



TROUGHS AND DRINKERS FOR FREE STALLS



EDELSTAHL
Rost frei
STAINLESS STEEL



NEW!



Rounded trough and rounded corners

view with legs for ground fixation

NEW!



Plug holder DE LUXE:

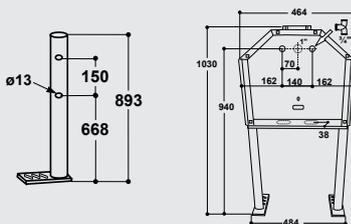
easiest opening and closing above water surface of drainage hole



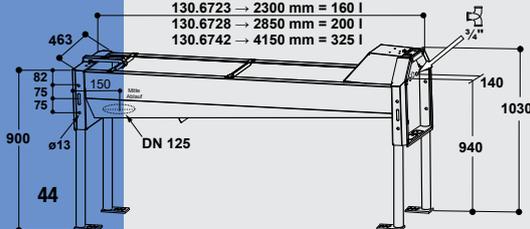
drainage pipe DN125 (on site)

with additional floater 131.0738

protection plate 131.6090



130.6714 → 1400 mm = 100 l
 130.6719 → 1900 mm = 130 l
 130.6723 → 2300 mm = 160 l
 130.6728 → 2850 mm = 200 l
 130.6742 → 4150 mm = 325 l



Pat. SUEVIA Quick Drainage Trough
 1,4 – 2,85 m (4,2 m see p. 47)

- **Conical inclined trough in stainless steel** for wall mounting
- Anti-spillage rim – water wastage reduced to a minimum
- **Float valve cover can be pivoted upwards without use of tools!**
- Installed float valve **MASTERFLOW**, water flow up to 40 l/min (11 gallons/min), 3/4" male connection.
- NEW!** • Plug inclusive **plug holder DE LUXE!** Drainage plug can be operated above water surface!
- **Large hole for quick drainage;** with holder for drainage tube
- With overflow hole in plug: surplus water of frost protection guard can be flushed through this hole.

ACCESSORIES:

- **Legs** (131.6031, 1 set = 4 pieces)
- **Additional float valve** (131.0700 or 131.0738) e.g. for warmed-up water from the milk cooling system (not possible if circuit pipe is installed).
- **Protection plate** (131.6090) to cover connections at the valve side prevents biting into frost protection heating cables and insulation.

	Ref.	Type	Packing Hints
NEW!	130.6714	Quick drainage trough 1,4 m	1 piece
NEW!	130.6719	Quick drainage trough 1,9 m	1 piece
NEW!	130.6723	Quick drainage trough 2,3 m	1 piece
NEW!	130.6728	Quick drainage trough 2,85 m	1 piece
NEW!	130.6742	Quick drainage trough 4,2 m (Info see p. 47)	1 piece
NEW!	131.6031	1 set of legs (= 4 pieces)	1 set
	131.0700	MAXIFLOW float valve, Mod. 700	1 piece
	131.0738	Low pressure float valve, Mod. 738	1 piece
NEW!	131.6090	Bite protection plate in stainless steel	1 piece
	131.6060	Heating element Mod. 6060, 24 V, 180 W	1 piece/box
	131.6061	Heating element Mod. 6061, 24 V, 180 W	1 piece/box
	131.6062	Heating element Mod. 6062, 24 V, 360 W	1 piece/box
	131.6063	Heating element Mod. 6063, 24 V, 180 W, with cover	1 piece/bag
	131.0527	Valve heating Mod. 527, 24 V, 7 W	1 piece/bag
	101.0390	Transformer 230/24 V, 200 W	1 piece/box
	101.0392	Transformer 230/24 V, 400 W	1 piece/box
	101.0861	Frost protection heating cable, 24 V, 20 W, 2 m	1 piece
	101.1863	Frost protection heating cable, 24 V, 30 W, 3 m	1 piece
	101.1099	Aluminium adhesive tape, 50 mm wide, 50 m	50 m/roll
	101.0389	Thermostat	1 piece/box
	131.0521	3/4" frost protection guard	1 piece/box
	131.6064	3/4" circuit pipe	1 piece
	131.6067	Connection set for 1" water circuits	1 piece
		1" Circuit pipe: see p. 46	



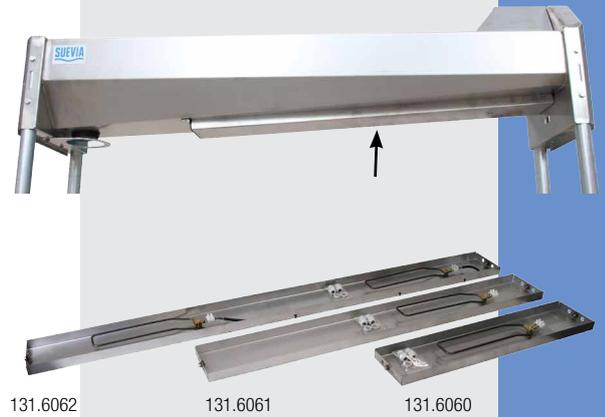
TROUGHS AND DRINKERS FOR FREE STALLS

Options for frost protection:

Heating element under the trough

- Easy fixation under the trough
- No sharp edges when cleaning the trough
- Provides frost protection of the trough down to approx. **-20°C**
- For a frost-free feed pip: frost protection heating cable 24 V (20 W, 2 m, 101.0861) or 30 W, 3 m, 101.1863). The heating cable is connected parallel to the heating element.
- For power supply a SUEVIA Transformer 230/24 V is necessary. For automatic switch on/off a thermostat (101.0389) can be additionally installed (see p. 26).

Trough (Ref.)	Length	Contents	Heating Element (Ref.)	Voltage, Power
130.6714	1,4 m	100 l	131.6060	24 V, 180 W
130.6719	1,9 m	130 l	131.6061	24 V, 180 W
130.6723	2,3 m	160 l	131.6062	24 V, 360 W
130.6728	2,85 m	200 l	131.6062	24 V, 360 W
130.6742	4,2 m	280 l	131.6062	24 V, 360 W



Heating element in the trough

Heating element (24 V, 180 W, 131.6063), with stainless steel cover and cable connection box inclusive. Frost protection of trough down to -20°C. For installation only four holes have to be drilled into the trough's bottom according plan. For power supply a SUEVIA Transformer 230/24 V is necessary. For automatic switch on/off of transformer a thermostat (101.0389) can be additionally installed (see p. 26). For a frost-free feed pip: frost protection heating cable 24 V (20 W, 2 m, 101.0861) or 30 W, 3 m, 101.1863). The heating cable is connected parallel to the heating element.



Valve heating

For extremely cold areas a valve heating (24 V, 7 W, 131.0527) is recommended for increased frost protection.

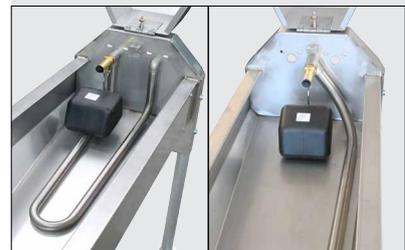
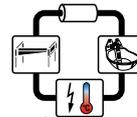


Connection to a water circuit

¾" circuit pipe (131.6064) in stainless steel, suited for installation into all quick drainage troughs. If connected to a water circuit and in combination with a SUEVIA heating unit, frost protection is reached for the water line as well as for the water in the trough.

1" circuit pipe in stainless steel: see p. 46

Connection set for 1" water circuits (131.6067) suited for all quick drainage troughs. When using this connection set, the valve of the trough can easily be by-passed by a 1" water circuit line. For frost protection of the water in the trough an additional installation of a heating element or a frost protection guard is required.



¾" circuit pipe
131.6064

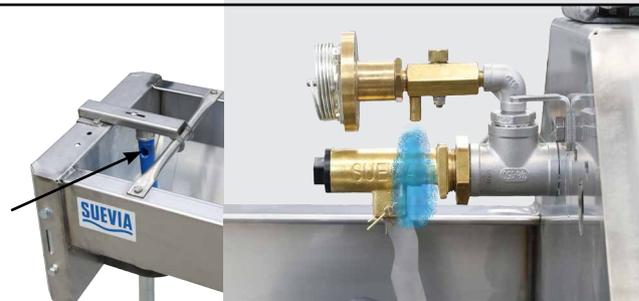
1" circuit pipe
see p. 46



Connection set for
1" water circuits
131.6067

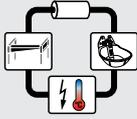
Frost protection guard

Frost protection without electricity! At risk of frost the installed and adjusted frost protection guard (131.0521) opens automatically, the adjusted water quantity flows into the trough over the float valve, situated under the frost protection guard: water in the trough remains in motion and is prevented from freezing! Surplus water is flushed through this hole in the lever of drainage plug. No ice in front of the trough!





TROUGHS AND DRINKERS FOR FREE STALLS



1" Circuit Pipe for SUEVIA Quick Drainage Troughs for troughs length of 1,4 m - 4,2 m

- The 1" circuit pipe runs through the whole trough from one end to the other. Ideal for water circuits of large free stalls.
- 1" circuit pipe is made of stainless steel. Available as accessory for Quick Drainage Troughs (130.6714, 130.6719, 130.6723, 130.6728) in one piece. For 130.6742 the pipe is divided into two pieces, connected with a union.
- Inclusive all fittings and connection material (see pictures "installation example without accessories" below)
- When using a 1" circuit pipe the installation of a frost protection guard or a bite protection plate is not possible.

ACCESSORIES:

- **Elbow 90°, f/m, stainless steel** (Ref. 103.2036) to connect the 1" circuit pipe to a threaded fitting of your plastic pipe. Depending on installation you may need that twice.
- **Elbow 90°, f/f, stainless steel** (Ref. 103.2010) for connection of the 1" circuit pipe to a threaded fitting of your plastic pipe. Depending on your pipe you may need that twice.

Find for each trough the correct 1" circuit pipe:

Trough (Ref.)	Length	1" circuit pipe (Ref.)
130.6714	1,4 m	131.6110
130.6719	1,9 m	131.6111
130.6723	2,3 m	131.6112
130.6728	2,85 m	131.6113
130.6742	4,2 m	131.6114

Installation example with elbows (accessories) and plastic pipe:



- + 1" circuit pipe
- + elbow 90° f/m 1" (103.2036)
- + threaded plastic fitting for pipe (by client)

Installation example without accessories:



Ref.	Type	Packaging Hints
131.6110	1" circuit pipe for trough 130.6714	1 piece
131.6111	1" circuit pipe for trough 130.6719	1 piece
131.6112	1" circuit pipe for trough 130.6723	1 piece
131.6113	1" circuit pipe for trough 130.6728	1 piece
131.6114	1" circuit pipe for trough 130.6742	1 piece
103.2010	Elbow 90°, f/f, 1", stainless steel	1 piece
103.2036	Elbow 90°, f/m, 1", stainless steel	1 piece

Plug holder DE LUXE for older Quick Drainage Troughs

- Exchange kit for older Quick Drainage Troughs
- For an easy opening and closing of the drainage plug.
- Easy opening: push the button. Easy closing: just push it down.
- **131.6086: Plug holder DE LUXE with crossbar and bolts**, for the older version of Quick Drainage Troughs, which were delivered without crossbar
- **131.6087: Plug holder DE LUXE without crossbar**, for the troughs, delivered already with crossbar



Ref.	Type	Packing Hints
NEW! 131.6086	Plug holder DE LUXE, with crossbar and bolts	1 set
131.6087	Plug holder DE LUXE, without crossbar	1 set



TROUGHS AND DRINKERS FOR FREE STALLS



SUEVIA Quick Drainage Trough 4,2 m for wall fixation

Ref. 130.6742

130.6742

- Extra long 4,2 m trough
- Suitable for large animal housings: 3,7 m inner trough length provides from 37 up to 46 dairy cows with water (8 – 10 cm trough length for each animal)
- Only for mounting on a concrete wall in the middle of crossings in front of cubicles
- Easy transportation thanks to a modular execution made of two parts. The seam of two parts is sealed with silicone and screwed with stainless steel bolts.
- **Conical inclined trough in stainless steel for wall mounting**, inclusive middle console made of stainless steel, which is fixed to the wall and supports the trough in the middle
- **Rounded corners** for animals' comfort
- Anti-spillage rim – water wastage reduced to a minimum
- **Float valve cover can be pivoted upwards without use of tools!**
- Installed float valve **MASTERFLOW**, water flow up to 40 l/min (11 gallons/min), ¾" male connection.
- Plug inclusive **plug holder DE LUXE!** Drainage plug can be operated above water surface!
- **Large hole for quick drainage;** with holder for drainage tube
- With overflow hole in plug: water of frost protection guard can flush through this hole.

ACCESSORIES:

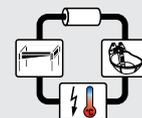
- **Additional float valve** (131.0700 or 131.0738) e.g. for warmed-up water from the milk cooling system (not possible with circuit pipes).
- **Protection plate** (131.6090) to cover connections at the valve side; prevents biting into frost protection heating cable and provides insulation.
- **Frost protection** accessories see table below



View of the middle console



	Ref.	Type	Packing Hints
NEW!	130.6742	Quick drainage trough 4,2 m	1 piece
NEW!	131.6090	Bite protection plate in stainless steel	1 piece
	131.0700	MAXIFLOW float valve, Mod. 700	1 piece
	131.0738	Low pressure float valve, Mod. 738	1 piece
	131.6062	Heating element Mod. 6062, 24 V, 360 W	1 piece/box
	131.6063	Heating element Mod. 6063, 24 V, 180 W, with cover	1 piece/bag
	131.0527	Valve heating Mod. 527, 24 V, 7 W	1 piece/bag
	101.0392	Transformer 230/24 V, 400 W	1 piece/box
	101.0861	Frost protection heating cable, 24 V, 20 W, 2 m	1 piece
	101.1863	Frost protection heating cable, 24 V, 30 W, 3 m	1 piece
	101.1099	Aluminium adhesive tape, 50 mm wide, 50 m	50 m/roll
	101.0389	Thermostat	1 piece/box
	131.6064	¾" circuit pipe	1 piece
	131.6067	Connection set for 1" water circuits	1 piece
	131.6114	1" circuit pipe for trough 130.6742 (see p. 46)	1 piece
	131.0521	¾" frost protection guard	1 piece/box



131.6114