

# Thermia KB KBE



## Accumulators for efficient hot-water production in large houses and properties.

**Thermia KB** and **Thermia KBE** are two reliable hot-water accumulators that store hot tap water once it has been heated using a separate heat exchanger.

The accumulators are designed to run with an external heat source and heat exchanger. The heat source can be a heat pump, boiler or immersion heater. All heating uses a heat exchanger, providing high efficiency and short heating times.

Thermia KB and Thermia KBE are identical, although the KBE version can be supplied complete with a connection for immersion heaters.

Thermia KB and Thermia KBE are available in sizes from 220 to 1000 litres. When large quantities of hot water are required, several heaters can be connected in series to produce the volume required.

KB



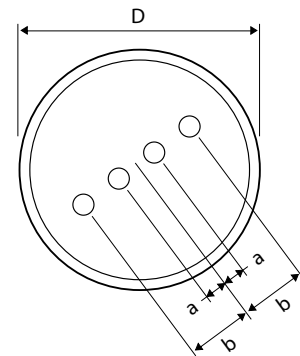
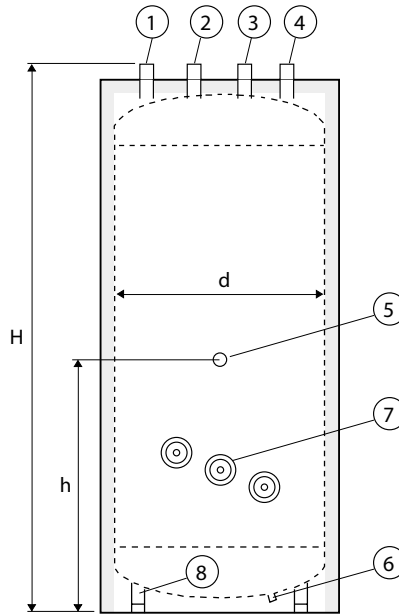
KBE



# Technical data KB KBE

## Connection KB

- 1 Coldwater connection, copper pipe
- 2 Hot water connection, copper pipe
- 3 Hot water c connection, copper pipe
- 4 Rev. valve connection, Cu-pipe
- 5 Sensor connection – connection DN15 (R1/2") int. thread
- 6 Draining – connection DN15 (R1/2") int. thread
- 8 Adjustable feet, 3 pcs



## Connection KBE

- 1 Coldwater connection, copper pipe
- 2 Hot water connection, copper pipe
- 3 Hot water c connection, copper pipe
- 4 Rev. valve connection, Cu-pipe
- 5 Sensor connection – connection DN15 (R1/2") int. thread
- 6 Draining – connection DN15 (R1/2") int. thread
- 7 Electric heating element connection DN50 (R2")
- 8 Adjustable feet, 3 pcs

KB	220	500	700	1000
Volume hot water accumulator	220 litres	500 litres	700 litres	1000 litres
Diameter	590 mm	740 mm	840 mm	940 mm
Connection cold water	28 mm	42 mm	42 mm	54 mm
Connection hot water	28 mm	42 mm	42 mm	54 mm
Connection hot water c	–	28 mm	28 mm	35 mm
Connection Rev. valve	–	35 mm	35 mm	42 mm
Rated pressure	10 bar			
Test pressure	13 bar			
Working pressure	9 bar			
Rated temperature	100°C			
Weight	85 kg	156 kg	197 kg	275 kg
KBE	220	500	700	1000
Volume hot water accumulator	220 litres	500 litres	700 litres	1000 litres
Diameter	590 mm	740 mm	840 mm	940 mm
Connection cold water	28 mm	42 mm	42 mm	54 mm
Connection hot water	28 mm	42 mm	42 mm	54 mm
Connection hot water c	–	28 mm	28 mm	35 mm
Connection Rev. valve	–	35 mm	35 mm	42 mm
Auxiliary heater max output	9 kW	9 kW	2x9 kW	3x9 kW
Auxiliary heater max length	490 mm	640 mm	740 mm	840 mm
Number of connections	1	1	2	3
Rated pressure	10 bar			
Test pressure	13 bar			
Working pressure	9 bar			
Rated temperature	100°C			
Weight	85 kg	156 kg	197 kg	275 kg

## Dimensions

KB	220	500	700	1000
H (mm)	1150	1790	1885	2175
d (mm)	500	650	750	850
h (mm)	535	690	740	810
a (mm)	–	70	80	90
b (mm)	140	210	240	270
KBE	220	500	700	1000
H (mm)	1150	1790	1885	2175
d (mm)	500	650	750	850
h (mm)	535	690	740	810
a (mm)	–	70	80	90
b (mm)	140	210	240	270

