Installation and user guide Accumulator tanks WT-V



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Installation

The accumulator tank should stand on a solid surface and be leveled with assistance from the setscrews underneath the tank. The tank models that come without setscrews can be leveled with assistance of a shim. This must be done before the tank is connected to the pipes and filled with water. Connections not in use must be plugged appropriately. During water filling, condensed water may emerge on the outside of the tank. This will result in water underneath the tank, on the floor. This will cease when the tank is heated. There must be a floor drain in the same room.

Commissioning

Start by filling the tank, then pressurize it. Continue to fill the radiator system (the enclosed water). The working pressure may not exceed 3 bar (gauge), a safety valve with a releasing pressure of 3 bar must always be installed.

Maintenance

Check the safety valve annually by manually opening and closing the valve handle and making sure that water is released. Check annually all connections for eventual leakage (also peripheral installations, i.e. a heat pump, etc).

Electrical Installation

- The electrical installation must be performed by an authorised installer and follow applicable norms and regulations.
- When selecting electrical equipment, it must be selected with approved materials and enclosure class.

Disassembling the product

When disassembling the product, applicable laws and regulations must be observed. Contact your installer for more information.

Technical data

WT-V	100	200	300	500	750	1000
Storage volume V	102 litres	204 litres	293 litres	473 litres	721 litres	971 litres
Test pressure	4,3 bar					
Working pressure	3 bar					
Max. temperature	100 °C					
Weight	40 kg 68 kg 91 kg 113 kg 120 kg 165 kg					
Standing loss S	60 W 68 W 78 W 101 W 127 W 130 W					
Energy efficiency class	c					

Dimensions

WT-V	100	200	300	500	750	1000
Height (mm)	1558	1153	1564	1754	1809	1913
Dimensions (mm)	ø380	601 x 600	635 x 600	726 x 756	ø960	ø1090

Connection WT-V 100

- 1 Venting, (1/8" int.)
- 2 Connections (DN25) (x4) int.
- 3 Sensor connection, ø9 int
- 4 Drain tap, DN15 int.



Technical data

WT-V	100
Storage volume V	102 litres
Test pressure	4,3 bar
Working pressure	3 bar
Max. temperature	100 °C
Weight	40 kg
Standing loss S	60 W
Energy efficiency class	С

Dimensions

WT-V	100
Height (mm)	1558
Diameter (ømm)	380

Required ceiling height for tilting: min. 1595 mm

Connection WT-V 200

- 1 Expansion/Venting, DN25 int.
- 2 Connections (4x), DN32 int.
- 3 Temperature sensor (2x)
- 4 Drainage valve, DN15
- 5 Temperature sensor pipe, ø7 int.
- 6 Diffuser
- 7 Connection DN50



Technical data

WT-V	200
Storage volume V	204 litres
Test pressure	4,3 bar
Working pressure	3 bar
Max. temperature	100 °C
Weight	68 kg
Standing loss S	68 W
Energy efficiency class	С

Dimensions

WT-V	200
Height (mm)	1153
Dimensions (mm)	601 x 600

Required ceiling height for tilting: min. 1280mm



Connection WT-V 300

- 1 Expansion/Venting, DN25
- 2 Connections (4x), DN32
- 3 Temperature sensor conn. DN20
- 4 Drainage valve , DN15
- 5 Temperature sensor pipe (5x), ø7 int.
- 6 Immersion heater conn. DN50
- 7 Diffuser, DN32
- 8 Temperature sensor (2x)



Technical data

WT-V	300
Storage volume V	293 litres
Test pressure	4,3 bar
Working pressure	3 bar
Max. temperature	100 °C
Weight	91 kg
Standing loss S	78 W
Energy efficiency class	С

Dimensions

WT-V	300
Height (mm)	1564
Dimensions (mm)	635 x 600



Required ceiling height for tilting: min. 1665mm

Connection WT-V 500		
1 Expansion/Venting, DN25 ext.		
2 Connections (6x), DN50 int.		
3 Temperature sensor conn. DN20		
4 Immersion heater conn. DN50 int.		



Technical data

WT-V	500
Storage volume V	473 litres
Test pressure	4,3 bar
Working pressure	3 bar
Max. temperature	100 °C
Weight	113 kg
Standing loss S	101 W
Energy efficiency class	С

Dimensions

WT-V	500
Height (mm)	1754
Dimensions (mm)	726 x 756

Required ceiling height for tilting: min. 1850mm



- 1 Expansion/Venting, DN32 ext.
- 2 Connections (4x), DN50
- 3 Temperature sensor conn. DN20
- 4 Immersion heater conn. DN50 int.
- 5 Drain tap/Expansion, DN20



Technical data

WT-V	750
Storage volume V	721 litres
Test pressure	4,3 bar
Working pressure	3 bar
Max. temperature	100 °C
Weight	120 kg
Standing loss S	127 W
Energy efficiency class	С

Dimensions

WT-V	750
Height (mm)	1809
Diameter (ømm)	960

Required ceiling height for tilting: min. 2005mm







Technical data

WT-V	1000
Storage volume V	971 litres
Test pressure	4,3 bar
Working pressure	3 bar
Max. temperature	100 °C
Weight	165 kg
Standing loss S	130 W
Energy efficiency class	С

Dimensions

WT-V	1000
Height (mm)	1913
Diameter (ømm)	1090

Required ceiling height for tilting: min. 2125mm

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