LA BUVETTE®

The Specialist in Livestock Drinking Solutions

GENERAL CATALOGUE **2026/27**



Drinking Solutions
Frost-free Solutions
Autonomous Pumping
Housing for Calves
Breeding Equipment
Higiene

Since 1907



FRENCH EXPERTISE AND KNOW HOW

LA BUVETTE has been manufacturing barn equipment for over more than 115 years. Based on our extensive experience and French know how, this French SME has earned a good reputation among the livestock breeders. For all breeders and the entire barn equipment business, LA BUVETTE® is synonymous with reliability, innovation and animal welfare.

LA BUVETTE® runs an efficient and modern factory located at Charleville-Mézières in the north-east of France. It directly employs 50 workers and creates jobs for an extra group of 150 employees.

FORGES DE MILOURD

Fonderie GUSTIN & Fils

1947
LA BUVETTE merges with GUSTIN

1987
Establishment of the moulding plant ROTOPLUS

First drinking bowl with paddle: «LA SOURCE»



1907

Drinking bowl with paddle: «LA BUVETTE»



1930

Meadow pump: «UTINA»



1950

Drinking bowl with paddle: «LA BUVETTE S4»



1969

Pasture troughs: «PREBAC»



1987



LA BUVETTE

A few products through the years...

1907 LA SOURCE - 1937 LE PUITS - 1940 LE FLOT - 1941 LE FLUX - 1942 H2 - 1945 S2 - 1948 LABCO - 1950 F6 - 1950 H4 1950 S1 - 1950 UTINA - 1958 S3 - 1960 F7 - 1960 LAC 3 - 1961 LAC 33 - 1965 UTINA M - 1965 LAC 2 - 1966 ANTIGEL-BB - 1968 LA SUCETTE 1968 LAC 4 - 1969 S4 - 1969 BALKO - 1969 MINI-LAC - 1969 LAC 44 - 1970 F8 - 1970 PIGGY - 1970 PIGGYLI - 1973 SUPER MINILAC 1975 F9 - 1975 LAC 5 - 1975 BALK - 1975 LACABAC - 1976 LAC 55 - 1978 DIRECTO - 1979 CALDOLAC 20 1980 F9S - 1980 CALDOLAC 30 1986 DUOBAC - 1986 FRIBAC 70 - 1987 PREBAC - 1988 AQUAMAT - 1988 POUSTUBE - 1988 BALPOR 1989 STALBO - 1989 SHEEPY 1989 THERMOLAC - 1989 LAKCHO - 1989 STALCHO - 1989 CALDOLAC 5 - 1990 HORSY - 1990 BIGLAC - 1991 CALORIX - 1992 F10 1992 BIGSTAL - 1992 CLEANFOOT - 1993 FORSTAL - 1993 CLEANO-BAC - 1993 ISOBAC - 1993 AQUASOLAIRE



INNOVATION, QUALITY, SERVICE

Working closely with farmers on a daily basis, the teams at LA BUVETTE are constantly developing innovative equipment to improve working conditions, animal performance and welfare.

Every LA BUVETTE product, manufactured in France, meets strict standards to ensure durability and reliability in everyday use.

Convinced that a product without service has no future, we offer support, training and advice. LA BUVETTE's after-sales service provides thousands of spare parts with a rapid response. The LA BUVETTE website, which is packed with technical and commercial resources, is also highly valued by our customers.



NEW PRODUCTS IN CATALOGUE

Innovation is a core value at LA BUVETTE. It must be genuinely useful, meet a practical need, and make a difference to everyday life!

- *LAC 550 double stainless steel drinker: p. 11*
- *24V self-regulating, cut-to-length heating cable: p. 22*
- *Revised LB/GV range of large stainless steel products: p. 34*
- *GV XL and DAIRYNOX large-capacity st. steel troughs: p. 38*
- *CLEAN-FLOW self-cleaning communal drinkers: p. 48*
- *THERMOLAC GA large-access insulated tanks: p. 53*
- *DYNABAC rotating pasture drinking trough: p. 61*
- *SOLAR-SUPERFLOW solar pump: p. 75*
- *XL feed bell: p. 89*
- *OVICAP INOX wall-mounted communal drinkers with height-adjustable mounting: p. 103*
- *Insulated nozzle, height 250 mm: p. 104*
- *Galvanised guards for large drinkers: p. 116*

Éric MOREAUX, President.

1998
Establishment of the group SOFILAB by Jean-Pierre GUSTIN

2005
SATENE joins the group SOFILAB

2018
MAZERON joins the group SOFILAB

2021
CK-Industries joins the group SOFILAB

First frost-free drinking troughs «THERMOLAC»



1989

First solar pumps «SOLAR-FLOW»



2003

Large stainless steel drinking troughs: «LB / GV»



2012

First intelligent drinking systems: «BLUE INTELLIGENCE»



2015

The first self-cleaning collective drinker: «CLEAN-FLOW»



2023

LA BUVETTE

LA BUVETTE®

GROUPE SOFILAB

1994 F20 - 1995 NIVODO - 1995 STALL 3000 - 1996 CALOTRONIC - 1998 BIGCHO - 1998 PROFLOW - 1998 LOGISTAR - 1998 PORCINOX - 2000 F30 2000 BABYLAB - 2001 F11 - 2001 F60 - 2001 FEEDER WHEELBARROW - 2001 DUMPING WHEELBARROW - 2002 F30A - 2003 SOLAR-FLOW - 2003 MINISTAR 2005 AQUAMAT 2 - 2005 MIDDLESTAR - 2005 MEGASTAR - 2007 MULTI 220 - 2008 PROFLOW 2 - 2008 F130 - 2008 F110 - 2009 BIGCHO2 - 2009 BIGSTAL2 - 2009 MULTI-TWIN 2011 SPEED-FLOW - 2011 BABY-STAR - 2011 POLYSTALL - 2011 OVICAP - 2011 DAIRY-BAC 400 - 2012 LB - 2012 GV - 2012 VGD - 2012 LAC 10 - 2013 THERMOFLOW - 2013 F40 2013 BAÏKAL 230 - 2013 MICHIGAN DUO - 2013 NORMANDY - 2014 F25 - 2015 BLUE INTELLIGENCE - 2015 INTERBAC - 2017 LAC 5A - 2017 LAKCHO2 2017 STALCHO2 - 2017 SUPERSTAR - 2018 BABYLAC - 2019 EASY-STALL - 2019 BLUE LEVEL - 2019 LAC 50 - 2020 SOLAR-BASIC - 2020 OVITUBE 2020 ISOBAR 250 - 2021 DAIRYNOX 600 - 2022 JUMBO - 2023 CLEAN-FLOW - 2023 THERMOLAC GA - 2024 SOLAR-SUPERFLOW - 2024 DYNABAC - 2025 LAC 550 - 2026 GV XL

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MEANING OF THE SYMBOLS

Cattle · Dairy cows · Calves · Sheep

Goats · Pigs · Horses

Measured flow rate · Multi-way connection · Galvanised · Solar

Electric heating · Circulation system

UNITS CONVERSION TABLE

Thread	1/2" = 15 x 21 mm
	3/4" = 20 x 27 mm
	1"= 26 x 34 mm
	1 1/4"= 33 x 42 mm
	1 1/2"= 40 x 49 mm
1 bar	= 14 psi = 1000 hPa
1 litre	= 0,26 USG
1"	= 25,4 mm

In this catalogue you will find some QR codes like this one. Scan them with a smartphone or tablet that is equipped with a QR code reader to have direct access to supplementary content such as instructions in pdf, videos or our web pages.

Not contractual document.
In a concern of constant improvement of our products, we may modify their characteristics without advance notice.

ADVICE FROM LA BUVETTE® ON INDOOR DRINKING SOLUTIONS

Water is vital to your animals, both for their health and for their performance... And it has to be given to them in sufficient quantities of the appropriate quality, at the right place and at the right moment. The daily water intake varies according to the type of animal, its food, production, weight, the ambient temperature and the relative humidity of the air.



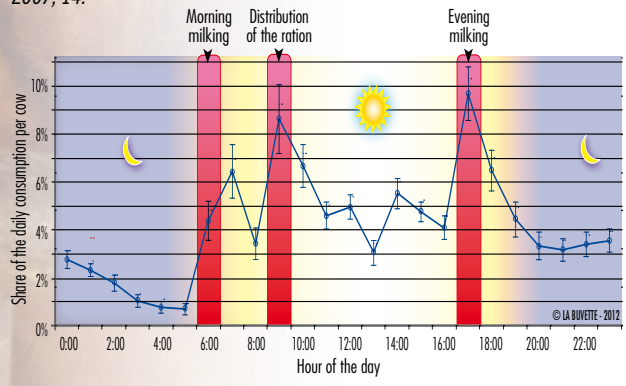
NEW LAC 550, page 11

ZOOM ON THE HABITS OF CATTLE IN STABLE

- Dairy cows need 3 to 5 litres of water per kilo of dry matter intake and for each litre of milk produced, they drink 2 to 3 litres of water (this rule is not cumulative).
- A dairy cow can drink up to 135 litres of water per day in 6 or 7 visits to the drinker, very often after the distribution of the feed ration or after milking (which explains the importance of locating the drinking points near the feeding table and the exit of the milking parlour, see following pages).
- Every day, 10 to 12 minutes are spent drinking. One bovine cattle can absorb up to 18 litres per minute, which is why it is so important to choose a drinker supplying the right flow rate.
- A drinker with constant water level allows faster ingestion than a tube or paddle drinker and is preferable for dairy cows with a high need for water. If the flow rate is insufficient, the bovine animal will drink more often (up to 15 times a day).

BREAKDOWN OF DAILY WATER CONSUMPTION BY A DAIRY COW

Study involving 82 lactating Prim'Holstein cows, fed a complete ration and kept in loose housing. Source: *"The factors responsible for variation in drinking behaviour of dairy cows», Cardot V., Le Roux Y., Jurjanz S. Journées 3R, 2007, 14.*



NUMBER OF DRINKERS AND INSTALLATION HEIGHTS

PRODUCTION	NUMBER OF ANIMALS/ DRINKING POINT	HEIGHT TO THE EDGE OF THE DRINKER
Dairy cows	10	0,70 < h < 0,80 m
Nursing cows	15	0,65 < h < 0,75 m
Young cattle	15	0,50 < h < 0,75 m
Calves	10	0,40 < h < 0,50 m
Weaner pigs	15	Step + 0,15 m
Fattening pigs	15	Step + 0,30 m
Sheep	15	Step + 0,5 m
Dairy goats/ewes	10	Step + 0,6 m
Horse herds	15	1,10 to 1,20 m

TECHNICAL ADVICE ON THE INSTALLATION

TYPE OF SEALANT ACCORDING TO THE MATERIAL

FITTING	TYPE OF SEAL
Synthetic / Synthetic	Teflon (or paste or cord sealant)
Synthetic / Metal	Teflon (or paste or cord sealant)
Metal / Metal	Hemp (chaff) + paste (or sealant cord)
Swivel fittings	Flat paper or rubber gasket (supplied)

Make sure to install the fittings according to the rules and, for example, do not forget to scratch the threads. Please call on a professional plumber in case of doubts.

RULES FOR INDOOR INSTALLATION OF DRINKERS

• **A sufficient number of watering points and at least two watering troughs spaced apart within each pen**	helps reduce competition at the trough and ensures that subordinate animals can drink properly (see table above). For communal troughs, allow 60 cm per watering point.
• **A maximum of 20 m to reach a water source,**	as some animals may already reduce their water intake if the distance is greater.
• **Space around the waterers**	promotes good animal movement and helps prevent interactions between subordinate and dominant animals. Sufficient clearance (60 cm) above the waterer is also necessary (details on the next page).
• **A drinking trough height appropriate for the herd**	if it is too high, the animals are encouraged to lap water (which leads to waste), and if it is too low, the risk of contamination from manure and of the trough being used as a step increases (see above).
• **Systematic grounding of waterers**	or metal fittings to prevent stray currents
• **Regular cleaning**	at least once a week, including brushing, to prevent biofilm buildup.
• **Maintaining the correct pressure (2–4 bar)**	ensures that the faucets function properly and have a long service life. If the pressure exceeds 5 bar, a professional pressure reducer (A406, p. 114) must be installed.
• **Filtered and securely fastened pipes**	to ensure optimal operation of the waterers, it is essential to install a 100-micron filter at the beginning of the line (p. 114). Securely fastened pipes help prevent vibrations and water hammer.

HOW TO DETERMINE THE BEST LOCATION FOR INDOOR DRINKERS

COWS KEPT INDOOR

Your cows need the best possible access to water when they are kept indoor. An unsuitable location of the drinking points can have a negative impact on the milk production or the growth of the animals. Therefore, it is important to consider the drinking behaviour within the layout of the buildings, starting in the earliest phase of the construction project of the building.

The diagrams on this page show the ideal locations of the drinking points depending on the building layout.

OUR ADVICES

- The access above the drinking point must be at least 60 cm wide, otherwise the animals can drink less easily and less quickly, and they are prone to lapping.
- For calves, we recommend the use of drinkers with constant water level or types that are specially adapted to their morphology (e.g. BABYLAB).
- Location of the drinkers near the service aisle makes maintenance and inspection of their good working order easier.

DAIRY COWS:

- 1 water access point for 10 lactating cows.



- Large troughs: 1 water access point = 60 cm.
- Flow rate: 15 litres/min per water access point.
- Height to the edge of the drinker: 70 to 85 cm.
- Favour drinkers with constant level and high flow rate.

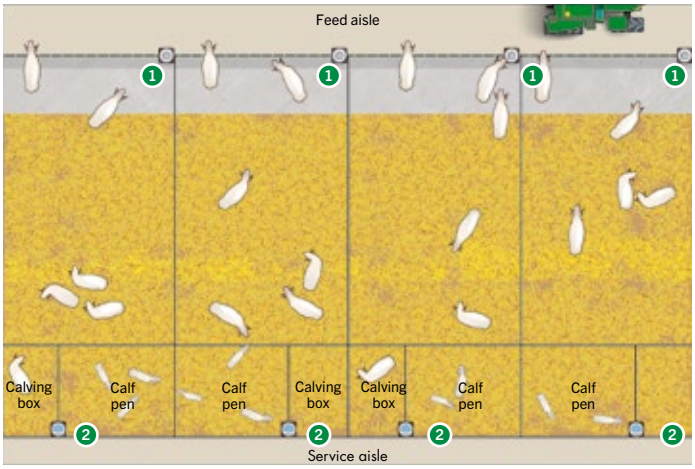
CATTLE:



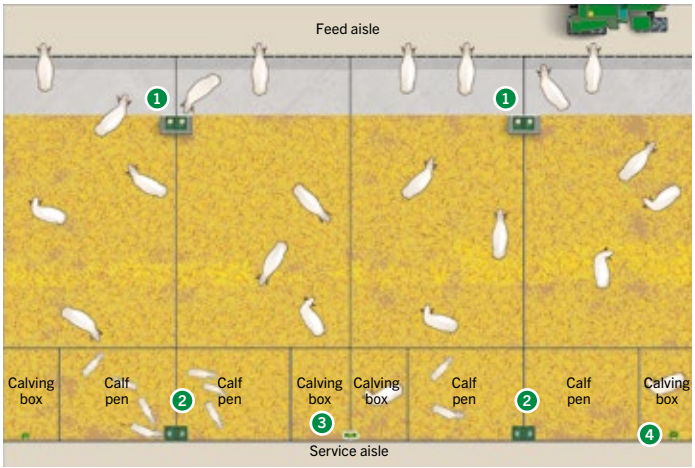
- 1 water access point for 15 heads of cattle.
- Flow rate: 10 litres/min per water access point
- Height to the edge of the drinker: 65 to 75 cm (adults) and 40 to 50 cm (calves).
- Adapt the drinkers to the age of the cattle.

NURSING COW BUILDING

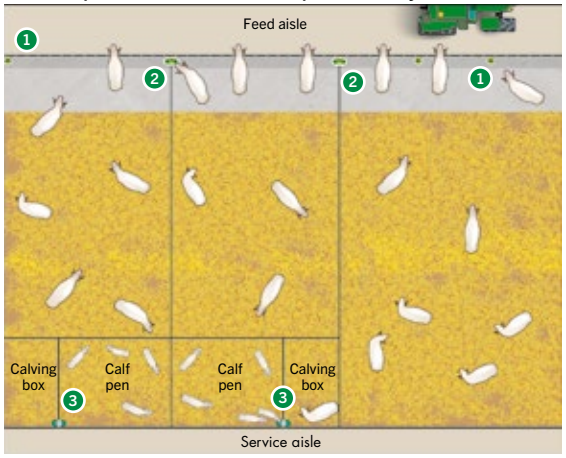
STRAW AREA AND SCRAPER
Electric frost-free drinkers



1. **Frost-free drinker on stand: BIGCHO 2, BIGSTAL 2 (non-spill), LAKCHO 2 or STALCHO 2**
   Set up like this, the drinkers are well protected and visible from the feeding table. They only take up one place at the feed rack.
2. **Frost-free drinker on stand with constant level: BIGCHO 2 or NORMANDY or LAKCHO 2**



STRAW AREA AND SCRAPER
Non-frost-proof drinkers or drinkers kept frost-free by circulation



1. **F30A or F25 (non-spill)**
2. **F60 or F40 or LAC50 (non-spill)**
   Place one drinker between two pens to guarantee access to the water from at least one side in case of crowding of animals or failure of a drinker.
3. **LAC 55 (constant level)**

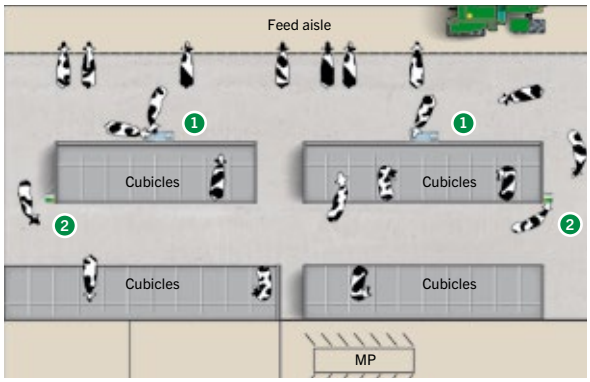
STRAW AREA AND SCRAPER
Isothermal frost-free drinkers or drinkers kept frost-free by circulation

1. **THERMOLAC 75 GV (ball model) or MICHIGAN DUO**
   NOTE: to protect the litter, you should surround the drinkers with a wall blocking access from the straw area and channel the drained water towards the scraped area.
2. **THERMOLAC 75 B (bowl model) for young calves.**
3. **Bowl of the F60, F40 or BIGCHO 2, BIGSTAL 2, LAKCHO 2, STALCHO 2 type**
   with or without frost protection (by circulation or electricity) depending on the needs.
4. **Individual bowl of the F30, or F11, LAC 5, F130 EL, NORMANDY type**
   with or without frost protection (by circulation or electricity) depending on the needs.

Tips on other building layouts are proposed in our La Buvette News No 24 of June 2014 that can be downloaded from www.labuvette-waterers.co.uk.

DAIRY COWS BUILDING

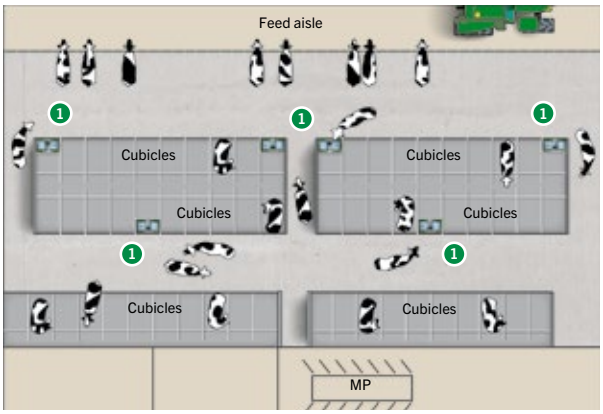
2 ROWS OF BACK-TO-BACK CUBICLES



1 LB150 or GV150
The installation of drinkers to the wall facing the feeding table keeps the passageway between the cubicles entirely free. NOTE: to allow free passage of the scraper, it is necessary to choose wall-mounted drinkers. However, it is still possible to have drinkers on the floor, such as CLEANO-BAC, ISOBAC or even PREBAC 70 by placing them in a recess in the wall specially provided for this purpose.

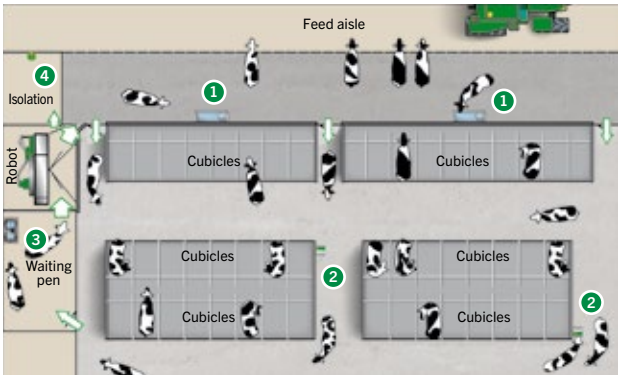
2 POLYSTALL PREMIUM with 90° mounting bracket (A372)
When installed parallel to the wall, this drinker is suited for rather narrow passageways between cubicles (2,5 to 3,75 m). It allows cows to drink without hindering the free movement of the other cows. This location also has the advantage of limiting the presence of dung in the passageways.

3 ROWS OF CUBICLES WITH NARROW PASSAGEWAYS



1 MICHIGAN DUO or THERMOLAC 75 or PREBAC 70 or ISOBAC or CLEANOBAC
When the passageways between the cubicles are too narrow, it is necessary to give up cubicles and to install the drinkers in their place. NOTE: It is necessary to surround the sides of the drinker with a wall to avoid soiling of the adjacent cubicles.

3 ROWS OF CUBICLES – MILKING ROBOT – CONTROLLED MOVEMENT



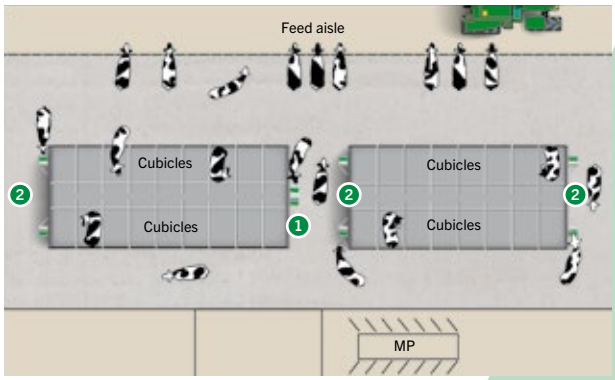
1 LB150 or GV150
The installation of drinkers to the wall facing the feeding table keeps the passageway between the cubicles entirely free.

2 POLYSTALL PREMIUM with 90° mounting bracket (A372)
Offering access parallel to the wall, this drinker is suited for narrow passageways between cubicles. NOTE: even when the movement is controlled, it is recommended to install drinking points at the cubicles.

3 MICHIGAN DUO or another double access drinker
It is important to install a drinker in the waiting pen as the cows might stay there for several hours.

4 F30 or other individual drinking bowl

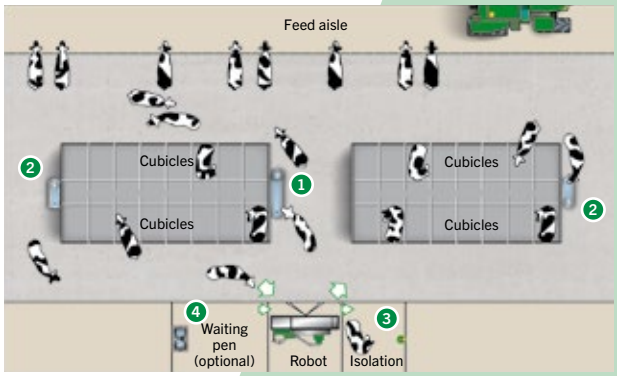
2 ROWS OF HEAD-TO-HEAD CUBICLES



1 POLYSTALL TWIN PREMIUM (double access)
This drinker is suited for rather narrow passageways between cubicles. It allows cows to drink standing parallel to the wall without hindering the free movement of the other cows. Another advantage is that there will be less cow dung in the passageways between the cubicles.

2 POLYSTALL PREMIUM with 90° mounting bracket (A372)
When installed parallel to the wall, this drinker is suited for rather narrow passageways between cubicles (2,5 to 3,75 m). It allows cows to drink without hindering the free movement of the other cattle. This location also has the advantage of limiting the presence of dung in the passageways.

HEAD-TO-HEAD CUBICLES – MILKING ROBOT LOOSE-HOUSING



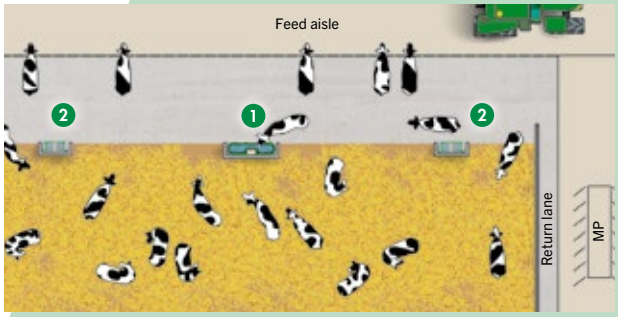
1 GV 230 or LB 230 or BAÏKAL 230 or MULTI 220
The passageway must be sufficiently wide (3,75 m) allowing the cows to drink without hindering the free movement of the other cows, especially at the exit of the milking parlour (4,5 m).

2 GV 150 or ISOBAC or CLEANOBAC or MICHIGAN
Additional drinkers must be installed at each end of the building as they are less frequently visited than the ones in the centre of the building. Double or triple access drinkers are particularly suitable.

3 F30 or other individual drinking bowl
It is important to consider providing the isolation pens with a drinker as the animals might stay there several hours.

4 MICHIGAN DUO or another double access drinker.

STRAW AREA AND SCRAPER



1 MULTI 220 or other large drinkers such as LB 230, GV 230 or BAÏKAL 230
NOTE: to protect the litter, you should surround the drinkers with a wall blocking access from the straw area and channel the drained water towards the scraped area.

2 ISOBAC or CLEANOBAC
These drinkers can be mounted on a tipping frame (A371) for easier maintenance. You can also install double access drinkers: MICHIGAN DUO, THERMOLAC 75, PREBAC 70, LAC550.

MP = Milking Parlour

Cast Iron Drinking Bowls With Constant Water Level

LAC 5

Universal cast iron drinking bowl with constant water level.



6,5 L/min at 3 bar

1. Large capacity: 5 litres
2. Stainless steel valve cover
3. Drain plug without tool
4. Horizontal or vertical water supply from below.



L. 30 x W. 26 x H. 24.5 cm
(11.8" x 10.2" x 9.4")
Centres: 148 mm (5.5") - Ø15 mm (0.6")

Connection on horizontal ¾" tube.
Can be connected on vertical ½" tube from bottom with accessory A829.

REF.	DESIGNATION	PACKAGING
1627	Cast iron bowl with Polycoat. Constant water level.	Plastic bag

LAC 55

Double cast iron bowl with constant water level.

6,5 L/min at 3 bar



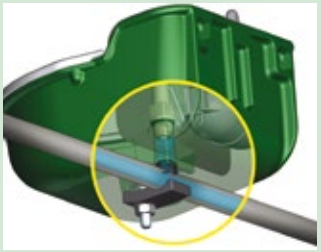
1. Float valve protected by a stainless steel cover.
2. Drain plug without tool
3. Horizontal or vertical water supply from below.

L. 45 x W. 27 x H. 24 cm (17.7" x 10.6" x 9.4")
Centres: 130 mm (5.1") - Ø15 mm (0.6")

Connection on horizontal ¾" tube.
Can be connected on vertical ½" tube from bottom with accessory A829 (see ACCESSORIES).

REF.	DESIGNATION	PACKAGING
1628	Cast iron double bowl with Polycoat. Constant water level.	Plastic bag

Two possibilities to connect the LAC5, LAC5A and LAC55 drinkers to the water:



1. **Horizontal (tapping):** drilling a Ø6 mm hole in a tube of Ø25 mm under the bowl (picture).
2. **Vertical (threaded):** screwing of brass male-male ½" fitting (15x21 mm) ref. A829.

LAC 5A

Universal cast iron drinking bowl with constant water level and non-spill edge.



6,5 L/min at 3 bar

1. Metall edge avoids water spillage
2. Stainless steel valve cover
3. 5 litres bowl, same as LAC 5

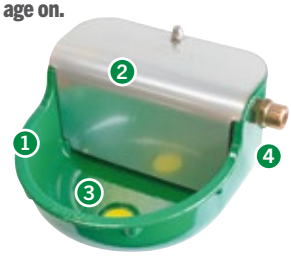
The non-spill system on F60 and F30A has been a success for more than 15 years. Horizontal ¾" (tapping) or vertical ½" (threaded) fitting and mounting distance identical to LAC 5.

REF.	DESIGNATION	PACKAGING
1615	Cast iron bowl with Polycoat. Constant water level.	Plastic bag

BABYLAC

Small cast-iron bowl with constant level, ideal for 10 to 15 goats or sheep from a very early age on.

As it is impossible to nibble on it, BABYLAC is also very convenient for dogs.



5 L/min at 3 bar

1. Very sturdy 2,5 litres bowl of grey cast iron
2. Stainless steel valve cover
3. Drain system without tools
4. NEW: ¾" or ½" M water supply from right or left.



L. 26 x W. 25 x H. 17 cm (10.2" x 9.8" x 6.7") ; Centres: 110 mm - Ø14 mm.

REF.	DESIGNATION	PACKAGING
2015	Cast iron with Polycoat drinking bowl with float valve	Plastic bag

NEW



Ref.

- **A308** Mounting rail to adjust drinking bowl height (see page 115)
- **A309** Complete connection set for LAC5/55 or BABYLAC mounted on A308
- **A324** Mounting brackets for drinker(s) on fence (see page 115)
- **A349** Metal protection frame in galvanised steel for drinking bowl LAC 55
- **A352** Metal protection frame in galvanised steel for drinking bowl LAC 5, LAC 5A and LAC 10. Wall or corner mounting.
- **A829** Brass 55 mm extension ½" MM for LAC 5, LAC 5A and LAC 55

Drinking Troughs in Polyethylene With Constant Water Level

LAC 10 (SYNTHETIC BOWL)

Synthetic drinking bowl with float valve.
Especially designed for calves, sheep and horses. Not suitable for goats.



8 L/min at 3 bar

1. New stainless steel valve cover.
2. Synthetic material, strong and rigid.
3. Drain plug without tool.

Large Capacity: 5.5 litres. Adjustable water level.
Connection ½" (15x21) from bottom.
4 oblong fixing points.

REF.	DESIGNATION	PACKAGING
3259	Synthetic bowl with constant water level	6 per carton
3279	Same as 3259	Carton apiece

BIGLAC 25 & 25R

Drinker with constant water level for stables of 15-20 animals.
Made of 100% pure high density polyethylene.

R-version features a galvanised protection frame for a longer service life.
Capacity 25 litres.

Dimensions: 54 x 47 x 30 cm *(21.3 x 18.5 x 11.8")*

High flow-rate float-valve.
Galvanised frame for wall or fence mounting.

32 L/min at 3 bar





1659

1. Water connection possible on both sides.
2. NEW: Brass fitting ¾" (20x27 mm).
3. Deep HDPE drinking bowl with broad edge reducing water spills by lapping
4. Galvanised protection frame.
5. Drain plug without tool.



1658



REF.	DESIGNATION
1658	Waterer on polyethylene with constant level valve for standard pressure without protection frame
1659	Waterer on polyethylene with constant level valve for standard pressure with galvanised protection frame

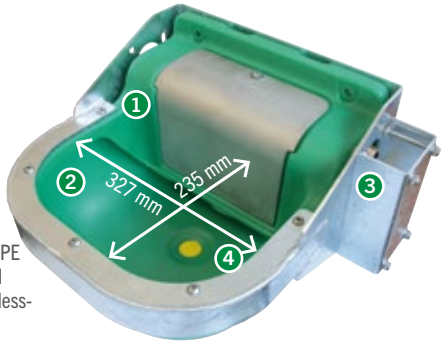


LAC 50

Large non-spill bowl with constant level. Large access to the water:
Ideal between two pens.

L. 42 x W. 40 x H. 30 cm
(16.5" x 15.7" x 11.8")

32 l/min. à 3 bar



1. 16 litres bowl made of HDPE with galvanised all-around protection edge and stainless-steel cover.
2. Inward folded edge impossible to nibble on.
3. Protected water supply from the left or the right.
4. Drain system without tools and inside design without nooks for easy cleaning.

Adjustable water level. Maximum capacity of 16 litres, minimum 8,5 litres.
Fitting ¾" M (20x27), right/left reversible.
4 fixing points. Centres: 270 mm - Ø14 mm.

REF.	DESIGNATION
1660	Wall-mounted drinker with constant level and built-in protection.


A352


A331 / A337

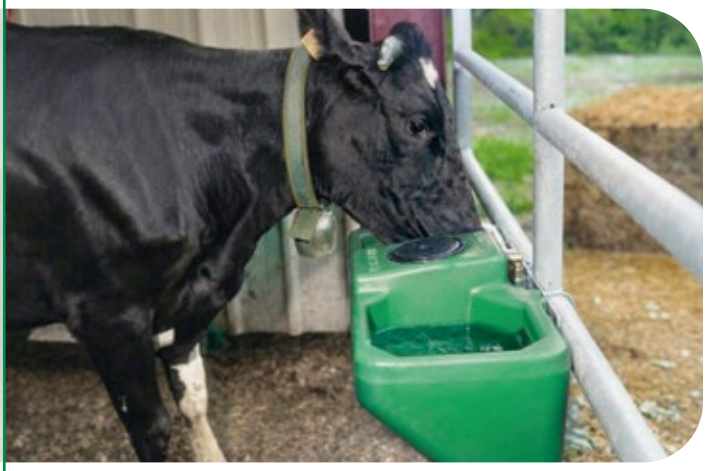

A336


A617

Ref.

A308	Mounting rail to adjust drinking bowl height (see page 115)
A352	Metal protection frame in galvanised steel for drinking bowl LAC 10.
A331	Mounting bracket for LAC 50 on pole Ø 102 mm (4") and «Trèfle»
A337	Mounting bracket for LAC 50 on pole Ø 140 mm (5"½) and «Trèfle»
A336	Mounting bracket for LAC 50 on H-shaped post (without drilling ; 100-200 mm wide)
A617	Low pressure valve for LAC50 for water supply by gravity (<1 bar or 14.5 psi).

Synthetic Drinking Bowl with Constant Level for Stable



BIGLAC 55M

Double access deep waterer in H.D.P.E. with constant level valve.
With broad edge reducing water spills by lapping.

For 30 heads of big cattle.

Capacity 55 litres.

Dimensions:
86 x 38 x 30 cm
(33.9 x 15 x 11.8")

32 L/min at 3 bar







1. Brass fitting ¾" (20x27 mm) from top or bottom.
2. Two drain plugs without tool.

Galvanised frame for wall or fence mounting.

REF.	DESIGNATION
1652	Double waterer on polyethylene with constant level valve for standard pressure





A317



A355

Ref.

A617	Low pressure valve (blue) for water supply by gravity (<1 bar or 14.5 psi).
A317	Mounting set for BIGLAC 55 on tubes or fences
A355	Mounting set for BIGLAC 25 and BIGLAC 25R on tubes or fences

BIGLAC 90

Multiple access deep waterer in H.D.P.E. with constant level valve.
With broad edge reducing water spills by lapping.

Suitable for 40 heads of big cattle.

Capacity 90 litres.



32 L/min at 3 bar

Dimensions:
160 x 40 x 27 cm
(63 x 15.8 x 10.6")







1. Brass fitting ¾" (20x27 mm) from top or bottom.
2. Galvanised frame for wall or fence mounting.
3. Rectangular quick and efficient drain plug (VIDE-VITE).

REF.	DESIGNATION
1655	Large double waterer on polyethylene with constant level valve for standard pressure and quick draining

PREBAC 70

Double drinker with constant water level of 70 litres, made of HDPE Polychoc™ for watering 40 to 50 sheep outdoors and indoors

Warranty* 10 years Against all manufacturing defects

32 L/min. at 3 bar



1. Float-valve with high flow rate or low pressure included.
2. Large rectangular quick discharge "VIDE-VITE".
3. 2 anchor points for floor mouting or on concrete base.

REF.	DESIGNATION
2219	Polychoc 70 l. trough - Standard pressure - Connection ¾" (20x27)
2217	Same as 2219 but for low pressure (<1bar-14.5psi)(blue) for supply by gravity

Stainless Steel Drinking Bowls

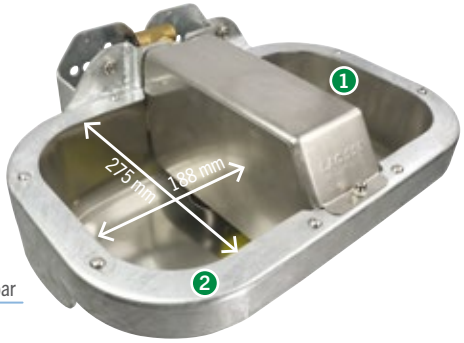
LAC 550

NEW

Stainless steel dual-access waterer for all types of animals, ideal for mounting on a post between two pens.

16-liter stainless steel bowl with full galvanized steel guard.
High-flow constant-level valve with T ¾" (20x27 mm).
Mounts on flanges or H-beams (IPN) up to 300 mm wide using reversible mounting plates.





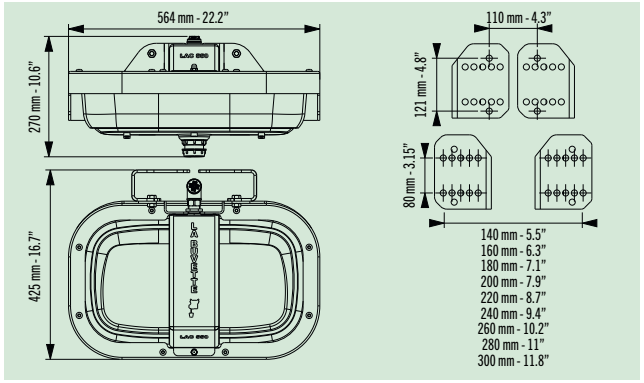
25 L/min. at 3 bar

1. Ample access to the water despite a compact design (only 56 cm wide).
2. The guard features an anti-splash rim.
3. Drainage through the bulkhead.

A407 electric anti-freeze kit (optional).
Transformator 230/24 V, sold separately.



REF.	DESIGNATION
3075	LAC 550 Double drinking bowl: Constant-Level Stainless Steel Model





Ref.

A331	Mounting bracket for waterers on pole Ø102 mm (4") or octogonal
A336	Mounting bracket on H-shaped post (without drilling ; 100-200 mm wide)
A337	Mounting bracket for drinkers on pole Ø 140 mm (5"½) and «Trèfle»
A367	Connection set for water circuit: 2 stainless steel tubes ¾" male
A407	70W/24V Electric Antifreeze Kit for LAC 550



EASY-STALL

Stainless steel constant-level comfort waterers for all types of cattle.

Forward-tilted basin with
large water access area (35 x 22 cm or 90 x 36 cm).
25- or 60-liter capacity.
High-flow valves.



32 L/min. at 3 bar



¾" (20x27 mm) male brass connection.
Drain through the wall.
8 mounting holes for wall or fence mounting.
Optional electric anti-freeze kit.
Details on page 28.

REF.	DESIGNATION
2425	EASY-STALL 45 Waterer: Wall-mounted stainless steel constant-level waterer
2426	EASY-STALL 100 Waterer: Wall-mounted stainless steel constant-level waterer



Ref.

A317	Mounting set for drinker on tubes or fences
A333	80W/24V Electric Antifreeze Kit for EASY-STALL 45 or 100
A345	Galvanised protection frame for EASY-STALL 45
A346	Galvanised protection frame for EASY-STALL 100

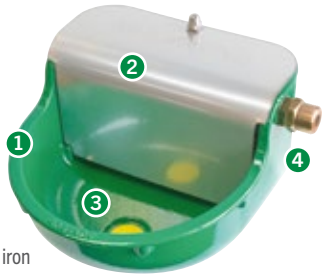
Cast Iron Bowls For Little Snouts

BABYLAC

Small cast-iron bowl with constant level, ideal for 10 to 15 goats or sheep from a very early age on.

As it is impossible to nibble on it, BABYLAC is also very convenient for dogs.

5 L/min at 3 bar



1. Very sturdy 2,5 litres bowl of grey cast iron
2. Stainless steel valve cover
3. Drain system without tools
4. NEW: ¾" or ½" M water supply from right or left.

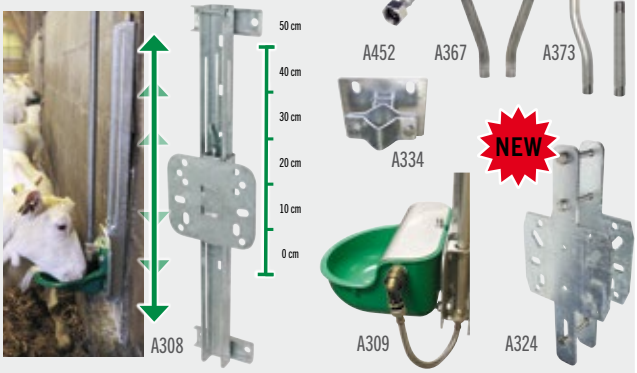


Dimensions:
L. 26 x W. 25 x H. 17 cm
10.2" x 9.8" x 6.7"
Capacity: 2,5 litres.

Centres: 110 mm - Ø14 mm.

REF.	DESIGNATION	PACKAGING
2015	Cast iron with Polycoat drinking bowl with float valve	Plastic bag

Height-adjustable mounting of waterer without tools.



Ref.

A308	Mounting rail to adjust drinking bowl height (see page 115)
A309	Complete connection set for LAC5/55 or BABYLAC mounted on A308
A315	Set of 2 galvanised steel brackets for mounting on tubes up to Ø 50 mm (2")
A316	Set of 2 galvanised steel brackets for mounting on tubes Ø 50 to 75 mm (2" to 3")
A324	Mounting bracket for drinker(s) on fence (see page 115)
A331	Mounting bracket for drinkers on pole Ø 102 mm (4") and «Trèfle»
A334	Mounting bracket for drinkers on pole Ø 50 to 75 mm
A361	Corner plate for BABYLAB™ T and BABYLAC
A362	Corner plate for BABYLAB™
A367	Connection set for water circuit: 2 stainless steel tubes ¾" male
A373	Connection set for water circuit - for small spaces: 2 st.st. tubes ¾" M
A452	Braided hose 600 mm (23.6"), with 2 swivels 15 x 21 (1/2") + M-M fitting

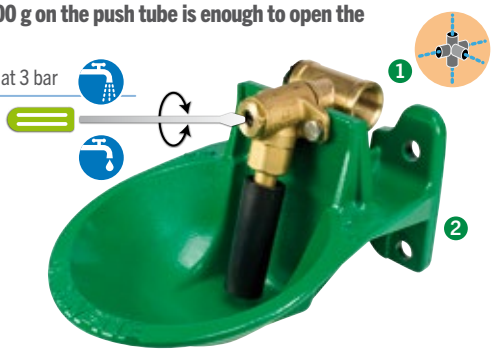
BABYLAB™ T

Educational cast iron bowl designed for the «little snouts» (sheep, goats, young animals...).

A small amount of remaining water below the valve stimulates the animals to push the tube.

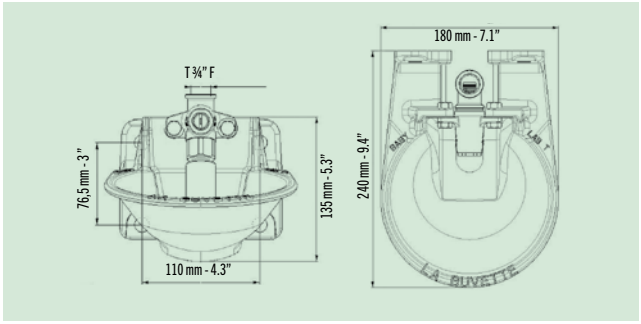
A pressure of 300 g on the push tube is enough to open the valve.

18 L/min at 3 bar



1. Connection to loop possible with T ¾" (20 x 27 mm)
2. 4 fixing points

REF.	DESIGNATION	PACKAGING
2019	Cast iron with Polycoat - Brass ¾" valve with T	Plastic bag



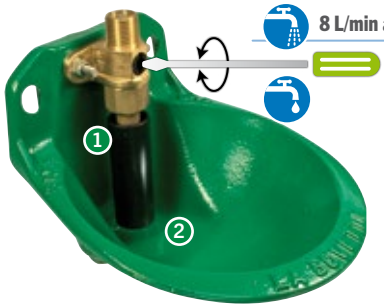
BABYLAB™

Educational cast iron bowl designed for the «little snouts» (sheep, goats, young animals...). A small amount of remaining water below the valve stimulates the animals to push the tube.

A pressure of 300 g on the push tube is enough to open the valve.

Connection ½" (15x21) above.

8 L/min at 3 bar



1. Very easy to push.
2. Small water reserve for educational purposes

REF.	DESIGNATION	PACKAGING
2014	Cast iron with Polycoat - Brass ½" valve	2 per carton

Cast Iron Drinking Bowls With Paddle Valve

S4

Ageless cast iron bowl with **vertical or horizontal paddle.**



15 L/min at 3 bar

1 Vertical paddle for easier maintenance

Connection without thread to horizontal 3/4" tube (20x27).

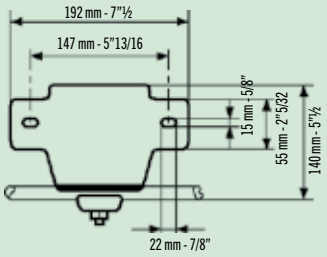
REF.	DESIGNATION
1221	Cast iron with Polycoat and vertical paddle

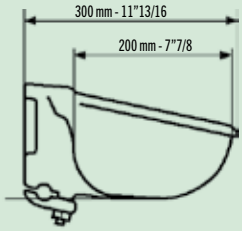
15 L/min at 3 bar

1 Horizontal paddle for easier learning



REF.	DESIGNATION
1227	Cast iron with Polycoat and horizontal paddle







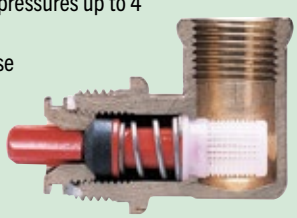
Includes jet for normal pressure (2-3 bar / 28-42 psi).
Nozzle for lower pressure: 1090754.
Nozzle for higher pressure: 1090750.

The brass valve of the F11 drinker has been demonstrating its quality for nearly 40 years.

It is easy to remove from the front and is equipped with a red jet for pressures up to 4 bar (13 l/min).

For supply by gravity, choose the spare part with ref. 1090715.

Find our complete spare parts catalogue on **www.labuvette-waterers.co.uk**



F11

Cast iron bowl with brass ¾" valve. Reliability tried and tested for nearly 40 years.



12 L/min at 3 bar

1 Horizontal, synthetic or stainless steel paddle.

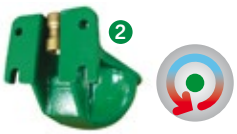


4 fixing points.
Connection ¾" (20x27).

REF.	DESIGNATION
3001	Cast iron with Polycoat - Synthetic horizontal paddle - Brass 3/4" valve
3003	Cast iron with Polycoat - Stainless steel horizontal paddle - Brass 3/4" valve

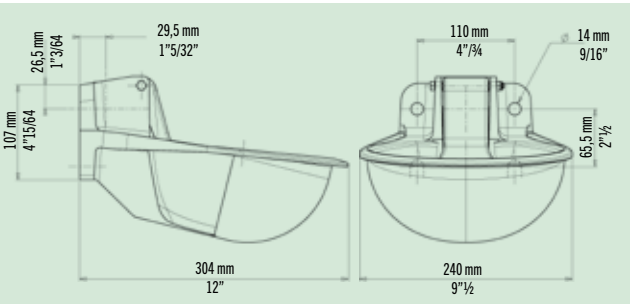
12 L/min at 3 bar

1 Synthetic vertical paddle.
2 Also available with T fitting.





REF.	DESIGNATION
3002	Cast iron with Polycoat - Vertical paddle - Brass 3/4" valve
3008	Cast iron with Polycoat - Vertical paddle - Brass 3/4" valve with T-fitting





A315 - A316



A352

Ref.

A315	Set of 2 galvanised steel brackets for mounting on tubes up to Ø 50 mm (2")
A316	Set of 2 galvanised steel brackets for mounting on tubes Ø 50 to 75 mm (2" to 3")
A352	Metal protection frame in galvanised steel for F11 drinking bowl

Cast Iron Drinking Bowls With Multiple Connection Points

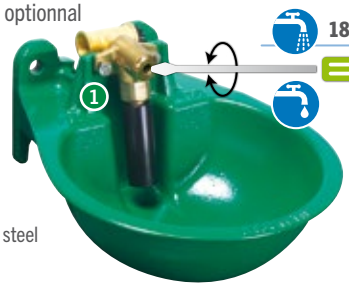
F30

Cast iron drinking bowl, deep and wide, suited for all types of snouts.

An effort of 600 g (1,32 lbs) at 3 bar (42 psi) on the tube valve is enough to activate the valve.

Can be mounted to a horizontal or vertical tube with optionnal brackets A315 or A316.

18 L/min at 3 bar



1. Brass or stainless steel valve.

King-sized bowl: L. 319 x W. 260 x H. 178 mm.
Connection ¾" (20x27).

REF.	DESIGNATION
3051	Cast iron with Polycoat - Brass ¾" valve with T fitting
3296	Cast iron with Polycoat - Stainless steel ¾" valve with T

F30 A

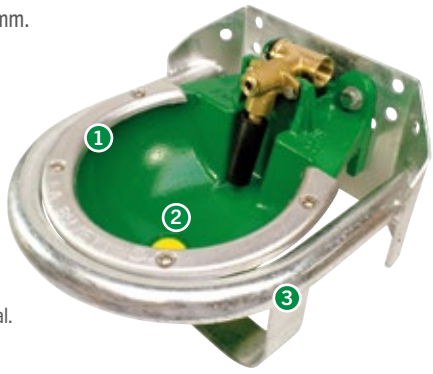
Same bowl as F30 with non-spill system tested and approved since 2001.

Limits water spilling and dirty litter.

King-sized bowl:
L. 319 x W. 260 x H. 178 mm.

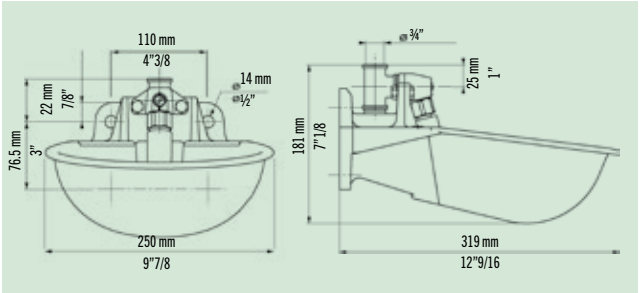
Connection ¾" (20x27)..

18 L/min at 3 bar



1. Metal non-spilling edge.
2. Drain plug without tool.
3. Protection frame optional. (A352)

REF.	DESIGNATION
3071	Cast iron bowl - Non-spill edge -Brass ¾" valve + T fitting
3297	Cast iron bowl - Non-spill edge - Stainless steel ¾" valve + T fitting



F60

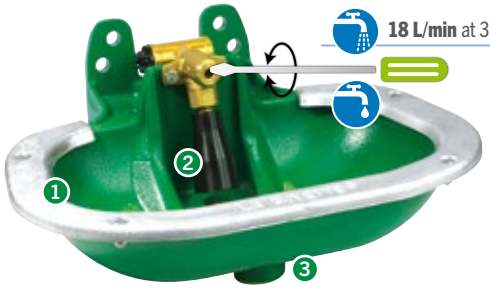
Oversized cast iron bowl with non-spill metal edge.

6 fixing points.

Oversized bowl: L. 431 x W. 327 x H. 202 mm.

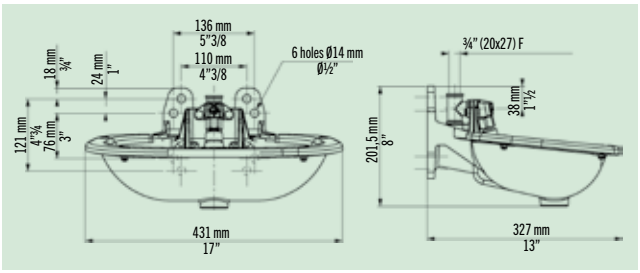
Connection ¾" (20x27).

18 L/min at 3 bar



1. Metal non-spilling edge.
2. Jet breaker in the push tube.
3. Drain plug without tool.

REF.	DESIGNATION
3060	Cast iron with Polycoat - Non-spill edge - Brass ¾" valve with T
3214	Cast iron with Polycoat - Non-spill edge - Stainless steel ¾" valve with T





Ref.

A315	Set of 2 galvanised steel brackets for mounting on tubes up to Ø 50 mm (2")
A316	Set of 2 galvanised steel brackets for mounting on tubes Ø 50 to 75 mm (2" to 3")
A331	Mounting bracket for drinkers on pole Ø 102 mm (4") and «Trèfle»
A336	Mounting bracket on H-shaped post (without drilling ; 100-200 mm wide)
A337	Mounting bracket for drinkers on pole Ø 140 mm (5"½) and «Trèfle»
A341	Valve protection for F60
A342	Valve protection for F30 / F30 A
A352	Metal protection frame in galvanised steel for drinking bowl F30, F30A
A353	Metal protection frame in galvanised steel for drinking bowl F60
A367	Connection set for water circuit: 2 stainless steel tubes ¾" male
A373	Connection set for water circuit - for small spaces: 2 st.st. tubes ¾" M

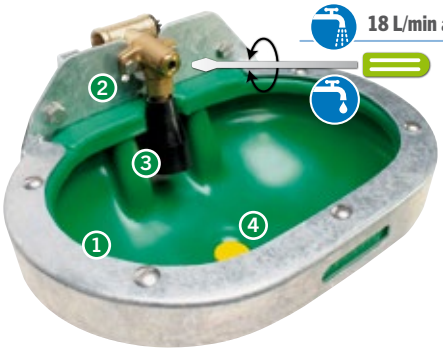
Non-Spill HDPE Drinking Bowls With Multiple Connection Points

F40

Large non-spill rotomoulded HDPE bowl with all-around galvanised protection edge.

HDPE bowl dimensions: L. 404 x W. 262 x H. 120 mm.

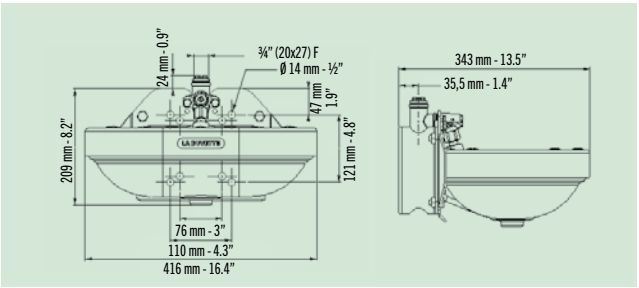
Connection ¾" (20x27 mm).



1. Hot-dipped galvanised all-around protection edge: stronger and avoids nibbling.
2. Brass or stainless steel valve.
3. Jet breaker in the push tube.
4. Drain plug without tool.



REF.	DESIGNATION
3065	HDPE drinking bowl with galvanised protection frame - Brass ¾" valve with T connection
3066	HDPE drinking bowl with galvanised protection frame - S.S. ¾" valve with T connection





Ref.

A315	Set of 2 galvanised steel brackets for mounting on tubes up to Ø 50 mm (2")
A316	Set of 2 galvanised steel brackets for mounting on tubes Ø 50 to 75 mm (2" to 3")
A331	Mounting bracket for drinkers on pole Ø 102 mm (4") and «Trèfle»
A336	Mounting bracket on H-shaped post (without drilling ; 100-200 mm wide)
A337	Mounting bracket for drinkers on pole Ø 140 mm (5"½) and «Trèfle»
A367	Connection set for water circuit: 2 stainless steel tubes ¾" male

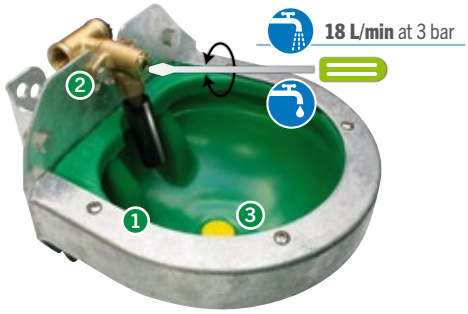


F25

Non-spill rotomoulded HDPE bowl with all-around galvanised protection edge

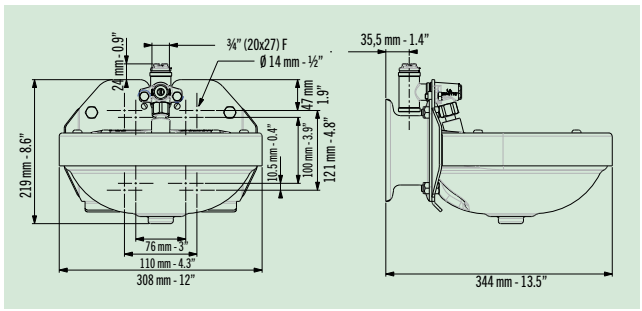
HDPE bowl dimensions: L. 295 x W. 262 x H. 120 mm.

Connection ¾" (20x27 mm).



1. Hot-dipped galvanised all-around protection edge: stronger and avoids nibbling.
2. Brass or stainless steel valve.
3. Drain plug without tool.

REF.	DESIGNATION
3063	HDPE drinking bowl with galvanised protection frame - Brass ¾" valve with T connection
3064	HDPE drinking bowl with galvanised protection frame - S.S. ¾" valve with T connection



In regions where freezing is likely, connect your drinkers to a circulation system with a SPEED-FLOW pump and one or two extra THERMOFLOWs if necessary (see pages 20-21).

Equivalents with float valve are available:
- LAC 50 (see p. 9)
- LAC 550 (see p. 11)



Synthetic Drinking Bowls With Paddle or Tube valve

Connected drinkers
Blue intelligence
See page 112.

FORSTAL

Shock resistant synthetic bowl.

Perfect for cattle or horses.
4 fixing points.

Connection ¾" (20x27) from top or bottom.



12 L/min at 3 bar

1. Same brass ¾" valve as F11 model.
2. Wide paddle, easy to push.

REF.	DESIGNATION	PACKAGING
3021	Synthetic drinking bowl with horizontal paddle - Brass ¾" valve	10 per carton
3023	Same as 3021	Apiece

The synthetic bowl is made of sturdy material that has been tried and tested for over 15 years.

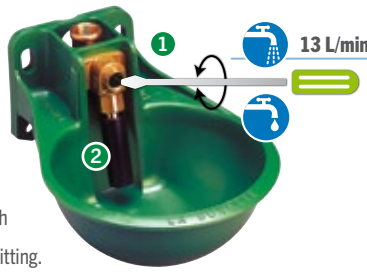




1. Vertical paddle for easier maintenance

REF.	DESIGNATION	PACKAGING
3022	Synthetic drinking bowl with vertical paddle - Brass ¾" valve	10 per carton
3024	Same as 3022	Apiece
3025	Synthetic drinking bowl with vertical paddle - Brass ¾" valve with T connection for a water circuit	10 per carton
3026	Same as 3025	Apiece



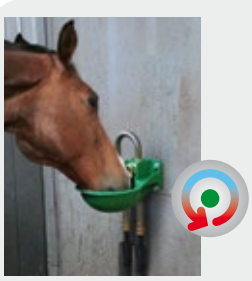


13 L/min at 3 bar

1. Adjustable flow rate.
2. Tube very easy to push
3. Also available with T fitting.

REF.	DESIGNATION	PACKAGING
3027	Synthetic drinking bowl with tube - Brass ¾" valve	10 per carton
3029	Same as 3027	Apiece
3028	Synthetic drinking bowl with tube - Brass ¾" valve - with T-fitting for connection to a water circuit	10 per carton
3030	Same as 3028	Apiece

In areas where freezing is likely, install the geothermal probe or heating wire (p.22) or connect your drinking bowls to a circulation system with a SPEED-FLOW pump and if needed one or more THERMOFLOWs (p. 20-21).





A359



A352

Ref.

A359	Connection set for water circuit: 2 stainless steel ¾" tubes + rotary union
A352	Metal protection frame in galvanised steel for drinking bowl

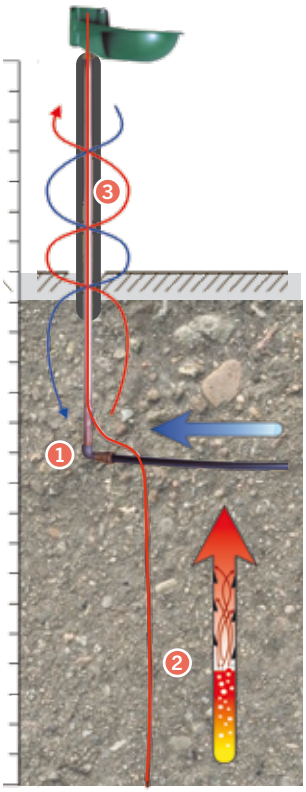
GEOTHERMAL PROBE

Anti-frost protection without electricity for FORSTAL with paddle.

Copper water supply tube equipped with geothermal probe to keep the valve of the waterer frost-free.

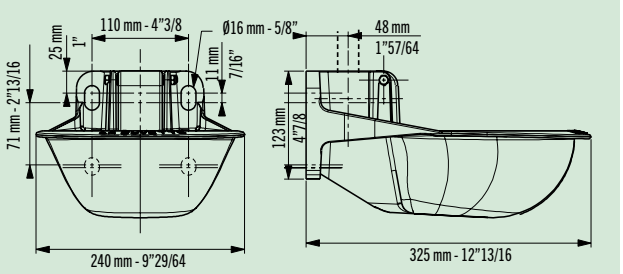
Efficient down to -15 °C (5°F) without electricity.

The geothermal probe contains a heat transfer gas. The probe is inserted into a copper tube and transfers the heat from the soil to the drinking bowl fittings to keep them frost-free.



1. ¾" connection to the water supply line at a frost-free depth (-40 cm to -80 cm).
2. The probe transfers the geothermal heat from deep into the earth to the drinker.
3. Insulating jacket (supplied separately).

REF.	DESIGNATION
A590	Geothermal probe to keep frost-free a Forstal with paddle. Connection ¾"



Stainless Steel Drinking Bowl With Multiple Connection Points

F110 INOX

Seamless stainless steel drinker, sturdy and durable

Bowl with rounded edge to avoid water spilling.

Stainless steel valve with high flow rate resist to the most acidic water.

Connection ¾" from the top.

4 oblong mounting holes.



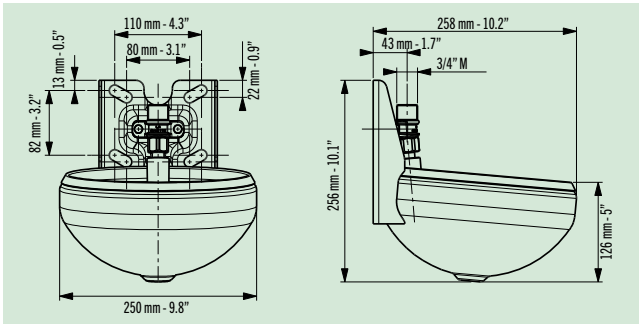
18 L/min at 3 bar

1. Smooth push tube valve, easy to activate
2. Large bowl inclined slightly forward for more comfort.

⚠ Not compatible with A352 protection frame.



REF.	DESIGNATION
3209	Stainless steel drinking bowl - Stainless steel ¾" valve



F130 INOX

Seamless stainless steel drinker, sturdy and durable

Bowl with rounded edge to avoid water spilling.

Stainless steel valve with adjustable and high flow rate. Resist to the most acidic water.

Connection ¾" with T-fitting for multiple possibilities.

4 oblong mounting holes.

18 L/min. at 3 bar

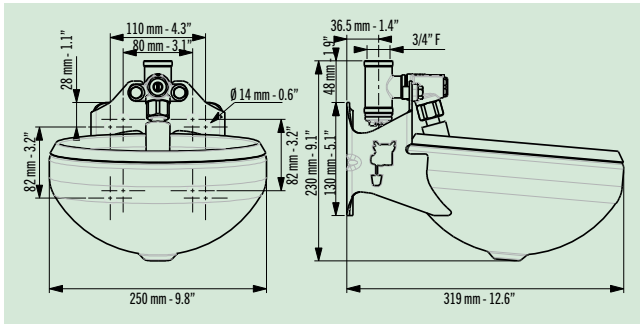


Top view



1. Smooth push tube valve, easy to activate
2. Large bowl inclined slightly forward for more comfort.
3. Stainless steel mounting plate designed to prevent dirt deposits.

REF.	DESIGNATION
3217	Stainless steel drinking bowl - Stainless steel ¾" valve with T-fitting



B19

Stainless steel drinking bowl perfect for beef calves.

Stainless steel valve.
Shuts off the water supply automatically if the valve is removed.

½" (15x21) male connection.



7,2 L/min at 3 bar



Installation height: 60 - 70 cm
See accessories on page 114.

REF.	DESIGNATION
1458	Stainless steel drinking bowl with stainless steel ½" Male valve



Ref.

A315	Set of 2 galvanised steel brackets for mounting on tubes up to Ø 50 mm (2")
A316	Set of 2 galvanised steel brackets for mounting on tubes Ø 50 to 75 mm (2" to 3")
A324	Mounting brackets for drinker(s) on fence (see page 115)
A331	Mounting bracket for drinkers on pole Ø 102 mm (4") and «Trèfle»
A334	Beugel om drinkbakken te bevestigen op paal Ø50 à 75 mm
A336	Mounting bracket on H-shaped post (without drilling ; 100-200 mm wide)
A337	Mounting bracket for drinkers on pole Ø 140 mm (5"½) and «Trèfle»
A352	Metal protection frame in galvanised steel for drinking bowl F130 INOX
A361	Corner plate
A367	Connection set for water circuit: 2 stainless steel tubes ¾" male

ADVICE FROM LA BUVETTE® ON FROST-FREE SOLUTIONS

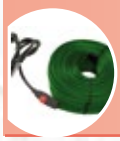


Good control of the water temperature is important. It should not be allowed to freeze, nor to become too cold, since the animals in general rather prefer warm water to cold water. In winter, the distribution of warm water can even result in a higher production and in summer, cooled water(10-15 °C / 50-59 °F) helps improve the ingestion and thus the production.

FOR DRINKERS KEPT FROST-FREE BY ELECTRIC HEATING ELEMENTS:

- Control your power consumption by using a remote thermostat (A532, p. 24).
- Adapt the number and capacity of the 230/24V transformers to your drinkers (p. 24).
- Remember to adapt the cross-section of the power cable to the capacity and length of your installation (see chart on p. 24 and in the mounting instructions).
- The installation of a fuse on the auxiliary power line of the transformer is mandatory.
- A differential circuit breaker of 30 mA must be installed to secure your installation.

PROTECTION OF NEW OR EXISTING WATER LINES AND VALVES

		PRINCIPLE	POWER CONSUMPTION	VOLTAGE	POWER	TYPE OF USE	EFFICIENCY
20	 SPEED-FLOW	High-power pump for circulation system with high flow rate for line of drinkers.	Average	230 V	550 W (continuously, or set in option)	For underground water supply to the entire line of drinkers.	Down to -15 °C (5 °F).
21	THERMOFLOW 	Extra 1500 W programmable and autonomous heater for water lines that are already equipped with a circulation pump (SPEED-FLOW or other).	Variable	230 V	1500 W (set)	For all types of underground or surface lines. Installation of several THERMOFLOWs in series possible.	Down to -30 °C (-22 °F).
22	 Heating strip and cable	The self-regulating cable heats the cold parts of the installation. The full length of the cable is heated as soon as the built-in thermostat is triggered.	Economical consumption	24 V or 230 V	Cable 24 V: 20 W/m (regulated) Cable 230 V: 16 W/m from 6 °C	For surface lines in already existing installations.	Down to -45 °C (-49 °F).

DRINKERS WITH ELECTRICAL HEATING

Automatic start and stop possible with the optional A532 thermostat.

		PRINCIPLE	LIVESTOCK	VOLTAGE	POWER	TYPE OF USE	EFFICIENCY
24	 F130 EL	Single access drinker with heating element surrounding the bowl and valve.	Cattle and horses	24 V	30 W or 80 W (continuously)	For all installations.	Down to -20 °C
25	NORMANDY 	Single access polyethylene wall-mounted drinkers with constant level or paddle, equipped with heating element under the bowl (optional).	Cattle, horses and sheep	24 V	80W (continuously)	For underground or overhead water supply lines.	Down to -20 °C (-4 °F).
26	 LAKCHO 2 STALCHO 2	Single access polyethylene drinkers with constant level or paddle to be mounted on a stand. Equipped with an electrical heating element under the bowl.	LAKCHO 2: cattle, sheep, goats and horses STALCHO 2: Cattle and horses	24 V	50 W, 80 W or 180 W depending on type (continuously)	For underground water supply lines.	Down to -20 °C (-4 °F).
27	BIGCHO 2 BIGSTAL 2 	Single access stainless steel drinkers with constant level or paddle to be mounted on a stand. Feature an electrical heating element under the bowl.	BIGCHO II : All BIGSTAL II : Cattle and horses	24 V	50 W or 80 W (continuously)	For underground water supply lines.	Down to -20 °C (-4 °F).
28	 LAC 550 POLYSTALL EASY-STALL	Drinkers with constant water level, single or double access, with one or two electrical heating elements under the trough (optional)	Cattle	24 V	80 W or 160 W depending on type (continuously)	For all installations.	Down to -20 °C (-4 °F).
32	LB & GV 	Large stainless steel drinkers for wall-mounting or installation on feet, with constant water level and electrical heating element under the trough and/or in the valve (optional).	Cattle	24 V	20 W or 350 W or 370 W depending on anti-freeze optionsl (continuously)	For underground or lower wall mounted water supply lines.	Down to -20 °C (-4 °F).
42	 MICHIGAN DUO BAÏKAL 230	Large stainless steel drinkers with double-walled polyethylene base, constant water level and electrical heating element under the trough and/or in the valve (optional)	Cattle	24 V	20 W or 350 W or 370 W depending on anti-freeze optionsl (continuously)	For underground water supply lines.	Down to -20 °C (-4 °F).
44	ISOBAC MULTI 220 EL MULTI-TWIN EL 	Polyethylene double-walled constant level drinkers for more than one animal with heating element under the trough.	Cattle	24 V	from 100 W to 400 W depending on type (continuously)	For underground water supply lines.	Down to -20 °C (-4 °F).
48	 CLEAN-FLOW	Self-cleaning collectiv polyethylene drinking troughs with a constant water level, available with 4 or 6 access points, with optional electric heating elements fitted beneath the tank.	Cattle	24 V	from 200 W to 300 W depending on type (continuously)	For all installations.	Down to -20 °C (-4 °F).

FROST-FREE SOLUTIONS WITHOUT ELECTRICITY

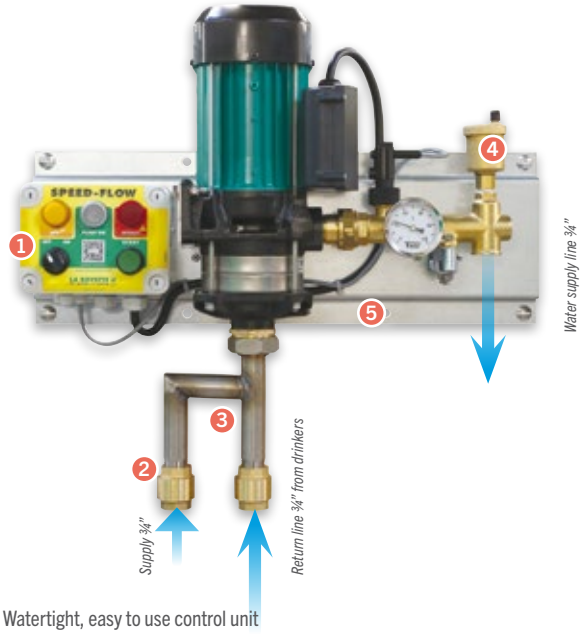
		PRINCIPLE	LIVESTOCK	TYPE OF USE	EFFICIENCY
16	 Geothermal probe	The probe holding a heat transfer gas transfers the heat of the earth to the valve of the drinker with paddle FORSTAL.	Horses and young cattle	Underground water supply lines, FORSTAL paddle.	Down to -15 °C (5 °F).
40	DAIRY-BAC DAIRYNOX 	Large volume trough with overflow receiving lukewarm warm from the milk precooler.	Dairy cows	Milk precooler	Down to -30 °C (-22 °F).
50	 THERMOLAC	While the animals are drinking, the drinker is filled with fresh water and the double polyurethane wall filled with polyurethane foam keeps it at a constant temperature.	GV types (with balls): Cattle and horses B types (with bowls): Sheep and goats	Underground water supply lines	Down to -30 °C (-22 °F).
113	ISOBAR 250 	A water reserve that is maintained at a controlled temperature by the double-walled trough and floating cover filled with high density polyurethane foam	Horses in small numbers	Manual filling (no water connection)	Down to -15 °C (5 °F).

See detailed descriptions on the following pages.

Frost-Free Circulation Pump

SPEED-FLOW

Powerful pump (230 V / 370 W) that keeps a drinking bowl circuit frost-free by circulating the water at high speed.
Suitable for a circuit of drinkers up to 125 m to and 125 m back with underground lines. Beyond this distance, an extra A556 pump is recommended.
A visual and audible alarm can be added and the operation of the SPEED-FLOW can be made fully automatic (see accessories).



1. Watertight, easy to use control unit
2. Supply from the water mains (≥2 bar). A446 filter obligatory, to order separately.
3. Stainless steel water lines with ¾" non-return valves.
4. Safety features: Flow switch, temperature gauge and automatic bleed valve.
5. Complete assembly comes on galvanised frame.

REF.	DESIGNATION	PACKAGING
1669	Frost-free powerful pump with high flow rate - 230 V / 370 W	Carton apiece

To ensure optimum efficiency without wasting energy, you have to use Ø 25 mm PE pipes (3/4") and bury them in the ground as much as possible to absorb the heat from the soil. Insulate the lines above ground with a 13 mm foam jacket and protect them against the animals with the galvanised protection frame A358. If there is a risk of heavy frost, add one or more THERMOFLOWs to your installation. They will only switch on when necessary.

Install the SPEED-FLOW in a frost-free room or use heating wire (see page 22) to protect the water supply against frost.

A557 automatisation set: Automatic start-up of SPEED-FLOW as soon as the temperature drops to 2 °C (Auto-OFF at 10 °C).



A558 alarm set: Visual and audible alarm when SPEED-FLOW stops.





MANDATORY:

Filter 100µ



Différential circuit breaker 30mA / 230V



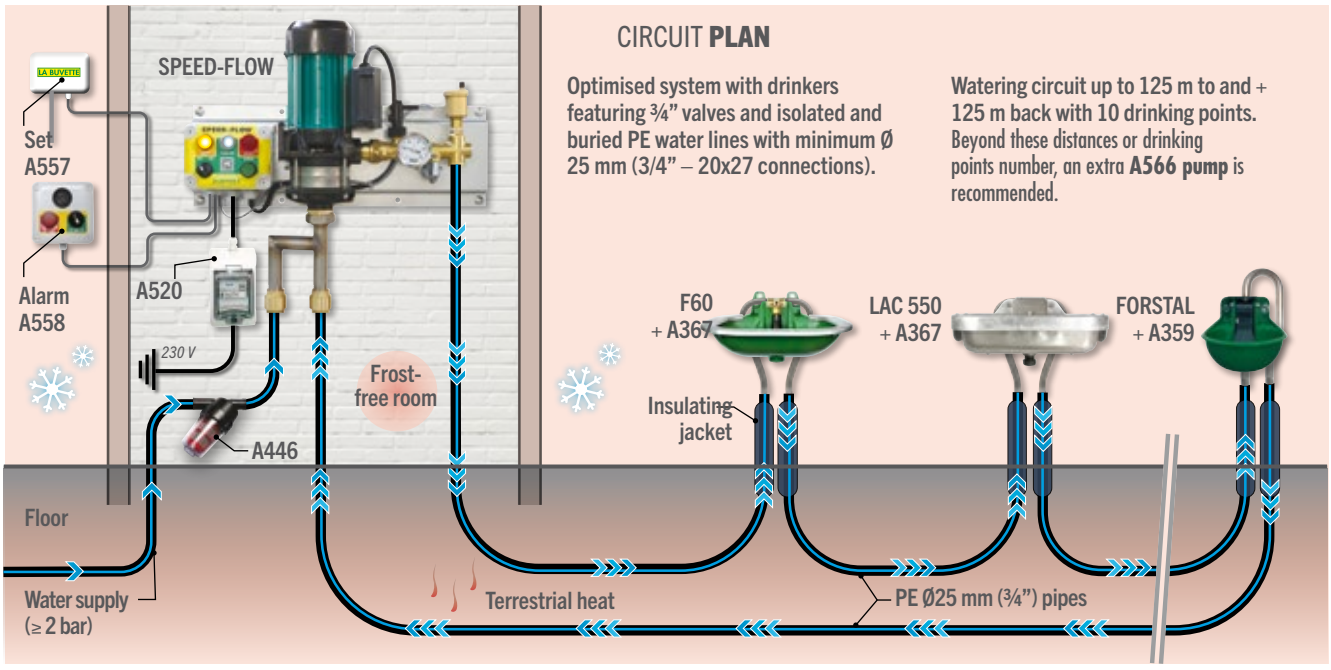
Ref.

A556	Additional 230 V / 370 W pump, Connection ¾" (20 x 27), automatic bleed valve included
A557	Automation set for SPEED-FLOW manufactured after 12/2014
A558	Alarm set for SPEED-FLOW manufactured after 12/2014
A446	Visi-Filter VF6, 100 microns - 6m³/h - mandatory
A552	Additional automatic bleed valve to be installed at each high point of the installation
A520	Differential circuit breaker, 30 mA for 230 V single-phase with watertight cabinet

CIRCUIT **PLAN**

Optimised system with drinkers featuring ¾" valves and isolated and buried PE water lines with minimum Ø 25 mm (3/4" – 20x27 connections).

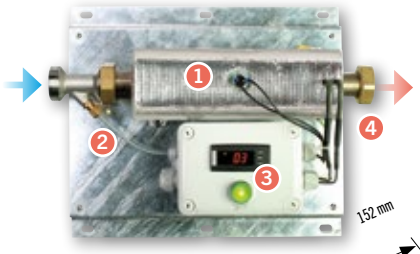
Watering circuit up to 125 m to and + 125 m back with 10 drinking points. Beyond these distances or drinking points number, an extra **A566 pump** is recommended.

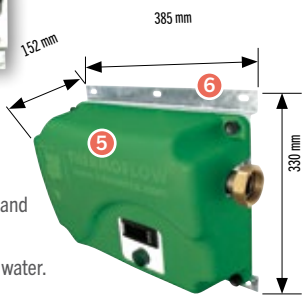


Autonomous Heater

THERMOFLOW

Additional programmable 1500 W heater pfor SPEED-FLOW or another circulation system.
Automatic on/off function depending on the programmed water temperature for consumption management.
THERMOFLOW is suitable for circuits with surface lines.





1. 1500 W heating element. Stainless steel and aluminium: no rust, no scale deposit.
2. Temperature measurement of the circuit water.
3. Easy setting of start temperature. Operation indicator light.
4. 1"½ male and female fittings with swivel nuts.
5. HDPE cover.
6. Compact device comes fully installed on its galvanised frame. Installation made easier by means of 6 slotted mounting holes.

Installation of several THERMOFLOWs in series possible for extreme conditions (see OUR ADVICE).
Independent 230 V power supply.

REF.	DESIGNATION	PACKAGING
A301	Additional programmable 1500 W heater 230 V singlephase - Connection 1"½	Carton apiece

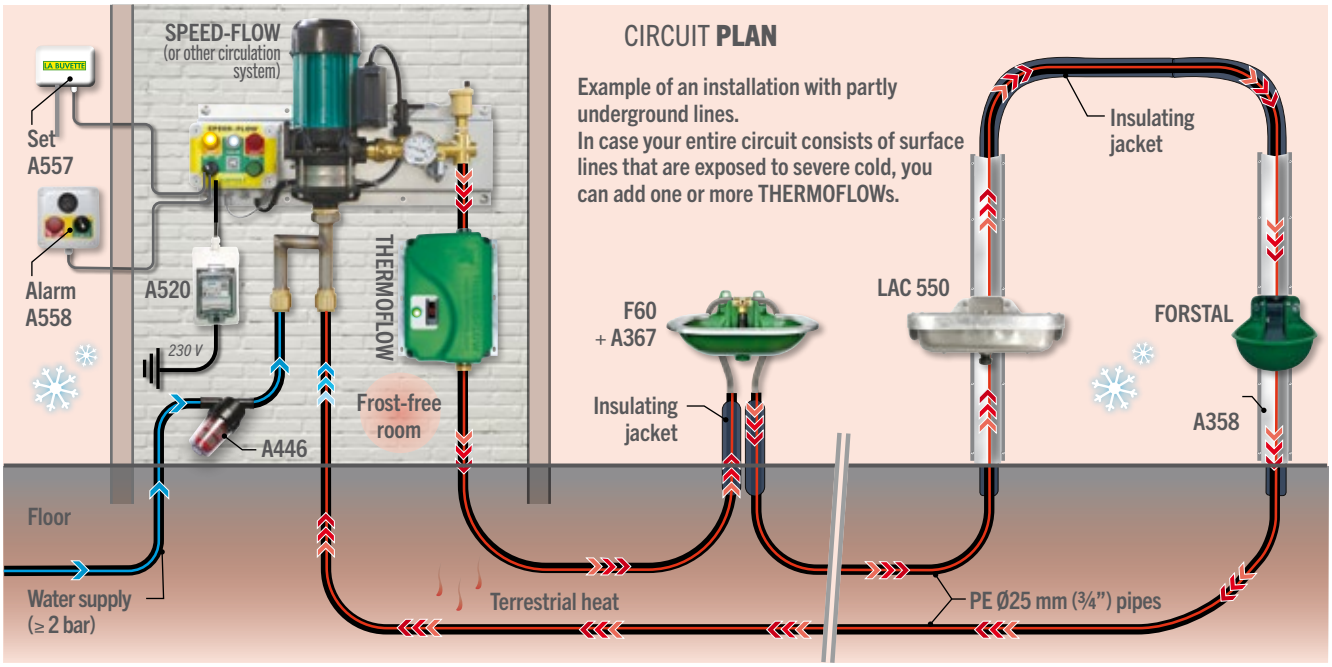
THERMOFLOW suits all drinking circuits equipped with a circulation pump. It improves the latter's anti-freeze performance only when it is required by the climatic conditions. THERMOFLOW is independent, it can be installed wherever you want.

Depending on the required anti-freeze performance, LA BUVETTE recommends the use of one or more THERMOFLOWs.



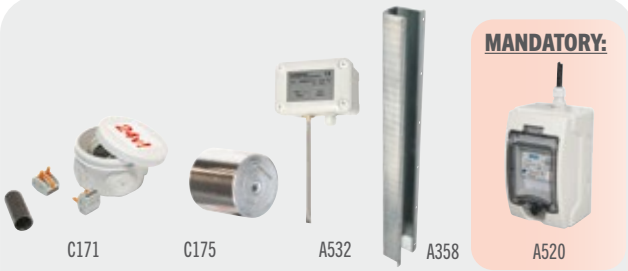
Ref.

A358	Water pipe protection in galvanised steel - Useful dim. L. 750 x W. 60 x D. 75 mm
A359	Connection set for water circuit (FORSTAL, p.12): 2 stainless steel ¾" tubes + rotary union
A363	Connection set for water circuit (POLYSTALL, p. 28): 2 stainless steel ¾" tubes + T ½" + rotary union ¾"
A367	Connection set for water circuit suitable for waterer with ¾" T: 2 stainless steel ¾" tubes
A365	Same as A367 with T for valve with ½" connection
A368	Connection set for water circuit suitable for MULTI 220 (p.46)
A373	Connection set for water circuit - for small spaces: 2 stainless steel tubes ¾" M
A520	Differential circuit breaker, 30 mA for 230 V single-phase with water-tight cabinet
A551	Safety valve of 7 bar – recommended for any circuit with heating system



Self-Regulating Heating Cable 24 V For Water Lines





Ref.	
C171	Waterproof junction box + connector for C152.
C175	Aluminium tape – 10 m x 5 cm. Mandatory for plastic pipes.
A532	Remote thermostat for automatic start-up and shut-off based on an external sensor (from 2°C) – Waterproof enclosure (max. 120 m of heating tape)
A358	Water pipe protection in galvanised steel. Useful dim. L. 750 x W. 60 x D. 75 mm
A520	Differential circuit breaker, 30 mA for 230 V single-phase with watertight cabinet

HEATING CABLE
SELF-REGULATING 24V 20W/M

Self-regulating 24 V heating strip consisting of two electric wires encased in a polymer coat with conductive graphite particles for variable heating. The heating intensity is adjusted in each point of the line according to the temperature.

Variable capacity: **20 W/m at 0°C (34°F) without isolation.**

For all types of surface water lines in existing installations.
Cut at the required length from 0 to 20 m.
Frost-protection down to -45 °C (-49°F).

Very easy to install and connect using the C171 kit.



C162 kit for water trough inlet:

1. 1.5 m of 24 V self-regulating heating cable (can be cut)
2. 10 m of heat-diffusing aluminium tape: essential for plastic pipes
3. Waterproof junction box with quick-connect terminals
4. Heat-shrinkable insulating sleeve.



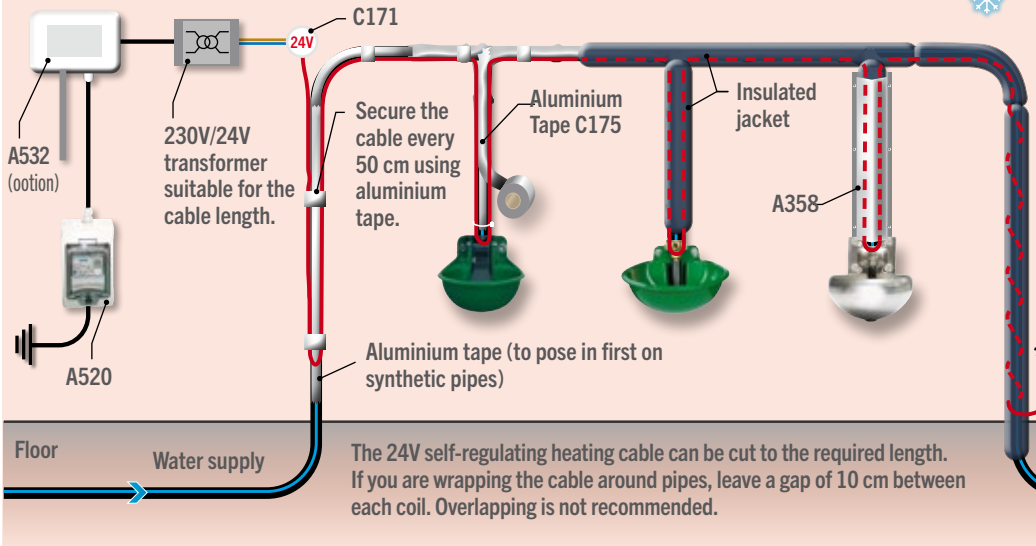
Power varies depending on temperature:
30 W at 0°C without insulation for 1.5 m of cable.

A 230/24V transformer is essential; select one based on the length of cable installed:
Length (m) x Power per metre (20W). Example: 20 x 20 = 400 W.
For 20 m of cable, a 400 VA transformer is required.
For 1.5 m of cable, a 50 VA transformer is required.
Sold separately, see page 24.



REF.	DESIGNATION
C152	24 V self-regulating heating cable, sold by the metre (rolls of up to 20 m max)
C162	Heating cable 24 V / 30 W - Length: 1,50 m (4,9 ft), to protect water supply

INSTALLATION
SELF-REGULATING HEATING WIRE (REF. C152)



The 24V self-regulating heating cable can be cut to the required length. If you are wrapping the cable around pipes, leave a gap of 10 cm between each coil. Overlapping is not recommended.



The wire consists of two power cables surrounded with polymer (insulating plastic) charged with conductive graphite particles.

- When it is cold: Polymer shrinks. Graphite particles make contact, thus heating the wire.
- When it is warm: Polymer expands. Graphite particles do not make contact, thus heating less the wire.

Ready To Connect Heating Cables 230V For Water Lines

HEATING CABLE
READY TO PLUG 230V 16W/M

230 V ready to connect heating cable with built-in thermostat activated at 6 °C (43°F). Ideal to protect surface lines in existing installations (4 lengths from 14 to 48 m). **Cannot be cut.**



Capacity: 16 W/m



Differential circuit breaker 30 mA obligatory, delivered separately (A520).

1. Efficient heating down to -45 °C.
2. 230 V plug and 2 m long power cable.
3. Thermostat to be placed against the water line.
4. In blister pack with installation instructions.



REF.	DESIGNATION	PACKAGING
C144	Heating cable 230 V - Length 14 m (46 ft)	Blister
C146	Heating cable 230 V - Length 24 m (78.7 ft)	Blister
C147	Heating cable 230 V - Length 36 m (118.1 ft)	Blister
C148	Heating cable 230 V - Length 48 m (157.5 ft)	Blister

The LA BUVETTE anti-freeze heating wire must not be shortened or extended. The unused ends can be coiled on the water line (with a distance between the turns of the spiral of at least 15 mm).

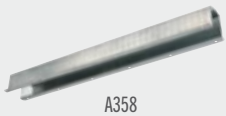
IMPORTANT:
Synthetic tubes must be covered with aluminium adhesive tape (ref. C175) before installing the LA BUVETTE heating wire. It protects the tube and distributes the heat.

The built-in thermostat of the heating wire starts heating as soon as the temperature of the water line drops below +6 °C and stops automatically when the temperature reaches more than +11 °C.

The anti-freezing efficiency of the plug-in heating wires varies according to the diameter and the insulation quality of the surface lines:

DIAMETER OF THE WATER LINES	WITHOUT INSULATION	INSULATED WITH 13 MM THICK FOAM
15 mm - 0.6"	-20°C (-4°F)	-45°C (-49°F)
22 mm - 0.9"	-13°C (8.6°F)	-45°C (-49°F)
28 mm - 1.1"	-10°C (14°F)	-40°C (-40°F)
35 mm - 1.4"	-7°C (19.4°F)	-40°C (-40°F)
42 mm - 1.7"	-5°C (23°F)	-35°C (-31°F)
48 mm - 1.9"	-4°C (25°F)	-30°C (-22°F)
60 mm - 2.4"	-3°C (26.5°F)	-25°C (-13°F)
76 mm - 3"	-2°C (28.4°F)	-20°C (-4°F)

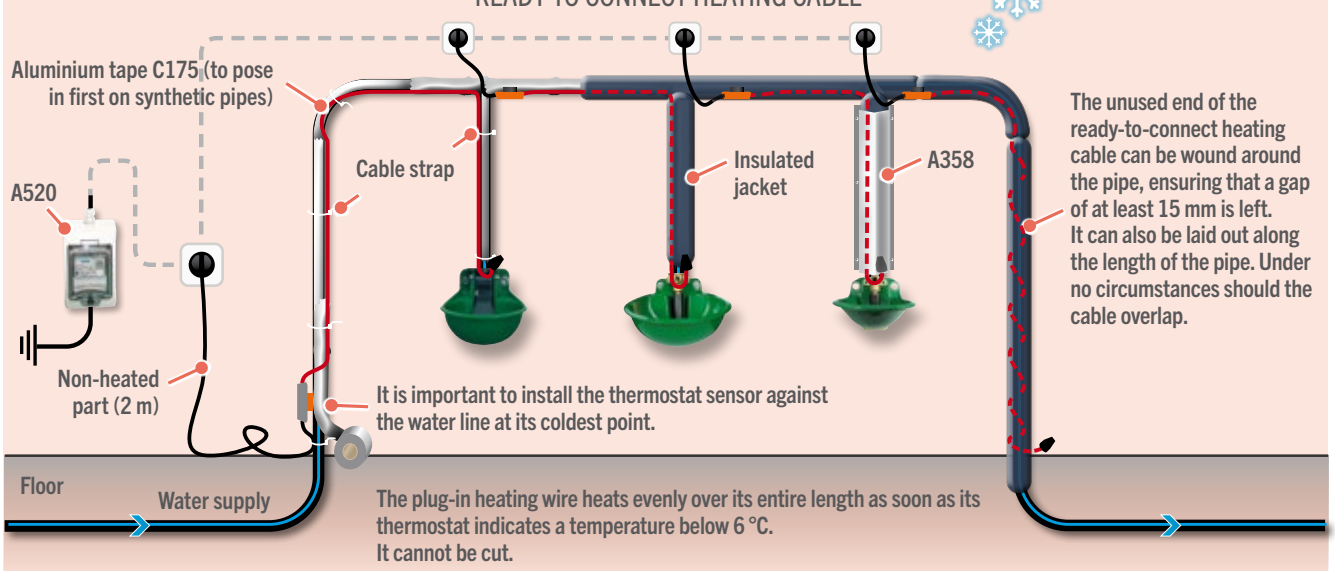

C175


A358


A520

Ref.	
C175	Aluminium tape – 10 m x 5 cm. Mandatory for plastic pipes.
A358	Water pipe protection in galvanised steel. Useful dim. L. 750 x W. 60 x D. 75 mm
A520	Differential circuit breaker, 30 mA for 230 V single-phase with watertight cabinet

INSTALLATION
READY TO CONNECT HEATING CABLE



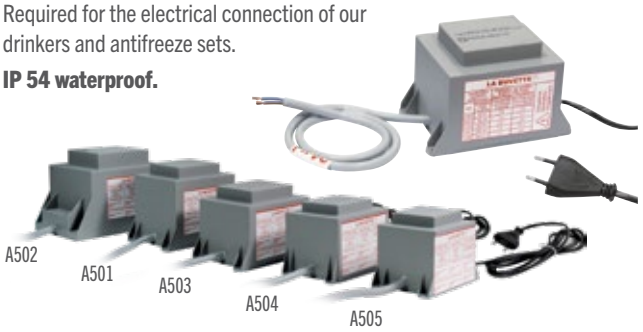
Electric Accessories and Wall-Mounted Frost-Free Drinker

TRANSFORMERS

Transformers (230/24 V) shell-type. European norm EN 60.742.

Required for the electrical connection of our drinkers and antifreeze sets.

IP 54 waterproof.



Maximum power of 50 to 400 W depending on the type.

A transformer may be used with several drinkers.

Please mind the maximum power and cable diameters (see diagram).

REF.	DESIGNATION
A505	Transformer 50 VA for 1 LAKCHO 50 W or of equal value
A504	Transformer 100 VA for 2 LAKCHO 50 W or 1 ISOBAC 100 W or of equal to100 W
A503	Transformer 200 VA for 4 LAKCHO 50 W or 2 ISOBAC 100 W or of equal to 200 W
A501	Transformer 300 VA for 6 LAKCHO 50 W or 3 ISOBAC 100 W or of equal to 300 W
A502	Transformer 400 VA for 8 LAKCHO 50 W or 4 ISOBAC 100 W or of equal to 400 W

REMOTE THERMOSTAT

Remote thermostat to automatically turn on and off electrical antifreeze drinkers based on the air temperature.

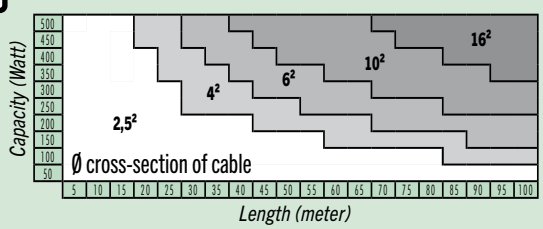
Automatic activation at 2 °C and switch off by means of outdoor sensor.

Waterproof box to be placed on a wall that is exposed to wind and cold.

A thermostat can be sufficient for several drinkers:
Maximum capacity 1200 W.



REF.	DESIGNATION
A532	Remote thermostat for frost-free electric drinkers: Max capacity: 1200 W



Use an electric cable with a suitable diameter for the installation's output. Consult the chart above.

The installation of a fuse on the primary (230 V) and the auxiliary power line of the transformer (24 V) is mandatory.

F130 EL
24V/30W or 80W

Stainless steel drinking bowl with outer shell in cast iron and pre-installed 30 or 80 W / 24 V heating element for frost protection.

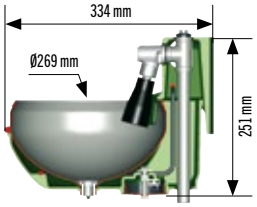
Sturdy, deep, non-spill and compact.
Connection ½" (15x21) female from top / bottom.
4 fixing points Ø14 mm.

NEW

Cast iron with Polycoat coating



1. Stainless steel bowl and valve.
2. The push tube with jet breaker supplies water without splashing.
3. Drain plug.
4. The heating element for the F130 EL surrounds both bowl and valve.





Transformer 230/24 V required, delivered separately.

REF.	DESIGNATION
3246	Drinking bowl with heating element 30 W - 24 V
3247	Drinking bowl with heating element 80 W - 24 V for the northern countries









Transformer of 230/24 V obligatory, ref. A505 or A504. See opposite.

NEW



Ref.

A532	Remote thermostat for frost-free electric drinkers: for automatic on/off switching with outside sensor - in watertight cabinet (Max. capacity supported 1200 W)
A354	Metal protection frame in galvanised steel for F130 EL
A319	Set of 2 galvanised steel brackets for mounting F130 EL on tube
C162	Heating cable 24 V / 30 W - Length: 1,50 m (4,9 ft), to protect water supply

Wall-Mounted Drinker

NORMANDY

Compact HDPE drinker with push tube or constant level.
4 wall fixing points.



1. Adjustable constant level or very easily operated push tube.
2. Stainless steel valve cover and anti-nibbling edge.
3. Large access door for water connection and installation of anti-freeze power set.
4. Draining without tools.

Very sturdy rotomoulded seamless HDPE construction, food-safe and UV resistant. Top or bottom connection to the water supply line: Connection made easy by means of pre-installed ¾" (20x27) stainless steel braided hose. Large bowl, quick and easy to clean.

REF.	DESIGNATION	PACKAGING
1716	NORMANDY with push tube valve	Carton apiece
1717	NORMANDY with float valve	Carton apiece

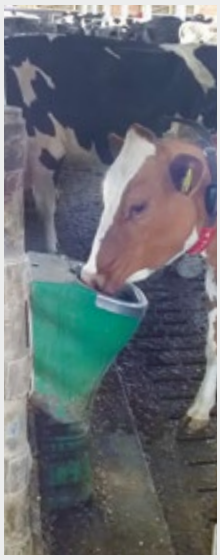
Metal protection to protect water supply lines. Fit for tubes with insulating foam jacket.


A358

Insulated PU-foam-filled double-walled HDPE stand to protect water supply lines from below. Very high shock resistance. Wall-mounted to save space.

Can be cut into 2.
You can install 2 NORMANDY drinkers using one A576 stand (see our advice).


A576



Ref.

A358	Metal protection profile in galvanised steel - useful dim. L. 750 x W. 60 x D. 75 mm.
A576	PU-foam-filled HDPE stand – Height 560 mm

FROST PROTECTION

Anti-freeze power set 24V/80W to be installed under the bowl of a NORMANDY. Protects both the valve and the bowl from freezing **down to -20°C (-4°F).**


A396


A504


A532

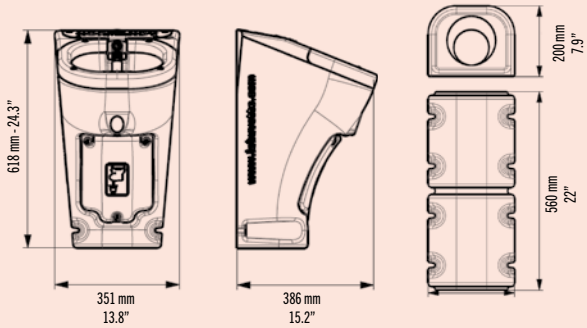
NEW

Heating wire 24V/30W for water supply line up to a length of 1.5 m. Closed loop connection to the Normandy's power set (sold separately).


C162

Ref.

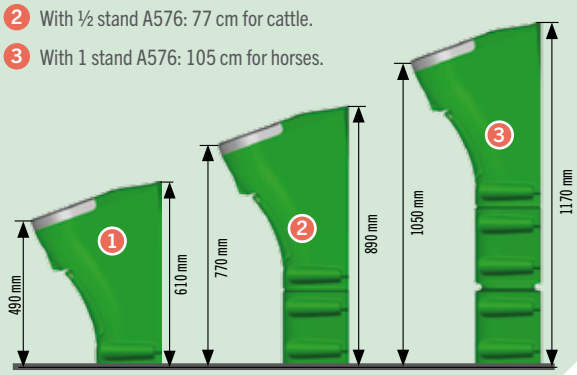
A396	Anti-freeze power set of 80 W/24 V to protect the bowl and valve.
A504	100 VA transformer for 1 NORMANDY with A396 and C162
C162	Heating cable 24 V / 30 W - Length: 1,50 m (4,9 ft), to protect water supply
A532	Remote thermostat for automatic on/off switching with outside sensor - in watertight cabinet (Max. capacity supported 1200 W)



LA BUVETTE developed the first connected watering system to monitor and control the water intake of race and other sport horses: the BLUE INTELLIGENCE™ solution.
More information on **www.blueintelligence-labuvette.com.**

Adapt the height to the size of the animals for more comfort and less dirt in the drinker.

1. Without stand A576: 49 cm for veals and sheep.
2. With ½ stand A576: 77 cm for cattle.
3. With 1 stand A576: 105 cm for horses.



Electric Frost-Free Drinkers On Stand

VIDEO TUTORIAL
on facebook
/labuvette.bovin

frost-free solutions



STALCHO 2
24V/50W or 80W

EXTRA-large anti-frost drinker in HDPE with large horizontal paddle to be mounted on a stand.
Identical specifications as LAKCHO 2 with stainless steel paddle valve.

13 L/min. at 3 bar





Electric frost protection system, (same as LAKCHO 2) efficient down to -20 °C (-4°F): Heating element 24 V/50 or 80 W.
Also available without frost protection.

Transformer 230/24 V required, delivered separately.

REF.	DESIGNATION
1641	Bowl with stainless steel paddle and heating element 24 V - 50 W
1841	Same as 1641 with heating element 24 V - 80 W (northern countries)
1731	Same as 1641 without heating element



A503 / A504 / A505



A532

Transformers (230/24 V) shell-type. European norm EN 60.742.
Required for the electrical connection of our drinkers and antifreeze sets.

Ref.	
A505	Transformer 50 VA for 1 LAKCHO 50 W or of equal value
A504	Transformer 100 VA for 2 LAKCHO 50 W or 1 ISOBAC 100 W or of equal to100 W
A503	Transformer 200 VA for 4 LAKCHO 50 W or 2 ISOBAC 100 W or of equal to 200 W
A532	Remote thermostat for frost-free electric waterers: Automatic on/off according to the temperature (3°C / 37.4°F). Watertight cabinet. Max capacity: 1200 W

LAKCHO 2
24V/50W or 80W

EXTRA-large frost-free HDPE bowl with constant water level, to be mounted on a PE or concrete stand (int. ø 300 mm)

10 L/min. at 3 bar



1. Water access 320 x 200 mm, maximum reserve of 5,5 litres
2. Seamless HDPE design
3. Simplified mounting system
4. Stainless steel edge and cover
5. Drain system without tools / Operation indicator light

Electric frost protection system, efficient down to -20 °C (-4°F).
½" female fitting complete with 1 m stainless steel braided hose.

Transformer 230/24 V required, delivered separately.

REF.	DESIGNATION
1640	Bowl with constant water level and heating element 24 V - 50 W
1840	Same as 1640 with heating element 24 V - 80 W (northern countries)
1730	Same as 1640 without heating element

LAKCHO 2
24V/180W "WARM WATER"

Version with 180W heating element to distribute lukewarm water.
Replaces CALDOLAC 5.
Ideal for 15 dairy ewes.

10 L/min. at 3 bar



WARM WATER



Internal thermostat. Water at +10 to +15°C. (50°F to 59°F)

Transformer 230/24 V required, delivered separately.

REF.	DESIGNATION
1642	Bowl with constant water level and heating element 24 V - 180 W with internal thermostat (to supply warm water)

- Dairy cows prefer to drink heated water. Giving them lukewarm water helps limit a decrease in milk production, especially in the wintertime.
- Polyethylene reduces the heat exchange with the external atmosphere and maintains the lukewarm temperature of the water longer than a metal trough.
- It is a good idea to distribute the lukewarm water of the milk pre-cooler to the big DAIRYNOX 600 trough, see page 41.

WARM WATER

Electric Frost-Free Stainless Steel Drinking Bowl On Stand

BIGCHO 2
24V/50W or 80W

Frost-free non-spill drinker with constant water level to be mounted on a stand.
Easy installation: 6 mounting positions. Largely proportioned bowl for installation between 2 pens.

8 L/min. at 3 bar

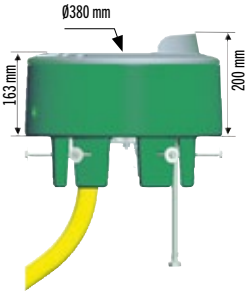


1. Stainless steel bowl and cover.
2. Stainless steel bowl and cover.
3. Double skin H.D.P.E. base, insulated by polyurethane foam.



Electric frost protection system, efficient down to -20 °C (-4°F): Heating element 24 V/50 or 80 W.
Also available without frost protection.

- Bowl depth: 100 mm
- Bowl capacity: 5.5 litres
- To be mounted on polyethylene or concrete stand (int-Ø 300 mm - 11,8").
- Drinking height: 560 mm (22") on 400 mm (15,7") PE stand, 760 mm (30") on 600 mm (23,6") PE stand, 900 mm(35,5") on 740 mm (29,1") PE stand.
- S. s. threaded drain plug, s. s. ½" braided hose and drain hose are included.



Transformer 230/24 V required, delivered separately.

REF.	DESIGNATION
1639	Stainless steel non-spill bowl, constant water level, with heating element 24 V - 50 W
1839	Same as 1639 with heating element 24 V - 80 W (northern countries)
1712	Same as 1639 without heating element

BIGSTAL 2
24V/50W or 80W



Frost-free non-spill drinkers with wide horizontal paddle to be mounted on a stand.

Same specifications as BIGCHO 2 with stainless steel paddle.

12 L/min. at 3 bar

Stand sold separately.
Transformer 230/24 V required, delivered separately.

REF.	DESIGNATION
1643	Stainless steel non-spill bowl, stainless steel paddle, with heating element 24 V - 50 W
1843	Same as 1643 with heating element 24 V - 80 W (northern countries)
1713	Same as 1643 without heating element



HDPE-STAND

Foam-insulated PE Stand with a hole for drain hose.
(Plug included).



H 250 mm: For sheeps and goats.

H 400 mm: For calves, sheeps, goats, ponies...

H 600 mm: Ideal for cattle in the existing buildings.

H 1000 mm : H660 for embedding.

H 740 mm: Especially designed for horses.

REF.	DESIGNATION
A574	Height 1000 mm to be embedded in 400 mm concrete
A573	Height 740 mm to be fixed to the floor ; especially designed for horses.
A572	Height 600 mm to be fixed to the floor
A570	Height 400 mm to be fixed to the floor
A577	Height 250 mm to be fixed to the floor

The LA BUVETTE® stands are sturdier and easier to install than concrete stands. The double-walled polyethylene is filled with insulating polyurethane foam to ensure perfect thermal insulation.

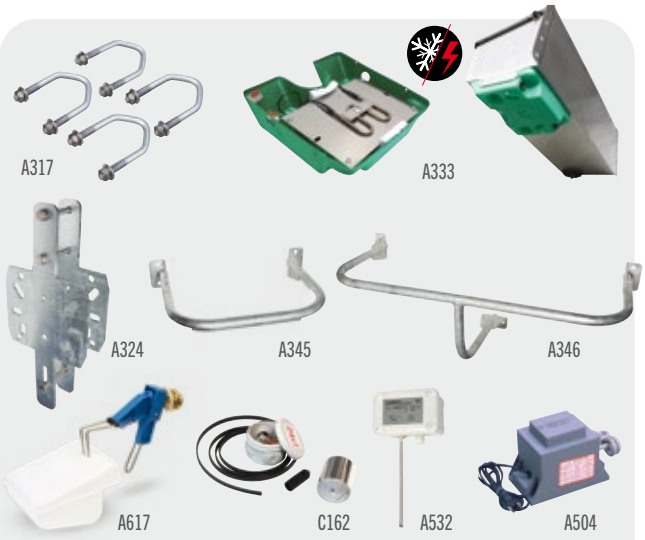
They are equipped with a drain hole for drinkers with a drain plug.





Single-Access Stainless Steel Waterer





Transformer 230/24 V is required delivered separately.

Ref.	
A317	Mounting bracket for fence
A324	Back-to-back mounting brackets (on fence) (2 x A324 for 1 to 2 drinker)
A333	24 V - 80 W frost protection set. Transformers sold separately
A345	Metal protection frame in galvanised steel for EASY-STALL 45
A346	Metal protection frame in galvanised steel for EASY-STALL 100
A617	Float valve for low pressure (blue color) (< 1 bar) ; 15 L/min. at 0,2 bar)
C162	Heating cable 24 V / 30 W - Length: 1,50 m (4,9 ft), to protect water supply
A532	Remote thermostat for frost-free electric drinkers: for automatic on/off switching with outside sensor - in watertight cabinet (Max. capacity supported 1200 W)
A504	Transformator 100 VA for 1 EASY-STALL with A333 and C162

The forward-inclined trough of the EASY-STALL 100 allows two adult bovine animals to drink simultaneously with high drinking comfort.

Its high flow rate and water reserve of 60 litres are adapted to the needs of the highest-yielding animals.

We recommend to empty and brush the trough at least every week.



EASY-STALL 45 / 100

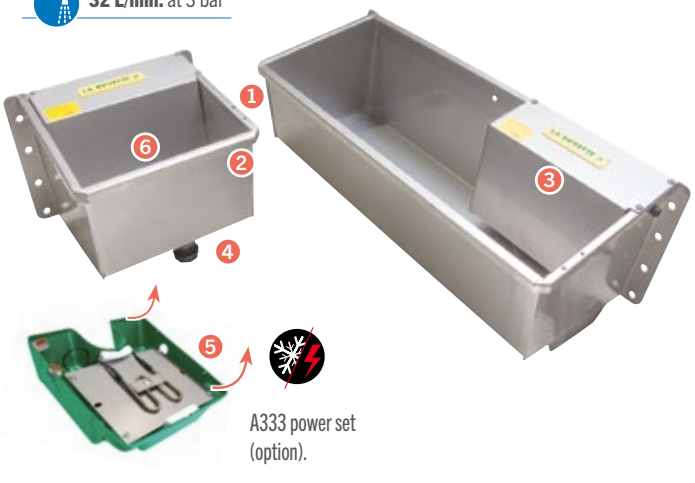
Wall-mounted stainless steel drinking trough for all cattle. Forward-inclined trough with **large water access:**

EASY-STALL 45: 35x22 cm (13.8" x 8.7"). Reserve of **25 L** (6.60 USG). Suitable for 10 dairy cows or 15 nursing cows.

EASY-STALL 100: 90x36 cm (35.4" x 14.2"). Reserve of **60 L** (15.85 USG). Suitable for 20 dairy cows or 30 nursing cows.

High flow valve. Brass fitting ¾" (20 x 27 mm) M.

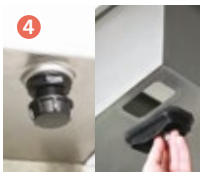
32 L/min. at 3 bar



A333 power set (option).

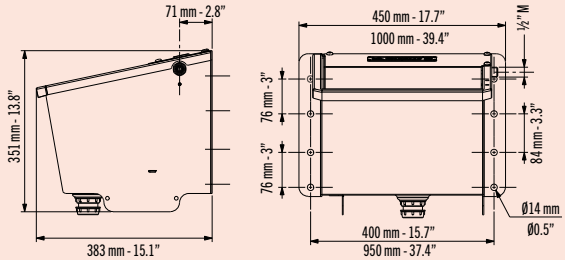






1. **25 or 60 litres content with forward-inclined access for greater comfort.**
2. **Sturdy design made of stainless steel with rounded edges for animal security.**
3. **Float valve 32 l/min (at 3 bar)** protected by stainless steel cover. Easily adjustable water level. Water inlet ¾" (20x27 mm) male from the right.
4. **Drain without tools Ø1" ¼ screw plug or 95x50 mm depending of the model.**
5. Suitable for installation of **electrical anti-freeze element 80W/24V ref. A333 effective down to -20 °C.**
6. **Wall mounting 4 points. 8 anchorage points.** Suitable for mounting on a fence with accessories A317 or A324.

REF.	DESIGNATION
2425	EASY-STALL 45 Stainless steel drinker with float valve
2426	EASY-STALL 100 Stainless steel drinker with float valve



Recommended height (drinking height): 70 to 90 cm (27.6" to 35.4")

Double-Access Stainless Steel Waterer

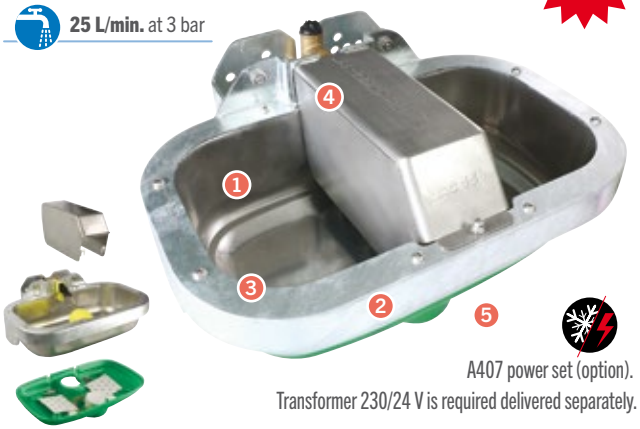
LAC 550

Stainless steel dual-access drinking trough suitable for all types of animals, ideal for mounting on a post between two pens. **Stainless steel bowl protected by a galvanised steel angle bracket. High-flow** float valve with a ¾" (20x27 mm) connection.

Can be mounted on a flange or on H-shaped posts (IPN) up to 300 mm (11.8") wide using reversible mounting plates.

NEW

25 L/min. at 3 bar



A407 power set (option).
Transformer 230/24 V is required delivered separately.

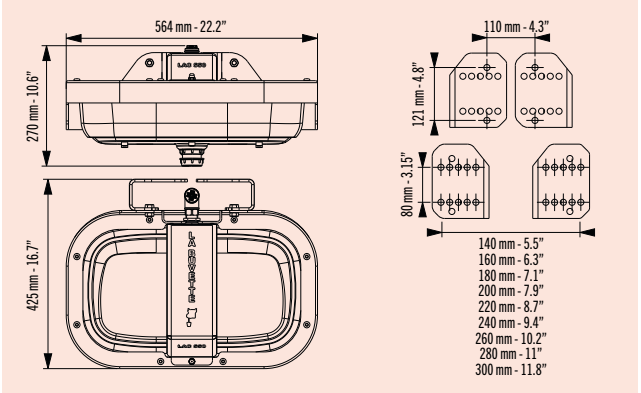






1. **Easy-to-clean 16-litre deep-drawn stainless steel tank with two large water access measuring 27.5 x 19 cm.**
2. **Compact design, just 56 cm wide.**
3. **Highly robust galvanised steel protective corner frame** with rounded shapes incorporating a non-spill edge.
4. **25 l/min float valve** (at 3 bar) protected by a stainless steel cover. Easily adjustable water level. ¾" water inlet (20x27 mm) with multi-directional T-fitting.
   Drainage without tools: Ø1¼" hole.
5. Option to fit a **70W/24V electric anti-freeze kit** (ref. A407), effective down to -20°C.
6. **Reversible mounting plates** to allow installation on an H-shaped post up to 300 mm wide.

REF.	DESIGNATION
3275	LAC 550 double stainless steel drinker with float valve







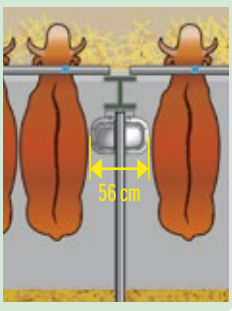
Ref.	
A331	Mounting bracket for drinkers on pole Ø 102 mm (4") and «Trèfle»
A336	Mounting bracket on H-shaped post (without drilling ; 100-200 mm wide)
A337	Mounting bracket for drinkers on pole Ø 140 mm (5"½) and «Trèfle»
A367	Connection set for water circuit: 2 stainless steel tubes ¾" male
A407	24 V - 70 W frost protection set for LAC 550.
C162	Heating cable 24 V / 30 W - Length: 1,50 m (4,9 ft), to protect water supply
A504	Transformator 100 VA for 1 LAC 550 with A407 and C162
A532	Remote thermostat for frost-free electric drinkers: for automatic on/off switching with outside sensor - in watertight cabinet (Max. capacity supported 1200 W)

With its compact design (56 cm wide - 22"), the LAC 550 drinking trough provides a truly independent water supply point in each pen without taking up space at the yokes.

Two cattle from adjacent pens can drink comfortably at the same time.

The section of the barrier passing over the drinking trough no longer obstructs access to water.





Single-Access Stainless Steel Waterer



In cold climates, the POLYSTALL can be equipped with 1 to 2 anti-freeze elements A333, effective down to -20 °C.





Transformer 230/24 V is required (delivered separately, see page 24).

Ref.

A372	Side mounting support - patented
A317	Mounting bracket for fence
A333	24 V - 80 W frost protection set. Transformers to order separately
A332	Single door set for POLYSTALL in double-walled polyethylene
A363	Connection set for water circuit: Stainless steel tube ¾" + ½" T + Rotary union
A532	Remote thermostat for frost-free electric drinkers: for automatic on/off switching with outside sensor - in watertight cabinet (Max. capacity supported 1200 W)
C162	Heating cable 24 V / 30 W - Length: 1,50 m (4,9 ft), to protect water supply

The optional bracket A372 allows you to install a single-access POLYSTALL at the end of corridors between cubicles. This means the animal drinks in the mechanically scraped area and does not soil the passageway.



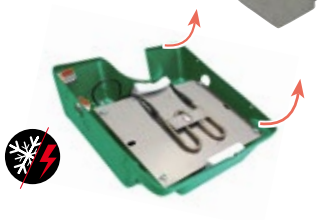
POLYSTALL PREMIUM

Single-access wall-mounted stainless steel drinker with constant water level and **double-walled polyethylene door.**

High flow rate valve.
Connection ¾" (20x27).



32 L/min. at 3 bar

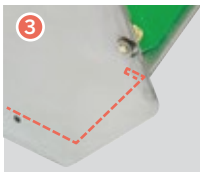


A333 power set (option).



Standard version, without door.

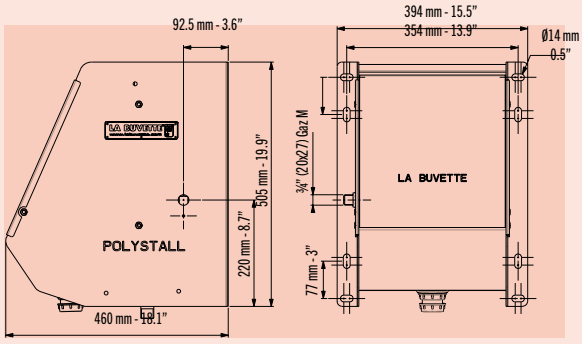






1. **Double-walled polyethylene door** (only on PREMIUM version):
   - Protection from impurities (litter, birds, dung...)
   - Insulating capacity to protect against the first cold.
   - Easier cleaning and maintenance
2. **Valve 32 l./min.** (flow rate measured at 3 bar) with shutoff pin. On single access drinkers the water supply can be connected from the left or the right.
3. **Double inward folded non-spill edge.** No salient parts.
4. **Bulkhead screw-in drain plug.**

REF.	DESIGNATION
1609	Single-access s.s. drinker with float valve and one double-walled polyethylene door
1607	Same as 1609 with no door



Double-Access Stainless Steel Waterer

POLYSTALL TWIN PREMIUM

Double-access wall-mounted stainless steel drinker with constant water level and **double-walled polyethylene doors.**

High flow rate valve.

Connection ¾" (20x27).



32 L/min. at 3 bar



A333 power sets (options).

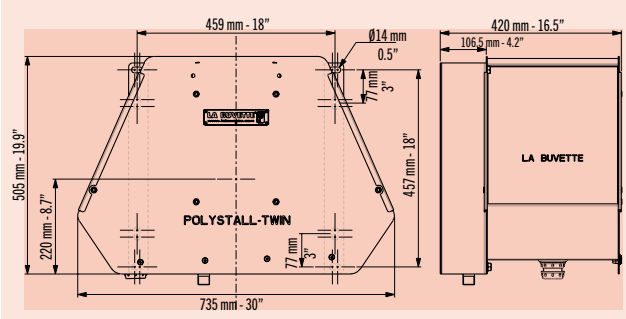
Accessories on page 30.





Standard version, without door.

REF.	DESIGNATION
1610	Double-access s.s. drinker with float valve and two double-walled polyethylene doors
1608	Same as 1610 with no door







With the POLYSTALL TWIN PREMIUM, both the water and the floor stay perfectly clean

WITH THE POLYSTALL TWIN PREMIUM, BOTH THE WATER AND THE FLOOR STAY PERFECTLY CLEAN

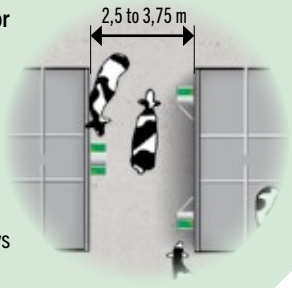
I installed a POLYSTALL TWIN PREMIUM at the end of a passageway, between two cubicles. The cows got easily accustomed to drinking from either side of the barrier two at the same time. The polyethylene doors keep the water clean, the animals do not spill water and the floor underneath the drinker stays dry. It is also easy to install: I mounted it on two bar in less than an hour.





The POLYSTALLs are perfects for rather narrow passageways between cubicles.

It allows cows to drink standing parallel to the wall without hindering the free movement of the other cows. Another advantage is that there will be less cow dung in the passageways between the cubicles.



Stainless Steel Tipping Troughs



FROST PROTECTION

Anti-freeze power set for the trough: 2 heating elements of 24 V - 175 W glued under the stainless steel trough The polyethylene cover optimizes the heat transfer to the trough. Set recommended for regions with risk **of high frost.**

A393



Anti-freeze power set for the valve: 24 V - 20 W heating element to insert into the valve: recommended for risk of **low** (alone) or **high frost** (combined with trough anti-freeze set).



A395



Anti-freeze power set for the water supply 24 V - 30 W heating wire to protect up to 1,50 m of pipe (loop connection).

Transformer 230/24 V is required (delivered separately, see Accessories)..

Anti-freeze circulation set for the trough. Recommended for risk of **low frost.** SPEED-FLOW cirulation pump and THERMOFLOW heater, p. 20-21.



A398



A338

Ref.

A393	Power set for LB 150: 24 V / 350 W (2 x 175 W)
A395	Heating element: 24 V / 20 W
C162	Heating cable 24 V / 30 W - Length: 1,50 m (4,9 ft), to protect water supply
A398	Circulation set for LB 150 (stainless steel pipe immersed inside the trough + fittings)
A338	Extra PE side cover with screws

LB150

NEW

Stainless steel tipping trough for dairy cows kept inside.

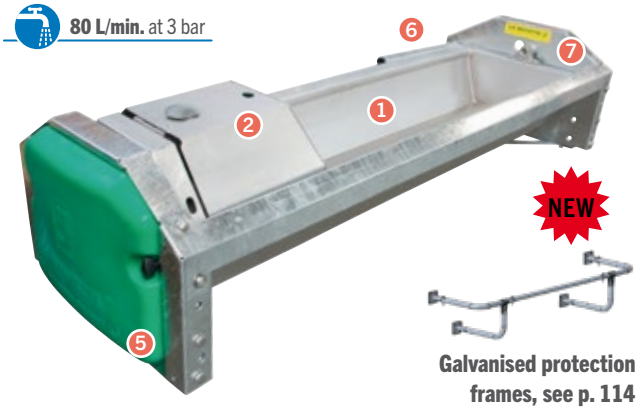
Suitable for up to 3 cows drinking at the same time.

For wall mounting, but can be installed on floor with feet (see accessories).

Several frost protection set are available (see Frost protection).

JUMBO 80 L/min

80 L/min. at 3 bar



Galvanised protection frames, see p. 114







1. **Stainless steel trough of** 53 litres linking sturdiness and food safety. Specially folded non-spill edge to minimize water loss and avoid splashing. **Galvanised steel reinforcement with anti-torsion bar under the trough.**
2. **New all-stainless-steel tap cover that lifts up without the need for tools or detachable parts.**
3. **80 l./mn. valve** (measured flow rate at 3 bar) with water shut off pin
4. **¾" swivel fitting with 2 entries:** can be connected to a SPEED-FLOW circulation pump (p. 20) without extra accessories.
5. **A HDPE side plate** avoids all contact between the animals and the water supply. Its insulating capacity protecting it from frost.
6. **Big lever foldaway** with blocking anti-fall.
7. **Finger safety.**

REF.	DESIGNATION
2092	Tipping trough LB150 - 53 L - 80 l/min (3 bar)



D201



A502



A532

Ref.

D201	Set of galvanised feet
A502	Transformator 230/24 V - 400 VA for LB with power set
A532	Remote thermostat for frost-free electric drinkers: for automatic on/off switching with outside sensor - in watertight cabinet (max. capacity supported 1200 W)

Stainless Steel Tipping Troughs

LB230

NEW

Stainless steel tipping trough for dairy cows kept inside

Suitable for up to 5 cows drinking at the same time.

Same specifications as LB 150. Capacity 85 litres.

JUMBO 80 L/min

80 L/min. at 3 bar



Galvanised feet sold separately, Ref. D201.

REF.	DESIGNATION
2093	Tipping trough LB230 - 85 L - 80 l/min (3 bar)

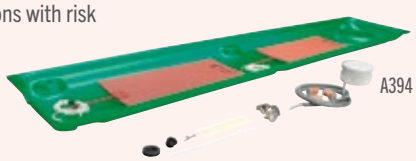


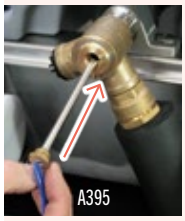


A range of protection frames, on the ground or wall-mounted, with or without a withers bar, is now available for all our large drinking troughs.
See page 116.

FROST PROTECTION

Anti-freeze power set for the trough:
2 heating elements of 24 V -175 W glued under the stainless steel trough. The polyethylene cover optimizes the heat transfer to the trough. Set recommended for regions with risk **of high frost.**


A394


A395

Anti-freeze power set for the valve:
24 V - 20 W heating element to insert into the valve: recommended for risk of **low** (alone) or **high frost** (combined with trough anti-freeze set).

Anti-freeze power set for the water supply
24 V - 30 W heating wire to protect up to 1,50 m of pipe (loop connection).


C162

Transformer 230/24 V is required (delivered separately).

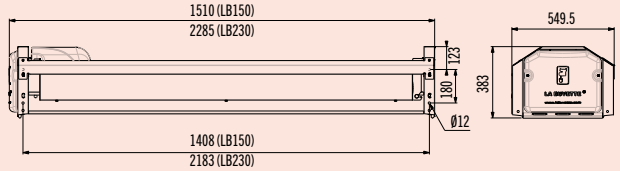
Anti-freeze circulation set for the trough. Recommended for risk of **low frost.** SPEED-FLOW cirulation pump and THERMOFLOW heater, p. 20-21.


A399


A338

Ref.

A394	Power set for LB230: 24 V / 350 W (2 x 175 W)
A395	Heating element: 24 V / 20 W
C162	Heating cable 24 V / 30 W - Length: 1,50 m (4,9 ft), to protect water supply
A399	Circulation set for LB230 (stainless steel pipe immersed inside the trough + fittings)
A338	Extra PE side cover with screws




D201 A502 A532

Ref.

D201	Set of galvanised feet
A502	Transformator 230/24 V - 400 VA for LB with power set
A532	Remote thermostat for frost-free electric drinkers: for automatic on/off switching with outside sensor - in watertight cabinet (Max. capacity supported 1200 W)

The cleanliness of the drinking water is an aspect that cannot be neglected if you want to keep up the productivity of your dairy cows. In fact, cattle can detect a content of 0.05 g dung per litre of water (Willms, 2002).

When the concentration reaches 2.5 g/l, the water consumption is affected and as soon as it is over 5 g/l the ingestion of dry matter is also reduced.

Mount your drinkers at 70-80 cm (27.5-31.5") from the ground to reduce soiling.

Clean the drinkers with a brush at least once a week.
This maintenance is made easy by the shut off pin on the LA BUVETTE drinkers allowing to close the valve.

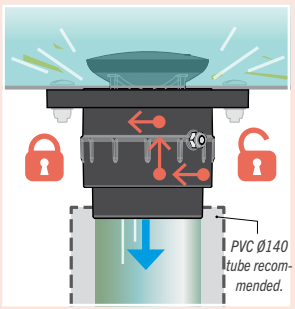
INDOOR DRINKING SYSTEMS: “GV” LARGE DRAIN STAINLESS STEEL TROUGHS

Stainless steel is often chosen for its sturdiness and hygienic qualities. However, the troughs still have to be cleaned regularly.
To make this job easier and to be able to always supply clean water to the herd, the GV drinkers have an inclined tub in one piece and an exclusive large drain that keeps your hands dry.

EASY AND EFFICIENT Ø100 MM “DRY-HANDS” DRAIN

The drain plug of the GV trough is operated from below the trough in 3 movements:

1 : Turn the ring to unlock,
2 : Lift the ring,
3 : Turn to lock it in top position.



Watch footage of the installation tutorial on **YouTube.com/@LABUVETTE_Agri/shorts**

5 LARGE STAINLESS-STEEL DRINKING TROUGHS WITH LARGE DRAIN AND A LENGTH OF 1.10 TO 4.60 M

NEW

The new GV range features inclined stainless steel one-piece tanks with anti-waste rims, high-flow valve protected by a stainless steel cover, and a large 'dry-hand' drain.



80 L/min (at 3 bar) JUMBO float valve fitted as standard.*

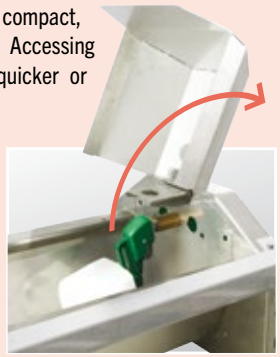
From the smallest GV110, which is ideal in the holding area of buildings with a milking robot and when it is necessary to give up a cubicle for the installation of a drinker to the longer GV300 and GV460 troughs that are perfect at the exit of the milking parlour, all GV drinking troughs can be mounted on the wall or on optional feet.

LIFT-UP STAINLESS STEEL COVER

NEW

The LB tipping troughs and GV quick draining troughs feature now a compact, lift-up stainless steel cover*. Accessing the valves has never been quicker or easier!





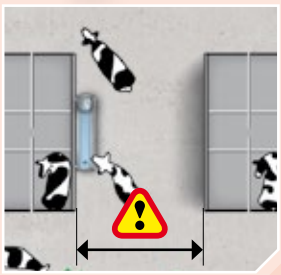




To unlock the cover, simply align the two markers by turning the knob.

Watch the video on **YouTube.com/@LABUVETTE_Agri/shorts**

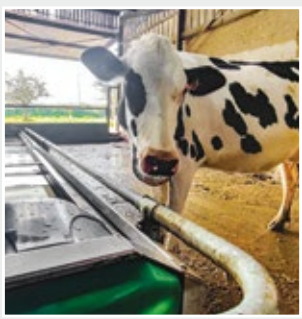
The passageway must be sufficiently wide (3,75 m) allowing the cows to drink without hindering the free movement of the other cows, especially at the exit of the milking parlour and in the busy passageways (4,5 m).



PROTECTION FRAMES

NEW

A range of protection frames, on the ground or wall-mounted, with or without a withers bar, is now available for all our large drinking troughs. **See page 116.**

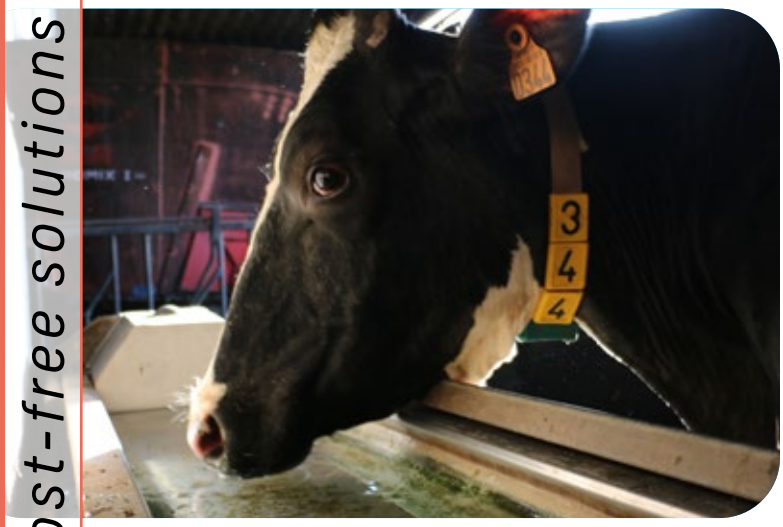




** except GV110, 32 l/min at 3 bar and removable stainless steel cover.*

Stainless Steel Rapid-Drain Troughs

PATENTED

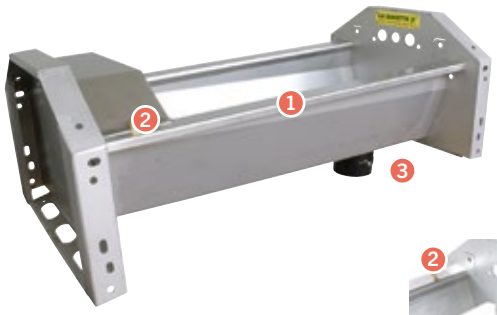


GV110

Compact stainless steel trough with large drain.

Suitable for up to **2 cows drinking at the same time**.

For wall mounting, but can be installed on floor with feet (see accessories).





32 l/mn at 3 bar

L. 1056 x W. 548 x H. 443 mm *(41.6"x 21.6"x 17.4")*

1. **Stainless steel trough** of 57 litres linking sturdiness and food safety. With **slanted bottom** for easier cleaning and specially **folded non-spill edge** to minimize water loss and avoid splashing. **Only 105 cm long:** can easily be installed instead of a cubicle or between two rows of cubicles
2. **Compact valve protected by a stainless steel cover that can be removed without tools** (brass fitting, ¾" M supplied. Stainless steel braided hose sold separately ref. A480)
3. **"Hands dry" Ø100 mm drain plug.**

REF.	DESIGNATION
2412	Rapid-drain trough GV110 - 57 L - 32 l/min (3 bar)



"Hands dry" Ø100 mm drain plug:

The drain plug can be opened and closed in a single movement from underneath the basin, without getting your hands wet. Simple and lockable without the need for tools, this system remains fully functional even in freezing conditions.

The outflow can easily be channelled by fitting a 140 mm diameter PVC pipe.

GV150/230/300

Stainless steel trough with large draining.

Suitable for up to 3/4/5 cows drinking at the same time.

NEW

For wall mounting, but can be installed on floor with feet D201.
Several frost protection set are available (see page 37).

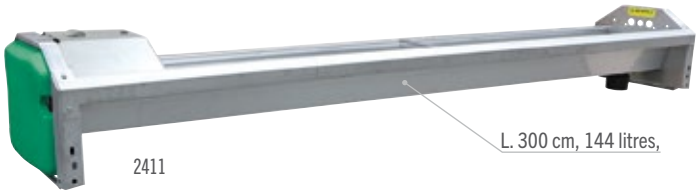
JUMBO 80 L/min



2409 — L. 139 cm, 66 litres,



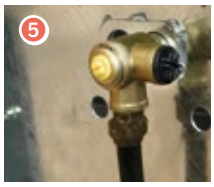
2410 — L. 215 cm, 112 litres,



2411 — L. 300 cm, 144 litres,

80 l/mn at 3 bar

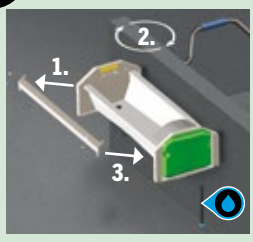






1. **Stainless steel trough** linking sturdiness and food safety. With **slanted bottom** for easier cleaning and specially **folded non-spill edge**.
2. **Stainless steel protective corner guard.**
3. **New stainless steel valve cover with hinges and a lock (no detachable parts).**
4. **80 l./mn. valve** (measured flow rate at 3 bar) with water shut off pin
5. **¾" swivel fitting with 2 entries:** can be connected to a SPEED-FLOW circulation pump (p. 20) without extra accessories.
6. **A HDPE side plate** avoids all contact between the animals and the water supply. It houses the electrical connection of the antifreeze sets.
7. **Draining system Ø 100 mm accessible from below: Hands are kept dry.**

REF.	DESIGNATION
2409	Rapid-drain trough GV150 - 66 L - 80 L/min (3 bar)
2410	Rapid-drain trough GV230 - 112 L - 80 L/min (3 bar)
2411	Rapid-drain trough GV300 - 144 L - 80 L/min (3 bar)



For a water inlet on the right:

1: Remove the stainless steel side guard,
2: Turn the drinker,
3: Refit the guard.

Stainless Steel Rapid-Drain Troughs

PATENTED

GV460

Stainless steel trough with large draining.

Suitable for up to 8 cows drinking at the same time.

NEW

Same specifications as GV150. Capacity 200 litres.

Ideal in the passageways between the cubicles and at the exit of big milking parlours.

JUMBO 80 L/min



80 l/mn at 3 bar

L. 4615 x W. 548 x H. 443 mm
(181.7"x 21.6"x 17.4")





1. Stainless steel lift-up cover requiring no tools and with no detachable parts.
2. Edge protected by a stainless steel angle bracket.
3. Mandatory central reinforcement (supplied) to be fixed to the wall or a post.

REF.	DESIGNATION
2413	Rapid-drain trough GV460 - 200 L - 80 L/min (3 bar)


D201


A502


A532


A615

Ref.

D201	Set of galvanised feet
A502	Transformator 230/24 V - 400 VA for LB with power set
A532	Remote thermostat for frost-free electric drinkers: for automatic on/off switching with outside sensor - in watertight cabinet (Max. capacity supported 1200 W)
A615	Extra low pressure float valve for drinker GV150/230/300/460

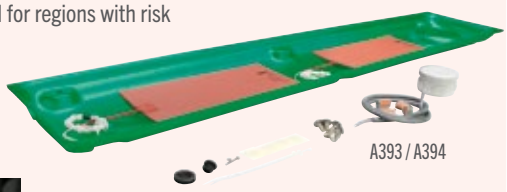


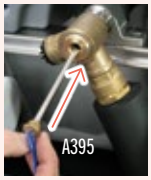
NEW

A range of protection frames, on the ground or wall-mounted, with or without a withers bar, is now available for all our large drinking troughs.
See page 116.

FROST PROTECTION

Anti-freeze power set for the trough:
2 heating elements of 24 V -175 W glued under the stainless steel trough. The polyethylene cover optimizes the heat transfer to the trough. Set recommended for regions with risk **of high frost.**


A393 / A394


A395

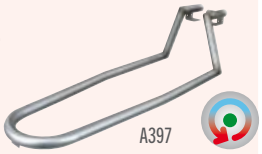
Anti-freeze power set for the valve:
24 V - 20 W heating element to insert into the valve: recommended for risk of **low** (alone) or **high frost** (combined with trough anti-freeze set).

Anti-freeze power set for the water supply
24 V - 30 W heating wire to protect up to 1,50 m of pipe (loop connection).


C162

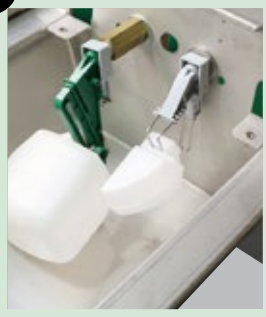
Transformer 230/24 V is required (delivered separately, see Accessories).

Anti-freeze circulation set for the trough. Recommended for risk of **low frost.** SPEED-FLOW cirulation pump and THERMOFLOW heater, p. 20-21.

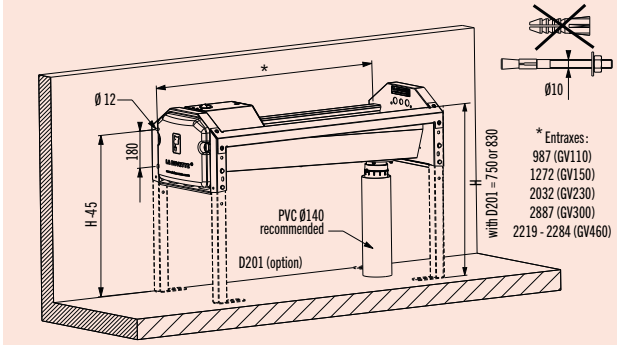

A397

Ref.

A404	Power set for GV110: 24 V / 175 W + side cover
A393	Power set for GV150: 24 V / 350 W (2 x 175 W)
A394	Power set for GV230, GV300 and GV460: 24 V / 350 W (2 x 175 W)
A395	Heating element: 24 V / 20 W
C162	Heating cable 24 V / 30 W - Length: 1,50 m (4,9 ft), to protect water supply
A397	Circulation set for GV150, GV230, GV300 and BAÏKAL 230



The A615 extra low pressure valve allows you to use the GV150, GV230, GV300, GV300 XL and GV460 drinker to supply heated water from the milk pre-cooler. The water must first be kept in an elevated tank. The heated water shall first be supplied to the drinker. The high flow valve remains functional and takes over as soon as the storage tank is empty.



Stainless Steel Rapid-Drain Troughs

GV150 XL

Stainless steel, large-volume drinking trough with large drain. Suitable for 3 cows simultaneously.

Available maximum water volume: 250 litres

Ideal for high demand and installations with weak flow rate.

Compulsory mounting on 4 feet (D201 set, sold separately).

Different frost protection sets available (options).

NEW

JUMBO 80 L/min

80 L/mn. at 3 bar



Dim.: L. 1578 x W. 550 x H. 579 mm
L. 5.2 x W.1.8 x H.1.9 ft







1. **Very rigid, seamless, stainless-steel trough** with inward-folded edge to prevent spilling and injuries. Left/right reversible. **Compact modell:** 150 x 43 cm (59" x 17")
2. **New hinged stainless steel valve cover**
   Valve of 80 l/min (at 3 bar) with locking pin.
   Swivel fitting of ¾" (20x27), 2-ways: connection to circulation system possible without using additional accessories.
3. **PE side-cover to protect water supply and electrical connections if present.**
4. **Large drain of Ø100 mm securely fastened and easy to channel.** Cleaning made easy by the design of the inclined trough.

REF.	DESIGNATION
2415	Rapid-drain trough GV150 XL - 250 L - 80 l/min (3 bar)



D201



A502



A532



A615

Ref.

D201	Set of galvanised feet
A502	Transformator 230/24 V - 400 VA for LB with power set
A532	Remote thermostat for frost-free electric drinkers: for automatic on/off switching with outside sensor - in watertight cabinet
A615	Extra low pressure float valve for drinker GV150/230/300/460

GV230 XL

Stainless steel, large-volume drinking trough with large drain. Suitable for 5 cows simultaneously.

Available maximum water volume: 400 litres

Ideal for high demand and installations with weak flow rate.

Compulsory mounting on 4 feet (D201 set, sold separately).

Different frost protection sets available (options).

NEW

JUMBO 80 L/min

80 L/mn. at 3 bar

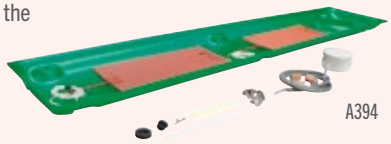


Dim.: L. 2339 x W. 550 x H. 579 mm
L. 7.7 x W.1.8 x H.1.9 ft

REF.	DESIGNATION
2416	Rapid-drain trough GV230 XL - 400 L - 80 l/min (3 bar)

FROST PROTECTION

Anti-freeze power set for the trough: 2 heating elements of 24 V -175 W glued under the stainless steel trough.
Set recommended for regions with risk **of high frost.**



A394



Anti-freeze power set for the valve:
24 V - 20 W heating element to insert into the valve: recommended for risk of **low** (alone) or **high frost** (combined with trough anti-freeze set).

Anti-freeze power set for the water supply
24 V - 30 W heating wire to protect up to 1,50 m of pipe (loop connection).

Transformer 230/24 V is required (delivered separately, see Accessories).



C162

Ref.

A393	Power set for GV150: 24 V / 350 W (2 x 175 W)
A394	Power set for GV230, GV300 and GV460: 24 V / 350 W (2 x 175 W)
A395	Heating element: 24 V / 20 W
A502	Transformator 230/24 V - 400 VA for GV with power set
C162	Heating cable 24 V / 30 W - Length: 1,50 m (4,9 ft), to protect water supply

Stainless Steel Rapid-Drain Troughs

GV300 XL

Stainless steel, large-volume drinking trough with large drain. Suitable for 8 cows simultaneously.

Available maximum water volume: 572 litres

Ideal for high demand and installations with weak flow rate.

Compulsory mounting on 4 feet (D201 set, sold separately).

Different frost protection sets available (options).

JUMBO 80 L/min

80 L/mn. at 3 bar

NEW *Lift-up stainless steel cover*



Dim.: L. 3143 x W. 550 x H. 579 mm
10.3 x 1.8 x 1.9 ft

1. **Very rigid, seamless, stainless-steel trough** with inward-folded edge to prevent spilling and injuries. Left/right reversible
2. **Very large access for 5 cows simultaneously:** 300 x 43 cm (118" x 17") **(even 8 cows if access from both sides)**
3. **New hinged stainless steel valve cover**
   Valve of 80 l/min (at 3 bar) with locking pin.
   Swivel fitting of ¾" (20x27), 2-ways: connection to circulation system possible without using additional accessories.
4. **PE side-cover to protect water supply and electrical connections if present.**
5. **Large drain of Ø100 mm securely fastened and easy to channel.** Cleaning made easy by the design of the inclined trough.

REF.	DESIGNATION
2414	Rapid-drain trough GV300 XL - 572 L - 80 l/min (3 bar)

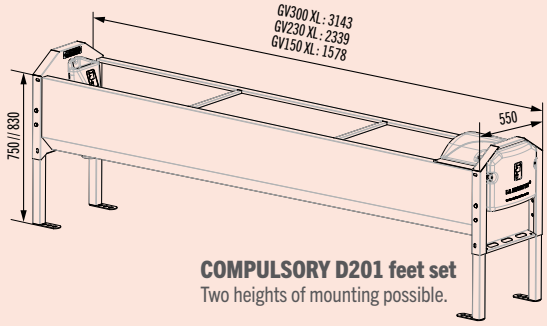


D201 A502 A532 A615

Ref.

D201	Set of galvanised feet
A502	Transformator 230/24 V - 400 VA for LB with power set
A532	Remote thermostat for frost-free electric drinkers: for automatic on/off switching with outside sensor - in watertight cabinet
A615	Extra low pressure float valve for drinker GV150/230/300/460

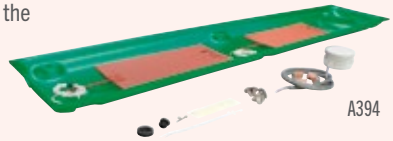




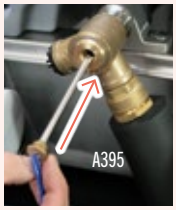
COMPULSORY D201 feet set
Two heights of mounting possible.

FROST PROTECTION

Anti-freeze power set for the trough: 2 heating elements of 24 V -175 W glued under the stainless steel trough. Set recommended for regions with risk **of high frost.**



A394



Anti-freeze power set for the valve:
24 V - 20 W heating element to insert into the valve: recommended for risk of **low** (alone) or **high frost** (combined with trough anti-freeze set).

Anti-freeze power set for the water supply
24 V - 30 W heating wire to protect up to 1,50 m of pipe (loop connection).

Transformer 230/24 V is required (delivered separately, see Accessories).



C162

Ref.

A394	Power set for GV230, GV300 and GV460: 24 V / 350 W (2 x 175 W)
A395	Heating element: 24 V / 20 W
A502	Transformator 230/24 V - 400 VA for GV with power set
C162	Heating cable 24 V / 30 W - Length: 1,50 m (4,9 ft), to protect water supply

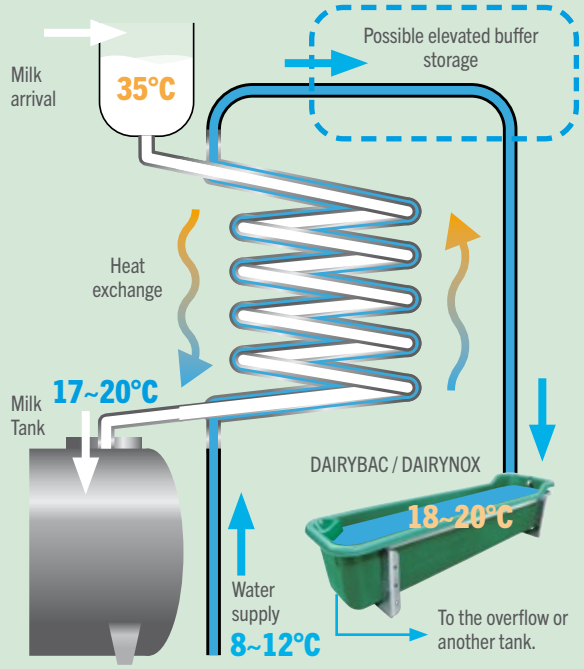
A large water volume is necessary when the flow rate of the installation is weak due to low pressure or other defects.

Large Troughs for the Exit Water from the Milk Precooler



Pre-coolers are becoming increasingly common on dairy farms. They can halve the electricity consumption of milk tanks by lowering the temperature of the milk before it enters the tank.

To avoid wasting water, the warm water generated by the system should be put to good use by using it to water the cows.



LA BUVETTE's high-capacity DAIRY-BAC and DAIRYNOX tanks have been designed for this purpose. Coupling systems between tanks allow for the creation of large reserves, and optional valves enable them to be used as permanent water points. In cold conditions, access to warm water limits the drop in milk production by encouraging water intake.

DAIRY-BAC 400

Large polyethylene trough to offer the lukewarm water from the milk pre-cooler to the cows immediately after milking.

WARM WATER

Galvanised steel frame for wall mounting.

Capacity: 400 litres.





Dimensions: 240 x 66 x 63 cm - 94.5" x 26" x 24.8"

1. Trough of 400 litres in HDPE, a material that keeps the water lukewarm for longer.
2. Reversible one-piece frame. Water supply possible from the left or the right.
3. Drain / overflow Ø100 mm.
4. Stainless steel ¾" elbow fitting for continuous water supply from the precooler. Connection to the water mains possible with optional A624 set.
5. Several DAIRY-BAC 400 can be connected using the A419 set.

REF.	DESIGNATION
2499	400 l. polyethylene trough for milk pre-cooler exit - Galvanised frame

The A624 valve takes the water from the mains as soon as the lukewarm water from the precooler is finished.

There will always be water available in the DAIRY-BAC 400.

32 l/mn at 3 bar

1. Stainless steel cover and protection.
2. Adjustable water level (140/220/280 litres)







Two DAIRY-BAC 400 troughs can be easily paired using the A419 set to achieve a total capacity of 800 litres.

Ref.

A624	Valve sets from 1,5 to 3,5 bar for DAIRY-BAC 400
A419	Pairing set for DAIRY-BAC 400

Large Troughs for the Exit Water from the Milk Precooler

DAIRYNOX 400

NEW

Large, seamless, stainless-steel trough to distribute the lukewarm water from the milk precooler immediately after milking.

WARM WATER

Useful capacity: 400 litres

Compulsory mounting on 4 feet (D201 set, see accessories).

Reuses the water from the milk precooler.



Dim.: L. 2293 x W. 550 x H. 579 mm - *7.5 x 1.8 x 1.9 ft*

1. **Very rigid, seamless, stainless-steel, 400-litre trough** with inward-folded edge to prevent spilling and injuries. Left/right reversible
2. **Very large access for 4 cows simultaneously:** 220 x 43 cm **(even 8 cows if access from both sides)**
3. **Large drain of Ø100 mm with overflow, securely fastened and easy to channel.** Cleaning made easy by the design of the inclined trough
4. **Bulkhead plug Ø1"¼ to easily connect a second trough.**

REF.	DESIGNATION
2497	Stainless steel trough of 230 cm for milk precooler - 400 litres

DAIRYNOX 600

Large, seamless, stainless-steel trough to distribute the lukewarm water from the milk precooler immediately after milking.

WARM WATER

Useful capacity: 572 litres

Compulsory mounting on 4 feet (D201 set, see accessories).

Reuses the water from the milk precooler.





Dim.: L. 3083 x W. 550 x H. 579 mm
10.1 x 1.8 x 1.9 ft

REF.	DESIGNATION
2498	Stainless steel trough of 310 cm for milk precooler - 572 litres

DAIRYNOX 250

NEW

Large, seamless, stainless-steel trough to distribute the lukewarm water from the milk precooler immediately after milking.

WARM WATER

Useful capacity: 250 litres

Compulsory mounting on 4 feet (D201 set, see accessories).

Reuses the water from the milk precooler.



REF.	DESIGNATION
2496	Stainless steel trough of 150 cm for milk precooler - 250 litres

Valve set with constant level to turn the DAIRYNOX into a permanent water point. When the water from the precooler diminishes, water will be taken from the network. Adjustable constant level on three heights. Max. pressure: 4 bar.









Ref.

A631	Valve set with constant level for DAIRYNOX 250/400/600
A393	Power set for DAIRYNOX 250 trough: 24 V / 350 W (2 x 175 W)
A394	Power set for DAIRYNOX 400 and 600 trough: 24 V / 350 W (2 x 175 W)
A502	Transformer 230/24 V - 400 VA for power set A393 or A394
D201	Set of 4 galvanised feet - MANDATORY

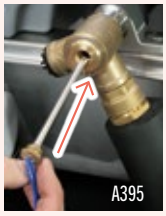
Large Waterer With Stainless Steel Trough And HDPE Base



FROST PROTECTION

Anti-freeze power set for the trough: 2 heating elements of 24 V -175 W glued under the stainless steel trough. The polyethylene base directs the heat to the stainless steel trough and provides proper insulation.
Set recommended for regions with risk **of high frost.**


A402

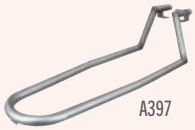

A395

Anti-freeze power set for the valve:
24 V - 20 W heating element to insert into the valve: recommended for risk of **low** (alone) or **high frost** (combined with trough anti-freeze set).

Anti-freeze power set for the water supply
24 V - 30 W heating wire to protect up to 1,50 m of pipe (loop connection).


C162

Transformer 230/24 V is required (delivered separately, see accessories).


A397

Anti-freeze circulation set for the trough. Recommended for risk of **low frost.** SPEED-FLOW cirulation pump and THERMOFLOW heater, p. 20-21.

Ref.

A402	Power set for BAÏKAL230 - 24 V / 350 W (2 x 175 W)
A395	Heating element: 24 V / 20 W
C162	Heating cable 24 V / 30 W - Length: 1,50 m (4,9 ft), to protect water supply
A397	Circulation set for BAÏKAL 230 (stainless steel pipe immersed inside the trough)


A502


A532

Ref.

A502	Transformer 230/24 V - 400 VA for BAÏKAL230 with power set
A532	Remote thermostat for frost-free electric drinkers: for automatic on/off switching with outside sensor - in watertight cabinet (Max. capacity supported 1200 W)

BAÏKAL 230

Large waterer with stainless steel trough and HD polyethylene base. Valve and trough design for large herds. Up to 5 animals can drink at the same time. The concept of STAINLESS STEEL + PE optimizes the resistance to the cold (different sets to keep your drinkers frost-free, see FROST PROTECTION).

JUMBO 80 L/min

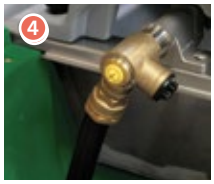
80 l/mn at 3 bar



NEW

Protection frames : see p. 116



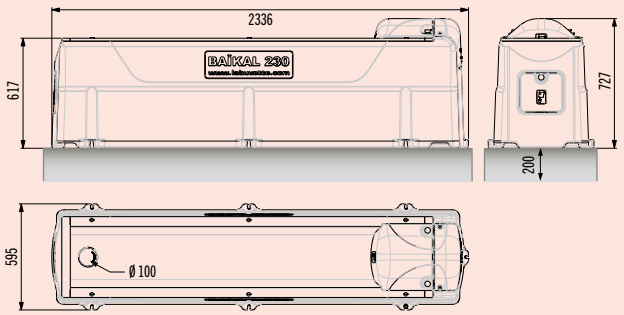




1. **Stainless steel trough** of 112 litres linking sturdiness and food safety. With **slanted bottom** for easier cleaning and specially **folded non-spill edge** to minimize water loss and avoid splashing.
2. **The valve is protected** against the animals by an **insulating double-walled HD-Polyethylen cover** also serving as a first protection from frost.
3. **80 l./mn. valve** (measured flow rate at 3 bar) with water shut off pin
4. **¾" swivel fitting with 2 entries:** can be connected to a SPEED-FLOW circulation pump (p. 20) without extra accessories. **A mechanical compartment** allows easy access to the different connections.
5. **"Dry hands" quick draining system:** The PE cover allows access without having to wet your hands. The **Ø 100 mm plug** is not affected by frost.

7 fixing points on concrete base with a minimum height of 20 cm.

REF.	DESIGNATION
2432	Drinking trough BAÏKAL 230 - 112 L - 80 L/min (3 bar)



The BAÏKAL 230 has to be installed on a concrete base with a minimum height of 20 cm (8").

Double Waterer With Stainless Steel Trough And HDPE Base

MICHIGAN DUO

Double waterer with stainless steel trough and HD polyethylene base. Valve and trough design for all herds.

The concept of STAINLESS STEEL + PE optimizes the resistance to the cold (different sets to keep your drinkers frost-free, see FROST PROTECTION)

JUMBO 80 L/min

80 l/mn at 3 bar

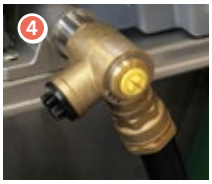


NEW



Protection frames : see p. 116



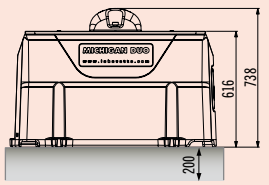


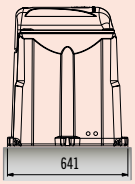


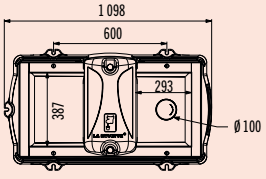
1. **Stainless steel trough** of 52 litres linking sturdiness and food safety. With **slanted bottom** for easier cleaning and specially **folded non-spill edge** to minimize water loss and avoid splashing.
2. **The valve is protected** against the animals by an **insulating double-walled HD-Polyethylen cover** also serving as a first protection from frost.
3. **80 l./mn. valve** (measured flow rate at 3 bar) with water shut off pin. Adjustable water level without tool.
4. **¾" swivel fitting with 2 entries:** can be connected to a SPEED-FLOW circulation pump (p. 20) without extra accessories.
5. **"Dry hands" quick draining system:** The PE cover allows access without having to wet your hands. The **Ø 100 mm plug** is not affected by frost.

5 fixing points on concrete base with a minimum height of 20 cm.

REF.	DESIGNATION
2430	Drinking trough MICHIGAN DUO - 52 L - 80 L/min (3 bar)







The MICHIGAN DUO has to be installed on a concrete base with a minimum height of 20 cm (8").



FROST PROTECTION

Anti-freeze power set for the trough: 1 heating element 24 V / 175 W glued under the trough. The polyethylene base directs the heat to the stainless steel trough and provides proper insulation. Set recommended for regions with risk **of high frost.**



A401



A395

Anti-freeze power set for the valve: 24 V - 30 W heating element to insert into the valve: recommended for risk of **low** (alone) or **high frost** (combined with trough anti-freeze set).

Anti-freeze power set for the water supply 24 V - 30 W heating wire to protect up to 1,50 m of pipe (loop connection).



C162

Transformer 230/24 V is required (delivered separately).

Ref.	
A401	Power set for MICHIGAN DUO - 24 V / 175 W
A395	Heating element: 24 V / 20 W
C162	Heating cable 24 V / 30 W - Length: 1,50 m (4,9 ft), to protect water supply



A501



A532

Ref.	
A501	Transformer 230/24 V - 300 VA for MICHIGAN DUO with power set and heating cable
A532	Remote thermostat for frost-free electric drinkers: for automatic on/off switching with outside sensor - in watertight cabinet (Max. capacity supported 1200 W)

Large Modular Drinking Troughs

Patented

MULTI-TWIN™

Large trough in double-walled HD polyethylene with mechanical compartment and double valve for high flow-rate.

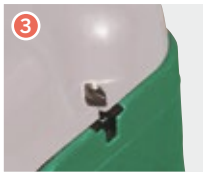
Stainless steel ¾" braided hose included.
Optional third valve available, ref. A384.

10 mounting points on a solid concrete base of at least 20 cm (8") (required).

64 l/mn at 3 bar











1. **Trough in double-walled HDPE. Length 2,16 m ; Capacity: 200 litres.** The Multi-Twin™ allows **6 to 7 cows per trough** to drink at the same time.
2. **Modular system:** additional troughs can be connected to increase the length.
3. **The double valve is protected** against the animals by an **insulating double-walled HD-Polyethylen cover** also serving as a first protection from frost. No tools are required to acces to the valve.
4. **Combined with the optional A384, the valves, installed safely beneath the protective cover, supply 96 l/min up from 3 bar (25¼ USG, 43½ psi). A mechanical compartment** allows easy access to the different connections.
5. **Draining Ø 100 mm (4").**
6. **Available with or without frost-protection system.** The frost-free model (EL) features **three 24 V - 80 W heating elements** mounted underneath the trough and inside the mechanical compartment.

REF.	DESIGNATION
2470	Standard trough - mechanical compartment - Double valve (without heating element)
2480	EL trough - mechanical compartment - Double valve with heating elements 24 V - 240 W (see page 45)

Add a third float valve for more flow rate (A384) or to distribute lukewarm water from the milk pre-cooler (A615).

Choose the right version, standard or electrical, right from the start.

MULTI-TWIN™ 400

Two large paired troughs (1 MULTI-TWIN™ + 1 additionnal trough) with double valve and mechanical compartment.

High flow-rate. Stainless steel ¾" braided hose included.
Optional third valve available, ref. A384.

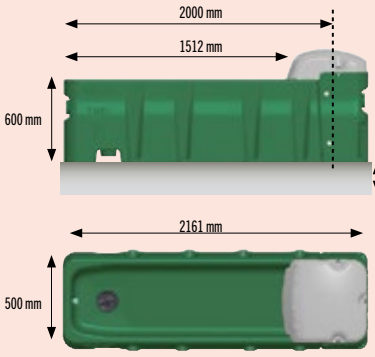
18 mounting points on a solid concrete base of at least 20 cm (8") (required).

64 l/mn at 3 bar



1. **2 troughs in double-walled HDPE. Length 4,00 m ; Capacity: 400 litres.**
2. **Double valve preinstalled: 64 l/mn at 3 bar (¾" connection).**
3. **Troughs connection system Bellow joint: hermetically sealed, flexible, easily installed (ring clamps included).** A third trough can be added.
4. **Available with or without frost-protection system.** The frost-free model (EL) features **five 24 V - 80 W heating elements** mounted underneath the troughs and inside the mechanical compartment.

REF.	DESIGNATION
2471	2 standard troughs - mechanical compartment - Double valve (without heating element)
2481	2 EL troughs - mechanical compartment - Double valve with heating elements 24 V - 400 W (see on right page)



The MULTI-TWIN™ trough has to be installed on a concrete base with a minimum height of 20 cm (8").



Large Modular Drinking Troughs

Patented

TROUGH MULTI-TWIN™

Large standard or frost-free additional trough without valves.
2 bellow joints included.

8 mounting points on a solid concrete base of at least 20 cm (8") (required).



1. **Trough in double-walled HDPE. Length 2,16 m ; Capacity: 200 litres.**
2. **Draining Ø 100 mm (4").**
3. **Available with or without frost-protection system.** The frost-free model (EL) features **two 24 V - 80 W heating elements** mounted underneath the trough.

REF.	DESIGNATION
2472	Standard separate trough (without heating element)
2482	EL separate trough with heating elements 24 V - 160 W (see on right side)

• For connection to a circulation system.



A382



A383

• To increase the flow rate



32 l/mn at 3 bar



A384

• To distribute water from the milk pre-cooler.



A617

Water tanks, see page 64.

• For the electrical versions



A502



A532

Ref.

A382	Connection set for water circuit: ¾" stainless steel hose + insulation jackets
A383	Connection set for water circuit: Stainless steel loop + ¾" braided hoses + insulation jackets.
A384	32 l/min (8½ USG) 3rd valve (at 3 bar, 43½ psi) + ½" s.s. braided hose.
A617	Low pressure 3rd valve (blue) for water supply by gravity (<1 bar or 14.5 psi)
A502	Transformer 230/24 V - 400 VA
A532	Remote thermostat for automatic on/off switching with outside sensor - in watertight cabinet (Max. capacity supported 1200 W)



FROST PROTECTION WITH ELECTRIC HEATING ELEMENTS

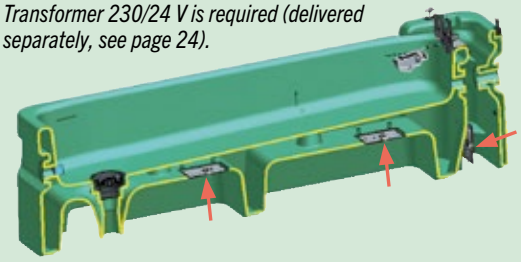
On the frost-free models (EL), the heating plates are installed directly underneath the trough and in the valve area:



- Capacity 3 x 80 W for 1 trough
- Capacity 5 x 80 W for 2 troughs

Recommended for regions with risk of high frost.

Transformer 230/24 V is required (delivered separately, see page 24).



FROST PROTECTION WITH WATER CIRCULATING SYSTEM

Connected to a SPEED-FLOW circulation pump with or without heating element THERMOFLOW (p. 20-21), the A383-set for connection to a circulation system and its stainless steel loop keep both the valve and the water in the trough frost-free.

Recommended for risk of low frost.



In large animal farms, the MULTI-TWIN can be connected to as many troughs as you wish to increase the access length.

Large Indoor Drinking Trough In Polyethylene

Patented

frost-free solutions



MULTI 220 EL
24V/342W

Large indoor drinker in high density polyethylene equipped with an electric frost protection system.

Ensures the distribution of **comfortably heated water in harsh weather conditions** (down to -20 °C, -4 °F).

Same other specifications as MULTI 220S.



Bottom view



1. 4 heating plates ensure frost protection.
2. Heating cable included (24 V, 22 W) to protect the water supply line (loop connection on the transformer).



Transformer 230/24 V is required (delivered separately, see Accessories).

REF.	DESIGNATION
2451	Large polyethylene drinking trough with heating elements (24 V, 342 W)



A502



A532

Ref.	
A502	Transformer 230V/24V, European norm - 400 VA (for MULTI 220EL)
A532	Remote thermostat for frost-free electric drinkers: for automatic on/off switching with outside sensor - in watertight cabinet (Max. capacity supported 1200 W)

MULTI 220 S

Large indoor drinking trough in high density polyethylene to quickly satisfy the animals' water needs after being milked.

Version without heating, non frost protected.

10 mounting points on a solid concrete base of at least 20 cm (8") (required).



34 l/mn at 3 bar

Technical specifications:

- Capacity: 145 litres
- Weight: 50 kg
- Dimensions: L. 2272 x W. 622 x H. 760 mm
- Drinking height: 600 mm

Protection frames: **see p. 116**

NEW









1. **Trough in double-walled HDPE. Length: 2,27 m**
2. **The valve is protected** against the animals by an **insulating double-walled HD-Polyethylen cover** also serving as a first protection from frost.
3. **34 l/mn. valve.** Connection ½". Stainless steel braided hose included.
4. **Easy cleaning : no nooks and crannies.**
5. **Draining Ø 100 mm (4").**



REF.	DESIGNATION
2450	Large polyethylene drinking trough (without frost-protection)

The MULTI 220 trough has to be installed on a concrete base with a minimum height of 20 cm (8").

Choose the right version, standard or electrical, right from the start.

Double Drinking Trough in Polyethylene

ISOBAC™
24V/100W or 160W

Electric frost-free high-density polyethylene (HDPE) double drinking trough with constant low water level.

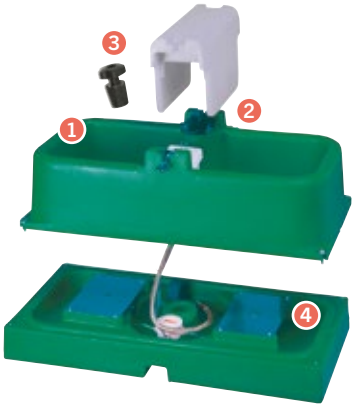
High flow rate: The water is replaced 100 times/day.
Your animals always have pure water.
Connection ½" (15x21). Stainless steel braided hose included.
To mount on a concrete base or on dumping frame A371.

34 l/mn at 3 bar



Dimensions: L. 960 x W. 450 x H. 420 mm





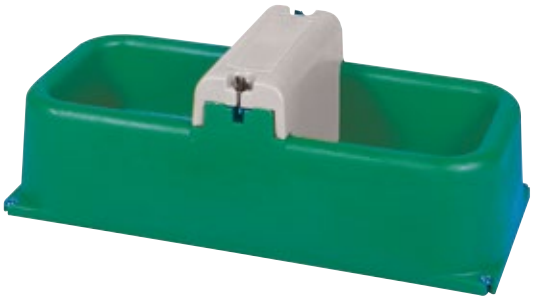
1. Trough in double-walled HDPE.
2. **34 l/mn. valve.** ½" stainless steel braided hose included.
3. Easy cleaning : no nooks and crannies.
4. 2 heating elements 50W or 80W.

REF.	DESIGNATION
1649	Double drinking trough with heating elements 24 V - 100 W (2 x 50 W)
1603	Same as 1649 with heating elements 24 V - 160 W (2 x 80 W) (northern countries)

CLEANO-BAC

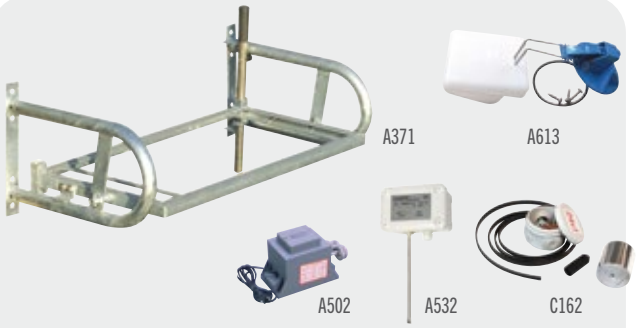
Same specifications as ISOBAC™ without heating base.

Dimensions: L. 955 x W. 450 x H. 315 mm.
Can be transformed into ISOBAC (heated), see Spare Parts Catalogue.

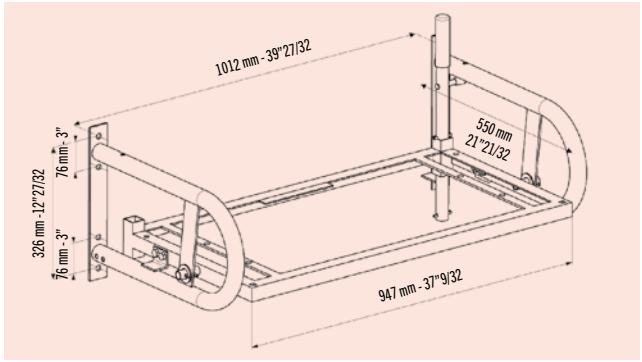


REF.	DESIGNATION
1690	Double drinking trough without heating element





Ref.	
A371	Dumping frame for ISOBAC™ and CLEANO-BAC -wall mounting - Removable handle, left or right. Galvanised steel.
A503	Transformer 230V/24V, European norm - 200 VA for ISOBAC™ with heating cable C162
A532	Remote thermostat for frost-free electric drinkers: for automatic on/off switching with outside sensor - in watertight cabinet (Max. capacity supported 1200 W)
A613	Low pressure valve (blue) for water supply by gravity (<1 bar or 14.5 psi)
C162	Heating cable 24 V / 30 W - Length: 1,50 m (4,9 ft), to protect water supply



ISOBAC™ and CLEANO-BAC, always pure drinking water guaranteed by:

- Little remaining water (15-40 l. subject to the setting of the float).
- Good water replacement with high flow rate (34 l/mn valve)
- Easy to clean, smooth walls without nooks and crannies.

Self-Cleaning Collective Drinking Trough With Constant Water Level

PATENTED

Video

frost-free solutions



CLEAN-FLOW 230

NEW

SOMMETS D'OR 2023

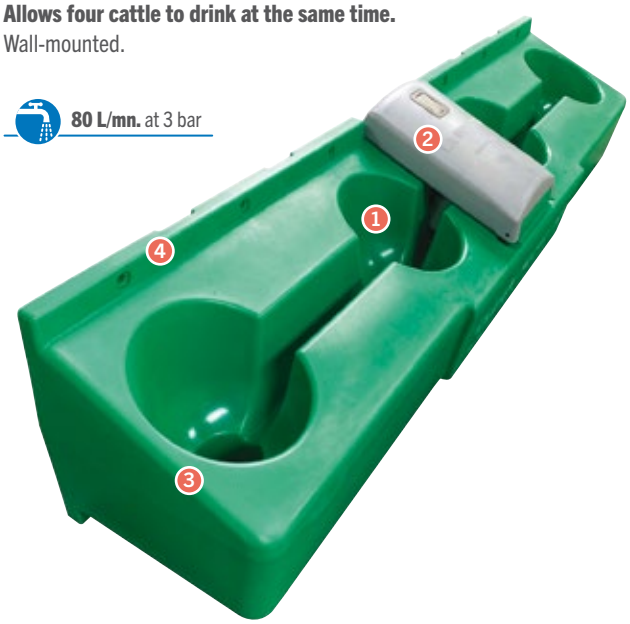
JUMBO 80 L/min

Large, self-cleaning indoor drinking trough made from high-density polyethylene, **designed to stay clean for longer.**

Saves water and labour: Cleaning is required less frequently and little water is wasted each time it is emptied.

Allows four cattle to drink at the same time.
Wall-mounted.

80 L/mn. at 3 bar



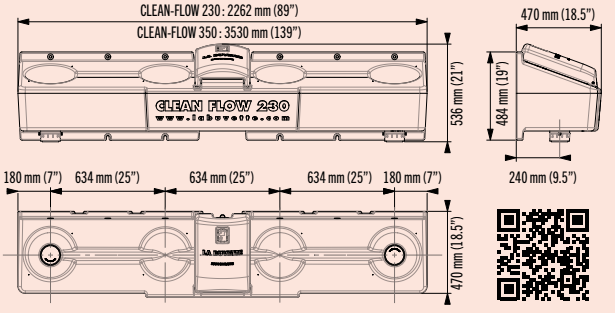






1. **4 bowls** with a specially designed shape: **self-cleaning effect with every drink. The animal re-sucks up any feed it may have dropped. The bowl stays clean! Watering capacity** equivalent to a standard trough, i.e. approximately **40 cattle.**
2. **Tool-free opening cover protecting a JUMBO 80 L/mn** valve (at 3 bar). ¾" M brass elbow supplied.
3. **Very quick and easy to clean thanks to the very smooth walls and two Ø100 mm 'dry hand' drains that can be channelled.**
4. **Very robust, single-piece, double-walled HDPE construction. 12 possible wall mounting points.**

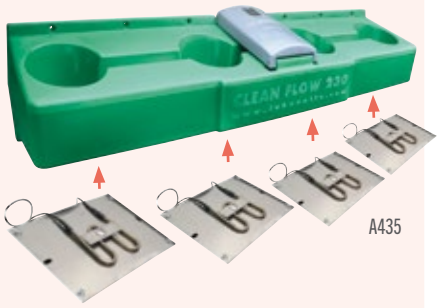
REF.	DESIGNATION
2490	CLEAN-FLOW 230 large self-cleaning drinking trough



FROST PROTECTION

200W heating kit: 4 x 24V/50W heating elements to be screwed directly into the designated slots underneath the bowls.

Transformer 230/24 V is required (delivered separately).



A435

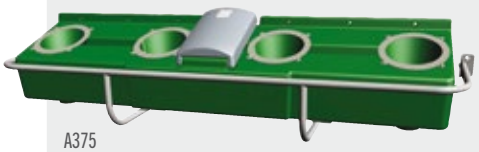
Anti-freeze power set for the water supply
24 V - 30 W heating wire to protect up to 1,50 m of pipe (loop connection).



C162

Ref.

A435	Power set for CLEAN-FLOW 230 - 24 V / 200 W (4 x 50 W)
C162	Heating cable 24 V / 30 W - Length: 1,50 m (4,9 ft), to protect water supply



A375

Recommended protection for beef cattle and dual-purpose breeds.



A387

Non-spill set recommended with young animals.



A501



A532

Ref.

A375	Wall-mounted protection frame for CLEAN-FLOW 230
A387	Non-spill set: 4 stainless steel frames and fasteners
A501	Transformer 230/24 V - 300 VA for A435 set+ C162
A532	Remote thermostat for frost-free electric drinkers: for automatic on/off switching with outside sensor - in watertight cabinet (Max. capacity supported 1200 W)

Self-Cleaning Collective Drinking Trough With Constant Water Level

PATENTED

Video

CLEAN-FLOW 350

NEW

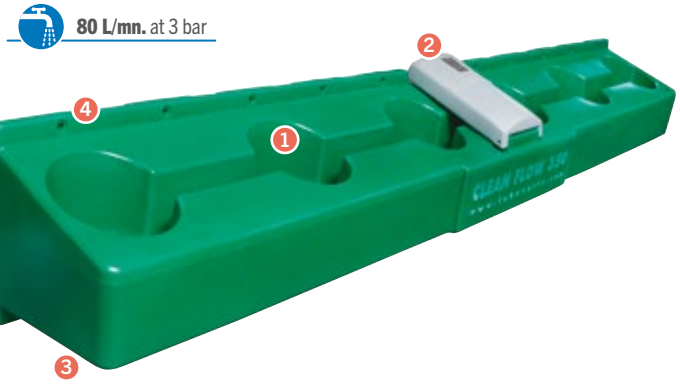
SOMMETS D'OR 2023

JUMBO 80 L/min

Large, self-cleaning indoor drinking trough made from high-density polyethylene, **designed to stay clean for longer.**

Saves water and labour: Cleaning is required less frequently and little water is wasted each time it is emptied.

Allows six cattle to drink at the same time.
Wall-mounted.



80 L/mn. at 3 bar

1. **6 bowls** with a specially designed shape: **self-cleaning effect with every drink. The animal re-sucks up any feed it may have dropped. The bowl stays clean! Watering capacity** equivalent to a standard trough, i.e. approximately **60 cattle.**
2. **Tool-free opening cover protecting a JUMBO 80 L/mn** valve (at 3 bar). ¾" M brass elbow supplied.
3. **Very quick and easy to clean thanks to the very smooth walls and two Ø100 mm 'dry hand' drains that can be channelled.**
4. **Very robust, single-piece, double-walled HDPE construction. 12 possible wall mounting points.**

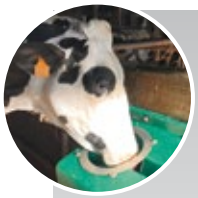
REF.	DESIGNATION
2491	CLEAN-FLOW 350 large self-cleaning drinking trough



HOW DOES IT WORK?

CLEAN-FLOW combines the advantages of a collectiv trough with those of an individual bowl. The water is easily accessible, the animal's muzzle is fully submerged, and with every drink, the animal sucks up any food debris from its bowl. This debris does not sink to the bottom as it would in a conventional trough. As a result, the water remains of a higher quality for longer.





No more wasting water!

FLORENT GIRARD, FARMER IN THE MAINE ET LOIRE (FRANCE)

I used to have a lot of slurry-related problems with my standard tanks, and I use a 'full slurry' system. With the CLEAN-FLOW tanks fitted with the optional frames, those problems are a thing of the past. I've also noticed that the self-cleaning system is really effective, as the water stays clean at all times.

FROST PROTECTION

300W heating kit: 6 x 24V/50W heating elements to be screwed directly into the designated slots underneath the bowls.

Transformer 230/24 V is required (delivered separately).



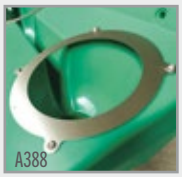
Ref.	
A436	Power set for CLEAN-FLOW 350 - 24 V / 300 W (6 x 50 W)
C162	Heating cable 24 V / 30 W - Length: 1,50 m (4,9 ft), to protect water supply

To clean the CLEAN-FLOW units properly, use a soft cloth. The channel connecting each bowl is wide enough to allow you to reach in with a cloth. This method helps keep the walls very smooth and prevents the formation of biofilm.



A376

Recommended protection for beef cattle and dual-purpose breeds.



A388

Non-spill set recommended with young animals.



A502



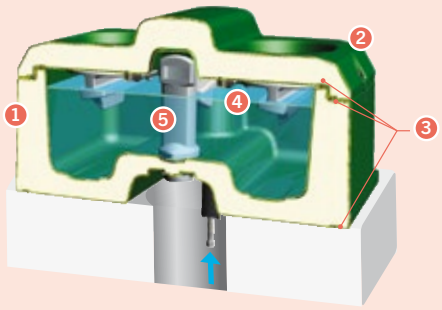
A532

Ref.	
A376	Wall-mounted protection frame for CLEAN-FLOW 350
A388	Non-spill set: 6 stainless steel frames and fasteners
A502	Transformer 230/24 V - 400 VA for A436 set+ C162
A532	Remote thermostat for frost-free electric drinkers: for automatic on/off switching with outside sensor - in watertight cabinet (Max. capacity supported 1200 W)

THE GO-TO INSULATED WATERERS, SUMMER AND WINTER

Since 1989, THERMOLAC™ waterers have been based on the principle of a thermos bottle. Their double-walled polyethylene construction is filled with highly insulating foam. As a result, the water stays cool (10~12°C, 50~54°F) in hot weather and remains frost-free down to -30°C (-22°F). They are equipped with a high-flow float valve that maintains a constant water level.

WHY ARE THEY BETTER?



1. Durable insulation foam up to 13 cm thick
2. Hinged lid with reversible hinges for quick opening
3. Insulation seals to prevent thermal bridges
4. High-flow valves with stainless steel braided hoses
5. Additional ¼-turn central drain valve with overflow

A RANGE OF 7 MODELS THAT HAVE BEEN COMPLETELY REDESIGNED AND IMPROVED

All versions of THERMOLAC 40 and 75 now feature:
- An additional vertical 100 mm drain with overflow,
- An insulated lid mounted on reversible hinges,
- More practical oblong floor mounting holes.

NEW

Warranty* 5 years Against all manufacturing defects



THERMOLAC™ B
dish(es)

For young animals, sheep, and goats

20 to 25 animals per water access.

Water visible in an aluminum die-cast bowl.
1 to 2 water access points, Ø200 mm.

Freeze protection up to -15°C (5°F) without electricity*.

Recommended installation under cover to prevent leaf buildup or snow accumulation.

What sets it apart:
Easy-to-clean, ¼-turn removable bowl.



52

THERMOLAC™ GA
hatch(es)

For horses and cattle of all sizes, including bulls

10 to 15 animals per water access.

Water compartment protected by a large insulated floating hatch. **1 to 2 access points to the water compartment, measuring 290 x 230 mm (11.4" x 9").**

Freeze protection up to -30°C (-22°F) without electricity*.

Recommended installation under cover to prevent leaf buildup or snow accumulation.

What sets it apart:
A large door that's very easy to push open and perfect for even the biggest snouts.



53

THERMOLAC™ GV
ball(s)

For ponies, horses, cattle, and pigs kept outdoors

10 to 15 animals per water access.

Water protected by a floating insulating sphere.
1 to 4 water inlets, each with a diameter of 230 mm (9").

Freeze protection up to -30°C (-22°F) without electricity*.

Indoor or outdoor installation.
Suitable for mechanical mulching.

What sets it apart:
Optimal water protection against algae and wildlife.



52

Frost-free Waterers Without Electricity

Patented



THERMOLAC™ B

"B" model with 1 or 2 removable dishes for 15 or 30 cattles, 25 or 50 goats or sheeps.

Frost-free down to -15°C (5°F) depending the number of the animals. Water always still visible.

NEW

Warranty 5 years

34 l/mn at 3 bar







The dish can be removed with a quarter turn. Same specifications as GV-model. Recommended installation under cover to prevent leaf buildup or snow accumulation.

REF.	DESIGNATION
1677	Isothermal drinker THERMOLAC 40 Liter with 1 dish
1676	Isothermal drinker THERMOLAC 75 Liter with 2 dishes

THERMOLAC™ has been a success since 1989!



THERMOLAC™ GV

Non-electric frost-free drinkers, perfect for both outdoor and indoor use. They work according to the Thermos flask principle: a double food-safe HDPE wall is insulated with polyurethane foam.

NEW

Warranty 5 years

Frost free down to -30 °C thank to high-quality insulation material. The water is kept at 3-5 °C in winter and 10-12 °C in summer.

"GV" models with 1, 2, or 4 insulated balls for 10 to 15 cattle or horses per water access.

34 l/mn at 3 bar

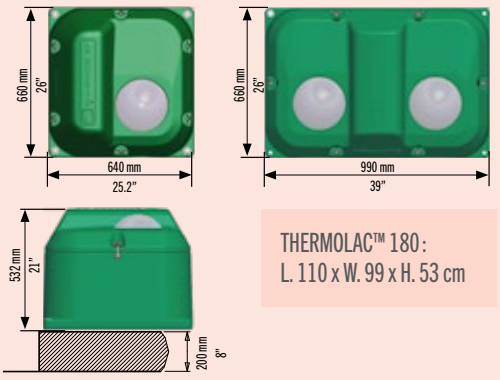
Ø230 mm



1. **Balls of THERMOLAC™ are also filled with insulating polyurethane foam.** They are very easy to push by cows or by horses. Water is protected against mosquitos and wild animals.
2. **34 l./min (at 3 bar) float valve.** Adjustable water level without tool. **Pre-installed ½" stainless steel braided hose**, insulating jacket and ground insulation supplied.
3. **Their large insulated drain plugs - Ø100 mm (4")** allow a quick cleaning. The quarter-turn central drain with overflow can be channelled to preserve the litter.
4. **Hood mounted on reversible hinges with quick-release pins.**
5. **Oblong mounting holes for easy installation on the concrete base.**

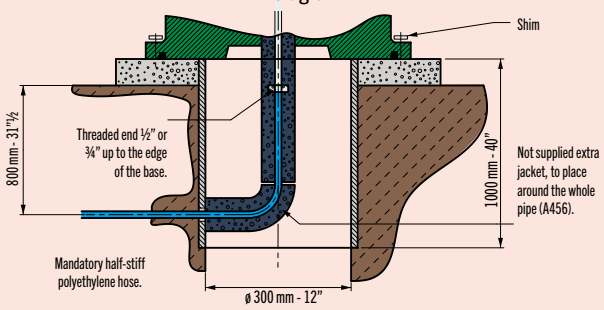


REF.	DESIGNATION
1671	Isothermal drinker THERMOLAC 75 Liter with 2 balls
1672	Isothermal drinker THERMOLAC 40 Liter with 1 ball
1680	Isothermal drinker THERMOLAC 180 Liter with 4 balsl



THERMOLAC™ 180 :
L. 110 x W. 99 x H. 53 cm

Make sure that the water supply line is frost-free as shown on this diagram:



Frost-free Waterers Without Electricity

Patented

THERMOLAC™ GA

Non-electric frost-free drinkers, with greater access to water - 32% larger than models with balls or dishes.
Ideal for **large cattle**.

NEW

Frost free down to -30 °C thank to high-quality insulation material. The water is kept at 3-5 °C in winter and 10-12 °C in summer.

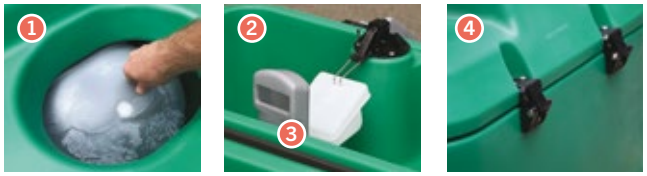
Warranty 5 years

"GA" models with 1 or 2 insulated hatches 290x230 mm for 10 to 15 cattle or horses per water access.

34 l/mn at 3 bar

290 x 230 mm





1. **The THERMOLAC™ GA hatches are filled with insulating foam.** They are very easy to push open, providing maximum comfort for cattle and horses. The water is protected from mosquitoes, wild animals, and algae.
2. **34 l./min (at 3 bar) float valve.** Adjustable water level without tool. **Pre-installed ½" stainless steel braided hose**, insulating jacket and ground insulation supplied.
3. **Their large insulated drain plugs - Ø100 mm (4")** allow a quick cleaning. The quarter-turn central drain with overflow can be channelled to preserve the litter.
4. **Hood mounted on reversible hinges with quick-release pins.**
5. **Oblong mounting holes for easy installation on the concrete base.**

Recommended installation under cover to prevent leaf buildup or snow accumulation.

REF.	DESIGNATION
1612	Isothermal drinker THERMOLAC 40 Liter with 1 hatch, great access
1613	Isothermal drinker THERMOLAC 75 Liter with 2 hatches, great access

Warranty 5 years *

To file a warranty claim, please contact your LA BUVETTE dealer with your purchase invoice and photos of the defective waterer, particularly its date indicator (see photo opposite). If your claim is approved, your dealer will issue you a credit note for the item's historical value, minus depreciation (-20% per year).

Damage resulting from a lack of water supply, improper handling, non-compliant installation (installation on uneven ground), or improper use—other than for watering livestock—is excluded from the warranty.

Seals, cups, hatches, mounting brackets, and faucet parts are covered by a 1-year warranty against manufacturing defects.



GA "*RETROFIT*" COVERS

Replacement cover kits compatible with all versions of THERMOLAC™ 40 and 75, regardless of their year of manufacture.
Allow greater access to water: 32% larger than models with balls or dishes thanks to the hinged hatches.
Ideal for **large cattle**.

NEW



REF.	DESIGNATION
A640	Cover kit THERMOLAC 40GA, 1 access, seal and hinges
A641	Cover kit THERMOLAC 75GA, 2 access, seal and hinges

HOW TO CHANGE THE COVER: VIDEO
Installing a GA hood on an older THERMOLAC 75
labuvette-waterers.co.uk/communication/advice/videos-tutorials



Ref.	
A613	Float valve for low pressure (blue color) for water supply by gravity (<1 bar (14.5 psi))
A456	Extra insulating jacket of 1 m (39,4").
A335	30W/24V immersion heater for extreme freezing conditions

ADVICE FROM LA BUVETTE® ON PASTURE DRINKING SOLUTIONS

Even though the needs of cattle are partially met by the consumption of water-rich grass, the amount of water consumed can be very high due to the sometimes high temperatures during this period of the year. Besides the other common factors responsible for variation (live weight, the amount of food consumed, production level), the water consumption on pasture depends in particular on the dry-matter content of the grass, the presence of shady areas, the temperature and the rainfall.



OPTIMISING AND SECURING THE DRINKING SYSTEMS ON PASTURE

A guaranteed supply of high-quality water in sufficient quantities during the entire grazing season is vitally important for the well-being and productivity of farm animals.

Although the consumption of grass that is rich in water content partly satisfies their water needs, an animal might still need very high quantities of water especially during intense heat.

A lack of water directly affects their growth performance or milk production. When the water intake decreases, the consumption of food does so too. The animals also start behaving aggressively as soon as the available amount of water covers less than 90% of their needs.

Moreover, direct access of the herd to natural pools and watercourses is a source of sanitary and environmental problems. Transporting water in tanks the whole season long also becomes more and more expensive.

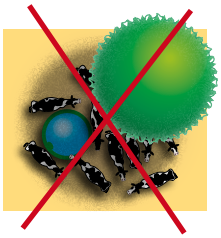
As a specialist in watering solutions, LA BUVETTE® offers you numerous solutions based on more than 75 years of research and practical experience in the field of watering systems, troughs, pasture pumps, off-grid solar-powered pumping solutions... You will find a brief overview of these solutions on the next page.

DRINKING HABITS OF FARM ANIMALS

Cattle on pasture generally goes drinking 2 to 5 times a day, but this can increase up to more than 10 times a day. Dairy cows have the tendency to go drinking more often than nursing cows and the drinking frequency increases with the rise of the temperature and the proximity of the water access point.

When it is hot (more than 28 °C), the animals move around less. The prefer to stay in the shade and will not go drinking if the watering point is not close to the shaded area.

However, placing the water points directly in the shade and especially when there is not much of it, is to the disadvantage of the herd. These areas will quickly be taken up by animals lying in the way, which causes pushing, trampling and dominant behaviour.



AVERAGE DAILY WATER CONSUMPTION OF ANIMALS ON PASTURE

LIVESTOCK	AVERAGE	SUMMER PEAK
Dairy cow	55 l/d	125 l/d
Nursing cow	35 l/d	75 l/d
Grass-fed calf (200 kg)	15 l/d	20 l/d
Dry, in-calf cow, ox	35 l/d	70 l/d
Heifer 350-450 kg	30 l/d	50 l/d
Dairy sheep	7 l/d	15 l/d
Nursing ewe + lamb	6 l/d	12 l/d
Dry ewe	3 l/d	6 l/d
Dairy goat	5 l/d	12 l/d
Dry goat	3 l/d	6 l/d
Adult horse	20 l/d	45 l/d
Lactating mare	30 l/d	55 l/d

(Considering a diet consisting exclusively of grass.)

MILKING ROBOT: ALLOW DRINKING ON PASTURE

Several experiments carried out in this field show that allowing cows exclusively access to water indoors or both outdoors and indoors gives the same production performance. On the other hand, when cows have a drinker in their pasture, they spend more time grazing and less time moving to the building and back.

For these different reasons and for the well-being of the dairy cows, LA BUVETTE recommends to always give them access to drinking points on pasture even when they have to go to a milking robot.

REGULATIONS FOR DRINKING POINTS ON PASTURE

Every drinking solution has its advantages and limitations. To determine the system most suitable for your needs and the environment, you should take several criteria into account:

- the characteristics of the pasture (dimensions, topography and remoteness)
- the herd's water needs (depending on the type of livestock, the number of animals and their physiological state)
- the technical specifications of each solution
- the desirable investment level
- the working habits of the breeder
- the technical skills of the breeder (installation and maintenance).

In general, it is preferable to slightly overdimension the drinking system in order to guarantee the water supply, to avoid too long waiting times and crowding, even in extreme conditions. We recommend:

- placing the troughs at a distance of some ten metres from each other to reduce competition among the animals
- bringing in the material before the winter in flood risk areas
- choosing the right hose diameter and providing a drain system for in winter
- fastening the troughs to the ground so the animals cannot move them when empty

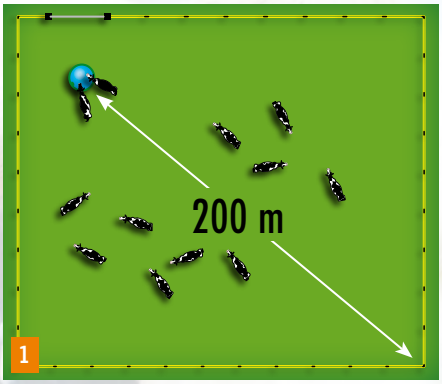
You can find more tips in our Pasture Watering Guide Book available on demand.

PLACE AND SIZE OF WATER TROUGHS ON PASTURE

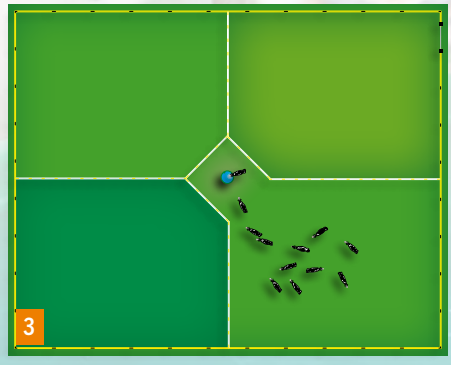
The location of the water points makes sure the pasture is grazed evenly. Therefore, you have to take into account the surface to be grazed and the behaviour of the animals on pasture.

THE 200-METRE RULE FOR SMALL AND MEDIUM-SIZED PARCELS

Ideally, the maximum distance between the watering place and the farthest end of the pasture should not exceed 200 m. When the distance is exceeded, the farthest corners of the pasture are less frequently visited as the animals prefer to stay close to the drinker.



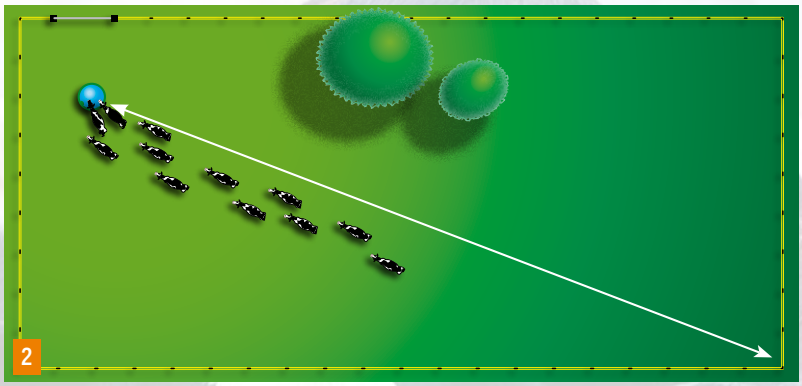
When the drinker is located at less than 200 m from the farthest end of the parcel, the animals regularly go drinking alone or in small groups of two or three. A high water volume/flow is thus no longer essential (figure 1).



CONSIDERING HERD INSTINCT ON LARGE PARCELS

However, when the distance is considerable (> 200 m), the animals tend to go to drink less frequently and in large groups. Therefore, it is recommended to install a watering system that is sufficiently dimensioned allowing a large number of animals to drink quickly and simultaneously.

In this case, it might be worthwhile to install more drinkers rather than to increase the volume of only one and to place them some 10 metres apart from each other to avoid pushing.



When the distance is longer, the animals prefer to go drinking in a herd (figure 2). So, the size of the watering systems will differ substantially.

PROVIDING WATER IN ROTATIONAL GRAZING SYSTEM

A well-organised water provision in a rotational grazing system allows to optimise the access to the water while limiting the investment costs. It would be a mistake to use only one water point placed in a narrow corridor linking several parcels. This lay-out favours competition and increases the distance the animals have to walk to go drinking.

- **For small herds** (up to 20 heads of cattle):
  A good solution would be to move a small trough together with the animals. A model with double access and high flow rate (30 l/min) such as the PREBAC 70 (p. 48) is perfectly suited. It should preferably be placed at mid-length of the pasture. In this case, one water supply line with shut-off valve is necessary for each pasture.
- **For larger herds:** (figure 3)
  One big circular drinking trough could be placed in the centre of a drinking area (sufficiently spacious to avoid pushing) situated at the junction between 4 parcels. This solution requires only one water supply.

SIZING OF THE WATERING SYSTEM: 10-MINUTE RULE

- **For water points situated at less than 200 m from the farthest end of the parcel:**
  The watering system must be able to **supply a quarter of the daily water consumption of the herd in 10 minutes**.
- **When the water point is installed at more than 200 m from the end of the pasture:**
  The watering system must be able to **supply half of the daily water consumption of the herd in 10 minutes**.

The feasibility of this requirement depends on the **water volume immediately available** when the animals arrive **(trough volume)** and on the ability of the system to replenish the trough **(FLOW)**.

In general, the flow is the limiting factor. It is possible to compensate for this by increasing the available water volume.

DRINKERS CONNECTED TO THE WATER MAINS, FILLED BY A TANK OR BY HAND

		PRINCIPLE	LIVESTOCK	ANIMALS PER TROUGH	FILLING	VOLUME	ASSET(S)
58	 PREBAC	Trough made of pure, high-density, food-safe, UV-resistant and recyclable POLYCHOC™ polyethylene. Non-deforming, sturdy and light. 15 types: Oval, round or rectangular; with (optional) float valve. Quick drain.	All. Certain low models are suitable for small animals.	400 l. trough = 5 places* 600 l. trough = 6 places* 800 l. trough = 7 places* 1000 l. trough = 8 places* 1200 l. trough = 9 places* 1500 l. trough = 10 places*	Water bowser or water mains. Standard valve or low pressure valve included or optional.	Oval: from 400 to 950 l Round: from 400 to 1500 l. Rectangular: from 70 to 400 l	10-year guarantee against all manufacturing defects.
61	DYNABAC 	High-density polyethylene drinking trough designed for dynamic rotational grazing. Dual access with float valve and quick-connect fitting included. Easy to move.	Cattle and sheep	40 cows or 100 sheep	Water bowser or water mains. Standard pressure valve optional	150 l	Suitable for dynamic rotational grazing
62	 Galvanised troughs	Troughs made of steel hot-dip galvanised after manufacture. 8 types: Round or rectangular. Optional float valve.	Cattle and horses	400 l. trough = 5 places* 600 l. trough = 6 places* 1000 l. trough = 7 places* 1250 l. trough = 8 places*	Water bowser or water mains. Adjustable valve optional	Round: from 400 to 1250 l. Rectangular: from 1350 to 4050 l	Steel with a thickness of 1,5, 2 and 2,5 mm
64	BIGLAC 55T & GALVALAC 65T 	Troughs with constant water level for direct installation on a water bowser. Troughs made of high-density polyethylene or galvanised steel.	All	20 cows / horses or 40 sheep / goats	Water bowser (gravity)	55 and 65 l.	Mobile
50	 THERMOLAC	Isothermal drinkers with constant level: double-walled trough insulated by high-density polyurethane foam. The water does not freeze in winter and stays cool in summer.	All (depending on type)	15 cows / horses or 25 sheep / goats per water access point	Standard or low (gravity) pressure	40, 75 or 180 L	Frost free down to -30°C without electricity
113	ISOBAR 250 	Isothermal trough with floating cover. Double-walled trough insulated by high-density polyurethane foam. The water does not freeze in winter and stays cool in summer..	Horses	1 to 3 horses	Manual	180 litres	Frost free down to -15°C without electricity

* For troughs accessible from all sides.

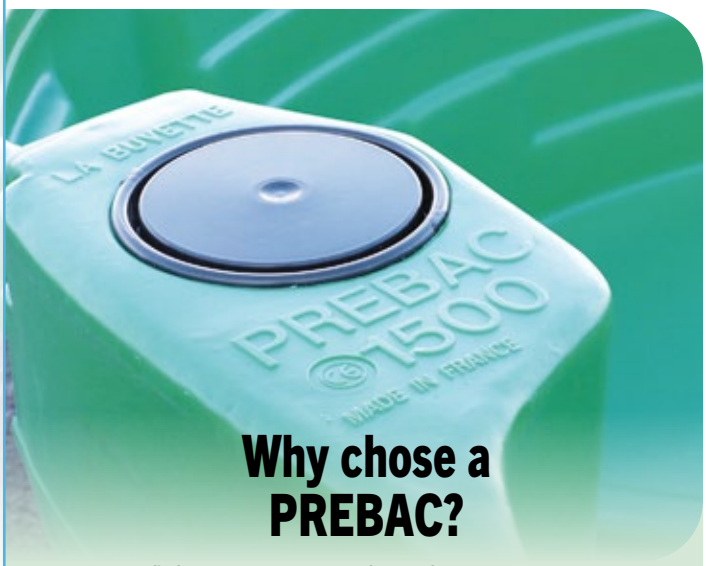
OFF-GRID PUMPING SYSTEM IN WELLS, PONDS AND WATER COURSES

		PRINCIPE	LIVESTOCK	ANIMALS PER TROUGH	PERFORMANCE OF THE PUMP	ASSET(S)
66	 AQUAMAT II	While pushing, the animal activates a diaphragm drawing the water through the tube into the small bowl under the lever. The residual water in the back of the trough stimulates the animal to push the very smooth mechanism.	Cattle and horses	10	0.5 l/push. 7 m (23 ft.) in depth or 70 m (76 yds) in length	Cost efficient. Easy installation.
71	SOLAR-BASIC 	Solar-powered pumping station with battery. The submersible pump is powered by a battery which is charged by a solar panel. A water level sensor activates the pump.	All	10 adult cows	Up to 1200 l/day. Vertical pushing: 10 m.	Economic, reliable and easy to move.
72	 SOLAR-FLOW "ALL-IN-1"	Off-grid solar-powered pumping stations with batteries. The immersion pump is powered by the batteries, which are recharged by the solar panels. Level sensors activate the pump to fill a tank or several troughs (separately available).	All	12V Model: 15 adults cows 24V Model: 30 adults cows	12 V: up to 2200 l/day. Vertical pushing: 20 m. 24 V: up to 3500 l/day. Vertical pushing: 50 m.	To supply several parcels. Performances. Reliability. Autonomy without sun
73	SOLAR-FLOW "STORAGE" 	Off-grid solar-powered drinkers with batteries. The immersion pump is powered by the batteries, which are recharged by the solar panels. Level sensors activate the pump to fill the HDPE troughs	Cattle and horses	12V Model: 15 adults 24V Model: 30 adults	12 V: up to 2200 l/day. Vertical pushing: 20 m. 24 V: up to 3500 l/day. Vertical pushing: 50 m.	Complete sets. Performances. Reliability. Autonomy without sun.
74	 SOLAR-FLOW "SOLAR POWERED"	Solar-powered pumping station without batteries. The immersion pump is activated as soon as there is enough light.	All	30 adult cows	Up to 3500 l/day. Vertical pushing: 50 m.	Performances. Reliability.
75	SOLAR-SUPERFLOW 	A battery-free solar-powered pumping station that creates a pressurised system. The submersible pump starts up as soon as the pressure drops and there is sufficient light.	All	40 adult cows	Up to 11 000 l/day. Vertical pushing: 50 m.	Performances. Ready-to-install kit.

PERIPHERAL EQUIPMENT

		PRINCIPLE	CAPACITY	ASSET(S)
63	 LACABAC	Float valve protected by a stainless-steel cover. Keeps a constant level in all types of bowls. Operates with standard pressure or low pressure (gravity) depending on the type.	LACABAC 80: 80 l / min at 3 bar LACABAC: 26 l / min at 3 bar LACABAC BP: 15 l/min at 0,2 bar	Adjustable float valves for all types of troughs. High flow rates. Do not rust.
64	TANKS 	Food-safe, UV-resistant, pure polyethylene seamless tanks. To be installed on a concrete support or trailer. Anti-sway shape. Supplied with a PVC quarter-turn drain valve.	140 l - 270 l - 450 l - 650 l 1200 l - 1800 l - 2900 l - 4000 l 5600 l (reinforced)	Float valve can be mounted (except on 450 l model).
65	 BLUE LEVEL	A small sensor installed on your tank indicates its level and warns you by text message or e-mail as soon as it drops under a certain threshold.	All tank sizes and models. Several measurements per day.	Calculates the remaining days of water autonomy.
67	STABILISATION GRIDS 	Polypropylene tiles that stabilise and reinforce the natural quality of the soil. Each tile allows deep rooting of the vegetation and distributes the weight of the animals.	4 tiles for 1 m^2	Withstands the weight of a tractor.

Very Sturdy Oval Polychoc™ Polyethylene Troughs



Why chose a PREBAC?

Benefit from the advantages of the reference on the market:

- French quality product
- 10 years guarantee against all manufacturing defects
- Reliable and food-safe
- LA BUVETTE advice and service



32 l/mn at 3 bar


B121


A622

Ref.

A603	32 l/mn (at 3 bar) float valve for PREBAC. (max. pressure: 6 bar) - ¾" male brass fitting included.
A617	Same as A603, but low pressure (<1bar-14.5psi)(blue) for supply by gravity
B121	Anchoring set for PREBAC trough
A622	Saving set: Anti-drowning escape ramp for PREBAC to preserve wild animals

Warranty 10 years*

The PREBAC troughs that are invoiced after 1 September 2017 have a 10-year guarantee (instead of 8 previously).

- The PREBAC drinking troughs have to be correctly filled with water to prevent the animals from damaging the troughs (these damages are excluded from the guarantee). We also recommend the use with an A603 or A617 set.
- The PREBAC drinking troughs are not guaranteed against damage caused by improper handling, incorrect installation (on not levelled or uneven terrain) or inappropriate use, other than for watering livestock.

Warranty claims for a PREBAC shall be sent to your LA BUVETTE dealer accompanied with your purchase invoice and photos of the damaged trough and in particular of its date stamp (see 6). Should your claim be accepted, your dealer will give you a voucher for its original cost minus depreciation (-10% per year).

OVAL PREBAC

The PREBAC troughs are non- deforming, sturdy, practical as well as light thanks to the special material of which they are made:

POLYCHOC™ polyethylene. This pure high-density polyethylene is food-safe, UV-resistant and recyclable.

Oval models of 950, 550 and now 400 litres.
Valve sold separately (Ref. A603 or A617).



Warranty 10 years* against all manufacturing defects

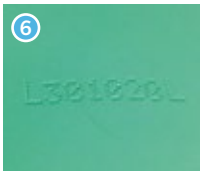




Model 400 l, height 40 cm designed for sheep and ponies.


3


4


6

1. **These sturdy troughs keep their shape when filled.**
2. **Compartment provided** for optional valve (A603 or A617) **with side protection of water supply line.**
3. **Easily loaded and transported on board of a vehicle.**
4. **Large rectangular quick discharge "VIDE-VITE".** Quick and easy to clean.
5. **Ground anchoring possible** (with set B121, sold separately).
6. **Production date.**

REF.	DESIGNATION
2269	Polychoc 400 l. trough - L. 147 x l. 105 x H. 40 cm (L. 57.9" x W. 41.3" x H. 15.7")
2275	Polychoc 550 l. trough - L. 147 x l. 105 x H. 60 cm (L. 57.9" x W. 41.3" x H. 23.6")
2278	Polychoc 950 l. trough - L. 203 x l. 115 x H. 60 cm (L. 79.9" x W. 45.3" x H. 23.6")

Very Sturdy Circular Polychoc™ Polyethylene Troughs

PREBAC 400>1500L

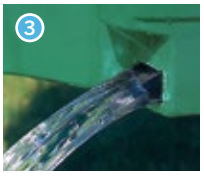
Circular troughs in Polychoc™ HDPE to water herds of cattle or horses on pasture (Not suitable for indoor use).

Renowned quality for more than 25 years.
10 years guarantee against all manufacturing defects.

Valve sold separately (Ref. A603 or A617).









1. **Very sturdy inside edge.**
2. **Compartment provided** for optional valve (A603 or A617) **with side protection of water supply line.**
3. **Large rectangular quick discharge "VIDE-VITE".** Quick and easy to clean.
4. **Ground anchoring possible** (with set B121, sold separately).

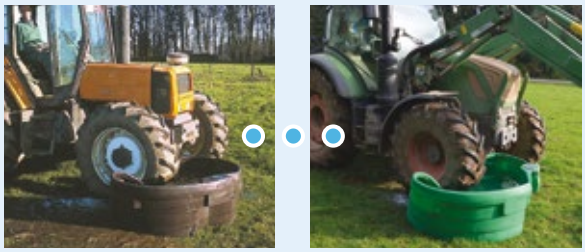


REF.	DESIGNATION
2221	Polychoc BS 400 L trough - Ø 108 x H. 60 cm (Ø 42.5" x H. 23.6")
2223	Polychoc BS 600 L trough - Ø 130 x H. 60 cm (Ø 51.2" x H. 23.6")
2225	Polychoc BS 800 L trough - Ø 150 x H. 60 cm (Ø 59.1" x H. 23.6")
2227	Polychoc BS 1000 L trough - Ø 160 x H. 60 cm (Ø 63" x H. 23.6")
2261	Polychoc BS 1200 L trough - Ø 180 x H. 60 cm (Ø 70.9" x H. 23.6")
2263	Polychoc BS 1500 L trough - Ø 200 x H. 60 cm (Ø 78.7" x H. 23.6")



Since 1987

The Colour Has Changed, the Quality Hasn't!



Tests performed with new PREBAC troughs. Footage on labuvette.com

32 l/mn at 3 bar







Anti-drowning ramp A622 saving set: Preserves both the animal wildlife and the water hygiene. Designed in cooperation with naturalist J-F. NOBLET. *Patent Fr.1052046.*

Ref.

A603	32 l/mn (at 3 bar) float valve for PREBAC. (max. pressure: 6 bar) - ¾" male brass fitting included.
A617	Same as A603, but low pressure (<1bar-14.5psi)(blue) for supply by gravity
B121	Anchoring set for PREBAC trough
A622	Saving set: Anti-drowning escape ramp for PREBAC to preserve wild animals

A dairy cow exclusively feeding on grass in the pasture drinks an average of **55 litres** of water per day. On hot summer days, the daily water intake can increase up to **125 litres.** Therefore, the troughs should be sufficiently proportioned to not impair the production.

Ask the LA BUVETTE dealer or representative in your region for advice.

Very Sturdy Rectangular Polychoc™ Polyethylene Troughs

PREBAC 70

Double drinker with constant water level of 70 litres, made of HDPE Polychoc™ for watering herds of cattle, sheep or horses both outdoors and indoors.
10 years guarantee against all manufacturing defects.

Warranty* 10 years Against all manufacturing defects

32 l/mn at 3 bar



1. Very sturdy inside edge.
2. Float-valve with high flow rate or low pressure included.
3. Large rectangular quick discharge "VIDE-VITE".
4. 2 anchor points for floor mouting or on concrete base.

REF.	DESIGNATION
2219	Polychoc 70 l. trough - L. 106 x W. 37 x H. 31 cm - Float-valve included - Connection ¾" (20x27 mm)
2217	Same as 2219 but for low pressure (<1bar-14.5psi)(blue) for supply by gravity

PREBAC 90

Special type for sheep, capacity 90 litres.
Low water level. Antiskid bottom. Included float-valve with cover. **Suitable for 50 sheep.**
For floor mounting: 4 anchor points.
10 years guarantee against all manufacturing defects.

Warranty* 10 years Against all manufacturing defects



8 l/mn at 3 bar

REF.	DESIGNATION
2253	Polychoc 90 l. trough - L. 160 x W. 48 x H. 46 cm - Float-valve included - Connection ½" (15x21)

It is necessary to anchor the rectangular PREBAC troughs firmly to the floor. Each model has several mounting points.

PREBAC R

Rectangular floor-mounted troughs made of HDPE Polychoc™ for watering cattle, sheep or horses both outdoors and indoors.

10 years guarantee against all manufacturing defects.
Valve sold separately (Ref. A603 or A617).

Warranty* 10 years Against all manufacturing defects



1. **Compartment provided** for optional valve (A603 or A617) **with side protection of water supply line.**
2. **Large rectangular quick discharge "VIDE-VITE".**
3. **Multiple anchor points.**
4. **200 l. R model, special for sheep:** height 44 cm

REF.	DESIGNATION
2237	Polychoc BS 190 L R trough - L. 90 x W. 64 x H. 66 cm - L. 35.4" x W. 25.2" x H. 26"
2231	Polychoc BS 200 l. R trough - L. 160 x W. 46 x H. 44 cm - L. 63" x W. 18.1" x H. 17.3"
2235	Polychoc BS 400 l. R trough - L. 165 x W. 66 x H. 66 cm - L. 65" x W. 26" x H. 26"

32 l/mn at 3 bar — **15 l/mn** at 0,2 bar



Anti-drowning ramp A622 saving set: Preserves both the animal wildlife and the water hygiene. Designed in cooperation with naturalist J-F. NOBLET. *Patent Fr.1052046.*

Ref.

A603	32 l/mn (at 3 bar) float valve for PREBAC. (max. pressure: 6 bar) - ¾" male brass fitting included.
A617	Same as A603, but low pressure (<1bar-14.5psi)(blue) for supply by gravity
A622	Saving set: Anti-drowning escape ramp for PREBAC to preserve wild animals

Trough for DynamicRotational Grazing and Oval / Circular Polyethylene Troughs

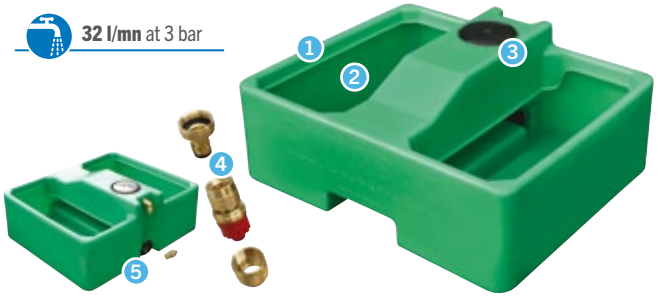
DYNABAC

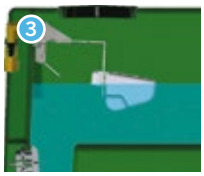
NEW

A food-grade HDPE constant-level drinking trough with two large water access, designed for watering herds of cattle or sheep in dynamic rotational grazing systems.

Robust and easy to empty and transport, the DYNABAC comes fitted as standard with a ¾" brass quick-connect coupling.

32 l/mn at 3 bar









1. **Made from highly durable virgin high-density polyethylene (HDPE) Polychoc™,** as are the troughs in the PREBAC™ range.
2. **150-litre water tank with easy access** (2 access points, 650 x 280 mm).
3. **High-flow constant-level valve fitted as standard.**
   A JUMBO 80 l/min or low-pressure valve can be fitted instead as an option (A634 and A617)
4. **Brass elbow fitting and ¾" (20x27 mm) quick-connect fitting supplied.**
5. **"VIDE-VITE" quick-drain valve 95 x 50 mm, protected from animals.**
6. **DYNABAC units can be stacked and easily transported in a vehicle.**

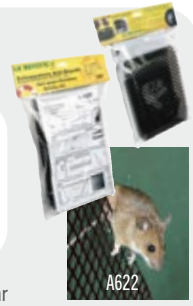
REF.	DESIGNATION
2232	DYNABAC - 150 litres - L. 900 x l. 750 x h. 365 mm (35.4" x 29.5" x14.2")



80 l/mn at 3 bar



15 l/mn at 0,2 bar



Ref.

A634 High flow rate float valve JUMBO 80 L/min at 3 bar. ¾" or ½" M fitting. (0 to 6 bar - 0 to 87 psi)

A617 Same as A603, but low pressure (<1bar-14.5psi) (blue) for supply by gravity (water tank)

A622 Saving set: Anti-drowning escape ramp for PREBAC to preserve wild animals

Allow one Dynabac for every 30 to 40 cattle or 80 to 100 sheep.

INTERBAC 600>1500L

PATENT

Round or oval troughs made from partially recycled polyethylene for watering cattle and horses at pasture.
(Not suitable for indoor stables).

Warranty* 3 years Against all manufacturing defects













1. **Housing for an optional float (A623 or A633)**
2. **Internal rounded rim (oval tanks) or simple external rim (circular tank)**
3. **50 mm (2") diameter drain.**

REF.	DESIGNATION	PACKAGING
2695	INTERBAC OVAL 600 L - L. 170 x l. 104 x h. 63 cm (67" x 41" x 25")	Pile of 7
2696	INTERBAC OVAL 900 L - L. 209 x l. 114 x h. 63 cm (82" x 45" x 25")	Pile of 7
2697	INTERBAC 600 L - Ø 140 x H. 60 cm (Ø 55.1" x H. 23.6")	Pile of 5
2698	INTERBAC 1000 L - Ø 170 x H. 60 cm (Ø 66.9" x H. 23.6")	Pile of 5
2699	INTERBAC 1500 L - Ø 210 x H. 60 cm (Ø 82.7" x H. 23.6")	Pile of 5



26 l/mn at 3 bar



26 l/mn at 3 bar

Ref.

A623 Float set for INTERBAC. Delivered with stainless steel cover. ¾" male connection.

A633 Float set for INTERBAC OVAL. ¾" male brass fitting.

A622 Saving set: Anti-drowning escape ramp for pasture trough to preserve wild animals

Cylindrical Troughs Made of Galvanised Steel

patented

for pasture



SIMPLE TROUGHS 430>1600L

Partially recycled, round troughs for watering cattle, sheep or horses outdoors. (Not suitable for indoor use).
Sold in a pile of 10.



1. Inward-curving, sturdy and secure rim (except on the E101: single outward-curving rim).
2. Two flat areas designed to set a LACABAC-type float.
3. Ø50 mm (2") drain.





REF.	DESIGNATION	PACKAGING
E101	TROUGH 430 L - Ø 130 x H. 40 cm (for sheep and goats)	Pile of 10
E102	TROUGH 650 L - Ø 140 x H. 60 cm	Pile of 10
E103	TROUGH 1050 L - Ø 170 x H. 60 cm	Pile of 10
E104	TROUGH 1600 L - Ø 210 x H. 60 cm	Pile of 10

Use an adjustable LACABAC float valve to maintain a constant water level.

If you want to connect your troughs to a higher-placed water reserve or water tank, opt for a low-pressure LACABAC.

See right page.



CONICAL TROUGHS

Conical troughs in galvanised steel to supply water for herds on pasture. (Not suitable for indoor use).
Sold in a pile of 10.





1. Strong and secure edge made of welded tube.
2. Three lifting eyes per trough.
3. Brass bulkhead drain with larger flange for increased tightness.

New models with a capacity of 380 l for sheep and 1350 l for cattle:



REF.	DESIGNATION	PACKAGING
G101	380 L Galvanised Trough - Ø 113 x H. 39 cm (44.5" x 15.4")	Pile of 10
G103	600 L Galvanised Trough - Ø 138 x H. 53 cm (54" x 21")	Pile of 10
G105	1000 L Galvanised Trough - Ø 162 x H. 62 cm (64" x 24")	Pile of 10
G106	1350 L Galvanised Trough - Ø 174 x H. 64 cm (68.5" x 25.2")	Pile of 10

- The galvanised LA BUVETTE troughs are entirely manufactured in France by our partner SATENE, a manufacturer of livestock-breeding equipment based in the middle of France.
- They come in piles of 10 units that can be mixed.



Float Valves

VIDEOS
on our website
labuvette.com

JUMBO & JUMBO+

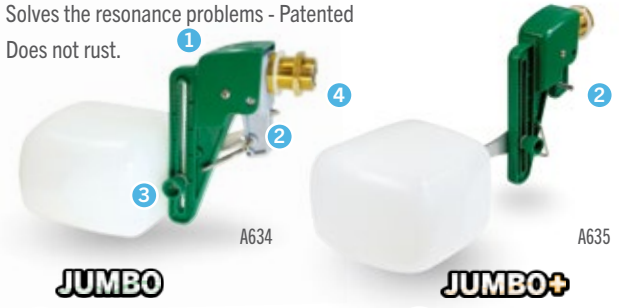
PATENTED

High-flow valves 0-6 bar for troughs and tanks.

Soft closure with anti-bounce stabiliser.

Solves the resonance problems - Patented

Does not rust.



80 L/min. at 3 bar

103 L/min. at 3 bar



1. High flow channelled downwards, splash free.
2. Patented adjustable anti-oscillation system to prevent the float valve from bouncing regardless of the situation (video on labuvette.fr).
3. Reliable setting of the water level, without tools and locking pin (for cleaning)
4. The ¾" brass fitting can be removed to use the ½" synthetic fitting.

Dimensions: 227 x 145 x 180 mm (JUMBO) / 317 x 145 x 180 mm (JUMBO+).

REF.	DESIGNATION	PACKAGING
A634	JUMBO 80 L/min at 3 bar. ¾" or ½" M fitting.	Blister
A635	JUMBO+ 103 L/min at 3 bar. ¾" or ½" M fitting.	Blister

FLOAT VALVES



REF.	DESIGNATION
A603	32 l/mn (at 3 bar) float valve for PREBAC. (max. pressure: 6 bar) - ¾" male brass fitting included.
A617	Same as A603, but low pressure (<1bar-14.5psi)(blue) for supply by gravity
A613	Float valve for low pressure (blue color) for water supply by gravity (<1 bar (14.5 psi)). For THERMOLAC (p.46), CLEANOBAC and ISOBAC (p.45)
A615	Extra float valve to connect GV150, GV230, GV300 and GV460 drinkers (p.38) and milkcooler in low pressure.
A384	Extra float valve for MULTI-TWIN (p.42)

See page 112 for connection accessories.



LACABAC 80

Adjustable high-flow float valve fits all types of troughs.

JUMBO 80 l/min valve (at 3 bars) protected by stainless steel cover. Mounting secured by two brackets.

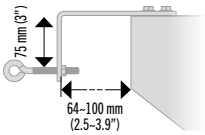
JUMBO 80 L/min

Ideal for large herds.

¾" M, brass fitting.

80 L/min. at 3 bar









REF.	DESIGNATION	PACKAGING
A680	80 litres/minute LACABAC (at 3 bar) - Stainless steel cover. Big mouting brackets. ¾" M connection.	Carton apiece

LACABAC

Float valve unit with 10/10 stainless steel cover for all types of troughs. Mounting secured by two big galvanised plates.

Synthetic valve, does not rust. Easily adjustable water level, without tools. Shut off separately to clean the trough.

A601: Model for standard pressure **1 to 6 bar,** big brackets.
A605: Model for standard pressure **1 to 6 bar,** flat brackets.
A608: Model for low pressure **0 to 1 bar** (gravity)**,** big brackets.



A601 — **26 L/min.** at 3 bar

A605 — **26 L/min.** at 3 bar

A608 — **15 L/min.** at 0,2 bar

REF.	DÉSIGNATION	PACKAGING
A601	Model with high flow rate 26 litres/minute at 3 bar (7 USG/mn at 40 psi) Large stainless steel brackets - Connection ¾".	Carton apiece
A605	Model with high flow rate 26 litres/minute at 3 bar (7 USG/mn at 40 psi) Flat stainless steel brackets - Connection ¾".	Carton apiece
A608	Model for low pressure (< 1 bar) for supply by gravity - 15 l./mn at 0,5 bar (4 USG/mn at 7 psi). Large s.s. brackets - Connection ¾".	Carton apiece

Drinking Trough for Tanks and Self-Supporting Tanks

BIGLAC 55T

Double deep drinking trough for water bowser, in H.D.P.E. with constant water level.
Low pressure float-valve (works from 0 to 1 bar (14 psi)).
Suitable for **20 heads of cattle.**
Capacity 55 litres.

15 l/mn at 0,2 bar



1. **With broad edge reducing spills by lapping.**
2. Two drain plugs without tool.
3. **Galvanised mounting frame**

Dimensions:
86 x 38 x 30 cm
(33.9 x 15 x 11.8")

Directly connected to the metal outlet of the tank by means of a bolt or ¾" (20x27 mm) from behind.
Can also be mounted on a slurry tank with the adapter (B201).

REF.	DESIGNATION
1650	Double trough in H.D.P.E. with low pressure valve for water bowser

GALVALAC 65T

Double trough in galvanised steel with constant level for water bowser.
Low pressure float-valve (works from 0 to 1 bar (14 psi)).
Suitable for **20 heads of cattle.**
Capacity 65 litres.

Hot-dip galvanised after manufacture.

15 l/mn at 0,2 bar





The valve can be secured with a chain during transport.
Rounded shape, easy maintenance.
5 attachment points to the tank. Seal supplied.
Drain system without tools.
Spare plug: Ref. 1190417.

REF.	DESIGNATION
G100	Double GALVALAC 65T drinker for water bowser

Installation:
- On a concrete floor or vehicle platform fit for any kind of supporting surface.
- **Our tanks are not suitable to be buried.**

WATER TANKS

Tanks made of one-piece 100% pure polyethylene appropriate for food and treated against ultraviolet light.

Standard models for water storage (density 1).
Reinforced models for liquids up to density 1,5.









1. **Screw cap with external thread**, Ø400 mm (15"3/4) (Ø 130 mm (5"1/8) on 140 l, 270 l and 450 l), for easy cleFoaning and removing impurities.
2. **Filler cap Ø 130 mm (5"1/8)** on tanks of 1800 l, 2900 l, 4000 l and 5600 l.
3. **PVC quarter turn valve at the bottom:** DN 20 mm (¾") for 140 l, 270 l and 450 l. DN 40 mm (1"½) for 650 l and 1200 l. DN 50 mm (2") for 1800 l, 2900 l, 4000 l, 5600 l. ¾" plug for complete emptying or for connection of accessories (waterer, etc).
4. **Anti-rocking design.**
5. It is possible to mount an high flow-rate float-valve, A634 or A635. See page 65. (except for 450, 270 and 140 l. models).



REF.	DESIGNATION	WEIGHT	L (mm)	W (mm)	H (mm)
B220	Tank 140 l	11	800	520	630
B227	Tank 270 l	15	1000	610	800
B221	Tank 450 l	23	1100	650	800
B222	Tank 650 l	34	1520	760	840
B223	Tank 1200 l	57	1700	900	1050
B224	Tank 1800 l	80	2200	1170	1250
B225	Tank 2900 l	130	2550	1300	1350
B228	Tank 4000 l	190	2400	1680	1665
B226	Tank 5600 l	230	3225	1640	1620
B210	Reinforced tank 140 l	13	800	520	630
B217	Reinforced tank 270 l	17	1000	610	800
B211	Reinforced tank 450 l	26	1100	650	800
B212	Reinforced tank 650 l	38	1520	760	840
B213	Reinforced tank 1200 l	65	1700	900	1050
B214	Reinforced tank 1800 l	88	2200	1170	1250
B215	Reinforced tank 2900 l	140	2550	1300	1350
B218	Reinforced tank 4000 l	210	2400	1680	1665
B216	Reinforced tank 5600 l	255	3225	1640	1620

Connected Level Gauge for Tank

BLUE LEVEL

Connected level gauge for tank on pasture sending alarms by e-mail and text message. Easy-to-install ultrasonic sensor for all types of cylindrical, rectangular or cubic, metal or polyethylene tanks on wheels or stationary tanks.

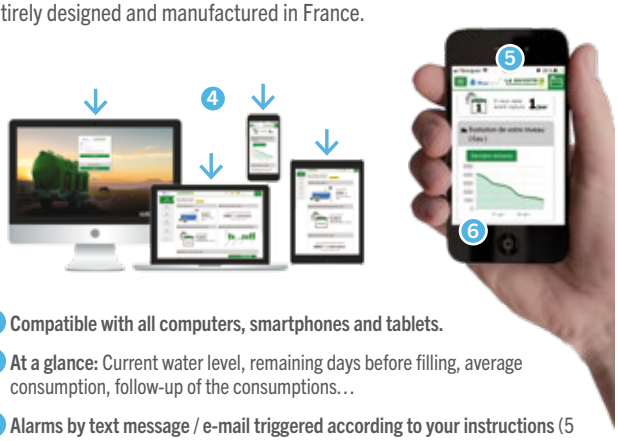




Blue level

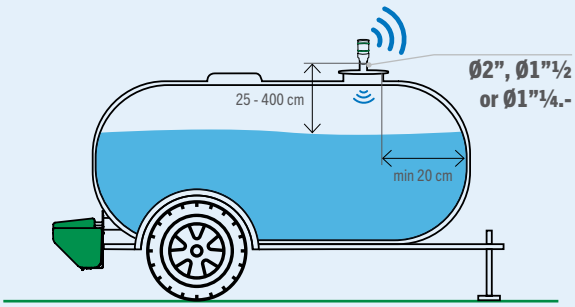
1. **IP67 waterproof ultrasonic sensor.** Communicates its measurements several times a day through a low-power network (see "OUR ADVICE").
2. **Easily installed** at the top of the tank, in a vent or specially drilled hole. **3 thread sizes:** Ø2" - Ø1"½ - Ø1"¼.
3. **2 pre-installed and easily replaceable LR03 batteries** (3 to 5 years' service life).

Installation and implementation in only a few minutes.
Accurately measures the water volume as well as the ambient temperature.
Entirely designed and manufactured in France.



4. **Compatible with all computers, smartphones and tablets.**
5. **At a glance:** Current water level, remaining days before filling, average consumption, follow-up of the consumptions…
6. **Alarms by text message / e-mail triggered according to your instructions** (5 texted alarms per month are included, unlimited number of warnings by e-mail).

For more certainty and peace of mind, you can monitor the water consumption by means of curves and graphs allowing you to **plan ahead when to refill your tank.**



Self-regulation of verticality and distance.

Easy and quick configuration of your tank (shape and size) with your BLUE LEVEL dashboard.



bluelevel.dashboard-labuvette.io

REF.	DESIGNATION
AE30	Connected level gauge with 1 year of communication LORA®
AE31	Connected level gauge with 1 year of communication SIGFOX®

Choosing the communication system LoRa® / Sigfox®

Depending on the geographic location(s) of your gauge, choose the network with the best coverage:

LoRa — **Check out the LoRa coverage**
https://couverture-mobile.orange.fr/mapV3/lora/

sigfox — **Check out the Sigfox coverage:**
https://www.sigfox.com/en/coverage

It is possible to manage several Blue Level gauges with only one dashboard.
Each tank is shown on a map.

The BLUE LEVEL gauge works with water, but also with other liquids such as fuel, lubricant, Adblue, additives…

Pasture Pumps

VIDEO TUTORIAL
on facebook
/labuvette.bovin

for pasture



AQUAMAT™ II NC

Identical to the AQUAMAT™ II with integrated bowl for baby snouts, specially designed for cows followed by their young.



1. Integrated educational bowl for calves of up to 10 months.
2. Design preventing the calf to put its muffle between the push rod and the trough.

REF.	DESIGNATION
2215	Pump alone for Nursing Cows
2216	Pump for nursing cows with strainer + 2 screwed fittings
2207	Pump for nursing cows with strainer + 2 screwed fittings + suction hose 7 m

After a few years of use, if the pump arm no longer returns fully to its original position, the diaphragm may need to be replaced (Ref. 1090878).



B105 B106 B107 B110

Ref.

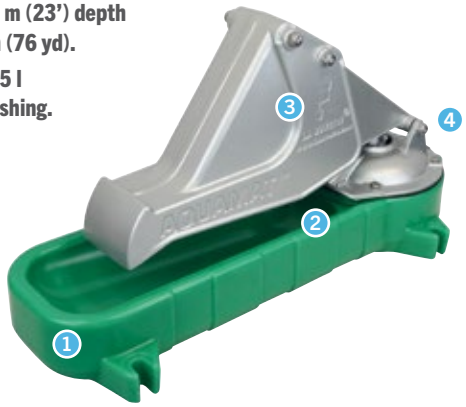
B105	Brass and stainless steel strainer with non return valve
B106	Threaded fitting M26x34 (1") for flexible hose (with inner Ø of 32 mm (1.25"))
B107	Threaded fitting MM 26X34 (1")
B110	Suction set, complete (7 m (23') hose + strainer + fittings)

AQUAMAT™ II

Pasture pump with very easily operated mechanism that has been tried and tested for over more than 20 years, **for cattle and horses.**

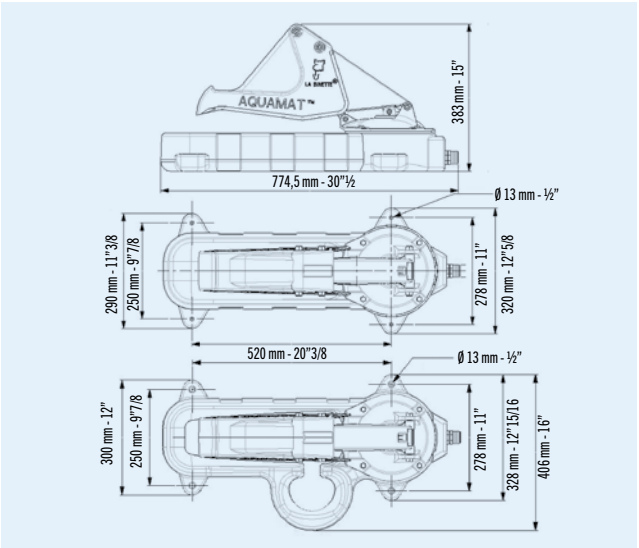
Pumps up to 7 m (23') depth or 70 m length (76 yd).

Flow rate of 0,5 l (0,13 USG)/pushing.

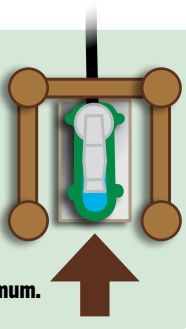


1. **Trough in polyethylene:** Rust-resistant, UV-resistant and unbreakable, whereas the cast trough.
2. **Learning process facilitated** by small water reserve visible on the bottom of the bowl.
3. **The push rod surrounds the mechanism to avoid accidents.**
4. **Reliable and sturdy: Ø 12 mm (0.5") axe.**

REF.	DESIGNATION	PACKAGING
2209	Pump alone with fitting 1" MM (26x34 mm)	
2213	Pump with strainer + 2 fluted fittings	Carton apiece
2214	Pump with strainer + 2 screwed fittings + suction hose 7 m	Carton apiece



To protect the pump and help the animals learn, you can install wooden barriers next to and behind the pump to guide their access to it from the front.



Make sure to firmly secure your Aquamat™ pump to the soil or to a support.

One Aquamat™ suits **for 10 animals maximum.**

Soil Reinforcement

STABILISATION GRIDS

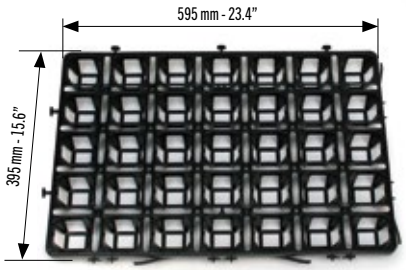
System to stabilise and reinforce the soil structure and improve its natural qualities.

- **Bearing capacity:** the weight of the animal is distributed over all tiles under the hooves: 1 m^2 (10 sq.ft) instead of 1.80 m^2 (28 sq.")(4 hooves x 45 cm^2 (7 sq.")).
- **Permeability:** the soil is not compressed by the hooves, but remains permeable, both for precipitation water and for urine and faeces.
- **Filtration:** the filtering capacity of the soil and the herbaceous layer is preserved thanks to the total or partial recovery around the drink and feed places.

For the most heavily trampled areas.

The tiles are easily clipped together.

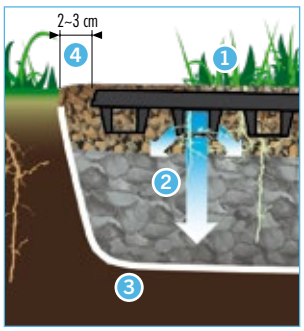




New design with higher drainage capability.

Height: 55 mm (2.2").

The grid structure evenly distributes the weight of the animals and protects the bottom layer.

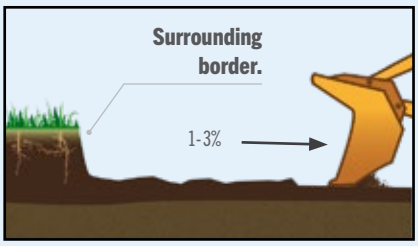


1. The stabilising grids are overgrown with grass.
2. The stabilising grids are overgrown with grass.
3. Geomembrane (optional).
4. Expansion joint.

REF.	DESIGNATION
D250	4 stabilisation grids (1 sq.m)

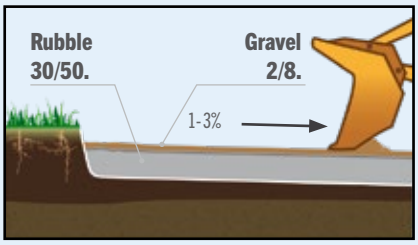
- Install stabilising grids in heavily trampled areas: in front of the building, around drinkers and feed racks and on access roads.
- The surface area to be covered depends on the length of the animals. For cattle and horses, it is recommended to install at least 3 m of tiles around the gathering points (drinker, feed rack…) For sheep and goats, approximately 2 m will do.
- On clayish soils or if you want to restrict revegetation on the stabilised area, first place a geomembrane on the bottom before filling it up with rubble. Note that this prevents deep rooting.





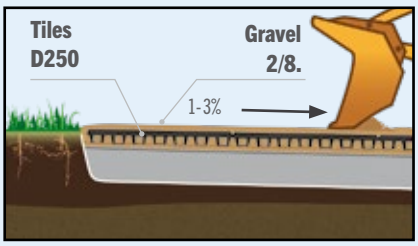
1

Before installing the LA BUVETTE® ground covering and before starting the works, the surface has to be sufficiently dry and have an inclination of 1 to 3 % according to the composition of the soil. It may be necessary to drain heavy clay soils.



2

Install a permeable layer of rubble size 30/50, then level the surface with an appropriate machine. Install a 1 to 2 cm thick final layer of gravel size 2/8.



3

Install the first tile (D250) into a corner with the hooks pointing in the direction of the surface to be covered and proceed diagonally.

Leave an expansion joint of 2 to 3 cm between the border and the outer tiles.

Fill the tiles (D250) immediately after installation with a permeable material (gravel 2/8).

Provide some extra filler material to compensate for soil compaction during the first weeks after installation (1 to 2 cm).

IMPORTANT : Surround the stabilised area with a border to make sure that the outer tiles cannot move. If the borders are subject to intensive use, the outer tiles can be anchored with foundation bolts.

ADVICE FROM LA BUVETTE® ON SOLAR DRINKERS AND SOLAR PUMPS



A pioneer in solar-powered watering systems, LA BUVETTE has been manufacturing self-contained pumping kits since 2003. Whether for a few horses or for supplying water to several herds of cattle or sheep over long distances, our seven kits combine performance, reliability and ease of installation.

SUMMARY OF DAILY WATER REQUIREMENTS PER ANIMAL ON PASTURE

Animal	Dairy cow	Cattle	Weaned calf (200 kg)	Dry cow, pregnant cow, beef cattle	Heifer (350-450 kg)	Milk ewe	Ewe with lamb	Dry ewe	Milk goat	Dry goat	Adult horse	Lactating mare
Summer peak	125 l/d	75 l/d	20 l/d	70 l/d	50 l/d	15 l/d	12 l/d	6 l/d	12 l/d	6 l/d	45 l/d	55 l/d
Average	55 l/d	35 l/d	15 l/d	35 l/d	30 l/d	7 l/d	6 l/d	3 l/d	5 l/d	3 l/d	20 l/d	30 l/d

- **Use the summer peak to size your pumping system.**
- **Use the average to calculate the desired runtime in the event of a lack of sunshine.**

THE MORE THE SUN SHINES, THE MORE THE ANIMALS DRINK AND THE MORE WATER THE PUMP SUPPLIES.

Since 2003, numerous users have been convinced by the performance and reliability of SOLAR-FLOW™. No need to worry anymore about the water supply when there is already a work overload in summer. No risk of water shortage and the animals no longer come rushing when the tractor arrives! Taking into account the fuel and time saved, a SOLAR-FLOW™ system pays off within a few seasons.

KITS DESIGNED TO LAST FOR DOZENS OF GRAZING SEASONS

Our submersible pumps are suitable for clear water from boreholes (minimum Ø120 mm), rivers or reservoirs.

We offer factory pump maintenance services. A SOLAR system can therefore easily last for several decades.
Please contact your distributor.

FOLLOW THE SUN'S RAYS TO MAKE THE RIGHT CHOICE:

What is the maximum number of litres of water needed per day?

Use the table of summer water requirements by livestock type to estimate your herd's daily water requirements.

- *1,200 litres or less*
- *between 1,200 and 2,200 litres*
- *between 2,200 and 3,500 litres*
- *more than 3,500 litres*

How many watering points?

Would you like to supply a single remote watering point or several plots?

- *Just 1 within 25 metres of the pumping point*
- *Just 1 within 50 metres of the pumping point*
- *2 or more on several plots*

What is the total lift height? (depth + elevation gain + distance)

Calculation: The height between the pump and the highest drinking trough (or water tank) plus one-tenth of the horizontal distance between the pump and the highest drinking trough (or water tank). To minimise pressure loss, use large-diameter pipes.

- *10 metres and under*
- *20 metres and under*
- *50 metres and under*

What sort of self-sufficiency is there without sunshine?

The batteries smooth out the pump's operation and can cope with 5 to 10 days without sunlight. Whilst one or more storage tanks can sometimes be combined with battery systems, they are essential for systems that operate without batteries («Solar-Powered»).

- *Battery(ies) (energy storage)*
- *Water tank (water storage)*

SOLAR range



SOLAR-BASIC	SOLAR-FLOW 900	SOLAR-FLOW STORAGE 12V	SOLAR-FLOW 1500	SOLAR-FLOW STORAGE 24V	SOLAR-FLOW SOLAR-POWERED	SOLAR-SUPERFLOW
Ref. 2200	Ref. 2201	Ref. 2285	Ref. 2202	Ref. 2287	Ref. 2203	Ref. 2204
71	72	73	72	73	74	75

SOLAR RANGE COMPARISON

 **SOLAR-BASIC** Ref. 2200	55 Wp	12 V	85 Ah*	**1200 l/day** (125 l/h)	**5 days** at 1200 l/day	**10 - 15** **10 - 15** **80 - 100** **25**	Waterup pushing **10 m**	Distance **25 m**	**Unique** Drinking site
SOLAR-FLOW "All-in-one" 900 L Ref. 2201 	80 Wp	12 V	110 Ah	**2200 l/day** (250 l/h)	**10 days** at 1200 l/day	**15 - 20** **15** **175** **50**	Waterup pushing **20 m**	Distance **25 m**	**Unique** Drinking site
SOLAR-FLOW "All-in-one" 1500 L Ref. 2202	160 Wp	24 V	110 Ah	**3500 l/day** (360 l/h)	**10 days** at 2500 l/day	**30 - 40** **30** **250** **75**	Waterup pushing **50 m**	Distance **50 m**	**Unique** Drinking site
 **SOLAR-FLOW "Storage" 12V** Ref. 2285	80 Wp	12 V	110 Ah	**2200 l/day** (250 l/h)	**10 days** at 1200 l/day	**15 - 20** **15** **175** **50**	Waterup pushing **20 m**	Distance **200 m**	**Several** Drinking sites
SOLAR-FLOW "Storage" 24V Ref. 2287	160 Wp	24 V	110 Ah	**3500 l/day** (360 l/h)	**10 days** at 2500 l/day	**30 - 40** **30** **250** **75**	Waterup pushing **50 m**	Distance **500 m**	**Several** Drinking sites
SOLAR-FLOW "Solar-Powered" Ref. 2203 	160 Wp	24 V	-	**3500 l/day** (360 l/h)	-	**30 - 40** **30** **250** **75**	Waterup pushing **50 m**	Distance **500 m**	**Several** Drinking sites
NEW  **SOLAR-SUPERFLOW** Ref. 2204	305 Wp	24 V	-	**1100 l/day** (1200 l/h)	-	**30 - 40** **30** **250** **75**	Waterup pushing **50 m**	Distance **500 m**	**Several** Drinking sites

Battery not supplied with this product.

Maximum performance under optimal conditions. Range measured with solar panels disconnected.

LONG DISTANCES? BE AWARE OF PRESSURE LOSSES

Some of our solar pumping kits can supply a cistern or tanks located a considerable distance from the pumping point. In addition to the height difference and distance, the friction caused by water flowing through the pipes – known as pressure losses – must be taken into account. These increase in proportion to the flow rate.

To minimise them, a simple rule is to use pipes with a larger internal diameter. For example, a SOLAR-FLOW Storage unit can deliver water over a distance of nearly 1 km using a buried pipe with an internal diameter of 30 mm. An internal diameter of 40 mm is recommended for the same task when using a SOLAR-SUPERFLOW pump, which has a higher flow rate.

ALL OUR TIPS AND TRICKS TO CHOOSE YOUR SOLAR-POWERED WATERING SOLUTION WISELY:



bit.ly/Solar-watering

OUR TECHNICIANS ARE ON HAND TO ASSIST YOU BEFORE AND AFTER YOUR PURCHASE

LA BUVETTE® technical advisors are available on **+33 324 523 727** to help you choose the best system for your animals, assist with its installation and diagnose any potential issues.

The SOLAR-FLOW™ and SOLAR-SUPERFLOW™ kits are complete and factory-prepared for easier and quicker installation. The batteries are delivered fully charged and some electrical and hydraulic connections are already in place.

Make the most of the winter to have your SOLAR-FLOW™ pump serviced by LA BUVETTE. This maintenance is recommended every 2 to 5 years, depending on the quality of the water being pumped. Ask your distributor for advice.

Never dismantle the pump. Simply disconnect it from its power cable by watching the video:

www.labuvette-waterers.co.uk/communication/advice/videos-tutorials

Solar Pumping Station

VIDEO
on YouTube
@LA BUVETTE

SOLAR-BASIC

Solar-powered, off-grid pumping combination able to cover water consumption peaks in summer for 10 adult cattles or 25 heifers or 80 to 100 sheep/goats or 25 horses.

Reliable, powerful and easy to install.



Up to **1200 L/day**

Up to **5 days without sun**







1. **Submersible pump**, 12 V; **Flow rate: 125 l/h** depending on the suction depth
2. **Solar panel 12 V / 55 Wc with mounting frame**
3. **Pre-wired controller: protects the battery from becoming completely drained**
4. **Storage box for the battery* and the controller**
5. **The pump is stopped by a water-level sensor in the trough**
6. **All necessary accessories for hydraulic and electrical connections are supplied. 25 m cable and 25 m hose are also included.**

Autonomy: Solar-Basic can pump **1200 l/day for 5 days without sun***.

Easy-to-move combination, to be installed near a pumping point (maximum 25 m).

Compatible with all types of troughs and tanks.

***Battery not supplied.** We recommend the use of a gel battery with a capacity of 85 Ah, maximum dimensions: **280 x 175 x 190 mm** *(11"x 6.9"x 7.5")*.

REF.	DESIGNATION
2200	SOLAR-BASIC : 12V Solar-Powered Pumping Set

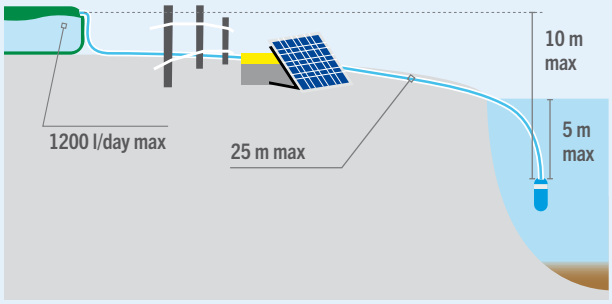
MANDATORY: Attach the immersion pump of the SOLAR-BASIC to a fixed point by means of a stainless steel or nylon wire. This avoids harmful forces on the power cable and its watertight connection.

Protect the level sensor against the animals by means of the stainless-steel cover (ref. 4140292).



for pasture

DIAGRAM:
SOLAR-BASIC



Minimal well diameter: **120 mm (5")**
Maximum verticaly waterup pushing: **10 m (33 ft)**
Maxi. immersion depth of the pump: **5 m (16 ft)**





Option Ref. 4140292.

SOLAR-BASIC VIDEO :
to watch on www.labuvette.com

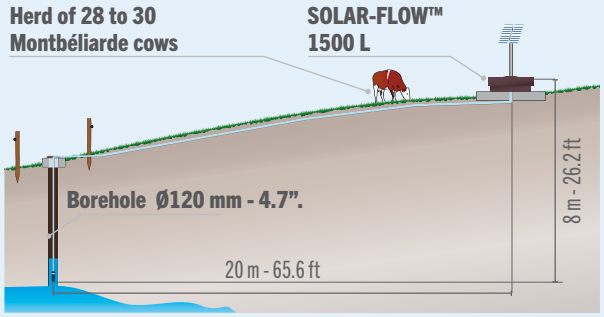


Drinking Troughs With Solar Pumps and Batteries

VIDEO
on YouTube
@LA BUVETTE

EXAMPLE OF INSTALLATION
SOLAR-FLOW™ 1500 L

Mr B. SAINT-DIZIER, breeder of Montbéliarde cattle in They-Sous-Montfort (Vosges, France)
Installation date: **04/2006** Farm – pasture distance: **12 km (7.5 Miles)**
Pasture season: **Approximately 50 days** Return on investment: **4 seasons**





★★★★★

I was astounded by its output and reliability

BERNARD SAINT-DIZIER, BREEDER OF MONTBÉLIARDE CATTLE IN THEY-SOUS-MONTFORT (VOSGES, FRANCE)

I have been using a Solar-Flow 1500 L since April 2006. As time passed, I was astounded by its output and reliability, which made it earn my confidence. In May 2010, I chose a Solar-Flow 900 L for a group of 18 young cows. I gained a lot of time and no longer had to worry about the water supply. It is a big relief. The pumps are plunged to a depth of 6-8 m in wells at a distance of some twenty metres from the troughs. No need to worry about the Solar-Flow™ drinkers. Even if the sky is overcast, the troughs are full. The animals are calmer, no longer stand around waiting for the tractor to come and there is no more crowding to get water.

Even when I only take into account the fuel savings, tractor wear and gain in time (1 hour a day), my Solar-Flow 900 L will be paid off in 3 seasons.

Minimal well diameter: **120 mm (5")**
Maximum immersion depth of the pump: **20 m (65 ft)**

Have your pump overhauled regularly (every 2 to 5 years depending on the quality of the borehole). LA BUVETTE offers you a fixed rate for pump maintenance. Take advantage of the low season to have your pump overhauled and have it operational by the next high season... Contact your dealer for advice.

SOLAR-FLOW™ 1500 L

Autonomous solar-powered drinker with batteries. The pump is powered by the batteries, which are recharged by the solar panels.

This kit covers the consumption of a herd of **30 dairy cows or 30 nursing cows with their calves**.

For watering **within 50 metres** of the pumping point.

Up to **3500 L/day**



1. **1500 l. trough** (2 x 750) **in Polychoc™ HDPE** (as PREBAC) **Ø 2,00 m. 10 years warranty. Quick draining "Vide-Vite".**
2. **Water level sensors inside the trough initiate the start and stop function of the pump.**
3. **Very powerful immersion pump: Pushes the waterup to 50 m vertically** and supplies **160 to 360 l/h** (depends on the suction depth).

Up to **10 days without sun**





4. **The central compartment** locked by a key protects the 2 batteries, their charge controller and the control unit. **Autonomy: 10 days** without sun, with a daily consumption of 2500 l/ day.
5. **Solar panels 80 Wp, pole and bracket,** with anti-theft nuts.

50 m of hose, 50 m of electrical cable, stainless steel wire rope, and other accessories included.

REF.	DESIGNATION
2202	Complete pack - Solar pump - Two 750 litres (1500 litres) drinking troughs. Two 12 V batteries and two solar panels 80 Wp

SOLAR-FLOW™ 900 L

Autonomous solar-powered drinker with one battery. The pump is powered by the battery, which is recharged by the solar panel.

The Solar-Flow™ 900 L model pumps up to **2200 litres/day** during the high season. It covers the consumption of a herd of **15 dairy cows or 15 nursing cows with their calves**.

For watering **within 25 metres** of the pumping point.



1. **900 l. trough** (2 x 450) **in HDPE** (same as 2202). **Diameter 1,60 m** (63").
2. **Pushes the water up to 20 m vertically.**
3. **Autonomy of the battery: 10 days** without sun, with a daily consumption of 1200 l/ day.
4. **Solar panel 80 Wp, pole and bracket**

25 m of hose, 25 m of electrical cable, stainless steel wire rope, and other accessories included.

REF.	DESIGNATION
2201	Complete pack - Solar pump - Two 450 litres (900 litres) drinking troughs - One 12 V battery and one solar panel 80 Wp

Autonomous Heavy Duty Pumping Station

VIDEO on YouTube @LA BUVETTE

SOLAR-FLOW™ STORAGE

Complete autonomous 24V solar pump set with batteries:
The batteries accumulate energy as soon as the luminosity is sufficient. Water level sensors activate and stop the pump to avoid overflow.

This kit covers the consumption of a herd of **30 dairy cows or 30 nursing cows with their calves**.

For watering **over 50 metres** from the pumping point.

Up to **3500 L/day**

Up to **10 days without sun**



1. **Very powerful immersion pump: Pushes the waterup to 50 m vertically** and supplies **160 to 360 l/h** (depends on the suction depth).
2. **Water level sensors inside the trough initiate the start and stop function of the pump.**
3. **The central compartment** locked by a key protects the 2 batteries and their charge controller. **Autonomy: 10 days** without sun, with a daily consumption of 2500 l/ day.
4. **Solar panels 80 Wp, pole and bracket,** with anti-theft nuts.

50 m of hose, 50 m of electrical cable, stainless steel wire rope, and other accessories included.

REF.	DESIGNATION
2287	Solar pump set 24 V «Storage»: With two 80 Wp panels, submerged pump, pole, support, cabinet, two 12 V batteries

The 12V version covers the consumption of a herd of **15 dairy cows or 15 nursing cows with their calves**.



Up to **2200 L/day**

25 m of hose, 25 m of electrical cable, stainless steel wire rope, and other accessories included.

REF.	DESIGNATION
2285	Solar pump set 12 V «Storage»: With one 80 Wp panel, submerged pump, pole, support, cabinet, 12 V battery

Networked pressure-controlled level management kit. Enables easy supply to multiple tanks/reservoirs fitted with standard float valves.

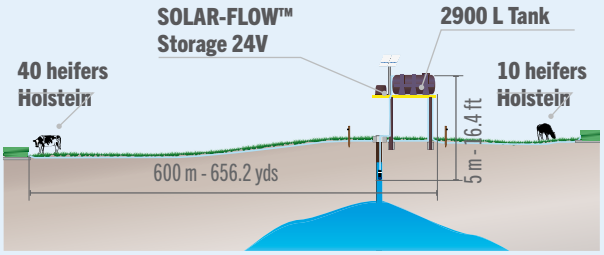


Ref.
S664 Water level control kit with pressure switch



EXAMPLE OF INSTALLATION
SOLAR-FLOW™ STORAGE

Mr J-L. GAVARD, breeder of dairy cows in Saint-Etienne-en-Coglès (35, France)
Installation date: **07/2014** Farm – pastures distance: **3 km (1.9 Miles)**
Pasture season: **Approximately 160 days** Return on investment: **2 seasons**





★★★★★

My SOLAR-FLOW™ station paid itself back in only two seasons

JEAN-LOUIS GAVARD, BREEDER OF DAIRY COWS IN SAINT-ETIENNE-EN-COGLÈS (ILLE-ET-VILAINE, FRANCE)

My 24 V SOLAR-FLOW™ Stockage with batteries has been operational since July 2014. The water is drawn from a shallow borehole and is first stored in a higher-placed 2900-litre tank before supplying two troughs placed at a distance of up to 600 m. From April to November, the system provides water to a group of 1 to 2-year old heifers and a group of some ten +2 year old heifers on pasture at 3 km from the farm. My SOLAR-FLOW™ Stockage station saves me 1h30 of water hauling duty 2 to 3 times a week, it paid itself back in only two seasons.

Minimal well diameter: **120 mm (5")**
Maximum immersion depth of the pump: **20 m (65 ft)**

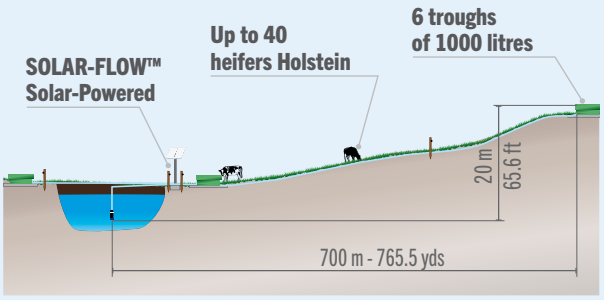
Battery-Free Solar-Powered Pump Set

VIDEO
on YouTube
@LA BUVETTE



EXAMPLE OF INSTALLATION
SOLAR-FLOW™ SOLAR-POWERED

Mr H. CHAUVIN, breeder of dairy cows in Guemené-Penfao (44, France)
Installation date: **01/2014** Farm – pasture distance: **6 km (3.7 Miles)**
Pasture season: **Approximately 180 days** Return on investment: **2 seasons**





★★★★★

The Solar-Flow™ is really effective

HERVÉ CHAUVIN, BREEDER OF DAIRY COWS IN GUEMENÉ PENFAO (LOIRE-ATLANTIQUE, FRANCE)

I have been using a 24 V SOLAR-FLOW™ SOLAR-POWERED pump without batteries since January 2014. It takes water from a pond to serve several groups of Holstein Friesian heifers (up to 40 animals). As soon as there is enough light, the pump fills up 6 troughs of 1000 litres. The farthest one is situated at a distance of 700 metres and 20 m higher and it all works perfectly. The animals stay outside from March till November and before, I had to haul water with my tractor two times a week and it costs me 1h30 each time. I am very happy with my investment. The Solar-Flow™ pump is really effective. My installer adapted the cross-section of the tubes to the distance and he even added a valve system allowing the water to return to the pond when the troughs are full.

Minimal well diameter: **120 mm (5")**
Maximum immersion depth of the pump: **20 m (65 ft)**

SOLAR-FLOW™ SOLAR-POWERED

Complete 24V solar pump set without battery: The pump is activated as soon as the luminosity is sufficient.

This kit covers the consumption of a herd of **30 dairy cows or 30 nursing cows with their calves**.

For watering **over 50 metres** from the pumping point.

Up to **3500 L/day**



1. **Very powerful immersion pump: Pushes the waterup to 50 m vertically** and supplies **160 to 360 l/h** (depends on the suction depth).
2. **Solar panels 80 Wp, pole and bracket,** with anti-theft nuts.
3. ON/OFF booster and control unit supplied.

50 m of hose, 50 m of electrical cable, stainless steel wire rope, and other accessories included.

REF.	DESIGNATION
2203	Solar pump set 24 V «SOLAR-POWERED» with two 80 Wp panels submerged pump, pole and supports, 24 V ON/OFF booster

A SOLAR-FLOW™ "Solar-Powered" pumping station does not store the energy. Therefore, you should provide for a water reserve of sufficient capacity in order to cover several very cloudy days in a row.

A storage tank is better than troughs as a means of storage. It shields the water from light and you will not find any drowning animals in it. This prevents algae growth and water contamination.

See our water tanks on page 64.

Networked pressure-controlled level management kit. Enables easy supply to multiple tanks/reservoirs fitted with standard float valves.



Ref.	
S664	Water level control kit with pressure switch

Heavy Duty Battery-Free Solar-Powered Pump Set

VIDEO on YouTube @LA BUVETTE

SOLAR-SUPERFLOW™ NEW

Complete 24V solar pumping kit without a battery, featuring water level control via a pressure switch: The pump activates when there is sufficient light and the pressure to the delivery points drops.

This kit covers the consumption of a herd of **40 dairy cows or 40 nursing cows with their calves**.

For watering **over 50 metres** from the pumping point.

Up to **11000 L/day**



1. **High-performance submersible pump: Pumps water up to 50 m vertically** and delivers a **flow rate of up to 1,200 l/h,** depending on the suction depth. Protected by a well-bottom sensor.
2. **305 Wp monocrystalline solar panel** (166 x 100 cm), and **MPPT controller** integrated onto a galvanised mounting frame, **ready for installation on concrete.**
3. **Expansion tank fitted with a pressure gauge and an adjustable pressure switch:** One or more tanks or cisterns empty – the valves open – the pressure in the tank drops – the pressure switch starts the pump – one or more tanks or cisterns fill – the valves close – the pressure in the tank rises – the pressure switch stops the pump.
   Pre-assembled, sealed flanged inlet and M 1" (26x34 mm) threaded outlet.

50 m of hose, 50 m of electrical cable, stainless steel wire rope, and other accessories included.

REF.	DESIGNATION
2204	SOLAR-SUPERFLOW Kit – 1200 l/h submersible pump – 305 Wp panel mounted on an adjustable bracket – pre-wired ON/OFF switch and controller – adjustable pressure switch bladder

A feed line (not supplied) can be used to connect several tanks or reservoirs, which must be fitted with float valves such as the JUMBO A634, JUMBO+ A365, A603, A617 or LACABAC A680, A601 and A608. See page 63.

Power boost kit enabling the pump to start in low-light conditions. Recommended where water supplies are limited.

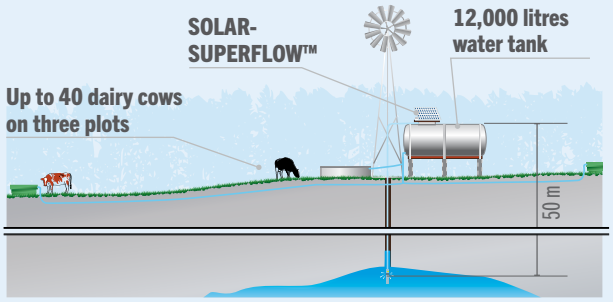


Ref.	
S626	Pre-assembled 305 Wp second panel kit on a galvanised bracket



EXAMPLE OF INSTALLATION SOLAR-SUPERFLOW™

Mr. Christian VANDERPOORTE, breeder of dairy cows in Germont (08, France)
Installation date: **08/2024** Farm – pasture distance: **6 km (3.7 Miles)**
Pasture season: **Approximately 180 days** Return on investment: **1 season**





★★★★★

It replaces a wind turbine

CHRISTIAN VANDERPOORTE, BREEDER OF DAIRY COWS IN GERMONT (08), FRANCE

I used a wind turbine for about ten years. Maintenance was a hassle and, above all, expensive for such a limited water flow. So I replaced it with a SOLAR SUPERFLOW in August 2024. It draws water from a depth of 50 metres and feeds a 12,000-litre storage tank positioned at a height. That's the minimum required for around forty dairy cows spread across three plots. Installation was very quick as everything was supplied and pre-assembled at the factory. The longest part was removing the wind turbine's tubes.

The tank filled up quickly. Despite the depth of the well and a rather overcast sky, it took less than five days. I placed the SOLAR SUPERFLOW on top of the tank to protect it from the animals and theft.

Minimal well diameter: **120 mm (5")**
Maximum immersion depth of the pump: **20 m (65 ft)**
Minimum well flow rate: **1000 l/h**

TO HELP YOUR CALVES MAKE A GOOD START IN LIFE

A well-housed and well-fed calf is a healthy calf

The first months of a calf's life are decisive. Although the breeders already pay a lot of attention to the hygienic and food conditions, they still often forget to think about the housing and its climate. The welfare of the calf is however very important for its health and to ensure its growth. Therefore, the housing is an essential factor to give your calves a good start in life and to ensure the replacement of the herd. With its hutches for all ages, LA BUVETTE helps the breeders give their calves a good start.

A HUTCH FOR ALL AGES

LA BUVETTE offers the breeders hutches that are adapted to young calves from their birth until they are weaned in order to ensure their safety and good health.

MINISTAR
up to 4 weeks

Individual starting hutch for calves up to 4 weeks old. This hutch offers all comfort to very young calves, keeping them safe and protecting them from microbes.



SEE P.85

INDIVIDUAL

MIDDLESTAR
from 1 to 2 months

Middlestar is an individual hutch for calves up to the age of 2 months.



SEE P.86

INDIVIDUAL

FULL RANGE OF BREEDING MATERIAL FOR CALVES

LA BUVETTE offers the breeders comprehensive solutions for breeding calves, including housing, watering as well as maintenance solutions.

Waterers adapted to calves

With its LAKCHO 2, BABYLAB, LAC 5A and B19, LA BUVETTE offers the breeders a range of waterers that are especially designed for young calves.



Page 8.



Page 12.



Page 26.



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Troughs for small animals

The troughs (ref. D235, D236) are ideal for the distribution of milk and solid food for both indoor and outdoor use.

A range of accessories to cover all the breeders' needs

To complete LA BUVETTE's product range for young calves, we offer from now on CALF-BUDDY™ teats and connectors that combine the MILK BAR™ technology of controlled milk flow with the 1-click system to connect them to our usual feeding buckets with teats. The breeders can also find accessories such as a polyethylene pail protection (D138) and to clean the nursery, there are also light but sturdy and easy to use rectangular and round brushes, shovel and scraper (Ref. A701 to A717).





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The essential carts and wheelbarrows

LA BUVETTE offers a wide range of rolling material to transport buckets, fodder and even new-born animals.



DISCOVER ALL OUR FENCES AND GATES ON PAGE 87

LOGISTAR

up to 2 months

Logistar is an oversized individual hutch for calves aged up to 2 months.



SEE P.86

INDIVIDUAL

SUPERSTAR

from 2 to 6 months

The new SUPERSTAR calf hutch with its rolling fence for 5 animals is specially designed for calves aged from 2 to 6 months. It offers housing comfort to the young calves and easier working conditions for the breeders.



SEE P.88

COLLECTIVE



5 TIPS FOR A WELL-HOUSED CALF IN GOOD HEALTH

During the first weeks of its life and even beyond the period of 0 to 4 weeks, when the calf needs special attention and specific care, healthy and comfortable housing conditions are essential. For maximum comfort, 5 criteria must be considered: temperature, ventilation, humidity, location and surface area allocated to each animal.

1. TEMPERATURE ADAPTED TO THE AGE OF THE YOUNG CALF AND WITHOUT SUDDEN VARIATIONS

To each age of the calf corresponds a certain temperature range that is well-supported (without draught or high humidity):

- 0 to 25 °C for newborns (younger than 24 hours)
- -10 to 30 °C for calves younger than 3 months
- -15 to 35 °C for calves older than 6 months

Besides low temperatures, it is even more important to avoid sudden variations in temperature and the variation between the day and night time temperature should not exceed 15 %. Significant temperature variations can lead to a weakening of the defence system and affect the digestive process.

2. AIR RENEWAL WITHOUT DRAUGHT

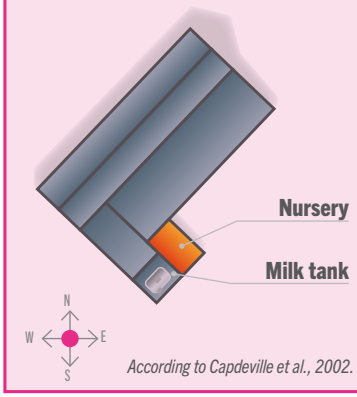
The air inside the hutch of the young calf must be replaced to evacuate the foul air that is often the cause of respiratory diseases. The air speed around the calves should not exceed 0,25 m/s. The air speed can be increased to 1 m/s to lower high temperatures (above 25 °C) during the summer. Draughts however with sudden waves of cold air must be avoided for the comfort of the calves.

3. HUMIDITY UNDER CONTROL

Draughts, cold and humid walls are the worst enemies of a young calf. Therefore, the ambient humidity must be monitored by looking for any traces of water on the inside walls of the pens or hutches and the metal parts. The coat of the calf and the litter may not by humid to the touch. Neither allow the milk to be prepared inside the nursery as this can strongly increase the ambient humidity.

4. NURSERY CLOSE TO THE MILK PARLOUR BUT ISOLATED AND FACING SOUTH-EAST

The location of the nursery in the stable is a decisive factor. Installing the nursery close to the milking parlour and the calving boxes will simplify your work, but you must make sure to provide sufficient isolation from the housing of the adult animals to minimise the risks of transmitting infectious agents. In case of half-open buildings or hutches placed outdoor, south-east orientation is recommended.



According to Capdeville et al., 2002.

- Proximity to the dairy.
- Sunlit from the morning on.
- Protection from the rain by the neighbouring buildings.
- Protection against the cold winds.



- Incline of 3 % for the evacuation of urine.
- Orientation: back to the prevailing wind and front to the morning sun.
- Vents adjusted to the weather conditions.

5. A HUTCH FOR EVERY AGE

During the first weeks of their lives, calves need to be housed in individual hutches. The length of the individual calf hutch needs at least to be equal to the length of the calf increased by 10 % (length measured from the tip of the nose to the back of the buttocks). The width shall at least be equal to the size of the shoulder of the calf (in a standing position).

Past the age of 8 weeks, the calves move to group housing. The dimensions of the group hutches must be adapted to the size of the animals. Until they are weaned, it is preferable to avoid large groups and to compose homogenous groups of 5 to 6 calves to keep everything well under control.



CALVES AND MORTALITY

Young calves are fragile until they are weaned and the mortality of young calves is a major problem for dairy farms.

Most pre-weaning deaths (except deaths during calving) are caused by respiratory and diarrhoeal diseases. A study conducted in France shows that the mortality risk of calves aged less than one month is 10,2 % of which almost 7 deaths out of 10 occur within the first 48 hours.

Between 1 and 2 months, the mortality risk is 1,3 % while in calves of 2 to 6 months old it raises to 2,3 %. New-born calves have in fact a limited resistance to diseases due to the fact that they have almost no circulating antibodies that are able to destroy pathogens.

During the first hours of their lives, the calves drink the colostrum which contains the antibodies needed to acquire their immunity. Since the pathogens causing diseases are mostly transmitted by contamination between animals, it is desirable to house the young calves in individual hutches during the first weeks of their lives.

RECOMMENDATIONS FOR A HEALTHY AND BALANCED DIET FOR YOUNG CALVES

For a healthy and balanced diet favouring the growth of the calves, a few rules have to be followed:

1. PERFECT HYGIENE

Hygiene such as cleaning of the milk distribution equipment is essential because buckets that are not or badly washed favour the growth of bacteria. It is thus essential to clean all tools used to prepare and distribute the milk after each use.

2. CAREFUL MILK PREPARATION

When the calves are fed with milk replacer, the major problems have to do with a bad preparation of the milk powder. The milk must be perfectly homogeneous and distributed at a temperature of 40 °C.

3. EASY MILK DISTRIBUTION

It is better to feed milk to young calves from a higher-placed pail with nipple to stimulate the reflex closure of the oesophageal gutter and salivation.

4. INTRODUCE SOLID FOOD AS SOON AS POSSIBLE

The administration of solid food (concentrate and fodder) should be started as soon as possible. The calves must be able to freely dispose of concentrate and rough fodder of good quality (but in small quantities in the beginning to avoid waste). Even though the rumen only starts to become operative after the first month, the administration of solid food from the first days on will help the early development of the rumen.

The feed rack is preferably placed in the back of the individual hutch or astride on the separation between two hutches. When the calves move to group housing, it is important to adapt the height of the feed rack to the size of the smallest animals.

5. WATER ACCESS FROM AN EARLY AGE ON

When they have the opportunity, calves start drinking water from the second day of their lives (although water access is only obligatory as of 2 weeks).

The availability of water stimulates the early ingestion of solid food and helps an early development of the rumen. Therefore, it is recommended to always provide a bucket of clean and fresh water besides the bucket with solid food.

It is however advised to avoid giving water within half an hour following the intake of milk since the entering of water in the abomasum (oesophageal gutter still closed) might cause reflux.

At last, to make sure that the provided water does not contaminate the concentrate and makes it repulsive, you must avoid that the water distribution is too close to the concentrate. A good solution to solve this problem is the installation of a partition between both bucket rings.

Water needs of calves aged from 0 to 6 months

AGE	WATER NEEDS (IN LITRES PER DAY)
1st to 3rd week	1 to 1,5
4th week	2,5 to 3,5
2nd month	4 to 7
3rd month	5 to 8
4th month	6 to 10
5th month	11 to 13
6th month	14 to 17

THE IMPORTANCE OF MILK INGESTION SPEED

Calves are very important and have many future roles from the basis of your future herd to providing high quality beef. When it all goes right, raising calves can be very rewarding. Often it's not what you feed that's the problem, but how you feed it.

ALLOW A NATURAL SUCKLING FOR THE HEALTH OF THE DIGESTIVE SYSTEM

When a calf suckles from a cow she applies both positive and negative pressure (squeezing and suckling). The squeezing stimulates the cows teat so oxytocin is released. Oxytocin causes cells in the udder to contract and eject milk from the alveolus into the cisterns above the teats. The suckling overcomes the sphincter barrier, allowing the calf to remove milk from the teat. Oxytocin does NOT cause milk to flow from the teat. The teat canal must be physically opened to remove milk.

Calf drinks slowly, up to 4 or 5 minutes per litre of milk and produces a lot of saliva. The saliva that is produced by suckling slowly has natural antimicrobial properties to boost immunity. Saliva balances the pH in the abomasum so the milk can turn into a thick curd. The slow delivery of milk combined with saliva gives rennin and other enzymes time to curd the milk, lipase digests fats, lactose is digested and absorbed into the bloostream.

The natural suckling action of using positive and negative pressure activates the oesophageal groove to close and form a tube so milk bypasses the rumen and enters tha abomasum.

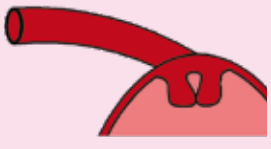
Put simply, calf drinks with her neck long and low, and the cow lets the milk down slowly. With the speed of milk controlled, the rumen is bypassed and enters the abomasum. Curd is created to start the digestion process. Enzymes digest fats and lactose for weight gain. Happy, healthy calves !

Oesophageal groove:

The oesophageal groove is a curved muscle that lies at the base of the oesophagus. It ensures that everything that enters the calf's mouth ends up in the right place.



- When a calf drinks water from a trough or eats meal and grains, the oesophageal groove stays relaxed and these food groups drop straight into the rumen for digestion.



- When a calf suckles, the oesophageal groove closes and forms a small tube to direct the milk past the rumen and into the abomasum for digestion.

To much milk can cause it to overflow allowing milk to drop into the rumen.



The overflow of milk into the rumen (rumen drinking) can strongly penalize the growth performance of calves. The rumen has enzymes to digest grains and forage but these enzymes are not able to digest milk ferments and produces lactic acid. The lactic acid enters the bloodstream and can cause depression, anorexia and sometimes death. In nature, this never happens.

LACTOSE ABSORPTION & NUTRITIONAL SCOURS

While not as serious as viral scouring which can devastate your calving season, nutritional scours still takes time to treat and does have long term consequences. Nutritional scours can be linked to two major causes, poor digestion and stress. Stress can result from a variety of causes. It could be due to irregular feeding, sudden changes in the concentration of milk replacers, or a poor quality milk powder. Environmental stress can also play a part, sudden changes in the weather or cold, damp, draughty or humid calf sheds.

Digestive stress is a key factor. If the pH in the abomasum is not balanced and the acid secretion is reduced then the abylity of the milk to clot is compromised as is the digestion of milk protein. Inadequate cloting allows excess sugar (lactose) to enter the intestines and produce a nutrient source for pathogen such as E.Coli who's numbers multiply rapidly when in contact with raw milk or lactose. This is a leading cause of nutritional scours in young calves.

Aside from cost and added workload, studies have shown that calves who suffer from nutritional scours pre weaning have a reduced average daily gain which can impact conception. Further studies have shown that nutritional scours has a negative impact on first lactation milk production.

Addressing the cause:
Alongside reducing environmental stress, improving digestibility and lactose absorption is key in reducing nutrinional scours. We know from studies that a controlled flow of milk into the calf has a positive effect on digestion by promoting good clotting and improving lactose absorption. Saliva production helps to balance pH to further ease stress on the digestive system. Feeding the calf at a slow, natural speed will maximise saliva production and ultimately reduce work load.

WEIGHT PERFORMANCE

Good ADG hav positive outcomes such as better conception rates and increased first lactation milk production to name just a few. Alongside, controlled milk flow and lactose absorption, nutrition is key.

Improving lactose absorption is key for calves to fully benefit from good nutrition programmes. Lactose is released from the milk curd in the abomasum. It is broken down to glucose and galactose and these are absorbed into the bloodstream to form the major energy sources for young calves.

The use of a rapid absorption feeding system (rapid teats or bucket) reduces the absorption of lactose, the calves then do not benefit fully from their ration.
By controlling the flow of milk, the digestive system can function perfectly for maximum utilization of distributed feed and optimal growth.



REDUCING CROSS SUCKLING

Cross suckling is when calves suckle on each other or their surroundings after feeding. It can be missed when feeders are filled and calves are left to feed, however it is worth taking the time to check for cross suckling as it can cause short term infections and long term damage. If you watch your calves after feeding you will see that the length of time spent cross suckling is directly linked to the speed they drink.

For example: A calf fed 4 L at 'nature speed' should take around 12 - 15 minutes to drink. After drinking she will be quiet and settled. Her suckling urge is satisfied and she is happy.
If she drinks 4 L in 8 minutes or less then she will spend the next 4 - 5 minutes cross suckling to satisfy the natural suckling urge.

What's wrong with that:
Short terms problems like navel infections are a nuisance and take time and cost to treat. We are most interested in the long-term damage because cross suckling removes the keratin plug and leaves the developing teat canal open to infections. Cross suckling is strongly linked to mastitis and blind quarters in first lactation heifers. *(Sources: Schalm, Jensen & Budde)*

How to fix it:
Allowing calves to drink at the 'nature speed' resolves cross suckling almost immediately. It really is that simple! (See text box opposite).





`1 CLICK' connector and regulated flow CALF BUDDY™ teat.

Our scientific sources:

«During the trial, it was observed that group-housed calves fed the faster flow teats had a much greater incidence of hyperactivity immediately post feeding and were more likely to engage in non-nutritive sucking of each other's body parts (including muzzle, navel and udder).

These calves were fed from the faster teat fitted with a valve.



They cross suckled after feeding and there was extensive damage to the developing teats. Most concerning was the removal of the keratin plug which leaves these calves open to infection.



These calves were fed from the controlled Milk Bar™ Teat. They were very happy and contented after feeding. They did not cross suckle and their developing teats and udders remain intact and in perfect condition.»

« Using slow flow rate teats to feed calves from day old to weaning appears to have an important impact on digestive processes in the immature gut. Such improvements in digestion and rumen development in young calves may assist in the digestion of milk and other feeds, leading to improved growth performance. »

Sources: research published in Journal of Applied Animal Nutrition.

REMEMBER

- Controlling milk flow protects the rumen
- Reduced feeding rate reduces nutritional diarrhea problems
- Milk flow control increases ADG
- The slower the calves drink, the less they suckle in them

CALF-BUDDY™ Feeders

NZ PAT APPLN 787055 PCT PATENT APPLICATION PCT/NZ2020/050110 EU DESIGN 001449680-0001 INTERNATIONAL DESIGNS APPLY. INTERNATIONAL PATENTS PENDING OR APPLY.



Follow the rule: 1 calf, 1 teat.

It is important to calf health that milk is delivered at the correct rate to optimize digestive performance and improve health. As the teat ages, the rubber becomes softer and milk flow increases. As weaning approaches, the developed digestive system can handle this slightly increased flow, but for young calves, a faster flow has a negative impact and can lead to cross-sucking issues and nutritional scours.

CALF-BUDDY™ TEATS

PATENTED

Controlled flow rate teat and connector for Ø38 mm hole. No valves or threads, just the ultra-hygienic 1-Click system.



1. Easy and fast "1-CLICK" connection.
2. Lateral wings to visually check the alignment of the teats.
3. Softer yellow teat recommended for learning during the first 2 to 3 days of life maximum or in the event of a weak calf.



The CALF-BUDDY™ teat is easy to install: Simply click the teat and connector together and pull through the Ø38 mm hole in your bucket.

REF.	DESIGNATION	PACKING
D370	CALF-BUDDY™ black teat (alone)	Box of 10
D371	CALF-BUDDY™ black teat + connector	Box of 10
D372	CALF-BUDDY™ learning yellow teat	Box of 10

CALF-BUDDY™ #1

PATENTED

9 litres semi transparent bucket with stainless steel handle.
Comes with 1 CALF-BUDDY™ teat and 1 connector.

Hangs on hutch bucket bracket.

Graded from 1 to 8 litres.

Lid to order separately.



D132

REF.	DESIGNATION
D373	CALF-BUDDY™ #1 feeder
D374	CALF-BUDDY™ #1 lid
D132	CALF-BUDDY™ #1 bracket

TEST THE DIFFERENCE **CALF-BUDDY™**

To see the difference, use the Calf Buddy™ Teat with one calf





What you will see:
She will take longer to drink. That is good/ the longer the better!

The first few feeds, calves may be unsettled while they re-learn to suckle properly. Don't worry, they will soon adapt. Don't worry about milk getting cold, when the digestive system is healthy, milk temperature is not so vital.

You will see a lot of saliva is produced.
Saliva balances the pH in the abomasum for curding, improved digestion and boosted immunity.

You will notice that she puts on more weight.
As more nutrition is absorbed, calves have higher daily gains.

She will be more settled after feeding.
The controlled flow satisfies the suckling instinct to reduce hyperactive, cross sucking behaviour after feeding.

After a few days/ nutritional diarrhoea will be less.
The controlled flow helps prevent raw milk entering the intestines so nutritional diarrhoea is reduced.

CALF-BUDDY™ Feeders

NZ PAT APPLN 787055 PCT PATENT APPLICATION PCT/NZ2020/050110 EU DESIGN 001449680-0001 INTERNATIONAL DESIGNS APPLY. INTERNATIONAL PATENTS PENDING OR APPLY. NZ DESIGN APPLICATION 431163 EUROPEAN REG DES 015015394-0001

CALF-BUDDY™ #2

PATENTED

20 litres feeder with adjustable fixing hooks.
Comes with 2 CALF-BUDDY™ teats and 2 connectors.

Clean lines, easy to clean.



The teats are facing forward, so that the calves are comfortable in their hutches.

An optional lid is available to stop flies and reduce milk heat loss.



Dim.: 42 x 39 x 31,5 cm
16.5 x 15.3 x 12.4”

REF.	DESIGNATION
D375	CALF-BUDDY™ #2 feeder
D376	CALF-BUDDY™ #2 lid

CALF-BUDDY™ #5

PATENTED

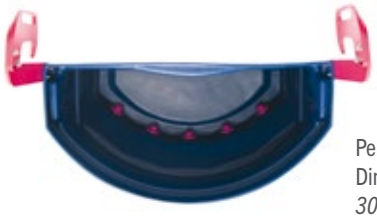
50 litres feeder with adjustable fixing hooks.
Comes with 5 CALF-BUDDY™ teats and 5 connectors.

Clean lines, easy to clean.



The teats are facing forward, so that the calves are comfortable in their hutches.

An optional lid is available to stop flies and reduce milk heat loss.



Perfect for SUPERSTAR hutch.
Dim.: 76,5 x 40 x 37 cm
30.1 x 15.7 x 14.6”

REF.	DESIGNATION
D377	CALF-BUDDY™ #5 feeder
D378	CALF-BUDDY™ #5 lid

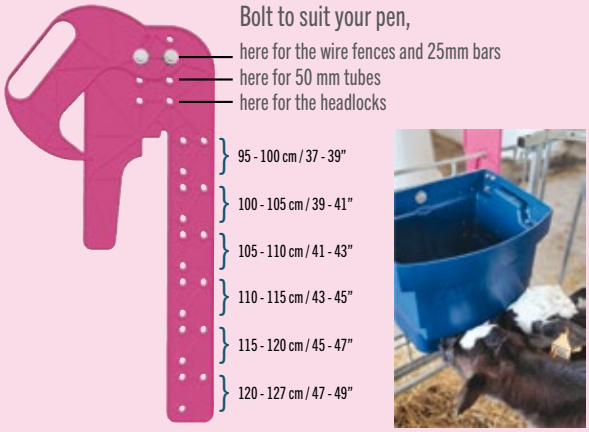


FOR THE **MOUNTING OF CALF-BUDDY™ FEEDERS**
adjustable hooks system

Designed to fit wire pens, 25mm steel bars, 50mm tubes and headlocks, the hook is height adjustable to ensure calves suckle at the perfect height (60-65 cm), no matter what barriers you use.

The twist-lock handle is easy to use and locks the feeders in place.

Adjust the lock handle:





Adjust the height:

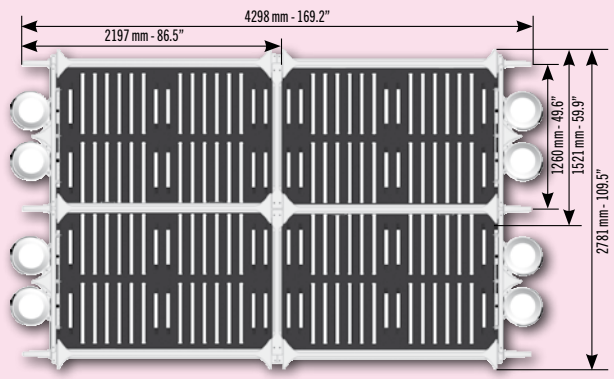


Standing on the calf side of your pen, measure the height of the rail. Bolt the hook to the feeder using the marked holes. The teats will now be about 60 - 65 cm from the floor, perfect!

Modular Individual Calf Box



EXAMPLES OF MOUNTING: **BABY-STAR™**
Adjoining boxes all require one less fence.



PE SLAT-FLOOR

Non-slip and sturdy slat floor in HDPE.

Easily clean and transport (28 kg (61.7 lbs)).





1 **The PE slat floors fit together like a jigsaw.**

Dimensions:
L. 1930 x W. 1260 x H. 200 mm
(L. 76" x W 49.6" x H 7.9")



REF.	DESIGNATION
D253	PE slat floor for BABY-STAR™ or MINISTAR™

BABY-STAR™

Shock-resistant calf pens that are easily assembled side by side or back to back.

Placed under a shelter or inside a building, the Baby-Star™ provides calves of 0 to 8 weeks with sanitary safety and comfort.









1 **Made of double-walled PEHD.**
This rot-resistant material allows easy maintenance and enhances hygiene. The rounded shapes and soft material avoid wounds.

2 **The 2 included adjustable headlocks allow you to immobilize the calf.** One Ø280 mm pail and its support is included with the gate. An another pail, sold separately, can be set.

3 **Quick and easy gate opening/closing system.**

4 **The protruding side walls separate the pens at the feed barrier and limit direct contact between calves.**

5 **The openwork walls** allow easy inspection of the calf and visual contact between calves.

Interior length: 1840 mm (72.4") - Interior width: 1220 mm (48")
Height without PE slat floor: 1150 mm (45.3") - with: 1350 mm (53.1")

The BABY-STAR™ meets all European standards for animal well-being.



D244 D246 D248 D249

REF.	DESIGNATION
D244	BABY-STAR™ rear wall
D246	BABY-STAR™ side wall
D248	BABY-STAR™ front wall + 2 headlocks + 1 pail + 1 holder for pail + 3 connecting pins + 1 quick gate opening/closing system
D249	Set of brackets to mount two BABY-STAR™ elements to the wall

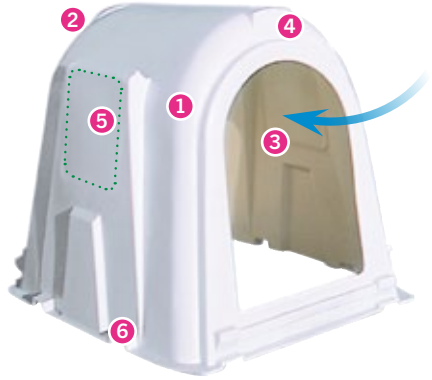
Individual Calf Hutch In Polyethylene For A Calf Up To 4 Weeks Old

MINISTAR™

Starter hutch for calves of up to 4 weeks old providing all the comfort they need.

Outside dimensions: L. 140 x W. 116 x H. 125 cm.
(L. 55 x W. 45.5 x H. 49")

Warranty* 5 years Against all manufacturing defects



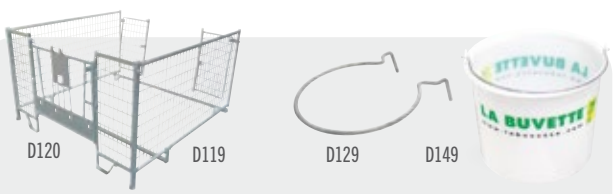






1. **Individual UV resistant calf hutches in white pure high density polyethylene.** Good thermal insulation. Its shock resistance ensures a longer service life. Quick and easy cleaning: the hutches are light and easy to handle. The polyethylene is resistant to high-pressure cleaning.
2. **The ventilation opening at the rear ensures better ventilation and always clean air.**
3. **Large gate allows direct supervision of your calf and entry of fresh air.**
4. **Sticker to record all important information about the calf (identification, rations...)**
5. **This part can be cut out easily to create an opening.** Hatch and feed rack sold separately, see page 87.
6. **Urine draining.**
7. **Using an optional tipping fence helps maintain a dry and hygienic sleeping area** as the excrements are dropped mainly outside in the courtyard (see page 87).

REF.	DESIGNATION
D112	Hutch for 1 calf up to 4 weeks old - In white HD polyethylene - without accessories - Outside dim.: L. 1,40 x W. 1,16 x H. 1,25 m



Ref.

D119	Fence for calf hutch - Int. dim. L. 1522 x W. 1481 x H. 904 mm Without gate (to order separately)
D120	Gate for calf hutch - Dim. W. 750 x H. 650 mm
D129	Holder for pail Ø 280 mm (11")
D149	12 litres (3.2 USG) LA BUVETTE pail, translucent and graded - Ø 280 mm (11")

Pail with nipple, see page 82. Other accessories: **see page 87.**



Why choose the LA BUVETTE® hutches?

Offer your future dairy cows the best opportunities:

- French quality product
- White insulating and shock-resistant HDPE
- Adjustable ventilation for maximum comfort
- 5 years guarantee against all manufacturing defects



★★★★

The calves are sound and full of life!

MR CYRIL GOSSET, DAIRY FARMER
AT RUMIGNY (08-FRANCE).
WATCH THE VIDEO on www.labuvette.com

The calves were housed in concrete individual boxes in an old building and we experienced various health and mortality issues due to the ventilation and evacuations. On the advice of our veterinarian, we now start off our calves in MINISTAR hutches for 2 weeks. We notice many changes! The calves are now sound and full of life when they arrive in the group pen in the building. Provided that each hutch is properly disinfected after each calf, panting and diarrhoea are ancient history.

Warranty* 5 years

* Since January 2013, the LA BUVETTE hutches come with a guarantee of 5 years against all manufacturing defects. They are not guaranteed against damage caused by improper handling, incorrect installation (on not levelled or uneven terrain) or inappropriate use, other than for sheltering young dairy calves. The accessories come with a one year guarantee.

Warranty claims for a hutch shall be sent to your LA BUVETTE dealer accompanied with your purchase invoice and photos of the damaged hutch and in particular of its date stamp (see prebac, p. 52).

Should your claim be accepted, your dealer will give you a voucher for its original cost minus depreciation (-20 % per year).

Individual Calf Hutch In Polyethylene For A Calf Up To 8 Weeks Old





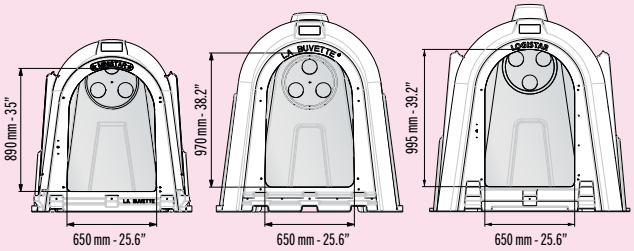
★★★★

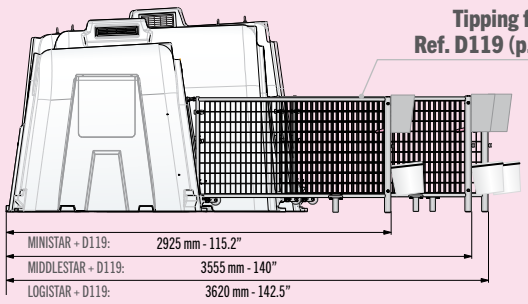
"I am very satisfied with the working conditions"

DAMIEN JONET, BREEDER OF PRIM HOLSTEIN IN CLAVY-WARBY (FRANCE).

The hutches are perfect to get the calves going. I use them from the moment of calving until the calves are 7 days old. The hutches provide a healthy environment, there are no temperature problems and the litter is always dry. During this period, I teach them to drink on their own, and I am very pleased with the working conditions. When the calves are in separate hutches, it is easy to catch them. You can easily notice when there is a problem, in order to intervene immediately. I wouldn't change to another system now, because I have to optimize my working hours.

GATES DIMENSIONS:
MINISTAR - MIDDLESTAR - LOGISTAR





Tipping fence Ref. D119 (p. 87).

MIDDLESTAR

Intermediary hutch for 1 calf up to 2 months old.
Outside dimensions: L. 203 x W. 135 x H. 140 cm.
(L. 80 x W. 53 x H. 55")

Warranty* 5 years Against all manufacturing defects





1. Hoisting eye.
2. Ventilation grilles for better evacuation of ammonia.

REF.	DESIGNATION
D117	Hutch for 1 calf up to 8 weeks old - In white HD polyethylene - without accessories - Outside dim.: L. 2,03 x W. 1,35 x H. 1,40 m

LOGISTAR™

Big calf hutch for 1 calf of 0 to 2 months old.
Perfect ventilation.
Outside dimensions: L. 220 x W. 145 x H. 140 cm.
(L. 86.6 x W. 57 x H. 55")

Warranty* 5 years Against all manufacturing defects







1. Hoisting eyes for easier cleaning
2. Ventilation system complete with adjustable disc in the back and grids on the roof for better evacuation of ammonia.
3. 4 parts can be cut out easily to create openings. Hatch and feed rack sold separately, see page 87.
4. Large variety of optional accessories (see page 87).

REF.	DESIGNATION
D111	Hutch for 1 calf up to 8 weeks old - In white HD polyethylene - without accessories - Outside dim.: L. 2,20 x W. 1,45 x H. 1,40 m

Accessories For Nursery

PE SLAT-FLOOR

Non-slip and sturdy slat floor in HDPE, perfect for BABY-STAR™ or calf hutch MINISTAR™.

Easily clean and transport (28 kg (61.7 lbs)).





1 The PE slat floors fit together like a jigsaw.

Dimensions:
L. 193 x W. 126 x H. 20 cm (L. 76" x W 49.6" x H 7.9")

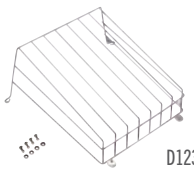
REF.	DESIGNATION
D253	PE slat floor for BABY-STAR™ or MINISTAR™

ACCESSORIES

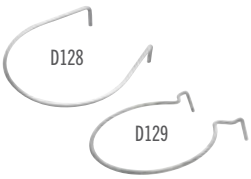
For MINISTAR™, MIDDLESTAR and LOGISTAR™.



D122



D123



D128

D129



D138



D130



D132



D149



D139



CALF-BUDDY™ range
see page 80.

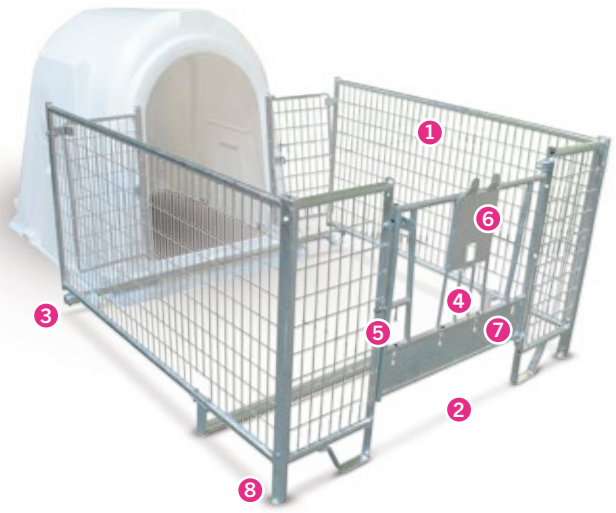
REF.	DESIGNATION
D122	Side hatch (For LOGISTAR, MINISTAR and SUPERSTAR)
D123	Hay rack (For LOGISTAR, MINISTAR and SUPERSTAR)
D128	Holder for pail Ø 340 mm (13")
D129	Holder for pail Ø 280 mm (11")
D130	Mounting plate for pail holder, necessary for Middlestar fence in polyethylene.
D132	Support for pail with nipple
D138	Pail cover in polyethylene
D139	16 litres (4.2 USG) pail - Ø 340 mm (13")
D149	12 litres (3.2 USG) LA BUVETTE pail, translucent and graded - Ø 280 mm (11")

TIPPING FENCE

Galvanised fence and gate compatible with MINISTAR™, MIDDLESTAR and LOGISTAR™ hutches.

The gate and fence are sold separately. It is also possible to only use the gate with the MINISTAR™, MIDDLESTAR and LOGISTAR™ hutches.

Sturdy and durable, large diameter tubes and hot dip galvanised after assembly.









1 2,12 sq. m courtyard. 80x40 mm mesh, Ø 4 mm wire.

2 **No sill bar** to rule out the risk of falling.

3 **Wheels supplied with fence for easy moving when installed.**

4 **Removable gate:** To clean the courtyard, the gate swings on the hutch in one move.

5 **The lock is out of reach of the animal.**

6 **Support for pail with nipple.**

7 **place for two pail holders** (separately delivered).

8 **Anti-wear plate.**







1 The hutch tips inside the fence.

2 The fence tips onto the hutch.

3 Wheels for easy moving.

REF.	DESIGNATION
D119	Fence for calf hutch - Int. dim. L. 1522 x W. 1481 x H. 904 mm Without gate (to order separately)
D120	Gate for calf hutch - Dim. W. 750 x H. 650 mm

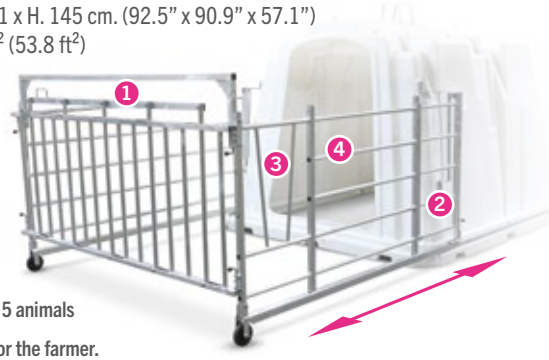
Polyethylene Group Hutch For Calves From 2 to 6 Months



+ SLIDING FENCE

Fence in galvanised steel with feed stanchion for 5 animals for SUPERSTAR hutch. Fence on wheels, rolls in and is locked to the hutch in no time to clean the courtyard and lift the entire structure.

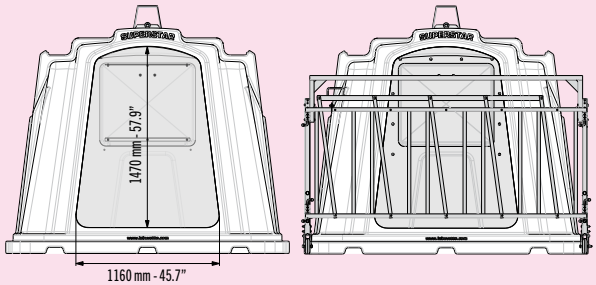
L. 235.5 x W. 231 x H. 145 cm. (92.5" x 90.9" x 57.1")
Surface: 5,40 m² (53.8 ft²)



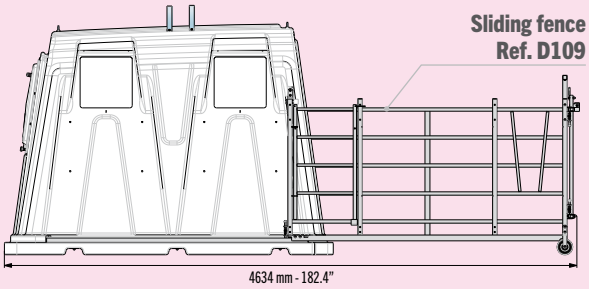
1. Stanchion for 5 animals
2. Access gate for the farmer.
3. Head opening for drinking.
4. Left/right-reversible side panels.

REF.	DESIGNATION
D109	Fence on wheels for SUPERSTAR, with stanchion for 5 animals, 1 access gate for the farmer and 1 head opening for drinking.

GATES DIMENSIONS:
SUPERSTAR



Sliding fence Ref. D109



SUPERSTAR

Group hutch for 5 calves aged from 2 to 6 months.

Made of white HD polyethylene IN ONE PIECE.
Very strong and unbreakable.

Outside dimensions: L 265 x W 231 x H 201 cm.
(104.3" x 90.9" x 79.1")

Warranty* 5 years Against all manufacturing defects









1. 100% pure high-density polyethylene treated against UV rays.
2. Welded, double-walled base for excellent rigidity.
3. Very large, adjustable, back ventilation hatch with straw feeding position.
4. **Large opening** for sufficient air renewal.
5. **Lifted from the front by means of forks** (possible with rolled-in park). 2 hoisting eyes.
6. **4 parts can be cut out easily to create openings.** Hatches and feed rack sold separately, see page 87.

Inside height: **185 cm** (6.1 ft). Hutch surface: **6,10 m²** (64.6 ft²).

REF.	DESIGNATION
D108	SUPERSTAR calf hutch in pure polyethylene with ventilation/hay feed hatch and hoisting eye. Suitable for maximum 5 calves aged from 2 to 6 months.



During the weaning period, it is important that the calves have access to water.

A waterer with constant level of the type LAC 5 or LAC 5A (page 8) can be installed on the head opening in the side fence by means of bracket A361.

An anti-frost drinker on a stand of the type LAKCHO 2 (page 26) can also be mounted between two SUPERSTAR fences.

Synthetic Feed Troughs and Lickstone Holder

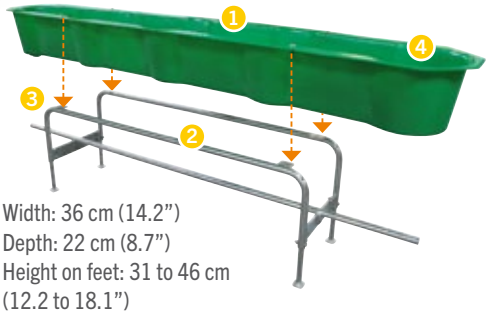
TROUGHS FOR SMALLSTOCK

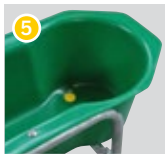
Feed troughs for calves and sheep kept indoor or outdoor.

Suitable to administer solid and liquid feed in pails that fit into specially shaped holders (pails sold separately).

HDPE trough Warranty* 5 years Against all manufacturing defects







Width: 36 cm (14.2")
Depth: 22 cm (8.7")
Height on feet: 31 to 46 cm (12.2 to 18.1")

1. **High density polyethylene trough,** treated against UV rays, with **5-year guarantee** for all manufacturing defects. Acid resistant and easy to maintain.
2. **Galvanised steel frame with adjustable bolted feet and reinforcement under the total length of the trough.**
3. **Running clearance between trough and frame for the thermal expansion.**
4. **Shaped to hold Ø280 mm milk buckets** (ref. D149 sold separately).
5. **Ø30 mm draining without tool. No nooks and crannies.**

REF.	DESIGNATION
D235	Trough 1,73 m long for small animals - 4 places for buckets
D236	Trough 2,78 m long for small animals - 5 places for buckets
D237	Trough 2,63 m long for small animals - 6 places for buckets

25 KG LICKSTONE HOLDER

Stainless steel holder for cylindric or cubic lickstone up to 25 kg (55 lbs).

Just the sturdy and durable holder you were looking for.

W. 256 x D. 265 x H. 200 mm (W. 10 x D. 10.4 x H. 7.9")

8 fixing points of which 4 oblong.





REF.	DESIGNATION
D173	Stainless steel holder for mineral lick up to 25 kg (55 lbs)

HDPE FEED TROUGHS

Feed troughs of food safe HDPE to be installed on the floor.

High quality product made of high density polyethylene for food (HDPE), a non-deforming and light material.

Very sturdy and strong for a long service life, whatever the conditions of use are.





Suitable for high-pressure cleaning.

Holds good on the floor for higher stability.
Flat bottom placed on the floor.

REF.	DESIGNATION
D238	1 m HDPE feed trough - 16.6 L
D239	2 m HDPE feed trough - 36,7 l.

HAYBELL FEEDERS

Hay feeders with or without bottom for round bales Ø160 or Ø185 cm.

Made of HDPE, resistant to rot and UV light.

Perfectly fits around the bale for **optimum protection of the hay and less spilling.**

Lightweight and convenient, this hay feeders can easily be moved by hand.







1. **Seamless HDPE,** UV rays proof, lightweight, sturdy and maintenance-free.
2. **4 openings of 80x34 cm or 120 x35 cm,** protected against run-off by means of gutters.
3. **Bottom edge of 40 cm high to reduce spilling.**
4. **4 anchor points.**
5. **Hoisting eye.**

Dimensions: Ø180 x 150 cm and Ø205 x 188 cm.

REF.	DESIGNATION
D230	Haybell made of HDPE for round bales Ø160 cm (5.¼ ft)
D229	Bottom for haybell
D277	Haybell made of HDPE for round bales Ø185 cm (6.1 ft)

Monobloc POLYCHOC™ Polyethylene Troughs



Warranty* 8 years

5 years

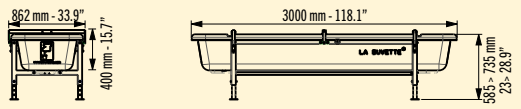
The LA BUVETTE height-adjustable troughs made of resistant and durable seamless high-density polyethylene come with a warranty of 5 or 8 years depending on the model.

- The seamless feed troughs are not guaranteed against damage caused by improper handling, incorrect installation (on not levelled or uneven terrain) or inappropriate use, other than for feeding livestock. A PREMIUM seamless feed trough that is used for watering must be equipped with the D227 fill set (see OUR ADVICE). Damage caused by licking or nibbling is excluded from the guarantee
- The galvanised steel elements come with a standard one year guarantee.

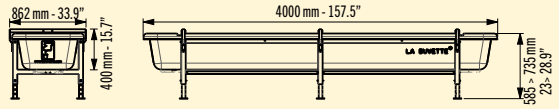
Warranty claims for a tub shall be sent to your LA BUVETTE dealer accompanied with your purchase invoice and photos of the damaged tub and in particular of its date stamp (idem PREBAC, p. 58).

Should your claim be accepted, your dealer will give you a voucher for its original cost minus depreciation (-12,5% per year).

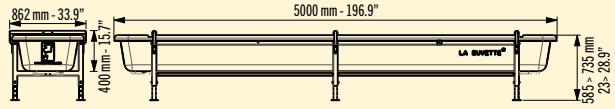
D218:



D219:



D220:



MONOBLOC PREMIUM TROUGHS

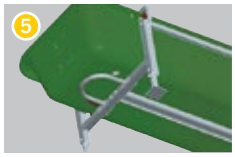
Feed troughs for cattle kept indoor and outdoor.

HDPE trough Warranty* 8 years Against all manufacturing defects

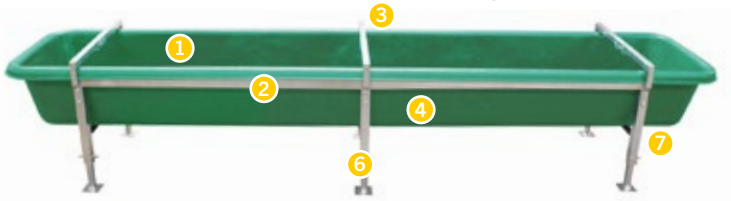
Monobloc tub made of 100 % pure polyethylene resistant to the pH-acid value of the silage.

Our HDPE tubs come with a guarantee of 8 years against all manufacturing defects.

Very good price-quality ratio.







1. **High density polyethylene trough,** treated against UV rays, with **8-year guarantee** for all manufacturing defects. Acid resistant and easy to maintain.
2. **Galvanised frame (50x50 mm tube) with 3 supporting profiles per 1.5 m.** Easily and quickly mounted.
3. **Anti-fall bar with hoisting eyes.**
4. **Running clearance between trough and frame for the thermal expansion.**
5. **Supporting profil under the tub.**
6. **Bolted adjustable feet included.**
7. **Ø30 mm draining without tool. No nooks and crannies.**

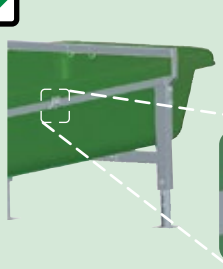
REF.	DESIGNATION
D218	Length 3 m - Capacity 620 litres
D219	Length 4 m - Capacity 845 litres
D220	Length 5 m - Capacity 1070 litres



Ref.

D227 Set for conversion to drinking trough

A601 Float valve unit with stainless steel cover LACABAC 26 l/min at 3 bar - Big mounting brackets. Brass fitting ¾" M.



Our one piece PREMIUM troughs can be filled with water.

It is then imperative to use a set for conversion to drinking trough ref. D227.

Modular POLYCHOC™ Polyethylene Troughs

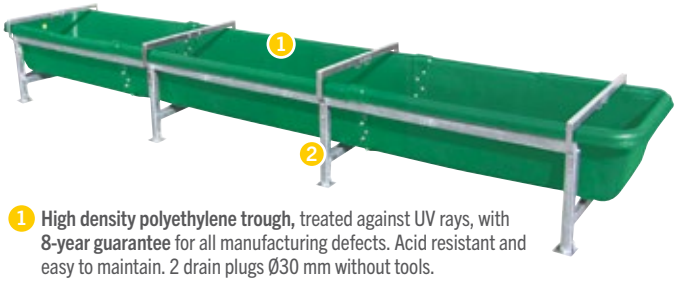
MODULAR TROUGHS

Modular feed troughs for cattle kept indoor or outdoor.

Monobloc tub made of 100 % pure polyethylene resistant to the pH-acid value of the silage.

Our HDPE tubs come with a guarantee of 8 years against all manufacturing defects.

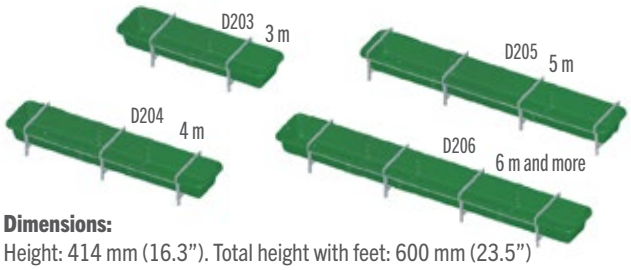
Hot dip galvanised steel structures for bolting troughs of 3, 4, 5, 6, 7, 8 m…



1 **High density polyethylene trough,** treated against UV rays, with **8-year guarantee** for all manufacturing defects. Acid resistant and easy to maintain. 2 drain plugs Ø30 mm without tools.

2 **Hot dip galvanised steel structures:**
- Support frame made of 50x50 mm tubes with anti-fall bar,
- Lower and side profiles (1,50 m long),
- Bolted feet with adjustable height.

Running clearance between trough and frame for the thermal expansion.



Dimensions:
Height: 414 mm (16.3”). Total height with feet: 600 mm (23.5”)
Totale width including anti-fall bar: 880 mm (34.5”)
Capacity: 360 l/m (23.75 USG/ft).

REF.	DESIGNATION
D203	Complete 3 m trough with 2 anti-fall bar and 4 feet
D204	Complete 4 m trough with 3 anti-fall bar and 6 feet
D205	Complete 5 m trough with 4 anti-fall bar and 8 feet
D206	Complete 6 m trough with 4 anti-fall bar and 8 feet

- The LA BUVETTE modular troughs come with a guarantee of 8 years against all manufacturing defects. They are not guaranteed against damage caused by improper handling, incorrect installation (on not levelled or uneven terrain) or inappropriate use, other than for feeding livestock.
- The galvanised steel elements come with a standard one year guarantee.

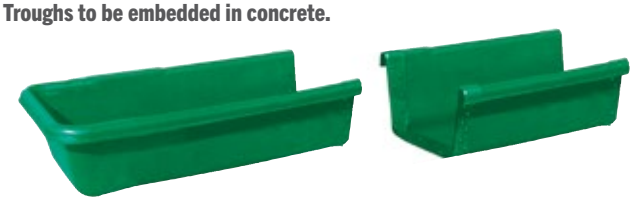
Warranty claims for a tub shall be sent to your LA BUVETTE dealer accompanied with your purchase invoice and photos of the damaged item and in particular of its date stamp (idem PREBAC, p. 58).

Should your claim be accepted, your dealer will give you a voucher for its original cost minus depreciation (-12,5% per year).



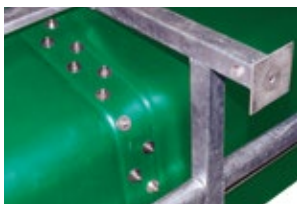
TUBS

HDPE pieces of tub without metal frame:
Troughs to be embedded in concrete.



REF.	DESIGNATION
D210	Male end piece 1,5 m (59”) + bolts for PE + 2 drain plugs
D211	Female end piece 1,50 m (59”)
D212	Extension of 1 m (39.4”)
D213	Extension of 2 m (79”)

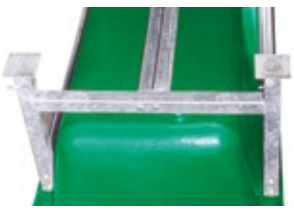
METAL FRAME



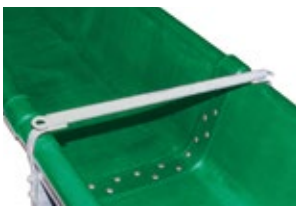
Bolts for PE.



D202



D214



D216

REF.	DESIGNATION
D202	3 Supporting profiles of 1,5 m (59”) + bolts for PE
D214	Transverse support + 2 feet + 1 Anti-fall bar + bolts
D215	3 Supporting profiles of 1 m (39.4”) + bolts for PE
D216	Additional anti-fall bar + bolts (easy mounting on transverse support)

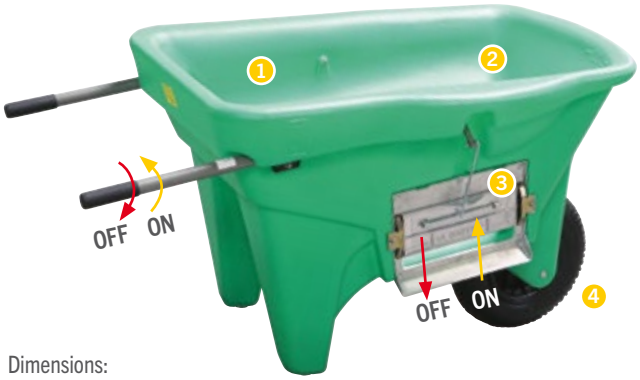
Feed Carts and Feeder Wheelbarrow



FEEDER WHEELBARROW

Wheelbarrow 100 litres for feed distribution with adjustable flow rate.
Suitable for pellets, flour, oil cake...

The simple design of the wheelbarrow makes cleaning and maintenance easy.



Dimensions:
L. 1410 x W. 744 x H. 902 mm. (55.5" x 29.25" x 35.5")



1. **Sturdy double-walled wheelbarrow with tub and frame madeof one piece high density polyethylene.**
2. **Capacity 100 litres (26,5 USG).** The scale is indicated on the tub wall in front of the operator. The slope angle of the tub in forward moving position is never less than 30° ensuring smooth feed discharge (pellets, flour, oil cake...). No remains in the tub after use.
3. **The large opening (300 mm (11.75") wide and 88 mm (3.5")** high in the bottom of the tub is locked by a distribution slide operated with the right handle of the wheelbarrow. The operator can choose between 3 distribution speeds.
   Distribution height: 34 cm (13.25").
   Distance slide/wheel = 28 cm (11").
4. **Wheel on pneumatic tyre Ø 400 mm (15.75") and bearing.**

REF.	DESIGNATION
D185	Wheelbarrow for feed distribution

FEED BARROWS

Ergonomic 140 and 340 litres carts with integrated handles

These carts are most convenient for indoor as well as outdoor use.

These carts pass through 60 cm wide doors (80 cm for the big one) and small steps can be bridged easily. Even in 80 cm wide passageways, they can easily be turned around on their own axle. They pass under a feed chute of 1 m.



1. **Sturdy and durable:** high density polyethylene tub with **seamed double-walled edge** on a metal frame.
2. **Well-balanced and easy to handle: Ø 400 mm wheels with pneumatic tyres and ball bearings** for comfortable handling.
3. **Two caster wheels for smooth handling.**
4. **Heightened version (+15 cm) to reach the bottom of the tub more easily, with pneumatic tyres on pivoting wheels** for more comfort and stability on rough terrain.

   Optional HDPE partition and cover (see accessories).

REF.	DESIGNATION
D181	140 litres barrow - L. 768 x W. 560 x H. 912 mm (L. 30" x W. 22" x H. 36")
D180	140 litres elevated barrow with pivoting wheels on pneumatic tyres L. 768 x W. 560 x H. 1062 mm (L. 30" x W. 22" x H. 42")
D182	340 litres barrow - L. 1200 x W. 750 x H. 912 mm (L. 47" x W. 29.5" x H. 36")



D171



D176 - D178



D177 - D179

Ref.

D171	Feed scoop in plastic. Calibration per 1/2 litre (0,13 USG) Max. capacity: 3 litres (0,79 USG) - L 265 x W 175 mm (L 10.5" x W 7")
D176	HDPE cover for 140 l cart
D177	HDPE partition for 140 l cart with attaching angles
D178	HDPE cover for 340 l cart
D179	HDPE partition for 340 l cart with attaching angles

Dumping Wheelbarrows

330 L. WHEELBARROW

Tipping wheelbarrow of 330 litres designed to reduce fatigue.

When the wheelbarrow is being handled, the axle carries the entire load.

The HDPE tub is easily tipped all the way. Its pure lines guarantee easy filling and cleaning.











1. **High-density polyethylene tub with welded double-walled edge** for sturdiness in all circumstances. Specific shape designed for easy filling.
2. **Sturdy galvanised steel tube frame.** Very resistant and well balanced to reduce the load applied on the arms.
3. **Can be tipped more than 90°** (from the ground) for easy and complete emptying.
4. **Stainless steel wear protection.**
5. **Bolted frame with handles.**
6. **Anti-wear strips.**
7. **Safety lock to avoid accidental tipping.**
8. **Reinforced Ø400 mm pneumatic tyres, rims mounted on ball bearings.**

Dimensions: L. 1746 x W. 830 x H. 857 mm (L. 68" x W. 32" x H. 34")

REF.	DESIGNATION
D186	330 litres (87 USG) dumping wheelbarrow







600 L. WHEELBARROW

Tipping wheelbarrow of 600 litres designed to reduce fatigue.

Larger volume for less trips!

Same specifications as the 330 l model.



Dimensions:
L. 2033 x W. 1010 x H. 1055 mm
(L. 81" x W. 39" x H. 37").

REF.	DESIGNATION
D187	600 litres(158 USG) dumping wheelbarrow

Advantages of our reinforced plastic rims:



- **Very sturdy and durable:** Our synthetic rims are rustproof and can be washed with a high-pressure jet.
- **No puncture caused by wear and tear:** Over time, metal rims can rust. The sharp rust particles appearing between the rim and the tyre can cause punctures.
- The rims match **reinforced tyres of Ø 400 mm** with inner tube and run on ball bearings for maximum handling comfort.

Bale Trolley and 4-Wheeled Cart



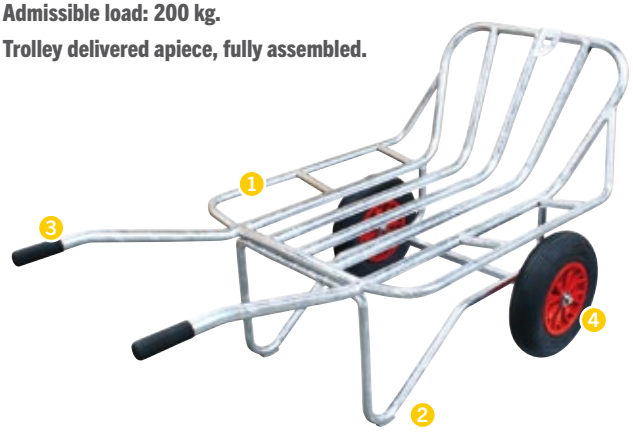
BALE TROLLEY

Perfect to transport voluminous loads.

Sturdy construction for a long service life.
Very functional for daily use.

Admissible load: 200 kg.

Trolley delivered apiece, fully assembled.









1. **Hot dip galvanised steel frame. Large diameter main tubes: (Ø 34 mm).** Very resistant and well balanced to reduce the load applied on the arms.
2. Anti-wear strips.
3. "Grip" handles.
4. Reinforced Ø400 mm pneumatic tyres, rims mounted on ball bearings.

Dimensions:
Overall: L 1,68 x l 0,86 x H 0,86 m (66.14" x 33.86" x 33.86")
Bottom: L 0,82 x l 0,86 m (32.28" x 33.86")
Back: L 0,48 x l 0,86 m (18.90" x 33.86")

REF.	DESIGNATION
D188	Bale trolley delivered fully assembled

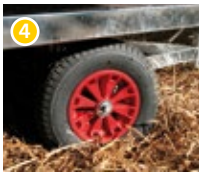
4-WHEELED CART

Sturdy cart with hot-dip galvanised steel frame and non-slip bakelite-covered plywood floor.









1. Designed to support the weight of a high density bale.
2. Sprung drawbar, 1,25 m from the ground.
3. Directional axle without stop.
4. 4 reinforced Ø400 mm pneumatic tyres, rims mounted on ball bearings.
5. Side pieces of thick tube, to be installed at the centre or side by side in horizontal or vertical position (optional).

Dimensions:
- Floor: L. 240 x W. 98 x H. 49,5 cm (94.5" x 38.6" x 19.5")
- Cart: L. 275 x W. 98 x H. 125 cm (108.3" x 38.6" x 49.2").

REF.	DESIGNATION
D183	4-Wheeled Cart, naked (without side piece)

The A793 side pieces can be installed horizontally to increase the length of the platform.

One or two side pieces can be placed at the front or the back.



A794 coupling for compact tractor.



REF.	DESIGNATION
A793	Set of 2 U-shaped side pieces
A794	Drawbar coupling for compact tractor. Max speed: 4 km/h

Stable Tools

BROOMS

Brooms with brush heads in fibre-reinforced PVC and synthetic hairs.

1.50 m beech handle (59”).





Round polyethylene broom with adjustable lock ring.

1.90 m beech handle (74.8”).

1 Adjustable lock ring



About thirty-centimetre large broom made of natural rice straws with a length of 50 cm.

1.42 m beech handle (55.9”).

2 5 stitches.



REF.	DESIGNATION	PACKAGING
A701	Broom with brush head, 32 cm (12.6”)	Per box of 6
A702	Broom with brush head, 55 cm (21.7”)	Per box of 6
A703	Round broom – 1,90 m long (74.8”)	Per box of 6
A712	Rice Straw Broom – 1,42 m long (55.9”)	Per box of 10

GRAIN SHOVEL

Reinforced ABS grain shovel.

1,70 m ash handle (67”). Ideal for shovelling snow.





REF.	DESIGNATION	PACKAGING
A704	Grain shovel – 1,70 m long (67”)	Per box of 6

SCRAPER

Scraper with a 60 cm wear-resistant, slightly curved synthetic blade for scraping feed or slurry.

1.60 m (63”) long beech handle with a D-shaped grip for working without straining your back.

Supplied fully assembled.



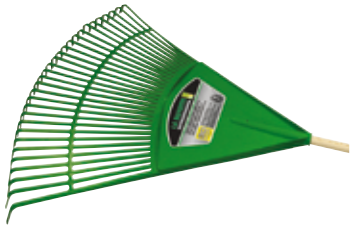
Video

REF.	DESIGNATION	PACKAGING
A717	Scraper 60 cm (24”) - Overall length 1,78 m (5.8 ft)	Per 6

TRIANGULAR RAKE

Extra large 80 cm (31.5”) grass/leaf rake with 30 soft, heavy duty polypropilene tines.

1.30 m beech handle (52”).





REF.	DESIGNATION	PACKAGING
A711	80 cm triangular rake - Length 1.83 m (72”)	Per box of 6

FOR THE MANURE

Synthetic fork for sand, sawdust and wood shavings.

Aluminium handle.

Synthetic manure scoop and rake combination. Taller for more comfort.







REF.	DESIGNATION	PACKAGING
A707	Synthetic fork – 1,45 m long (57”)	Per bag of 5
A709	Combination set of droppings shovel & rake - 0,90 m long (43.3”)	Per bag of 5

Footbaths In Polyethylene

MANURE-FREE FOOTBATH

Sturdy and deep seamless HDPE tray to optimize the prevention and treatment of hoof problems.

The length of 1.60 m is specially adapted to the gait of cattle to assure **optimal dipping of the 4 hooves.**

With a width of only 85 cm, it can be installed in all return aisles. This footbath is suitable **for treatments with liquids and powder.**



D107

1. **Large openings in the middle** for good evacuation of the manure while preventing the legs from crossing over.
2. **Rounded top edge to systematically send the feet back into the tray.**
3. **The separation in the middle forces the cow to put its foot down from the first tray.** The tray also breaks the waves to prevent spilling.
4. **Anti-slip bottom** opening the hooves.



Filling volume:
- 80 litres (21 USG) with a filling height of 13 cm (5.1").
- 100 litres (26.4 USG) with a filling height of 15 cm (5.9").

REF.	DESIGNATION
D107	Manure-free footbath 160 for cattle. Max. capacity: 120 L (31.7 USG)

+ PAIRING SET

Sturdy and effective system to attach a manure-free footbath for cattle to a footbath for cattle, a manure-free footbath or CLEANFOOT in order to rinse the hooves before treatment or to double the number of dippings.

Made of stainless steel.




A207

REF.	DESIGNATION
A207	Pairing set for D107 footbath

Place two manure-free footbaths in a row to wash the hooves with clear water, followed by dipping in product or to obtain two dippings of each hoof in product.



FOOTBATH

Footbath for disinfection of boots.

Antiskid bottom.

Dimensions:
L. 53 x l. 75 x H. 11 cm (21 x 29.5 x 4.3")


D105

REF.	DESIGNATION
D105	Footbath for disinfection of boots.

CLEANFOOT

LA BUVETTE® footbaths in high density polyethylene.

Antiskid bottom. The large ribs on the base open the hooves enough to penetrate them well with the treatment product.

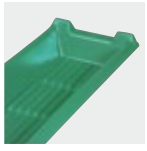

D101


D102



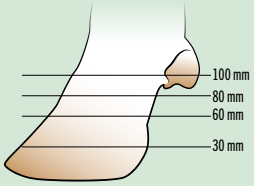
D106

1. **Special for sheep and goats:** Its length prevents animals from jumping across the tray.



REF.	DESIGNATION
D101	For cattle - L. 200 x W. 85 x H. 16 cm (78.7 x 33.5 x 6.3")
D102	For cattle - L. 300 x W. 100 x H. 18 cm (118 x 39.4 x 7")
D106	For sheep and goats - L. 300 x W. 47 x H. 18 cm (118 x 19 x 7")

For optimal treatment, a cow hoof must be dipped in at least 12 cm (even during the last passages). Depending on the product, it is recommended to prepare between 0.80 and 1.00 litre of solution per cow and per passage.



Treatment Through Drinking Water

AQUABLEND

Accurate and reliable dosing pump to complement the drinking water, especially at a low flow rate.

AQUABLEND is **designed for non-aggressive medicinal treatments**, liquid minerals, trace elements, vitamins, …

It is ideal for dosing diluted powders and liquid products in the pigsty, the sheep pen and the poultry house.

Safety: The product dose is always based on the flow rate of the water supply.

No electricity required (fluid driven).



1. Powerful even at a low flow rate.
2. Easy maintenance, no tools needed.
3. The dose is adjusted in a simple and easy manner.

Flow: from **0,01 m³/h** to **2,5 m³/h**
Working pressure: from **0,3** to **6,2 bar**

Fitting ¾" (20x27) MM.

REF.	DESIGNATION
1504	AQUABLEND Dosing pump - doses of 0,2 to 2%

How to adjust your dosing pump

The aim is to dispense the daily treatment dose over a 24-hour period, so that each animal receives its treatment during its daily visits to the drinking trough.

The three key questions to ask yourself:
- What is the daily water intake of all the animals to be treated?
- What is the treatment dose to be administered to each animal?
- Can the treatment product be used undiluted or diluted?

Example: Herd of 50 cows
- Water consumption over 24 hours: 75 L/cow = 3,750 L.
- Treatment dose to be administered over 24 hours: 0.15 L/cow = 7.5 L
- The product is liquid and its physico-chemical properties (viscosity, aggressiveness) are compatible with use either undiluted in the dosing pump or pre-diluted.
- You have an AQUABLEND unit capable of dosing the product at concentrations between 0.2% and 2.0%.

Case 1: Using the product undiluted
Calculating the concentration of product to be dispensed into the drinking trough:

$$\frac{\text{Volume of product}}{\text{(Volume of water - Volume of product)}} \times 100 = \text{Pump setting in \%}$$

For 50 cows: 0.15 ÷ (75 - 0.15) = 0.002 = 0.2%
Set the pump dosage to 0.2% by turning the adjustment knob.

Case 2: Using the diluted product
Your pump is already set to 2% and, as dosing accuracy is highest in the top three-quarters of the adjustment range, you do not wish to change this setting.

Determine the volumes of water and product to be mixed: Set to 2.0%, the pump draws in and then injects 0.02 L (20 ml) of product for every litre of water passing through it. It therefore dispenses 1.02 L of "water + product mixture".

Here, the total quantity of product to be dispensed is 7.5 L and this herd will consume 3750 L of treated water. Therefore, 3750 ÷ 1.02 = 3676.5 L of water will enter the pump. The pump will draw in 2.0% of these 3,676.5 L, i.e.
(3,676.5 × 2) ÷ 100 = 73.5 L of solution.
We will therefore add 73.5 L of water to the 7.5 L of pure product to obtain 81 litres of treatment solution.

MANDATORY:



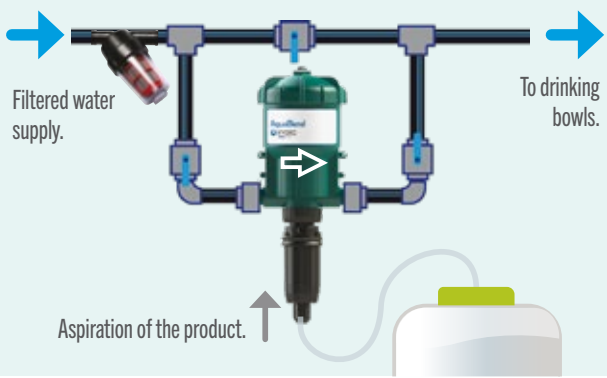
A446



1430203

Ref.

A446	VisiFilter VF6 - 100 micron, 6m3/h - OBLIGATORY ahead of the dosing pump - 1" (26x34) connection
1430203	3/4" FF brass check valve



It is mandatory to mount a filter of maximum 100 microns (ref. A446) at the beginning of your installation as well as a 3/4" check valve (ref. 1430203).

Advice from LA BUVETTE® on Watering Solutions For Sheep And Goats

Whatever type of production, the watering system plays a prominent role both for the performance and the stability of the herd. It is important to choose the right type of drinker since sheep and goats have a sensitive muzzle. A drinker with constant water level offers the most natural way of drinking, but has to be cleaned more frequently. A model with push tube such as BABYLAB™ is easy to clean and very easy to operate even for very young animals and often better suited. You should also consider the location of the drinking points in relation to the building and the herd. Lukewarm water is better for goats and dairy ewes. Ask LA BUVETTE for advice.

Install enough water points to avoid aggression, pushing and queues.

Adapt the height to the size of the animals and ensure the best positioning of the water points.



EWES:

- Lactating ewes: 1 water point for 10 animals
- Dry or nursing: 1 water point for 15 animals
- Height of the drinker: 50 cm + step for adults ; 40 cm for lambs.



GOATS:

- Lactating goats: 1 water point for 10 animals
- Dry goats: 1 water point for 15 animals
- Height of the drinker: 60 cm + step for adults ; 40 cm for young animals.

Deep litter: A drinker that is always at the right height

With the A308 wall bracket, you can set the drinker at a height of up to 50 cm. Handy adjustment without tools.

DRINKING BEHAVIOUR OF NURSING GOATS AND EWES INDOORS

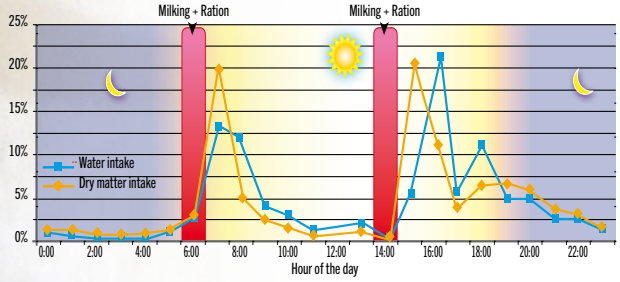
- Drinking frequency/day: 5 to 20
- Volume per drinking time: 0,4 to 0,7 l
- Time spent drinking/day: 1 to 2 minutes
- Single drinking time: approximately 15 to 20 seconds
- Intake speed: 1,5 to 3,5 l/minute

Factors affecting the drinking behaviour

- **The hierarchy** within the heard since dominant animals take possession of the water points.
- **Insufficient number of drinkers** reduces the drinking time and frequency, and causes queueing phenomena at the drinker. Which has of course a negative impact on the performance.

PERCENTAGE OF WATER AND FOOD INTAKE PER HOUR

Source: adapted from Giger-Reverdin et al. (2011).



The water intake happens primarily during the day: more than 80 % of the volume is taken in between 7 a.m. and 7 p.m.

The night activity is very low: less than 1 % of the daily volume is taken in between 2 a.m. and 4 a.m.

Peaks occur during the distribution of the ration and at the exit of the milking parlour.

AVERAGE DAILY WATER CONSUMPTION

NURSING EWES ON PASTURE	
Ewe with lamb	Summer: 3,5 to 9 l/d
Dry ewe	Spring: 0,1 to 1,5 l/d ; Summer: 1,5 to 5 l/d

Variables determining the water consumption on pasture

- Temperature
- Rainfall (low water consumption during rainy days)
- Dry matter content of green fodder
- Live weight of the animal

LACTATING EWES AND GOATS	
Lactating ewe	5 to 10 l/d
Dry ewe	2 to 5 l/d
Lactating goat	4 to 8 l/d
Dry goat	2 to 3 l/d

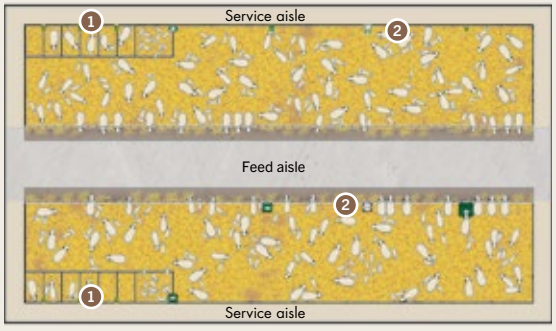
Variables determining the water consumption indoors

- Dry matter intake:
  Ewes = 1,8 to 2,5 l of water per kg of DMI
  Goats = 1,7 to 2,6 l of water per kg of DMI
- Milk Production:
  Ewes = 3,5 to 4,5 l of water per kg of milk
  Goats = 1,3 to 2,2 l of water per kg of milk
- Dry-matter content of the ration
- Climatic conditions (temperature and relative humidity)
- Live weight of the animal
- Stage of gestation (intake increases towards the end of the gestation)
- Number of foetus (intake increases with the number of foetus)
- Intake of NaCl.

HOW TO DETERMINE THE BEST LOCATION FOR INDOOR DRINKERS?

The location of the water points depends on the surface area of the building, its lay-out, the type and size of the herd. The diagrams below present some examples. Please contact LA BUVETTE® for personal advice.

SHEEP BARN – 150 PLACES FOR NURSING EWES



1 **Drinker between two lambing pens or lamb parks:**
BABYLAB drinkers with push tube or LAC5 or LAC55 single or double drinking bowls with constant water level.

2 **Drinkers visible from the feed alley or the service alley.**
In a 5 m wide straw area, you should install the drinkers at a distance of approximately 5 m.
Choose a drinker that is suitable for the risk of freezing:

- Without frost protection: BABYLAB, BABYLAC, LAC 5, NORMANDY
- Frost protection by circulation: BABYLAB T (+ pompe SPEED-FLOW)
- Drinkers with heating system: NORMANDY, LAKCHO 2
- Isothermal drinkers (without electricity): THERMOLAC B

Details on the next pages.

GOAT BARN - 150 PLACES



Drinkers with the back side to the feed alley.
In general, install the drinkers with the back to the feed alley to keep them clean for a longer time.
Space them sufficiently far apart to minimise the impact of dominant animals.
Caution: only use metal drinkers (cast iron, galvanised steel, stainless steel).

1 **Drinker at the exit of the milking parlour: OVICAP or OVITUBE**
Give preference to a large drinking trough with a decent flow rate to allow a large number of goats to drink at the same time. Water that is too cold in the winter will lower the milk production. Therefore, it is recommended to use a water heating set for OVICAP.

2 **Single access: BABYLAB ; or heated drinker: BIGCHO 2**
The cast iron BABYLAB drinkers with push tube are ideal for goats.
It is also recommended to use a heating system::

- Drinkers in a circulation system: BABYLAB T (+ SPEED-FLOW pump + THERMOFLOW heater)
- Drinkers equipped with a heating system of 80W: BIGCHO 2

Details on the next pages.

Classical Drinking Bowls

BABYLAC™

Small cast-iron bowl with constant level, ideal for 10 to 15 goats or sheep from a very early age on.



5 l/mn. at 3 bar

L. 26 x W. 25 x H. 17 cm (10.2" x 9.8" x 6.7")
Capacity: 2,5 litres.

NEW: ¾" or ½" M water supply from right or left.
More information **page 11**.

REF.	DESIGNATION
2015	Cast iron with Polycoat drinking bowl with float valve

LAC 5(A)/ 55

Single or double cast iron drinking bowl with constant water level.



6,5 l/mn. at 3 bar

1. Drain plug without tool
2. Float valve protected by a stainless steel cover

Capacity: 5 and 8 litres.
Connection on horizontal ¾" tube.
Can be connected on vertical ½" tube from bottom with accessories (see page 110).



REF.	DESIGNATION
1627	Cast iron bowl with Polycoat. Constant water level.
1615	Same as 1627 with non-spill edge
1628	Cast iron double bowl with Polycoat. Constant water level.

LAC 10 (SYNTHETIC BOWL)

Synthetic drinking bowl with float valve. Not suitable for goats.
Large Capacity: 5.5 litres. Adjustable water level.
4 oblong fixing points. Connection ½" (15x21) from bottom.

8 l/mn. at 3 bar



1. Stainless steel valve cover.
2. Synthetic material, strong and rigid.
3. Drain plug without tool.

REF.	DESIGNATION	PACKAGING
3259	Synthetic bowl with constant water level	6 per carton
3279	Same as 3259	Carton apiece

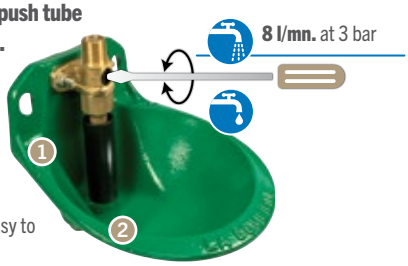
BABYLAB™

Educational cast iron bowl designed for the «little snouts».

A small amount of remaining water below the valve stimulates the animals to push the tube.

A pressure of 300 g on the push tube is enough to open the valve.

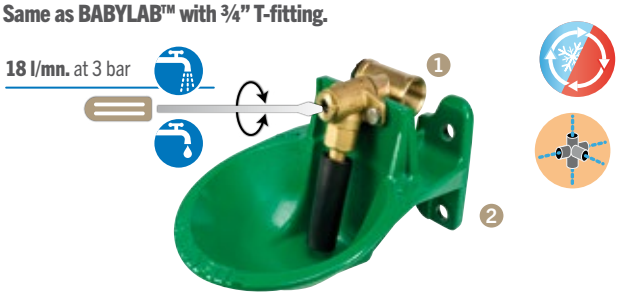
Connection ½" (15x21) above.



1. Smooth tube valve, very easy to push.
2. Small water reserve for educational purposes

REF.	DESIGNATION	PACKAGING
2014	Cast iron with Polycoat - Brass ½" valve	2 per carton

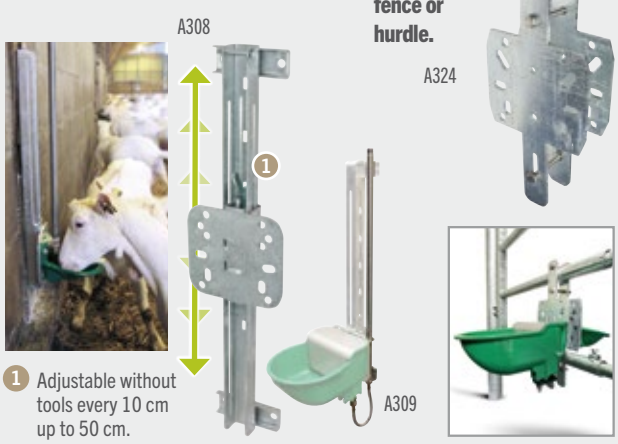
Same as BABYLAB™ with ¾" T-fitting.



1. Connection to loop possible with T ¾" (20 x 27 mm)
2. 4 fixing points

REF.	DESIGNATION	PACKAGING
2019	Cast iron with Polycoat - Brass ¾" valve with T	Plastic bag

Adjustable bracket :



1. Adjustable without tools every 10 cm up to 50 cm.

Mounting on a fence or hurdle.

Ref.

A308	Mounting rail to adjust drinking bowl height (see page 111)
A309	Complete connection set for LAC5/55 or BABYLAC mounted on A308
A324	Mounting bracket for drinker(s) on fence (see page 111)

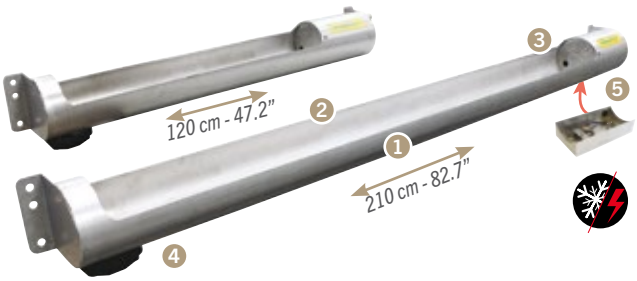
Large Stainless-Steel Drinking Troughs

OVITUBE

Large stainless-steel drinking trough with float valve.
120 cm long: Ideal for **25 to 35 sheep/goats.** *(47.2")*
210 cm long: Ideal for **35 to 65 sheep/goats.** *(82.7")*



5,1 l/mn. at 3 bar









1. **Compact stainless-steel trough** with rounded shape, without protruding edges. Non-spill inside edge.
2. **Large water access:** 82 x 13,5 cm / 170 x 13,5 cm (OVITUBE 120 / 210) **Adjustable reserve** from **6 to 12 L** (OVITUBE 120), **11 to 22 L** (OVITUBE 210).
3. Float valve protected by stainless-steel cover. Easily adjustable water level. Water inlet ½" (15x21 mm) male from the right.
4. **Large "Vide-Vite" drain**, 95 x 50 mm, left side.
5. Optional **heating element 80W/24V** ref. A413 (See Accessories).

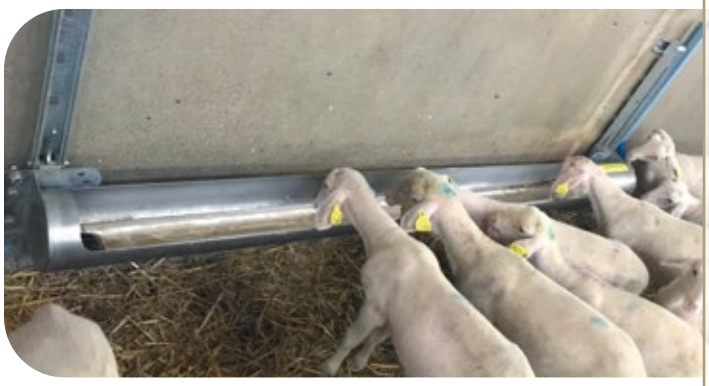
Fastening by means of minimum **4 fixing points.** 6 anchor points.
Mounting on wall, fence or height-adjustable mounting bracket, ref. A308 (see accessories).

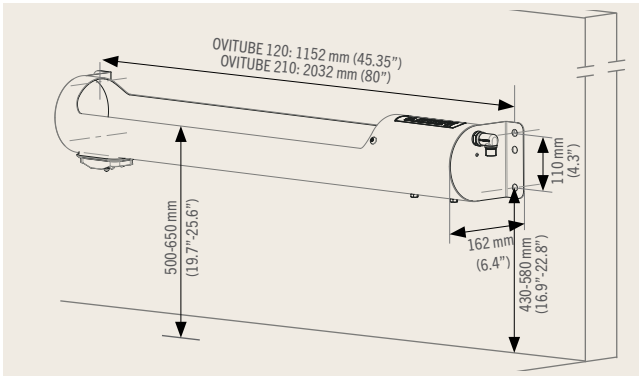
REF.	DESIGNATION
2417	OVITUBE 120 Stainless steel drinker 9 L
2418	OVITUBE 210 Stainless steel drinker 16 L

During the installation of an OVITUBE, take into account a slight slope by fixing the waterer at the side of the drain 1 cm lower than at the valve side. This allows for the waterer to be emptied even more quickly and cleaned more easily.



Set the water level at some 20 mm below the edge. This results in a water reserve of 9 litres with an OVITUBE 120 and 16 litres with an OVITUBE 210.





VIDEO: YouTube: @LA BUVETTE





Ref.

- **A305** Mounting bracket for a height-adjustable drinking trough (see p. 115 for details).
- **A309** Complete connection set for OVITUBE mounted on A305
- **A317** Mounting brackets for fence (tube Ø50-75 mm)
- **A324** Back-to-back mounting bracket (on fence) (2 A324 needed for 1 up 2 OVITUBE)
- **A413** Frost-free set 80W/24V
- **C162** Heating cable 24 V / 30 W - Length: 1,50 m (4,9 ft), to protect water supply
- **A504** Transformator 230V/24V 100VA



ENHANCE THE MILK PRODUCTION WITH LUKEWARM WATER

Drinking water kept at a temperature of 16–18°C promotes milk production. Several studies* have shown increases in water and feed intake, as well as in milk production. Lukewarm water helps to minimise drops in milk production, particularly in winter.

MULTIPLE ACCESS DRINKERS: OVICAP AND HEATING ELEMENTS



1 to 2 elements of 24V/180W

Adjustable thermostat with immersed probe

In cold conditions, usually a decrease in water consumption is observed with cattle when the temperature of their drinking water drops below 10 °C.

Our powerful low-voltage elements of the heating sets for OVICAP drinking troughs allow you to offer a water volume of 27 to 54 litres of lukewarm water depending on the model.

The built-in thermostat secures their functioning. It is equipped with an immersed probe into the trough. The set is only in heating mode when the target temperature is not reached. This is set by the user. We recommend a setting at 15°C.

*Sources: Pfundheller (2000), Wilks (1990), Anderson (1984), CIAL des Ardennes (1979/80), Himmei (1964), Kellner (1916)

SINGLE ACCESS DRINKER: LAKCHO 2 «WARM WATER»



1 element of 24V/180W

Wide and comfortable, the LAKCHO2 “warm water” drinker with constant level is ideal between two groups of ewes. It can easily be installed on a polyethylene or concrete stand.

Its powerful heating element is also controlled by an adjustable thermostat with immersed probe. Its bowl of double-walled HDPE (not recommended for goats) keeps the water lukewarm for longer than a metal bowl. This way, the offered reserve of 5,5 litres is always very close to the target temperature.

Here, we also recommend a setting at 15°C.

Our low-voltage (24V) heating elements require a transformer, sold separately (see p. 100).

Large Stainless-Steel Or Galvanised Drinking Troughs

Video

OVICAP INOX 120/240

Large stainless-steel drinking trough with float valve.

120 cm long: Ideal for **25 to 40 sheep/goats.** *(47.2")*
240 cm long: Ideal for **50 to 80 sheep/goats.** *(94.5")*

NEW

32 l/mn. at 3 bar





1. **Very large water access:** 88,5x 14,5 cm / 208,5 x 14,5 cm (OVICAP 120 / 240) **Adjustable reserve** from **17 to 27 L** (OVICAP 120), **34 to 54 L** (OVICAP 240).
2. **New clip-on stainless steel cover** for quick, tool-free removal and refitting.
3. **High flow rate float valve can be reversed** from right to left.
4. **1¼-"-drain outlet with a two-position screw cap (outward/inward).**
5. **Internal non-spill edge.**
6. **New side mounting brackets compatible with the new A305 height adjustment kit.**

ANTI-STRAW covers and "WARM WATER" kits available in option.

REF.	DESIGNATION
2421	OVICAP INOX 120 cm stainless steel drinker 21 L.
2422	OVICAP INOX 240 cm stainless steel drinker 42 L..

Height-adjustable mounting bracket for OVICAP INOX:

NEW

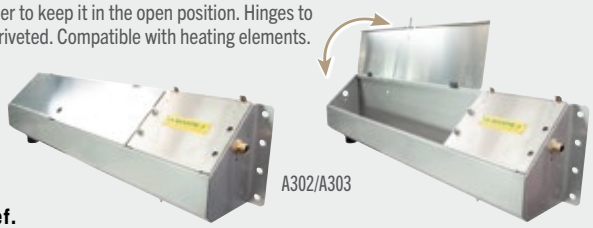
Rack-and-pinion system with 5 positions at 10 cm intervals. Quick adjustment without tools.

A305



ANTI-STRAW covers for OVICAP

Supplied with a lock to be fixed to the wall in order to keep it in the open position. Hinges to be riveted. Compatible with heating elements.



A302/A303

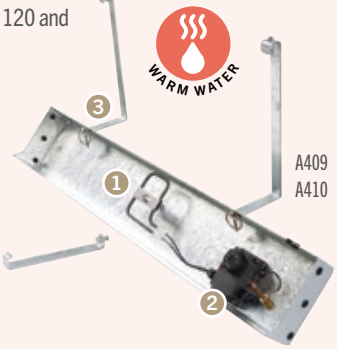
Ref.

A305	Mounting bracket for a height-adjustable drinking trough (see p. 115 for details).
A309	Complete connection set for OVICAP INOX mounted on A305
A302	ANTI-STRAW covers for OVICAP INOX 120 and OVICAP 120
A303	ANTI-STRAW covers for OVICAP INOX 240 et OVICAP 240

HEATING SET

Self-regulating heating elements to distribute warm water (15 °C) on the OVICAP 120 and OVICAP 240 drinking troughs.





1. 180 W or 360 W heating at 24 V.
2. Built-in adjustable thermostat
3. Galvanised steel cover with drawer system for easy access to the thermostat.

Transformer 230/24 V is required delivered separately (see p. 104).

Ref.

A409	Water heating set 180W/24V for OVICAP 120
A410	Water heating set 360W/24V for OVICAP 240



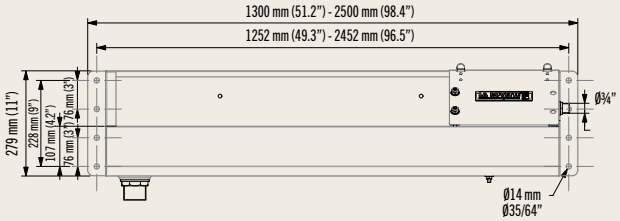
C162



A502/A503

Ref.

C162	Heating cable 24 V / 30 W - Length: 1,50 m (4,9 ft), to protect water supply
A502	Transformator 230V/24V 400VA
A503	Transformator 230V/24V 200VA

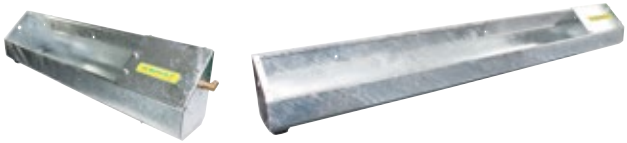


Only stainless-steel watering systems resist durably to acidic or (with peroxide, CO2, etc.) treated water. Therefore, prefer the INOX versions of the OVICAP or OVITUBE (p. 99) over the "standard" galvanised OVICAP drinking troughs.

OVICAP 120 / 240

Standard versions in galvanised steel.

Wall-mounted, secured by 3 points. Not compatible with A305.



REF.	DESIGNATION
2419	OVICAP 120 cm drinker made of galvanised steel ; 21 L.
2420	OVICAP 240 cm drinker made of galvanised steel ; 42 L.

Frost-free Waterers And Frost Protection Systems



NORMANDY

Compact HDPE drinker with constant level.
Top or bottom connection to the water supply line: Connection made easy by means of pre-installed ¾" (20x27) stainless steel braided hose. Large bowl, quick and easy to clean.


A396



1. Stainless steel valve cover and anti-nibbling edge.
2. Large access door for water connection and installation of anti-freeze power set.
3. Draining without tools.

Transformer 230/24 V required, delivered separately.

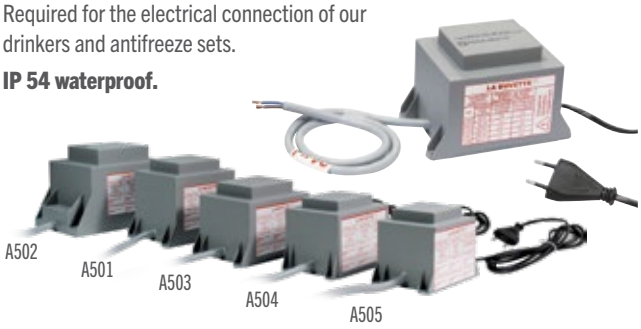
REF.	DESIGNATION	PACKAGING
1717	NORMANDY with float valve	Carton apiece
A396	Anti-freeze power set of 80 W/24 V to protect the bowl and valve.	

TRANSFORMERS

Transformers (230/24 V) shell-type. European norm EN 60.742.

Required for the electrical connection of our drinkers and antifreeze sets.

IP 54 waterproof.



REF.	DESIGNATION
A505	Transformer 50 VA for 1 LAKCHO 50 W or of equal value
A504	Transformer 100 VA for 2 LAKCHO 50 W or 1 ISOBAC 100 W or of equal to100 W
A503	Transformer 200 VA for 4 LAKCHO 50 W or 2 ISOBAC 100 W or of equal to 200 W
A501	Transformer 300 VA for 6 LAKCHO 50 W or 3 ISOBAC 100 W or of equal to 300 W
A502	Transformer 400 VA for 8 LAKCHO 50 W or 4 ISOBAC 100 W or of equal to 400 W

LAKCHO 2
WARM WATER

Large polyethylene bowl with constant water level. It supplies tepid water (auto-regulate temperature). Heating element 24 V-180 W, internal thermostat. Ideal for 15 dairy ewes.

10 l/mn. at 3 bar

WARM WATER

Internal thermostat. Water at +10°C to +15°C.



Transformer 230/24 V required, delivered separately.

REF.	DESIGNATION
1642	Bowl with constant water level and heating element 24 V - 180 W with internal thermostat (to supply lukewarm water)

BIGCHO 2
24V/50W or 80W

Anti-spillage frost-proof waterer to mount on a 400 mm (15.75") high stand.

Large stainless steel bowl with constant water level and drain plug.
Non-spill metal edge.

24 V - 50 or 80 W heating element.

More information on page 27.



Transformer 230/24 V required, delivered separately.

REF.	DESIGNATION
1639	Stainless steel non-spill bowl, constant water level, with heating element 24 V - 50 W
1839	Same as 1639 with heating element 24 V - 80 W (northern countries)

HDPE-STAND

Foam-insulated PE Stands with a hole for drain hose. (Plug included).

H 400 mm or 250 mm.
(15.7" or 9.8").

NEW



REF.	DESIGNATION
A570	Height 400 mmto be fixed to the floor
A570	Height 400 mmto be fixed to the floor

The lukewarm water (15 °C) that is very much appreciated by goats and ewes during cold periods, limits the decrease of milk production in winter.

Frost-free Waterers And Frost Protection Systems

SPEED-FLOW

High-power pump (230 V/550 W)
for circulation system with high flow rate.
More information on page 20.





REF.	DESIGNATION	PACKAGING
1669	Frost-free powerful pump with high flow rate - 230 V / 370 W	Carton apiece

THERMOFLOW

Stand-alone heater of 1500 W for water pipes in a loop system. Compatible with all types of circulation pumps.
Activated by the water temperature.
More information on page 21.



REF.	DESIGNATION	PACKAGING
A301	Additional programmable 1500 W heater 230 V singlephase - Connection 1"½	Carton apiece

HEATING CABLE FOR WATER SUPPLY 24V/22W

Heating wire of 24 V / 30 W with a length of 1.5 m, sectionable, especially designed for drinking bowl water supply.

NEW

Variable capacity:
20W/m at 0°C without insulation.



1. Aluminium tape included: mandatory on plastic pipes.
2. Watertight connection box.
3. Insulating cap included.

Connected in a loop to a transformer 230/24 V (not included, see p. 100).

REF.	DESIGNATION
C162	Heating cable 24 V / 22 W - Length: 3 m, to protect water supply



THERMOLAC™ 40B & 75B

Frost-free waterer without electricity, with removable metal dish.
Clean water everyday
even down to -15 °C (5°F).

New hinged cover.
New internal drain/overflow that can be channelled.
More information on page 50.

NEW



Warranty 5 years



1. Insulated double walled HDPE trough.
2. The dish is removed with ¼ turn.
3. 2 to 3 drain holes (Ø100 mm), one of which is vertical.

REF.	DESIGNATION
1677	Frost-free non-electric 40 L waterer with 1 dish, float valve for standard pressure
1676	Frost-free non-electric 75 L waterer with 2 dishes, float valve for standard pressure

HEATING WIRE & CABLES







To keep water pipes frost-free.
More information on pages 22-23.

REF.	DESIGNATION	PACKAGING
C144	Heating cable 230 V - Length 14 m	Blister
C146	Heating cable 230 V - Length 24 m	Blister
C147	Heating cable 230 V - Length 36 m	Blister
C148	Heating cable 230 V - Length 48 m	Blister

Large Polyethylene Drinking Troughs

PREBAC 400L

Oval pasture trough made of HDPE Polychoc™ for watering sheep outdoors.

Suitable for watering up to 150 sheep.

Warranty* 10 years Against all manufacturing defects



32 l/mn. at 3 bar

Valve sold separately (Ref. A603 or A617), see page 52.

REF.	DESIGNATION
2269	Polychoc 400 l. trough - L. 147 x l. 105 x H. 40 cm (L. 57.9" x W. 41.3" x H. 15.7")

PREBAC 200R

Rectangular floor-mounted troughs made of HDPE Polychoc™ for watering sheep both outdoors and indoors.

Suitable for 60 to 100 sheep.

Warranty* 10 years Against all manufacturing defects

32 l/mn. at 3 bar



Valve sold separately (Ref. A603 or A617), see page 52.

REF.	DESIGNATION
2231	Polychoc BS 200 l. R trough - L. 160 x W. 46 x H. 44 cm - L. 63" x W. 18.1" x H. 17.3"

PREBAC 70

Double drinker with constant water level of 70 litres, made of HDPE Polychoc™ for watering 40 to 50 sheep outdoors and indoors

Warranty* 10 years Against all manufacturing defects

32 l/mn. at 3 bar



1. Float-valve with high flow rate or low pressure included.
2. Large rectangular quick discharge "VIDE-VITE".
3. 2 anchor points for floor mouting or on concrete base.

REF.	DESIGNATION
2219	Polychoc 70 l. trough - Standard pressure - Connection ¾"
2217	Same as 2219 but for low pressure (<1bar-14.5psi)(blue) for supply by gravity

DYNABAC

NEW

Food-grade HDPE constant-level water trough designed for watering in dynamic rotational grazing systems.

32 l/mn. at 3 bar



Sturdy, easy to empty and transport.

Float and ¾" brass quick-connect coupling supplied.

See full description on page 61.

REF.	DESIGNATION
2232	DYNABAC - 150 litres - L. 900 x l. 750 x h. 365 mm (35.4" x 29.5" x14.2")

PREBAC 90

Special type for sheep, capacity 90 litres.
Low water level. Antiskid bottom.

Warranty* 10 years Against all manufacturing defects



8 l/mn. at 3 bar

Included float-valve with cover.
Suitable for 50 sheep.
For floor mounting: 4 anchor points.

REF.	DESIGNATION
2253	Polychoc 90 l. trough - L. 160 x W. 48 x H. 46 cm - Float-valve included - Connection ½" (15x21)

BIGLAC 55/90

Double access deep waterer in HDPE with float valve, 55 and 90 litres.
High flow rate. **Suitable for 40 and 60 sheep.**

32 l/mn. at 3 bar



Galvanised frame for wall or fence mounting.
Connection ¾" (20x27 mm) from top or bottom.

More information on page 10.

REF.	DESIGNATION
1652	Double 55 litres waterer on polyethylene for standard pressure
1655	Double 90 litres waterer on polyethylene for standard pressure

Breeding Equipment

HDPE FEED TROUGHS

Troughs for sheep, floor mounted.

High quality product made of high density polyethylene, very sturdy and strong for a long service life, whatever the conditions of use are.



REF.	DESIGNATION
D238	1 m HDPE feed trough - 16.6 L
D239	2 m HDPE feed trough - 36,7 l.

TROUGHS ON FEET

Troughs for sheep with adjustable feet.

HDPE tub with 5-years guarantee?
Galvanised steel frame.

More information on page 89.



1. Adjustable feet. Height of the trough: 307 to 457 mm
2. Running clearance between trough and frame for the thermal expansion.
3. Ø30 mm draining without tool. No nooks and crannies.

REF.	DESIGNATION
D235	Trough for small animals - Length 1,73 m
D236	Trough for small animals - Length 2,18 m
D237	Trough for small animals - Length 2,63 m

LICKSTONE HOLDER

Plastic version: L 240 x W 215 x H 210 mm
(L 9.5" x W 8.5" x H 8.25")

Stainless-steel version (for 25 kg stone):
L 265 x W 256 x H 200 mm
(L 10.4" x W 10" x H 7.9")



REF.	DESIGNATION
D170	Lickstone holder in plastic
D173	Stainless steel holder for mineral lick up to 25 kg (55 lbs)

CLEANFOOT

Footbath for sheep and goats.

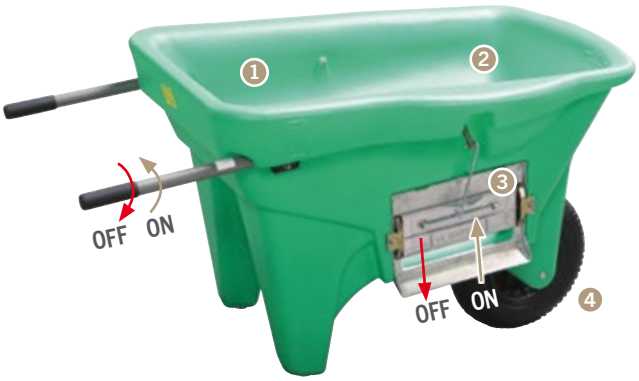


REF.	DESIGNATION
D106	For sheep and goats - L. 300 x W. 47 x H. 18 cm (118 x 19 x 7")



FEEDER WHEELBARROW

Wheelbarrow 100 litres for feed distribution with adjustable flow rate.
Suitable for pellets, flour, oil cake...





1. **Sturdy double-walled wheelbarrow with tub and frame madeof one piece high density polyethylene.**
2. **Capacity 100 litres (26,5 USG).** Scale indicated on the tub in front of the operator.
3. **The large opening (300 mm (11.75") wide and 88 mm (3.5")** high in the bottom of the tub is locked by a distribution slide operated with the right handle of the wheelbarrow. Distribution height: 34 cm (13.25"). Distance slide/wheel = 28 cm (11").
4. **Wheel on pneumatic tyre Ø 400 mm (15.75") and bearing.**

REF.	DESIGNATION
D185	Wheelbarrow for feed distribution

MEMBRANE VALVE

Valve to maintain a low constant water level in a bowl or group trough.

More information on page 103.

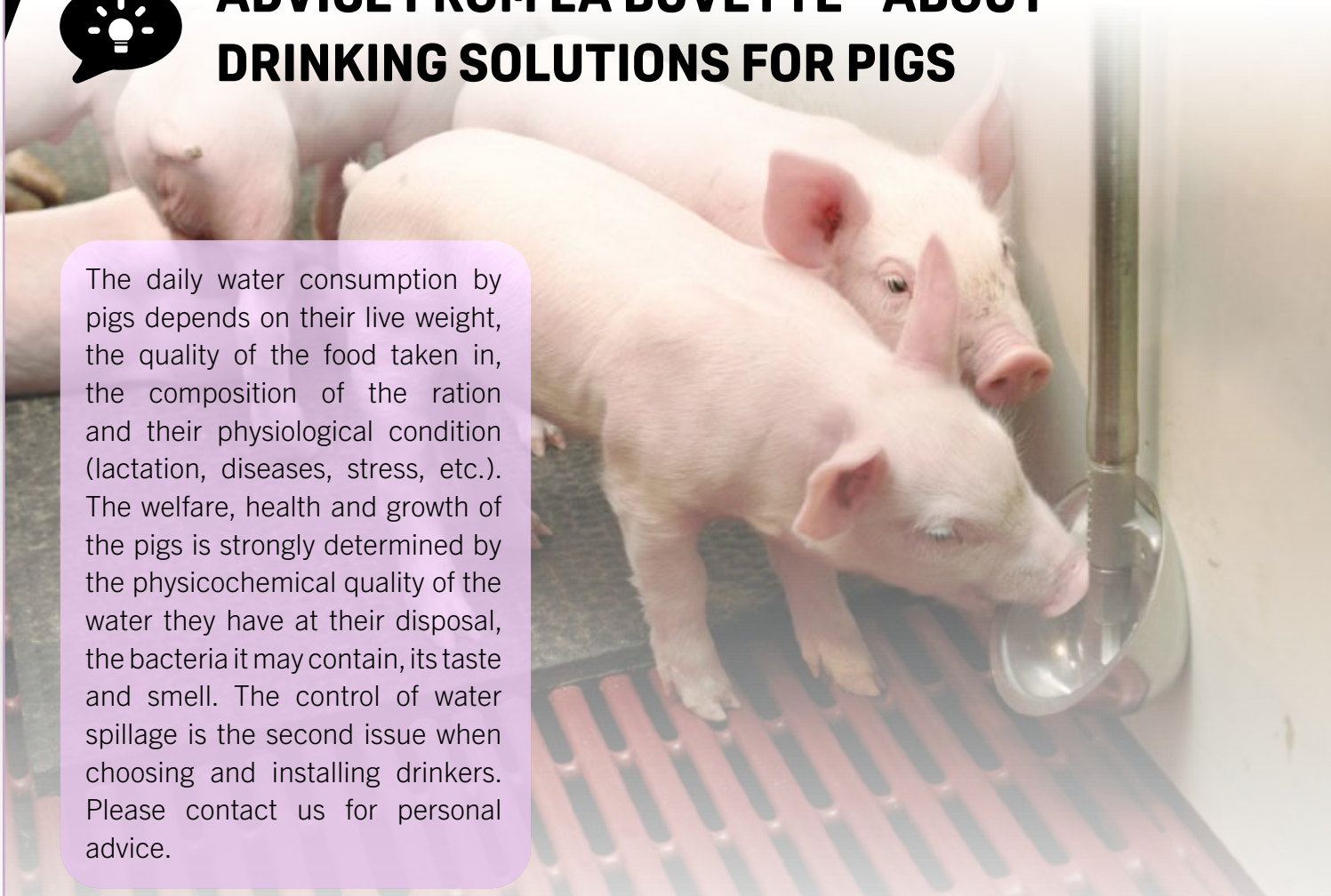




1. Membrane valve alone ref. 1820.
2. 1.20 m (4 ft) SS tube ref. 1821 (Sold separately).
3. B15 stainless steel bowl ref. 4130403 (See Spare Parts catalogue).

REF.	DESIGNATION
1820	Membrane valve (with fittings)

ADVICE FROM LA BUVETTE® ABOUT DRINKING SOLUTIONS FOR PIGS



The daily water consumption by pigs depends on their live weight, the quality of the food taken in, the composition of the ration and their physiological condition (lactation, diseases, stress, etc.). The welfare, health and growth of the pigs is strongly determined by the physicochemical quality of the water they have at their disposal, the bacteria it may contain, its taste and smell. The control of water spillage is the second issue when choosing and installing drinkers. Please contact us for personal advice.

HOW TO CHOOSE BETWEEN BOWL OR NIPPLE?

A pig naturally drinks by suction. As such, a bowl offers a more natural way of drinking, regardless of the age of the animal. Piglets take more food in when they drink from a bowl. Also during the weaning period, we observe less stereotypies (sucking other piglets, etc.) when they can drink from a bowl instead of a nipple. In addition, bowls offer much better spillage control. On the other hand, bowls are more easily soiled by manure or food.

This means that a nipple shouldn't exactly be banned. When the flow rate and installation height are properly adjusted, a nipple always provides clean water, but it holds a high risk of spillage.

INSTALLATION HEIGHT AND FLOW RATE

PRODUCTION	TYPE OF DRINKER	HEIGHT WITHOUT STEP (CM)	FLOW RATE (L/MIN)	MAX NUMBER OF ANIMALS PER DRINKER
Suckling pig	Bowl Nipple	5 - 8 20	0,5 0,5	- -
Weaning	Bowl Nipple	12 - 15 30	0,5 - 1,0 0,5 - 1,0	18 10
Fattening	Bowl Nipple	20 - 25 50	0,8 - 1,0 0,5 - 0,8	18 10
Breeding	Bowl Nipple	30 - 35 70	3,0 1,5	10 5

LOCATION OF THE DRINKERS

- Avoid corners and sufficiently space out the water points (competition, aggression)
- Not right next to the feed trough (risk of crowding)
- Clearly visible from the alley for easy control and cleaning
- A slippery floor in a straw area reduces the drinking frequency and the water intake. Provide drainage to avoid soiling the litter.

HYGIENE

A presence of only 1,5 g of manure in 1 litre of water already affects the water intake and the growth. Besides the risk of diarrhoea, a decreased water intake affects the food intake and consequently also the weight gain, and it causes the build-up of body fat (thickness of backfat). In the lactating sow it increases the risk of constipation, mastitis, agalactia, metritis and urinary disorders

DRINKING BEHAVIOUR AND WATER NEEDS

- A piglet visits the drinker for the first time within the first 18 hours of its life.
- More than 80 visits to the nipple per day during weaning (stress).
- After weaning, 100% of the piglets visit the drinker at least once between 9 a.m. and 1 p.m. (important for treatments).
- During fattening, a pig drinks 30 times a day and spends 10 to 15 min/day at the drinker.
- The water intake occurs primarily during the daytime with consumption peaks around mid-morning and late in the afternoon.
- More than 75 % of the water intake is associated with the feed periods.

PRODUCTION	DAILY WATER NEEDS
Suckling pig (< 28 days)	0,2 - 0,4 litres
Nursery (early weaning; 5 to 8 kg)	0,7 - 1 litre
Post weaning (8 to 25 kg)	1 - 4 litres
Fattening: 25 to 50 kg 50 to 75 kg 75 to 110 kg	4 - 6 litres 5 - 8 litres 7 - 10 litres
Sow at end of gestation	10 - 15 litres
Lactating sow	15 - 30 litres

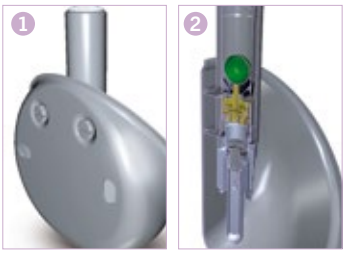
Stainless Steel Drinking Bowls For Pigs

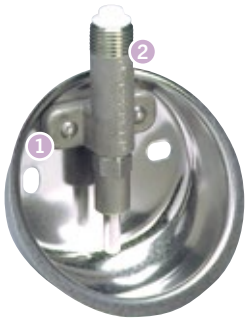
PORCINOX: A LA BUVETTE® EXCLUSIVE - PATENT EP0970605; EP1175830

B8 PORCINOX

Stainless steel bowl for maternity. Centres: 70 mm - Ø 8 mm

The exclusive LA BUVETTE® PORCINOX bowls are made of non-deforming polished stainless steel and are available in different models adjusted to the pigs' age.





1 **The stainless steel valve** is attached to the bowl by means of two stainless steel screws without welding, so they can be disassembled more easily from the back.

2 **Automatic water shut-off** to work on a drinker without shutting off the water supply line. When you unscrew the lower part of the valve, a ball automatically shuts off the water supply.

Stainless steel valve with ½" male gas connection. Adjustable flow rate.

2 to 4 oblong mounting holes allow you to make up for poor wall drilling. These drinking bowls have to be mounted to the wall using a stainless steel fixture (not included).

REF.	DESIGNATION	PACKAGING
1451	Stainless steel drinking bowl for maternity.	Per box of 25
1452	Same as 1451 for low pressure	Per box of 25

B10 PORCINOX

Stainless steel bowl for weaners.
Centres: 70 mm - Ø 8 mm.



REF.	DESIGNATION	PACKAGING
1453	Stainless steel drinking bowl for weaners	Per box of 10
1454	Same as 1453 for low pressure	Per box of 10

B15 S PORCINOX

Stainless steel bowl for fatteners from 25 to 110 kg (55 to 250 lbs).
Centres: 80 mm - Ø 8 mm.



REF.	DESIGNATION	PACKAGING
1456	Stainless steel bowl for fatteners from 25 to 110 kg (55 to 250 lbs).	Per box of 4
1457	Same as 1456 for low pressure	Per box of 4



B15 L PORCINOX

Stainless steel bowl for fatteners up to 130 kg (300 lbs).

Reinforced stainless steel valve.

Centres: 80 mm - Ø 8 mm.



REF.	DESIGNATION	PACKAGING
1455	Stainless steel bowl for fatteners up to 130 kg (300 lbs)	Per box of 4

B19 PORCINOX

For individual sows, groups, mixed maternity (sows, piglets) and boars.

Reinforced stainless steel valve.

4 fixing points Ø 10,5 mm.
Centres: 88 mm and 103 mm.



REF.	DESIGNATION	PACKAGING
1458	For individual sows, groups, mixed maternity (sows, piglets) and boars.	Plastic bag

BALPI LIGHT

Synthetic drinking bowl for maternity.

½" male stainless steel valve.
Centres: 85 mm - Ø 10 mm.

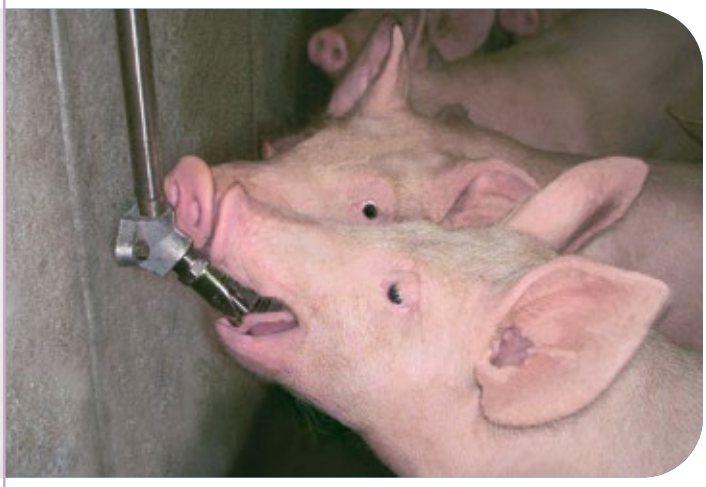


REF.	DESIGNATION	PACKAGING
1495	Synthetic drinking bowl for maternity	Per box of 6

VIDEO : www.labuvette.fr/communication/medias/videos-la-buvette



Moistener And Drinking Nipples for Pigs



DYRECT

Stainless steel finger moistener.



Connection 3/8" (12x17) male.

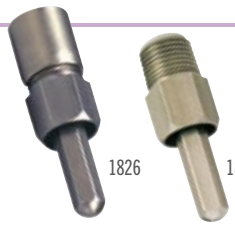
Flow rate adjustment in upper half.

REF.	DESIGNATION	PACKAGING
1827	Mini. flow rate: 0,3 l/mn - Maxi : 3,5 l/mn. Fitting 3/8" (12x17) male.	Per box of 20

POUSTUBE

Stainless steel finger moistener
with female or male ½" fitting.

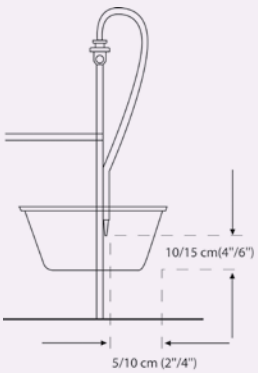
Flow rate adjustment in upper half.



- Its specific design avoids injuries.
- Never jams: the mechanism is protected from the animals.

REF.	DESIGNATION	PACKAGING
1826	POUSTUBE FEMALE Mini. flow rate: 0,6 l/min. (0.16 USG) - Fitting 1/2" F	Per box of 20
1828	POUSTUBE MALE Mini. flow rate: 0,6 l/min. (0.16 USG) - Fitting 1/2" M	Per box of 20

MOUNTING: **POUSTUBE**



Mounting the POUSTUBE in a trough for sows or "dry feeder".

Variable flow rate:
2 to 9 l/mn
(0.53 to 2.38 USG/min).

DIRECTO PREMIUM

Watering nipples with adjustable flow rate without disassembly.

The Directo Premium watering nipple is designed to optimise water consumption in all stages of pig farming: **farrowing, weaning, fattening.**



The flow rate is adjusted without disassembly, to the water pressure in the system and the type of animal: less spilling, decrease the slurry volume and control of the production costs.

Any deposits in the water lines can be drained by fully opening the set screw.

To shut off the water supply you only have to fully tighten the set screw.

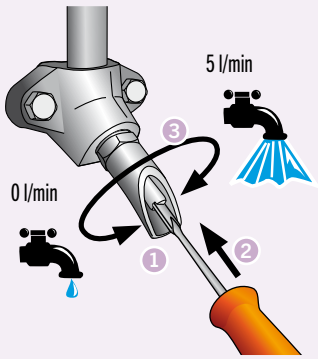
1/2" male fitting. Suitable for low and standard pressure.

Long life guaranteed by its 3 stainless steel parts (body, tube and spring).

Easy mounting with hexagon nut (mouting bracket A804, see ACCESSORIES).

REF.	DESIGNATION	PACKAGING
1816	Directo Premium 50 : For piglets Body Ø 16 mm - ½" M fitting	Per bag of 5
1817	Directo Premium 70 : For weaning Body Ø 19 mm - ½" M fitting	Per bag of 5
1818	Directo Premium 90 : For fattening, sows and boars Body Ø 23 mm - ½" M fitting	Per bag of 5

FLOW RATE ADJUSTMENT: **DIRECTO PREMIUM**

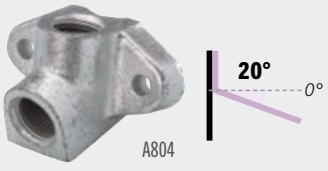


There is nothing more easy to increase the flow rate.

1. Insert the blade of the screwdriver in the slot at the end of the tube valve.
2. Push the tube against the flow rate regulating cone.
3. Turn clockwise.

Mounting bracket made of unbreakable galvanised cast iron.

Centres: 50 mm for 8 mm screws.



Ref.

A804 20° mounting bracket for DIRECTO 50, 70 (and 90 only in maternity boxes)

Breeding Material And Drinking Troughs For Pigs Kept Outdoors

MEMBRANE VALVE

Valve to maintain a low constant water level in a group trough or bowl.

Connection ½" (15x21) Male.

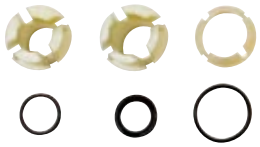








Ø17 mm Ø25 mm Ø32 mm



The valve comes with 3 plastic fittings.

REF.	DESIGNATION
1820	Membrane valve (with fittings)



Ref.

1821	Stainless steel pipe, non-threaded - 120 cm long
4130404	Stainless steel bowl B19 (without valve) see spare parts catalogue
4130403	Stainless steel bowl B15 (without valve) see spare parts catalogue

The membrane valve keeps the water level low in group troughs. With this valve, the level of stagnant water in the troughs will no longer be too high. The water is renewed quickly and is therefore more hygienic.

This helps you improve compliance with animal welfare standards.



CADAVER COVER

Cadaver cover in polyethylene.



REF.	DESIGNATION
D140	L 240 x W 130 x H 60 cm (8 x 4¼ x 2 ft). Light (20 kg, 45 lbs).



OUTDOOR PIGS

THERMOLAC 40 and 75 GV:
Non-electric frost-free drinkers, perfect for both outdoor and indoor use.



Frost free down to -30 °C.

Their large insulated drain plugs - Ø100 mm (4") allow cleaning without the need to remove the cover.

They work according to the Thermos flask principle: a **double food-safe HDPE wall is insulated with polyurethane foam.**

More information **page 47**.

REF.	DESIGNATION
1671	Frost-free non-electric 75 L waterer with 2 balls, float valve for standard pressure
1672	Frost-free non-electric 40 L waterer with 1 ball, float valve for standard pressure

OVICAP INOX 120 / 240:
Large stainless steel wall-mounted drinking troughs with adjustable float valve and high flow rate.

Optional heating element.
More information **page 103.**



LAC 5 :
Universal cast iron bowl with constant water level.

More information **page 8.**



DOSING PUMP

Accurate and reliable dosing pump for medication, supplements, disinfection, ...

More information **page 95.**





Water is vital to your horses, both for their health and for their performance. And it has to be supplied to them in sufficient quantities of the appropriate quality, at the right place and at the right moment. The daily water intake varies according to the type of animal, its food, activity, weight, the ambient temperature and the relative humidity of the air.

FUNCTIONAL CHARACTERISTICS OF A DRINKER FOR HORSES

- **MINIMUM Available volume:** 2,5 litres for a drinker with tube or paddle ; 4,5 litres for a drinker with constant water level.
- **MINIMUM Flow rate:** 10 l/min for a drinker with tube or paddle ; 6 l/min for a drinker with constant water level.
- **MINIMUM Access area:** 21 to 25 cm diameter (Ø8.3 to 8.5").
- **MINIMUM Depth:** 10 to 12 cm (3.9 to 4.7").

DRINKER INSTALLATION HEIGHT

- **Adult horses:** 100 to 120 cm (3.3 to 3.9 ft)
- **Ponies:** 55 to 90 cm (1.8 to 3 ft) according to their height.

Why adapt the height of the drinker?

- Guarantee easy access and drinking comfort (risk when too high)
- Avoid that the horse bumps its head (risk when too high)
- Reduce the risks of the trough to be broken (risk when too low)
- Reduce soiling (straw, dung) (risk when too low)

Blue intelligence®

CONNECTED BLUE INTELLIGENCE® DRINKING BOWL

BLUE INTELLIGENCE® is an innovative electronic system designed and developed by LA BUVETTE® for automatic and centralised monitoring of the water consumption of horses and triggering an alarm in real time in case of abnormal consumption.

MONITOR **WARNING** **REMOTE CONTROL**

To watch the animated demonstration, scan this QR-code or go to:
www.blueintelligence-labuvette.com

DO YOU NEED MORE ADVICE ON WATERING SOLUTIONS FOR HORSES?

- Which drinker suits which application and horse?
- How many litres drinks a horse, when and how?
- How to choose the right location of the drinker?
- Which solutions exist to protect your drinkers from frost?
- The rules to follow...

Read more in the HORSE catalogue on www.labuvette-waterers.co.uk

Feel free to call us at +33 324 523 723.



Complete Range Of Drinkers And Material For Horses

DRINKERS



FEED TROUGHS



STABLE EQUIPMENT





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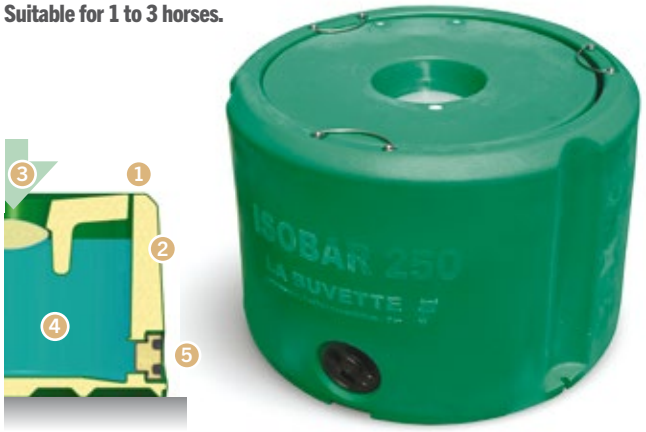
YouTube



ISOBAR 250

Antifreeze isothermal trough without electricity, ideal for places without running water where frost can occur.

Suitable for 1 to 3 horses.



1. **Made of UV-resistant, food-safe HDPE.**
2. **Frost protection down to -15 °C for 60 hours*** (under shelter to avoid icy rain and snowfall) **guaranteed by double walls filled with polyurethane foam.**
3. **The horse easily pushes against the lens in the middle of the floating cover in order to drink.**
4. **Water reserve for 1 week for one horse** (in winter). **Hygiene:** The water is protected from the sun, wild animals, autumn leaves…
5. **Ø100 mm large drain** with insulating plug.

Inside design without nooks and crannies for quick and efficient cleaning. The floating cover can be removed without tools. **Compact and easy to transport.**

MAXIMUM CAPACITY: 250 litres / AVAILABLE (with cover): 180 litres.

*Performance measured in cold room with a water temperature of 9 °C at the start.

REF.	DESIGNATION
1751	Isothermal trough with floating cover - Ø100,5 x h.65 cm (Ø39.4" x 25.6")

Connection Accessories

MOUNTING SET





CONNECTION SET

REF.	DESIGNATION
A359	Connection set for water circuit (FORSTAL, p.12): 2 stainless steel ¾" tubes + rotary union
A363	Connection set for water circuit (POLYSTALL, p.30): 2 stainless steel ¾" tubes + T ½" + rotary union ¾"
A367	Connection set for water circuit suitable for waterer with ¾" T: 2 stainless steel ¾" tubes
A365	Same as A367 with T for valve with ½" connection
A368	Connection set for water circuit suitable for MULTI 220 (p.44)
A373	Connection set for water circuit - for small spaces: 2 stainless steel tubes ¾" male
A309	Complete set to connect a LAC5, LAC55 or BABYLAC drinker mounted on a height-adjustable A308 bracket (p. 107).



PIPES

REF.	DESIGNATION
A459	1/2" threaded stainless steel pipe, male-male, 74 cm (29") long
A469	1/2" threaded stainless steel pipe, male-female, 74 cm (29") long
A470	1/2" threaded stainless steel pipe, male-female, 1 m (3.3 ft) long

½" FITTINGS


A822


A823


A829

REF.	DESIGNATION
A822	Stainless steel female-female bushing 1/2" (15 x 21)
A823	Synthetic female-female bushing 1/2" (15 x 21)
A833	Brass fitting 3/4" (20 x 27) male - 1/2" (15 x 21) female
A829	Extension with 2 threaded ends 1/2'' (15 x 21), brass, 55 mm (2'') long for mounting LAC 5 and LAC 55 on vertical tube

HEATING ELEMENT 24V/30W

Protects the valve and increases the anti-freeze drinkers capacities.

For countries with extremely cold winters.


A335

REF.	DESIGNATION
A335	Heating element 24 V - 30 W for THERMOLAC™

PRESSURE REDUCERS

Pressure reducers with gauge.
High flow rate model: ref. A406.


A405
A406

REF.	DESIGNATION
A405	Pressure reducer with gauge, connection ¾" Max. flow: 15l./mn at 4 bars (4USG at 58psi).
A406	Pressure reducer with gauge for high flow rate - connection ¾" Reduces the pressure but keeps an high flow rate.

FILTER

Recommended at the beginning of every water supply for waterers.



REF.	DESIGNATION
A446	6m3/h - 100 microns - connection 26 x 34 (1")
A445	Filter element 100 microns

BRAIDED HOSES

Stainless steel braided hoses with ½" or ¾" connection.



REF.	DESIGNATION
A452	Length: 600 mm (23.6"), with 2 swivels 15 x 21 (1/2") + fitting male-male
A453	Length:300 mm (23.6"), with 2 swivels 15 x 21 (1/2") + fitting male-male
A454	Length: 1000 mm (39.4"), with 2 swivels 15 x 21 (1/2") + fitting male-male
A455	Same as A452 in blister pack
A458	Same as A454 in blister pack
A480	Length: 600 mm (23.6"), with 2 swivels 20 x 27 (3/4") (female) + fitting male-male
A481	Same as A480 in blister pack
A482	Length: 1000 mm (39.4"), with 2 swivels 20 x 27 (3/4") + fitting male-male
A483	Same as A482 in blister pack

TAPPING SLEEVES / PLUGS


A806


A392


A391

REF.	DESIGNATION
A806	Tapping sleeve - Galvanised cast iron body for water pipe with 1/2" (15x21) male fitting. Also suitable for 1.25" (33x42) and 1.5" (40x49) tubes.
A391	Male ¾" stainless steel screw plug
A392	Male ¾" brass screw plug

Protections and Mounting Accessories

MOUNTING BRACKETS

For the mounting of drinker on Ø102 (4”) and 140 mm (5.5”) poles:
Reinforced mounting plates with double anti-rotation clamps, compatible with round and octagonal posts.




A331


A337

For the mounting on up to Ø75 mm (4”) tubes:


A315 / A316 / A319


A334

Bracket to mount a drinker on a steel post (H profile).
Spacing: 100 – 200 mm.


A336

Fastening on fence:
Brackets for mounting 1 or 2 drinkers on a fence with 4 or 5 tubes. Secured hook.




A324


A361


A362

REF.	DESIGNATION
A324	Set of 2 mounting brackets for drinkers on a fence with 4 or 5 tubes. Bore holes identical to A331.
A331	Mounting bracket for waterers on pole Ø102 mm (4”) or octogonal: For S4, F11, FORSTAL, F30, F30A, F60, LAC 5/55/50, BABYLAB™/T, F110 Inox, F130 Inox, F130 EL.
A334	Obligatory mounting bracket for F110 and F130 on poles Ø 50-75 mm (2”-3”). You can also use it for BABYLAB™, F11, F25, F30, F30A, F40 and F60
A336	Mounting bracket for waterers on H-post with a width of 100 to 200 mm. Same drinkers compatibility as A331.
A337	Same as A331 for pole Ø 140 mm (5.5”) and octogonal
A315	Set of 2 galvanised steel brackets for F11 - F30 - F60 - F110 Inox - BABYLAB™ on tubes up to Ø 50 mm (2”)
A316	Same as A315, for tubes of Ø 50 (2”) up to 75 mm (3”)
A319	Same as A315, for F130 EL
A361	Corner plate for F11 - FORSTAL - F30 - F130 - LAC 5/10 - BABYLAB™ T F110 INOX
A362	Corner plate for BABYLAB™

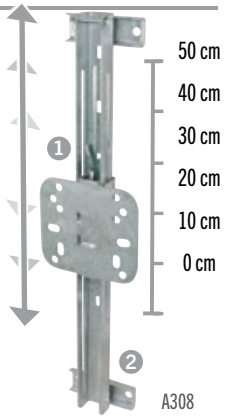
ADJUSTABLE BRACKETS

Model for individual trough: A308
Sliding plate on a rail to be fixed to the wall. Allows the height of the drinker to be quickly adjusted to the depth of the bedding without the need for tools. Suitable for goats and sheep only.

Can be fixed to a post using a counter-flange. Please provide a stainless steel hose or an A309 kit, p. 114.



1. Adjustable without tools every 10 cm up to 50 cm.
2. 4 fixing points.

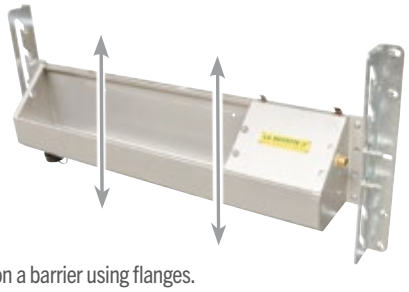


A308

Model for collective drinking trough: A305
Pair of wall-mounted rack brackets.
Allows the height of a large OVICAP INOX or OVITUBE drinking trough to be adjusted quickly and without tools.

NEW





Can be mounted on a barrier using flanges.
Use a stainless steel hose or an A309 kit (see p. 114).

REF.	DESIGNATION
A308	Height-adjustable drinking trough bracket. Compatible with BABYLAB™, BABYLAC, LAC 5 and LAC 55 drinking troughs.
A305	Height-adjustable drinking trough bracket. Compatible with OVITUBE 120/210 and OVICAP INOX 120/240 drinking troughs.

PROTECTIONS

Special protection for insulated water lines: Larger width and depth than standard protection to avoid compression of the insulating foam jacket.

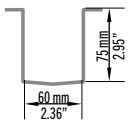




Protection for tube valve:
For animals with a nose ring.


A341


A342

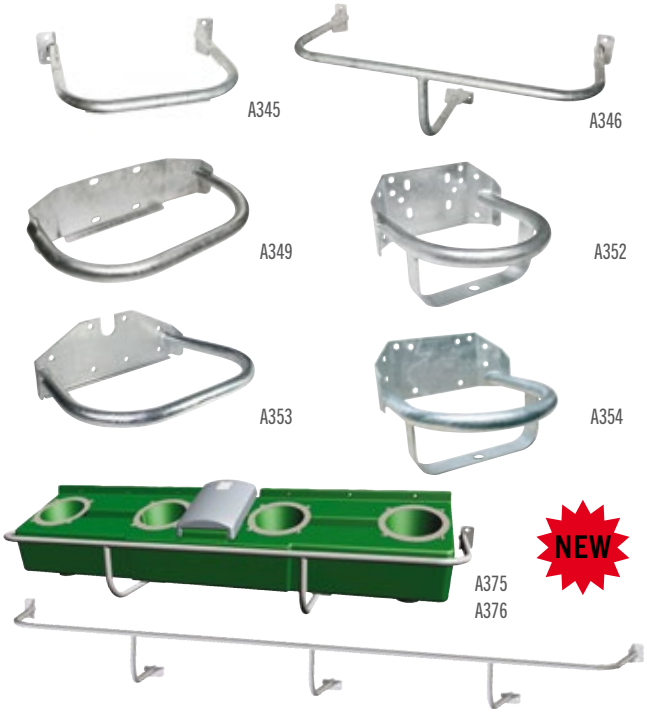


A358

REF.	DESIGNATION
A341	Stainless steel protection for valve of F60
A342	Stainless steel protection for valve of F30 / F30A
A358	Water pipe protection in galvanised steel - useful dim. L. 750 x W. 60 x D. 75 mm.

Protections

PROTECTION FRAMES



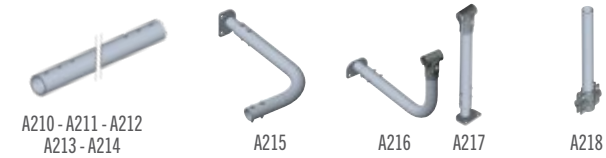
REF.	DESIGNATION
A345	Protection frame in galvanised steel suitable for EASY-STALL 45
A346	Protection frame in galvanised steel suitable for EASY-STALL 100
A349	Protection frame in galvanised steel suitable for LAC 55. Wall mouting. Dim. : L 400 x D 320 x H 160 mm (15.7" x 12.6" x 6.3")
A352	Protection frame in galvanised steel suitable for F11, FORSTAL, F25, F30, F30A, F40, F130, LAC 5, LAC 10. Wall or corner mounting - fits brackets A331 Dim.: D 366 x W 334 x H 235 mm (14.4" x 13.1" x 9.3")
A353	Protection frame in galvanised steel suitable for F60. Wall mounting. Dim. : L 518 x D 378 x H 173 mm (20.4" x 14.9" x 6.8")
A354	Protection frame in galvanised steel suitable for F130 EL Wall or corner mounting - fits brackets A331 Dim.: D 379 x W 353 x H 271 mm (14.9" x 13.9" x 10.7")
A375	Protection frame in galvanised steel suitable for CLEAN-FLOW 230 Wall mounting. W. 2300 x D. 500 x H. 173 mm (90.6"x13.8"x6.7")
A376	Protection frame in galvanised steel suitable for CLEAN-FLOW 350 Wall mounting. W. 3500 x D. 500 x H. 173 mm (137.8"x13.8"x6.7")

MODULAR PROTECTIONS

Hot-dip galvanised steel protective components for large floor-mounted or wall-mounted drinking troughs.

Adjustments via through-bolts allow for the protection of a wide range of large drinking troughs, grouped into five different sizes (S, M, L, XL and XXL).

NEW







1. **Ø60 mm and 48 mm tubes j**oined by half-shells and through bolts.
2. Option to add a bar at the withers.



REF.	DESIGNATION
A210	Protection kit size S: bar 900mm (35.4")
A211	Protection kit size M: bar 1250mm (49.2")
A212	Protection kit size L: bar 2040mm (80.3")
A213	Protection kit size XL: bar 2910mm (114.6")
A214	Protection kit size XXL: bar 2200mm (86.6")
A215	Protection kit: corner
A216	Protection kit: wall bracket
A217	Protection kit: floor bracket
A218	Protection kit: withers bar spacer

SIZE GUIDE FOR MODULAR PROTECTIVE COVERS:

Put together your own kits to protect drinking troughs measuring between 1.10 and 4.60 metres in length.



Size	LA BUVETTE drinking troughs	Bar(s)	Corner	Wall or floor bracket	*Option: bar at the withers*
S	GV110 / MICHIGAN DUO	1 x A210 (900 mm)	2 x A215	1 x A216 (wall) 1 x A217 (floor)	*1 bar A210 + 2 corners A215 + 1 spacer A218*
M	GV150 / LB150	1 x A211 (1250 mm)	2 x A215	1 x A216 (wall) 1 x A217 (floor)	*1 bar A211 + 2 corners A215 + 1 spacer A218*
L	GV230 / LB230 / BAÏKAL230 / MULTI 220 /MULTI-TWIN	1 x A212 (2040 mm)	2 x A215	2 x A216 (wall) 2 x A217 (floor)	*1 bar A212 + 2 corners A215 + 2 spacers A218*
XL	GV300	1 x A213 (2910 mm)	2 x A215	2 x A216 (wall) 2 x A217 (floor)	*1 bar A213 + 2 corners A215 + 2 spacers A218*
XXL	GV460	2 x A214 (2200 mm)	2 x A215	3 x A216 (wall) 3 x A217 (floor)	*2 bars A214 + 2 corners A215 + 3 spacers A218*

LA BUVETTE®, a must-have brand

A LA BUVETTE shelf space is noticed in a glance. It gives easy access to the products and all related information.

Your LA BUVETTE representative will be pleased to help you with a tailor-made solution that matches the expectations of the professional breeders.



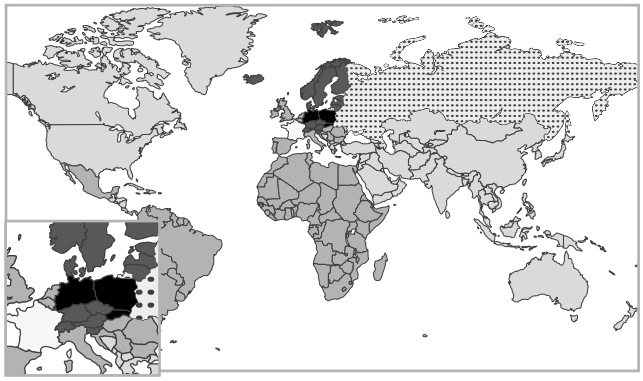
REF.	DESIGNATION
A913	Display stand for drinkers, double-sided (empty)
A915	Double-sided end-cap display sign, 100 x 30 cm
A916	Holder for an end-cap display sign
A918	Front 100 cm x 17 cm in PVC
A917	Front 133 cm x 17 cm in PVC
A919	Magnetic holders for PVC front (set of 2)
A921	Transparent document holder
A923	205 x 40 mm label with product Information for label holder

FAN SHOP LA BUVETTE®



REF.	DESIGNATION
GBU0001N	Black beanie with the LA BUVETTE logo embroidered on it
GPL2030A	Vintage metal plaque, 1965 – 20x30cm
GGP5025B	LA BUVETTE 2025 pint glass (50cl)

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LA BUVETTE®'s Videos, pieces of advice in pictures



ADVICE VIDEOS FROM SPECIALISTS

Installing a drinking trough or a meadow pump, choosing a solar pump, repairing a polyethylene tank, changing a float, a flow adjustment screw or even installing a 'dry hand' drain becomes child's play when you watch the videos from LA BUVETTE.

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YouTube

LA BUVETTE®














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COMPLEMENTARY EXPERTISE FOR THE STOCKBREEDERS

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GROUPE SOFILAB



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Le spécialiste de l'abreuvement

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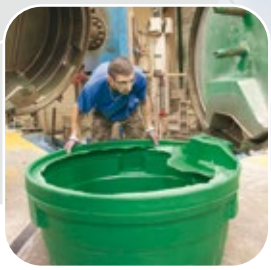
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F-42130 MARCOUX
ck-industries.com

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LET US MEET SOON



LA BUVETTE is present at all big breeding events in France and the world. These are the opportunities for valuable exchanges about our latest innovations.

NOT TO BE MISSED IN 2026:

- **TERRES EN FÊTE** from 5th to 7th june in Arras (France)
- **SPACE** the 15th, 16th and 17th september in Rennes (France)
- **SOMMET DE L'ÉLEVAGE** from 6 to 9 october in Clermont-Fd (Fr.)
- **EQUITA** from 28th october to 1st november in Lyon (France)
- **EUROTIER** from 10th to 13th november à Hanovre (Allemagne)

LA BUVETTE also participates in numerous exhibitions and open houses of its customers.

We also offer training sessions on drinking systems intended for the breeders and breeding advisors.

Don't hesitate to contact us.





TECH-OVIN (Bellac - France)



SOMMET DE L'ELEVAGE (Clermont-Ferrand - France)



EUROTIER (Hanovre - Germany)



EQUITA (Lyon - France)

LA BUVETTE WARRANTY INFORMATION The LA BUVETTE® material comes with a 1-year guarantee against all manufacturing defects unless otherwise stated. This guarantee only covers the replacement of defective parts that are returned at the buyer's expense. Any warranty claim shall be sent by the user to his dealer, accompanied with a detailed explanation and photos. The dealer shall transmit the claim to the LA BUVETTE® representative of his region and the latter shall submit it to the After Sales Service of LA BUVETTE®. For more information, please ask for our detailed warranty conditions.

Warranty 1 year Against all manufacturing defects

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LA BUVETTE®

The Specialist in Livestock Drinking Solutions

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