



# Thermia MBH



MBH 200



## An extremely reliable hot water heater

The Thermia MBH is an extremely reliable water heater designed to work with Thermia heat pumps.

The water heater uses Thermia's TWS (Tap Water Stratification) technology, which is designed to optimise heat transfer and enable better "layering" of the water than traditional technology. This means the water is heated quickly and efficiently, and the hot water lasts longer when using large amounts.

The water heater is available in two sizes, 200 litres and 300 litres, and has a high-quality stainless-steel tank which means no anode is required in the tank. The MBH is available in different variants to suit each Thermia heat pump.

MBH 300



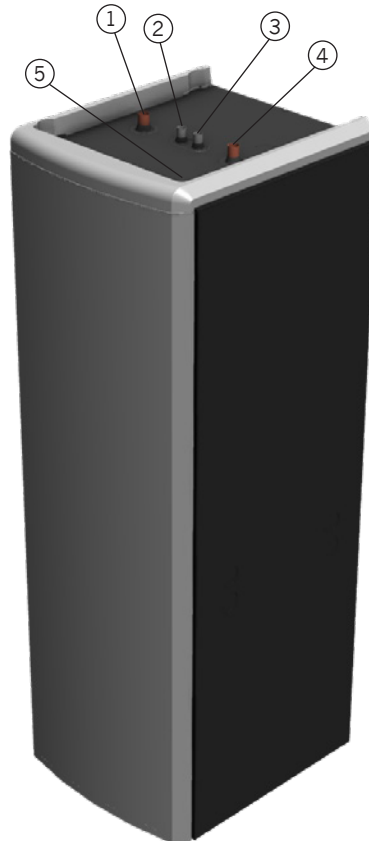
# Technical data MBH

## Connection

- 1 Return to heat pump  $\varnothing$  22/28 mm
- 2 Hot water  $\varnothing$  22 mm
- 3 Cold water  $\varnothing$  22 mm
- 4 Heat inlet (from heat pump)  $\varnothing$  22/28 mm
- 5 Lead-in for incoming sensors and cable



MBH 200



MBH 300

The pictures show the model adapted to Atlas & Athena. Calibra has the appropriate colouring, Legend is white.

MBH	200	300
<b>Storage volume V, l</b>	172	280
<b>Total volume, l</b>	184	296
<b>Domestic hot water</b> rated pressure / test pressure, bar	10 / 14.3	10 / 14.3
<b>Coil water</b> rated pressure / test pressure, bar	3 / 4.3	3 / 4.3
<b>Weight, empty kg</b>	85	105
<b>Weight, filled, kg</b>	270	405
<b>Standing loss S<sup>1</sup>, W</b>	59	92
<b>Energy efficiency class</b>	C	C
<b>Dimensions (mm) (WxDxH)</b>		
MBH Atlas (Athena/Calibra/Legend)	598x703x1450	598x703x1863
<b>Sensor type</b>		
Atlas, (Athena) & Calibra	PT1000	PT1000
Legend (applies also to iTec and Diplomat Optimum series, aftermarket)	NTC 22k	NTC 22k

1) According to EN 12897:2016