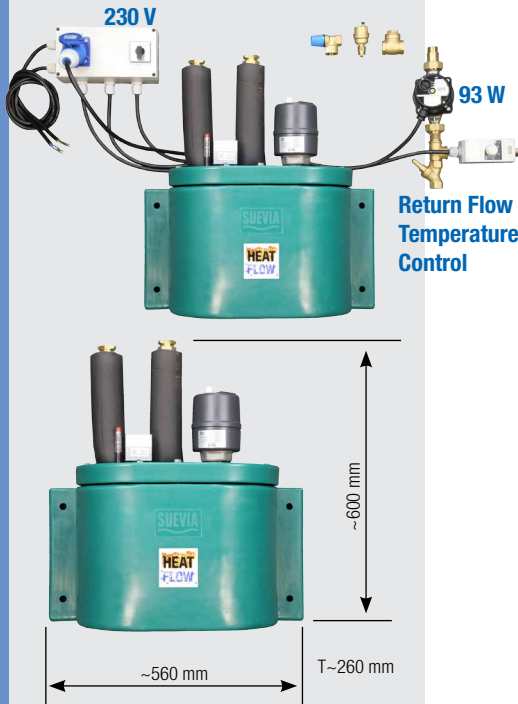




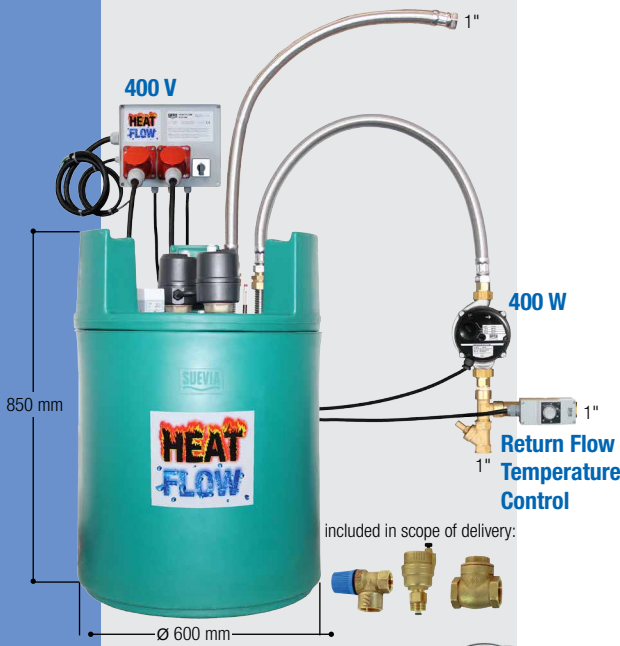
HEATING UNITS



Heating unit HEATFLOW MINI, 230 V, 3000 W

- Provides frost-protected water in **insulated water circuits** (¾"). Circuit length **max. 200 m**
- The **heating unit HEATFLOW MINI is available with heating power of 3000 W** and is especially developed for **free stalls** for cattle, horses, pigs and sheep.
- The heating element heats up a secondary water, which transfers the heat to the drinking water for the animals. A maximum temperature of 40°C reduces the appearance of lime to a minimum. Therefore it is especially developed for keeping **circuit pipes with limy water frost-free!**
- **With return flow temperature control:** Desired temperature of return water flow is regulated by a sensor mounted on the return flow pipe. If return water flow temperature is lower than the adjusted value, the heating element will be automatically switched on.
- Equipped with a **circulation pump with stainless steel base (230 V, 93 W)**
- The heating element is equipped with an overheating protection (STC).
- Scope of delivery includes vent-valve, pressure relief valve, non-return valve, and non-return flap
- Two residual-current devices 30mA have to be provided by the customer. They serve to secure the pump and the heating element in a separated way.

Ref.	Type	Packing Hints	
101.2280	Heating unit HEATFLOW MINI, 230 V, 3000 W, 93 W pump	1 piece	
101.0309	Flow control ¾"	1 piece	
101.0308	Alarm system for water circuits	1 set/bag	



Heating units HEATFLOW from 3 to 12 kW

- Provides frost-protected water in **insulated water circuits** (¾" or 1" pipe)
- The **heating units of the HEATFLOW series are available with heating power from 3 to 12 kW** and especially developed for **large free stalls** for cattle, horses, pigs and sheep. 4 different heating units are available (see list below).
- The heating elements heat up a secondary water, which transfers the heat to the primary water. A maximum temperature of 40°C reduces the appearance of lime to a minimum. Therefore the HEATFLOW is especially developed for keeping **circuit pipes with limy water frost-free!**
- **With return flow temperature control:** Desired temperature of return water flow is regulated by a sensor mounted on the return flow pipe. If return water flow temperature is lower than the adjusted value, the heating element will be automatically switched on.
- **Expandable:** you can add another heating element to HEATFLOW units with one heating element. The heating power will then be doubled (e.g. 3+3 kW or 6+6 kW). For example if you extend your barn.
- Equipped with a **high-capacity circulation pump with stainless steel base (230 V, 400 W)**
- Water connections are hold in 1". For easy installation the HEATFLOW units are delivered with two armoured tubes.
- The heating elements are equipped with an overheating protection (STC)
- Scope of delivery includes vent-valve, pressure relief valve, non-return valve, and non-return flap
- Two residual-current devices 30mA have to be provided by the customer. They serve to secure the pump and the heating element in a separated way.

OPTIONS:

Ref.	Type	Heating Power	Pump Power	Circuit Length (max.)	Packing Hints
101.2203	Heating unit HEATFLOW 3 kW	3 kW (1x 3 kW)	400 W	250 m	2 pieces/pallet
101.2233	Heating unit HEATFLOW 3+3 kW	6 kW (2x 3 kW)	400 W	350 m	2 pieces/pallet
101.2206	Heating unit HEATFLOW 6 kW	6 kW (1x 6 kW)	400 W	350 m	2 pieces/pallet
101.2266	Heating unit HEATFLOW 6+6 kW	12 kW (2x 6 kW)	400 W	450 m	2 pieces/pallet
101.0309	Flow control ¾"	--	--	--	1 piece
101.0310	Flow control 1"	--	--	--	1 piece
101.0308	Alarm system for water circuits	--	--	--	1 set/bag

INSIDER TIP!

Heating Units HEATFLOW are especially developed for frost protection of **circuit pipes with limy water!**

