

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.



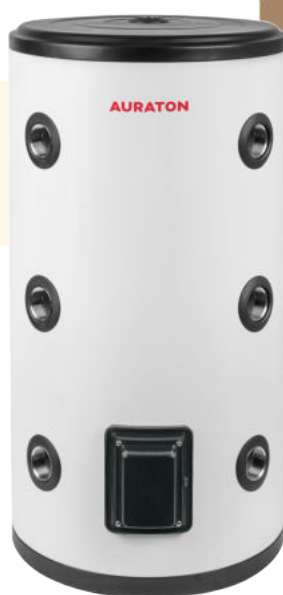
HIGH QUALITY

- 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

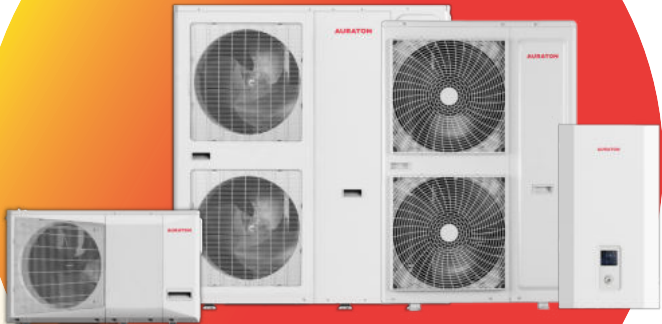
BUFFER TANKS



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



***THIS APPLIES TO TANKS 50L I 100L**

100 L

50 L

