



Thermia WT-C



WT-C 500



Coil heaters for effective heating of tap water

Thermia WT-C is a coil water heater which provides effective heating of tap water. It is available in 500 and 750 litre sizes and can be cascade-connected where there is high demand for hot tap water.

Tap water is heated using cam flange coils via direct exchange with the radiator water. WT-C 500 contains four coils, WT-C 750 six (each coil measures 12 metres in length).

WT-C 500 and WT-C 750 are able to supply the water required for up to 10 apartments and 15 apartments respectively.

WT-C 750



C

Energy efficiency class for water heater

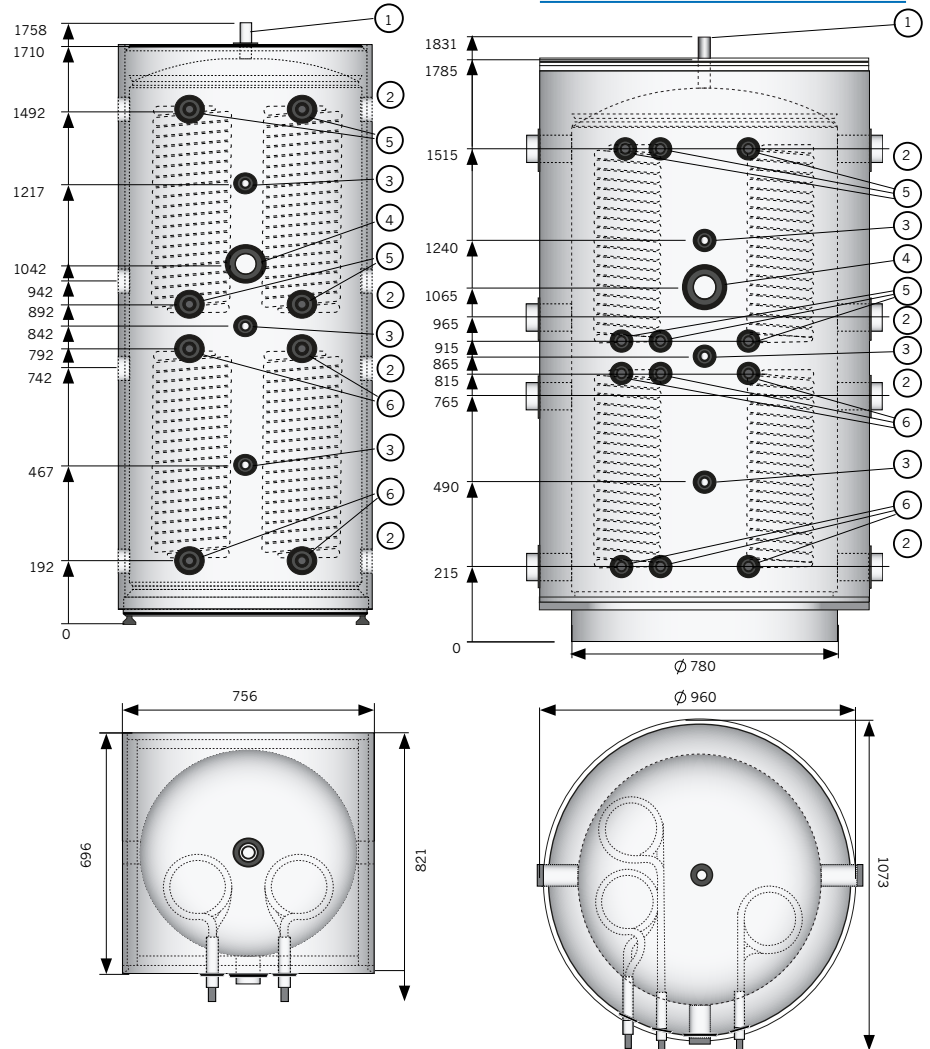
Technical data WT-C 500 WT-C 750

Connections WT-C 500

- 1 Expansion/Venting, DN25 ext.
- 2 Connections (8x), DN50 int.
- 3 Temperature sensor conn. DN20 int.
- 4 Immersion heater conn. DN50 int.
- 5 Hot water coil (2x12m), Ø22
- 6 Preheat coil/Hot water coil (2x12m), Ø22

Connections WT-C 750

- 1 Expansion/Venting, DN25 ext.
- 2 Connections (8x), DN50 int.
- 3 Temperature sensor conn. DN20 int.
- 4 Immersion heater conn. DN50 int.
- 5 Hot water coil (3x12m), Ø22
- 6 Preheat coil/Hot water coil (3x12m), Ø22



WT-C 500	
Corrosion protection, coil	copper
Storage volume V (litres)	472
Volume, coil (litres)	4 x 3,5
Length, coil (m)	4 x 12
Working pressure (bar)	3
Test pressure (bar)	4,3
Max. pressure, coil (bar)	10
Max. temperature (°C)	100
Immersion heater, max. output (kW)	9
Max. immersion heater length (mm)	670
Standing loss S ¹	86
Energy efficiency class	C
Height (mm)	1758
Width (mm)	695
Depth (mm)	821
Weight (kg)	161

1) According to EN 12897:2016
Required ceiling height for tilting: min. 1850 mm

WT-C 750	
Corrosion protection, coil	copper
Storage volume V (litres)	737
Volume, coil (litres)	6 x 3,5
Length, coil (m)	6 x 12
Working pressure (bar)	3
Test pressure (bar)	4,3
Max. pressure, coil (bar)	10
Max. temperature (°C)	100
Immersion heater, max. output (kW)	2 x 9
Max. immersion heater length (mm)	850
Standing loss S ¹	126,8
Energy efficiency class	C
Height (mm)	1831
Width (mm)	960
Depth (mm)	1073
Weight (kg)	191

1) According to EN 12897:2016
Required ceiling height for tilting: min. 2085 mm