



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

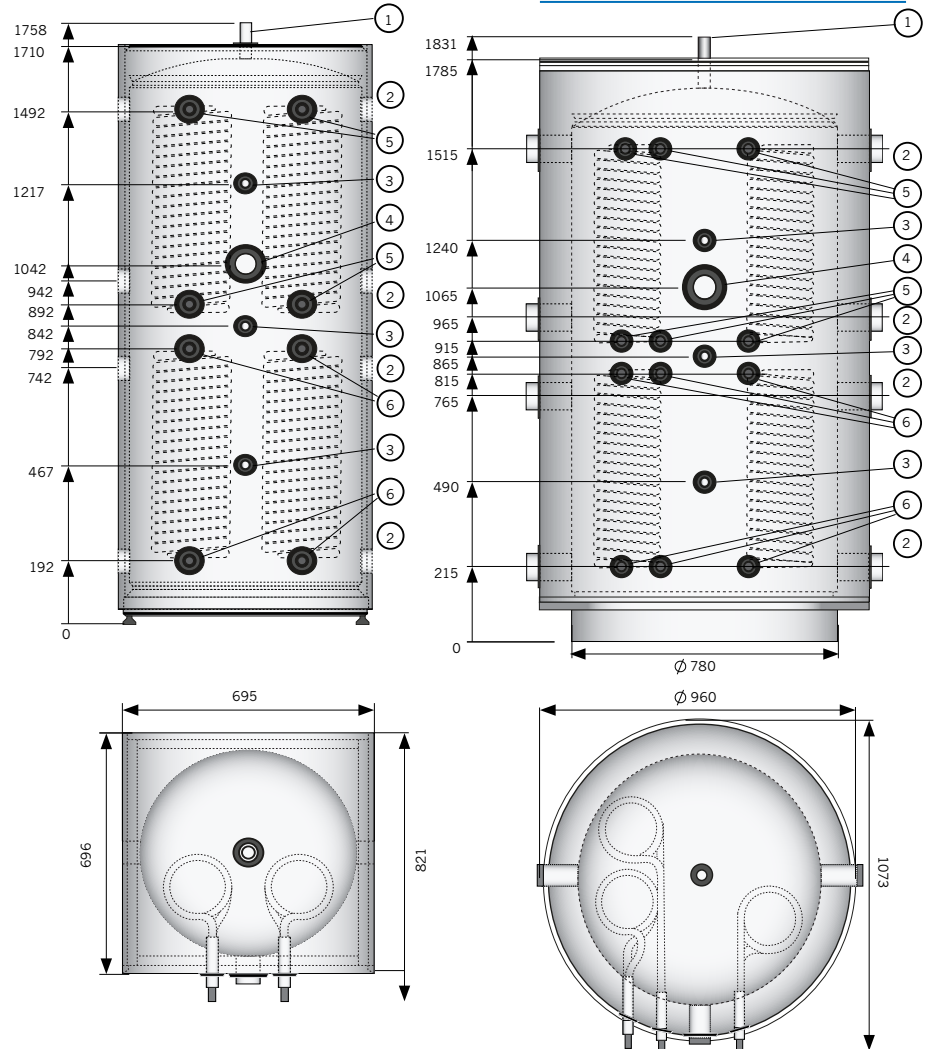
Technical data WT-C 500 WT-C 750

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) | 486,0 |
| 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 | 85,6 |
| 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