

100-liter SS304 BT-100 buffer tank



Price: **1,272.00 PLN** gross

Reduction: **-20%**

Old price: **1,590.00 PLN**

1,272.00 PLN for szt.

Referention number: **TANK BUF BT-100**

Condition: **New**

Quantity: 0 pcs.

Information:

100-liter SS304 BT-100 buffer tank

SUS 304-2B steel



Product features

Surface mounting:	on the wall / hanging
Water tank:	stainless steel SUS 304 1.2mm
Cover of the tank:	painted galvanized steel
Equipment:	temperature sensor sleeve
Warranty period:	60 miesięcy
Tank capacity:	100 l.
Isolation	Polyurethane foam 42 kg/m3 with a thickness of 40 mm

Full product description

A small buffer for cooperation with e.g. heat pumps.

- For use in heating and cooling systems
- Enables the connection of multiple heat sources in the system

- Fluid-flow separator for heat pump systems (avoids cycling)
- Ensures proper evaporator defrosting (at temperatures close to 0°C, when humidity is highest), thus maintaining efficient heat exchange and stable pump operation.
- Option to install an electrical kit and temperature sensor
- Efficient polyurethane foam insulation
- Durable metal casing
- Easy installation - wall-mounted version

Two buffer tank models are available: **the BT version** with 180° connections, suitable for wall mounting, and the JPT version with 90° connections, designed for corner installation.

Small buffer tanks for heat pumps guarantee safe operation. Serving as a hydraulic separator, they ensure stable operation in heating and cooling systems, significantly extending the life of the heat pump and the entire system. They are used to increase the flow of heating medium through the heat pump heat exchanger and when a heating medium is required to defrost the evaporator in air-source heat pumps (via reverse circulation).

This product features high-quality workmanship, modern technologies, and excellent energy efficiency, ensuring reliability and longevity.

It can also be used for domestic hot water.

Basic technical data:

Type:

- A small-capacity vertical buffer made of high-quality SUS 304 stainless steel, ensuring corrosion resistance and long service life.

Energy efficiency:

- Advanced polyurethane foam insulation (40 mm) minimizes heat loss, allowing for long-term storage of hot water without significant energy losses.

Solid construction:

- The outer shell of the tank is made of 0.5 mm thick painted galvanized steel, protecting against mechanical damage and the effects of weather conditions.

Versatility:

- The outer shell of the tank is made of 0.5 mm thick painted galvanized steel, protecting against mechanical damage and the effects of weather conditions.
- An electric heater can be installed in one of the connections.
- The buffer has **connections placed at an angle of 180 degrees to each other, which allows the buffer to be mounted on the wall of the room.**

Technical data:

- **Inner tank:** SUS 304 2B stainless steel (thickness 1.2 mm, diameter Ø370 mm)
- **Outer tank:** Painted steel (thickness 0.5 mm, diameter Ø470 mm)
- **Insulation:** 42 kg/m³ polyurethane foam, 40 mm thick
- **Dimensions:** 1100 x 470 mm

Equipment:

- 1/2" sleeve