200-Litre Buffer Tank for Heat Pumps

339 830 / PSW 200
PSP 200 / 80487 302

Installation Instructions

Order No.: 452115.67.08

## Installation:

Placement and installation must be carried out by an authorised specialised company !
The unit must be installed in a frost-proof room with pipe runs as short as possible.
The max. allowable working pressures indicated on the data plate must not be exceeded.
Immersion heaters may only be hooked up by a qualified electrician in accordance with the relevant circuit diagram. It is mandatory that all relevant requirements of the utility company, VDE and DIN standard 4751-2 be complied with.

## Note:

Since the buffer tanks are not enamelled they must not ever be used for the heating of domestic hot water.
All connections are brought out of the insulation. Unused connecting sockets must be sealed with a cap or plug.
A draining option should be provided at the lower socket.

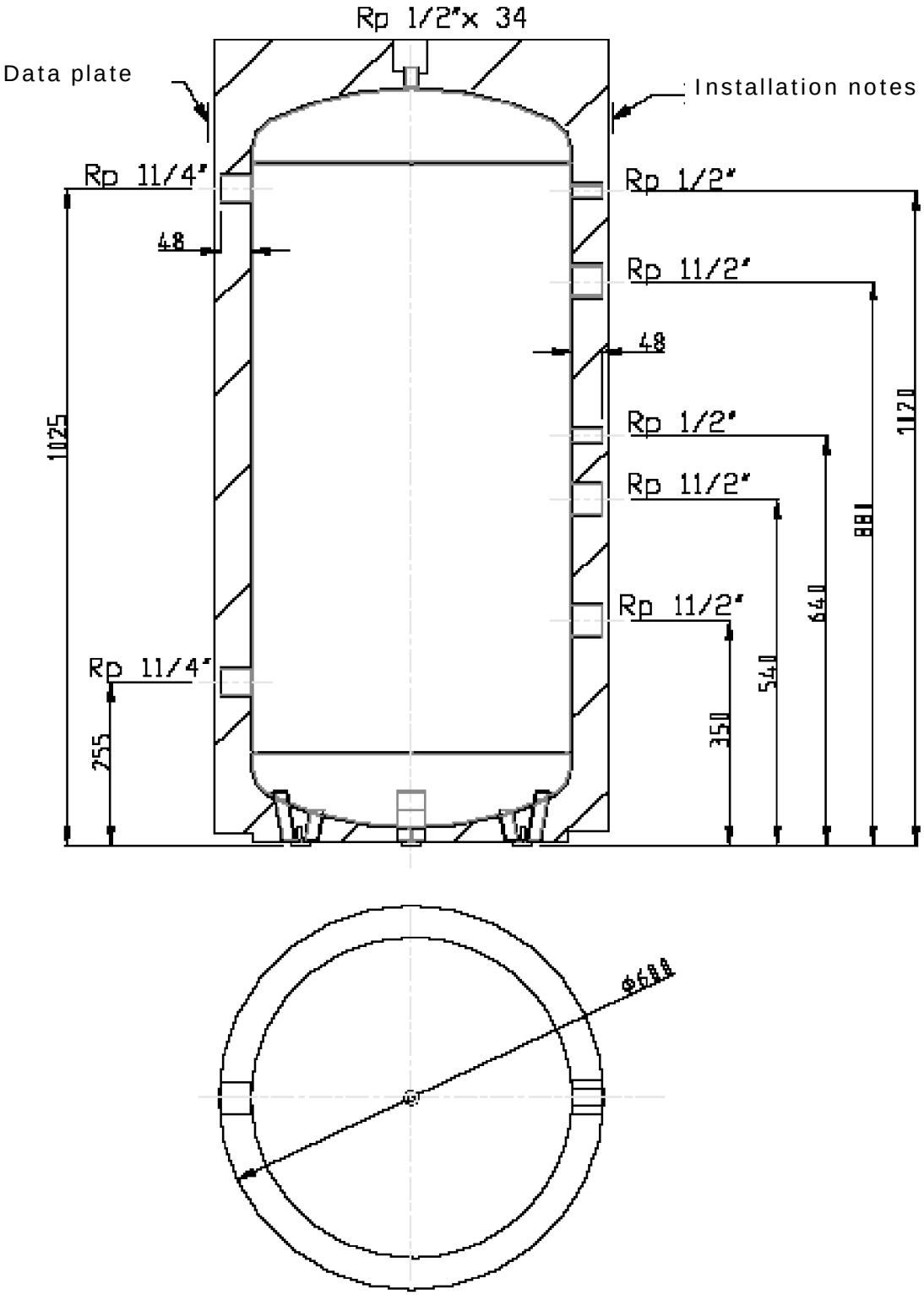
## Safety valve:

Where the buffer tank is equipped with an immersion heater, it must be connected by means of a type-tested diaphragm safety valve without shut-off feature. The connection diameter must have a minimum nominal width of 20. The discharge line must not allow any pressure increase to take place.

## Commissioning:

Prior to commissioning check that the water supply is open and the tank is full. Initial filling and start-up needs to be performed by an authorised specialist company. When so doing, a functional check and a leak test of the entire system including the parts pre-assembled at the factory must be carried out.
The safety valve must be checked for proper operation at regular intervals.

| Technical Data: | in | 200 litres |
|---|---|---|
| Rated capacity | litres | 200 |
| Height | mm | 1260 |
| Diameter | mm | 600 |
| Connections | | |
| Immersion heater inserts 1 ½'' FPT | qty. | 3 |
| Air vent | Z | 1'' FPT |
| Heating water flow line | HV | 1 ¼'' FPT |
| Heating water return | HR | 1 ¼'' FPT |
| Adjusting feet | qty. | 3 |
| Max. permissible operating temperature, heating water | °C | 95 |
| Max. permissible working pressure, heating water | bar | 3 |




*Appendix 1 :*
Dimensions of 200-litre buffer tank