



# Thermia WT-T



WT-T 300



WT-T 500



## A corrosion-proof water heater using highly advanced technology

**The Thermia WT-T** is a water heater that uses Thermia's highly advanced TWS\* (Tap Water Stratification) technology. TWS 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 made from stainless steel which means it is corrosion-proof, with no sacrificial anode required in the tank. The WT-T cylinder also works perfectly with the hot gas technology available in Thermia commercial heat pumps.

The Thermia WT-T has a socket for the electric heating element and hot water circulation. This is a useful closure device in building solutions as it ensures that the temperature of running hot tap water is correct.

The Thermia WT-T is available in 300 and 500 litre sizes and can be cascade-connected if demand is high. In other words, they can be used with heat pumps in family homes and also in larger systems in buildings.

*\* TWS (Tap Water Stratification), our patented technology developed to ensure that stored heat is always used optimally*

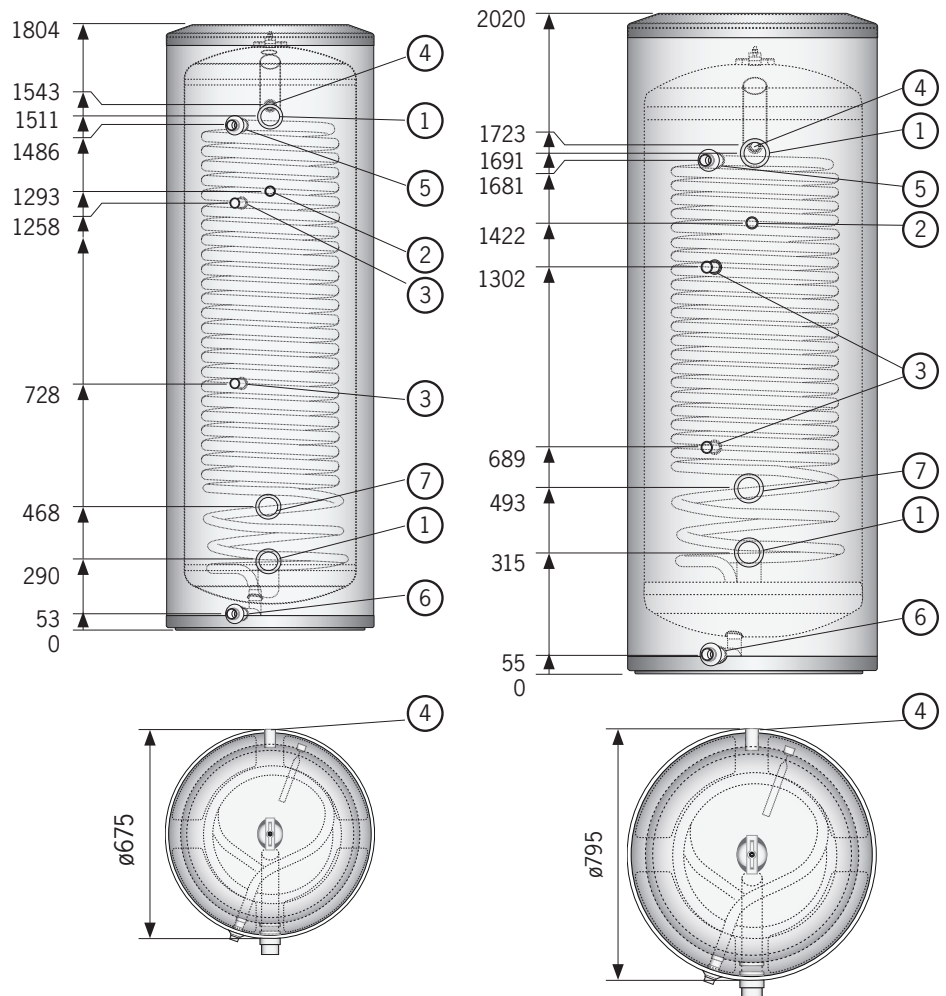
**B**

Energy efficiency class for water heater

# Technical data WT-T 300 WT-T 500

## Connections

- 1 Connections (2x), DN50 int.
- 2 Circulation, DN25 int.
- 3 Temperature sensor conn. DN15 int.
- 4 Temperature sensor conn. DN15 int (located on the "backside")
- 5 Coil supply, DN25 int.
- 6 Coil return, DN25 int.
- 7 Immersion heater conn. DN50 int.



WT-T 300	
Corrosion protection	stainless
Storage volume V (litres)	281,1
Water storage volume, coil (litres)	18
Length, coil (m)	30
Heating surface, coil (m <sup>2</sup> )	2,9
Working pressure (bar)	10
Test pressure (bar)	14,3
Max. pressure, coil (bar)	10
Max. temperature (°C)	100
Immersion heater, max. output (kW)	6
Max. immersion heater length (mm)	460
Standing loss S <sup>1</sup>	65,5
Energy efficiency class	B
Height (mm)	1804
Width (mm)	675
Depth (mm)	675
Weight (kg)	69

1) According to EN 12897:2016

Required ceiling height for tilting: min. 1950 mm

WT-T 500	
Corrosion protection	stainless
Storage volume V (litres)	460,9
Water storage volume, coil (litres)	24
Length, coil (m)	39
Heating surface, coil (m <sup>2</sup> )	3,7
Working pressure (bar)	10
Test pressure (bar)	14,3
Max. pressure, coil (bar)	10
Max. temperature (°C)	100
Immersion heater, max. output (kW)	9
Max. immersion heater length (mm)	570
Standing loss S <sup>1</sup>	79,1
Energy efficiency class	B
Height (mm)	2020
Width (mm)	795
Depth (mm)	795
Weight (kg)	93

1) According to EN 12897:2016

Required ceiling height for tilting: min. 2200 mm