

## Buffer tank 200 liters SS316 JPT-200-1 C316



Price: **4,080.00 PLN** gross

**4,080.00 PLN** for szt.

Manufacturer: - **Pro Eco Solutions Ltd.**

Referention number: **TANK BUF JPT-200-1**

Condition:: **New**

Quantity: 11 pcs.

### Information:

200 liter buffer tank SS316 JPT-200-1 C316

#### Equipment:

- pressure and temperature relief valve
- magnesium anode

#### Version with one coil

## Product features

|                             |  |
|-----------------------------|--|
| Surface mounting:           | flat surface   |
| Water tank:                 | stainless steel SUS 316 316 1,5 mm                   |
| Heat exchanger in the tank: | 1 węzownica stal nierdzewna SUS 316 25mm             |
| Cover of the tank:          | painted galvanized steel                             |
| Equipment:                  | magnesium anode                                      |
| Equipment:                  | safety valve (pressure-thermal)                      |
| Warranty period:            | 60 miesięcy  |
| Tank capacity:              | 200 l.   |
| Number of coils             | 1  |
| Isolation                   | Polyurethane foam 42 kg/m3 with a thickness of 45 mm |

## Full product description

200-liter buffer tank with a coil, designed for efficient heat storage in single-family houses, multi-family buildings, and industrial and commercial facilities. The product is characterized by high-quality craftsmanship, modern technologies, and excellent energy efficiency, ensuring reliability and longevity. The built-in coil can be used both to heat the tank from an external heat source and to draw heat from the tank. An example is using the buffer to connect it to a heat pump and fill it with glycol, while heat is drawn via the coil for the domestic central heating system (e.g., a radiator or underfloor heating system – filled with water). This avoids the need for external heat exchangers (e.g., plate exchangers) and additional pumps. It can also be used for domestic hot water with a fresh water station.

**Basic technical data:**

**1. Type:** Vertical heat exchanger made of stainless steel with a single stainless steel spiral coil.

- Inner tank made of high-grade SUS 316 stainless steel, ensuring corrosion resistance and a long lifespan.
- One coil made of SUS 316 stainless steel with a diameter of 25 mm - ensures durability and efficient water heating.

**Energy efficiency:**

- Advanced polyurethane foam insulation (45 mm) minimizes heat loss, allowing for long-term storage of hot water without significant energy loss.

**Solid construction:**

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

**Corrosion protection:**

- The tank is equipped with a magnesium anode, which effectively protects against corrosion and extends its lifespan.

**Versatility:**

- Possibility to connect various heat sources thanks to a large-diameter, high-efficiency coil. The tank also has a space for an electric heater.
- 6 inputs and outputs 1.5"

**Technical data:**

- **Inner tank:** SUS 316 stainless steel (thickness 1.5 mm, diameter Ø450 mm)
- **Outer tank:** Painted steel (thickness 0.5 mm, diameter Ø540 mm)
- **Insulation:** 42 kg/m3 polyurethane foam with a thickness of 45 mm
- **Dimensions:** 54 x 141 cm + 7 cm feet
- **Overall package dimensions:**

**Coil parameters:**

- **Material:** SUS 316 stainless steel
- **Diameter:** 25 mm
- **Thickness:** 1 mm
- **Length:** 32 m
- **Coil surface area:** 2.5 m²

**Equipment:**

- pressure and temperature relief valve
- magnesium anode

## Related products

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57.00 PLN