

AURATON

BUFFER TANKS

OPTIMUM PUMP OPERATION ALL YEAR ROUND

AURATON buffer tanks are an essential addition to a heat pump installation. Filling the tank with water or a mixture of water and glycol ensures that the pump will not freeze at low temperatures. In addition, the buffer prevents from too frequent on/off cycles of the heat pump what results in a longer lifetime of the devices.



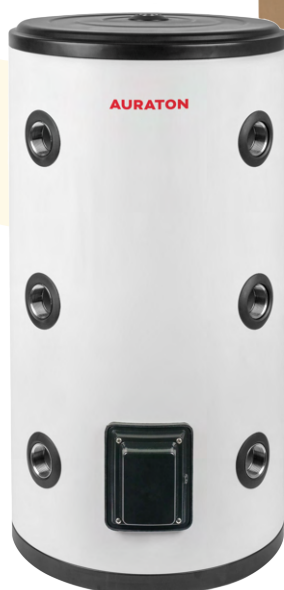
HIGH QUALITY

- made from high quality **stainless steel**
- the **polyurethane foam** insulation is additionally protected by a lacquered steel sheet
- **metal bracket** that allows the tank to be hung on the
- **two universal capacities** available



TAILORED TO ANY PROJECT

- **Gw 6/4"**-inlet and 3 Gw 6/4"-outlet to connect the three circuits and form a hydraulic coupling from the tank
- **Gw 3/411** connection at the top of the tank for mounting a vent valve
- **Gw 5/411** connection for optional electric heater sealed with a brass plug and protected by a plastic cover for installation safety and installer convenience



100 L



50 L



AURATON

FOR SMARTER LIVING

AURATON

BUFFER TANKS



HOW DOES IT WORK?

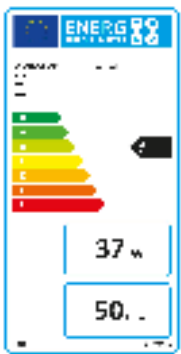
- the tanks are accumulators of thermal energy in central heating circuits
- the heat is transferred from the tank to the single, double and/or hot water heat
- there could be any heat source: boiler, solar system, heat pump

Select the heat pump
AURATON TIVANO (split)
AURATON MONTIVI (monoblok)



Available power
8 kW
12 kW
16 kW

| Parametry techniczne | 50L | 100L |
|---|----------------------------|----------------------------|
| Width of pack (cm) | 52 | 52 |
| Packing depth (cm) | 53 | 53 |
| Packing height (cm) | 69 | 119 |
| Gross weight (kg) | 18,6 | 28,2 |
| Net dimensions height/width/depth (mm) | 630/ 470/ 500 | 1130/ 470/ 500 |
| Capacity [l] | 50L | 100L |
| Net weight [kg]: | 16,7 | 25,3 |
| Maximum permissible temperature [°C] | 90 °C | 90 °C |
| Minimum permissible temperature [°C] | 20 °C | 20 °C |
| Maximum permissible pressure [bar] | 6BAR | 6BAR |
| Water connection height h1 [mm] | 175 | 175 |
| Water connection height h2 [mm] | 315 | 565 |
| Water connection height h3 [mm] | 455 | 955 |
| Tank diameter (without insulation) [0 mm] | 365 | 365 |
| Tank diameter (with insulation) [0 mm] | 470 | 470 |
| Insulation type | polyurethane foam | polyurethane foam |
| Insulation thickness | 50 mm | 50 mm |
| Tank and connection material | stainless steel AISI 304 | stainless steel AISI 304 |
| External casing material | galvanised steel varnished | galvanised steel varnished |



***APPLIES
TO TANKS
50L & 100L**

100 L

50 L

