



## buffer tank ABT 50

**Part no. 6805000**

**buffer tank**

### benefits

- 50 litres storage capacity
- space-saving, wall-mounted installation, versatile connection system
- integration of 2 heat generators possible
- mounting option for electric heating element
- optimum stratification thanks to heat conduction system



## Application

Buffer tank for hot or cold storage in sealed heating systems as per EN 12828. The buffer tank allows for the integration of up to two heat generators and an additional electric heating element. The connection to the heating circuit operates as a hydraulic separator and is designed for direct connection of the AFRISO boiler manifolds KSV or the pump assemblies PrimoTherm®. Operation with a heat pump ensures a sufficient volume flow and keeps the heat pump from intermittent operation due to a lack of system volume. In addition, the buffer tank ensures that there is sufficient heat capacity for defrosting the outdoor unit.

## Technical Specifications

### Storage capacity

50 l

### Connections

Heat generator/chiller: 4 x G1¼ IG

Heating/cooling circuit, boiler manifold: 2 x screw connection G1 female x G1½ union nut

Heating element: G1½ female

### Operating pressure

max. 3 bar

### Medium

Heating circuit water or water/glycol mixture (glycol max. 50 %)

### Operating temperature range

Medium: 5/90 °C

Ambient: 0/60 °C

### material

Storage tank: Sheet steel (4 mm)

Heat insulation: Polypropylene EPP

### Weight

30 kg

### Dimensions (W x H x D)

842 x 555 x 252 mm

### Length of heating element

max. 360 mm

### Energy class

(as per EU Regulation 812/2013)

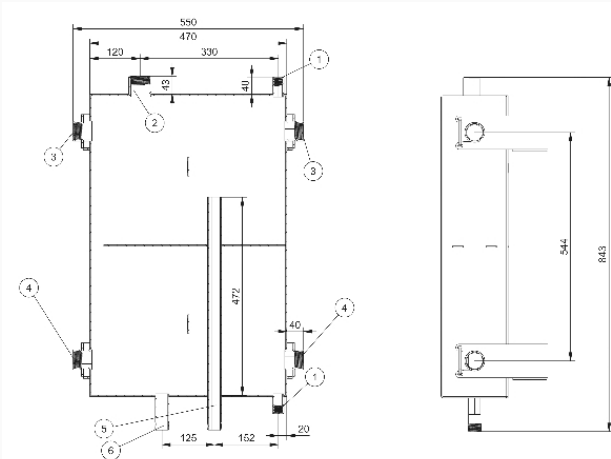
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**Heat losses**  
56.4 W

**Scope of delivery**

- 2 x screw connection G1 female x G1½ union nut for heating circuit
- 1 x closing plug G1½ for connection heating element
- 2 x closing plug G1¼ for thermal source connection
- 1 x closing plug G½ for quick air vent connection
- 1 x quick air vent with mounting valve R½
- 2 x wall mounting brackets
- Drilling template

**Technical Drawings**



**Dimensions (mm)**

connection G½  
connection for heating element G1½"  
flow heat generator G1¼  
return heat generator G1¼  
heating circuit flow 1"  
heating circuit return 1"

**Versions**

Part no.

buffer tank  
ABT 50



6805000

● in-stock items

● Non-stock items