



Hydraulics module

benefits

- pre-installed, tightness-tested indoor unit, ready to be connected
- Integrated heating element: 3.6 and 9 kW
- with magnetite sludge separator and reversing valve
- Maximum time savings: No planning of hydraulics, no error sources during mounting



Application

AMB 900 is a specially developed indoor unit for use in closed heating systems as per EN 12828. It allows for simple, reliable and fast integration of monobloc heat pumps into existing or new heating systems. The factory-preassembled and tightness tested unit is installed inside the building between the heat pump and the hot water storage tank or the heat distribution system. Thanks to the pre-wired 7 components, it is sufficient to wire the power supply and connect the unit to the heat pump. With the integrated electric heating element, AMB 900 can also be used as an auxiliary or emergency heater in combination with the heat pump control.

Description

AMB 900 Hydraulic module in a compact metal cabinet with electrically and mechanically pre-assembled components. It contains a 9 kW heating element, a 3-way reversing valve AZV 844 and a magnetite sludge separator ADS 181 specially designed for heat pumps. It features a large filter surface and optimised flow for minimum pressure loss. An extra-strong magnet quickly and reliably separates magnetite. The 3-way reversing valve allows you to switch between the heating circuit and the hot water tank. Integrated safety-related equipment such as 3 bar safety valve, safety temperature cut out, quick air vent and shut-off valves minimise potential errors during installation and ensure reliable operation. The installation is "plug & play": Fit the metal plate to the wall using the prepared eyelets, connect system lines with standard connections and then fit the metal housing without tools.

Technical Specifications

system connections

Heat pump: union nut G1½
Heating circuit: union nut G1½

Operating temperature range

Medium: 5/90 °C

System pressure

max. 3 bar

Flow coefficient Kvs

6.5 m³/h

Power heating element Heizstab

Max. 3 kW at AC 230 V
Max. 9 kW at AC 400 V

Heat pump power

max. 16 kW

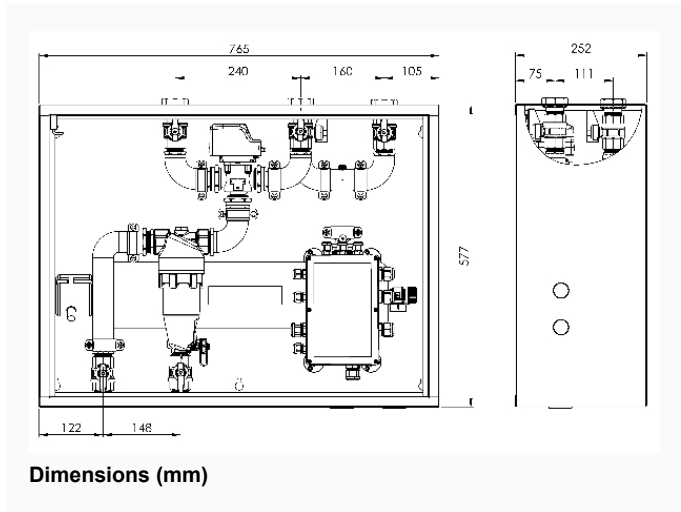
Dimensions

W x H x D: 765 x 577 x 252 mm

Magnet insert

Neodymium 1.4 T

Technical Drawings



Versions

	Part no.
Hydraulics module AMB 900	7690000
● in-stock items	
● Non-stock items	