

## HW series

### BUFFER TANKS FOR HEATING & COOLING APPLICATIONS WITH HEAT PUMPS

#### Buffer tank designed for hydraulic modules

**BRV ModvlvS HW buffer tank is designed for cooling applications.** In installations with heat pumps it acts as a hydraulic interface and performs the storage function. It allows to limit the number of starts and stops of the heat pump outdoor unit.

**BRV ModvlvS HW buffer tank is designed for the installation of two BRV ModvlvS pump units.** It can be installed horizontally, to allow quick connection of the primary loop to the heat pump and of the secondary loop to the final user, such as fan convectors or radiant panels, by means of hydraulic modules.

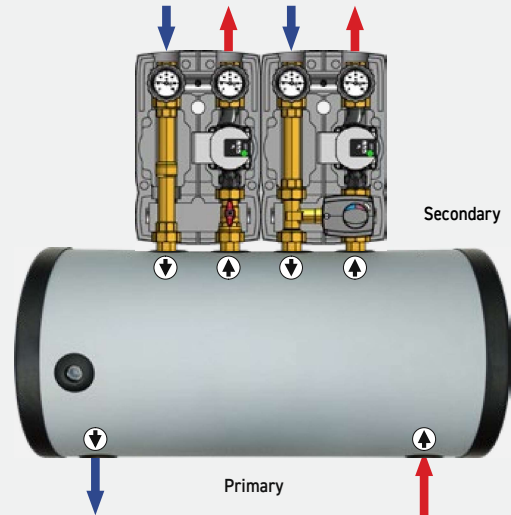
**If necessary, the buffer tank can also be installed vertically, as a more frequent case.** With this type of installation, a distribution header must be mounted on the secondary side, if two or more zones are to be managed by means of hydraulic modules. It will be therefore necessary to plug the two unused connections.

The vertical installation of the buffer tank is more complex in terms of pipes and requires the use of a distribution header.

This therefore implies installation costs and a greater number of connections, compared to horizontal installation.

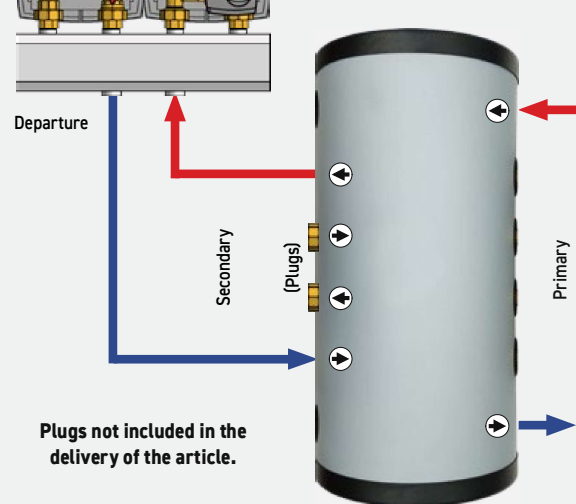
Code for 25 L model, suitable for DN20 pump units: **HWDN20/90-25**  
Code for 50 L model, suitable for DN25 pump units: **HWDN25/125-50**

Schematics:  
buffer tank installed horizontally



For heating & cooling applications with heat pumps

Schematics:  
buffer tank installed vertically



Plugs not included in the delivery of the article.

Code	Primary connection	Secondary connection	Pump unit / center distance	Capacity	Working pressure	Max. working temperature	Min. working temperature	Pressure test
HWDN20/90-25	G 1" F	G 3/4" F	DN20 - 90 mm	25 L	6 bar	90°C	-10°C	9 bar
HWDN25/125-50	G 1 1/4" F	G 1" F	DN25 - 125 mm	50 L	6 bar	90°C	-10°C	9 bar