

CWT 300-5000 Chilled Water Tanks

Vessels for Central Heating and Cooling Systems



The Advenco CWT range of carbon steel primary system vessels has been carefully designed to serve a wide range of central heating and chiller applications that require an inertia tank or energy storage vessel.

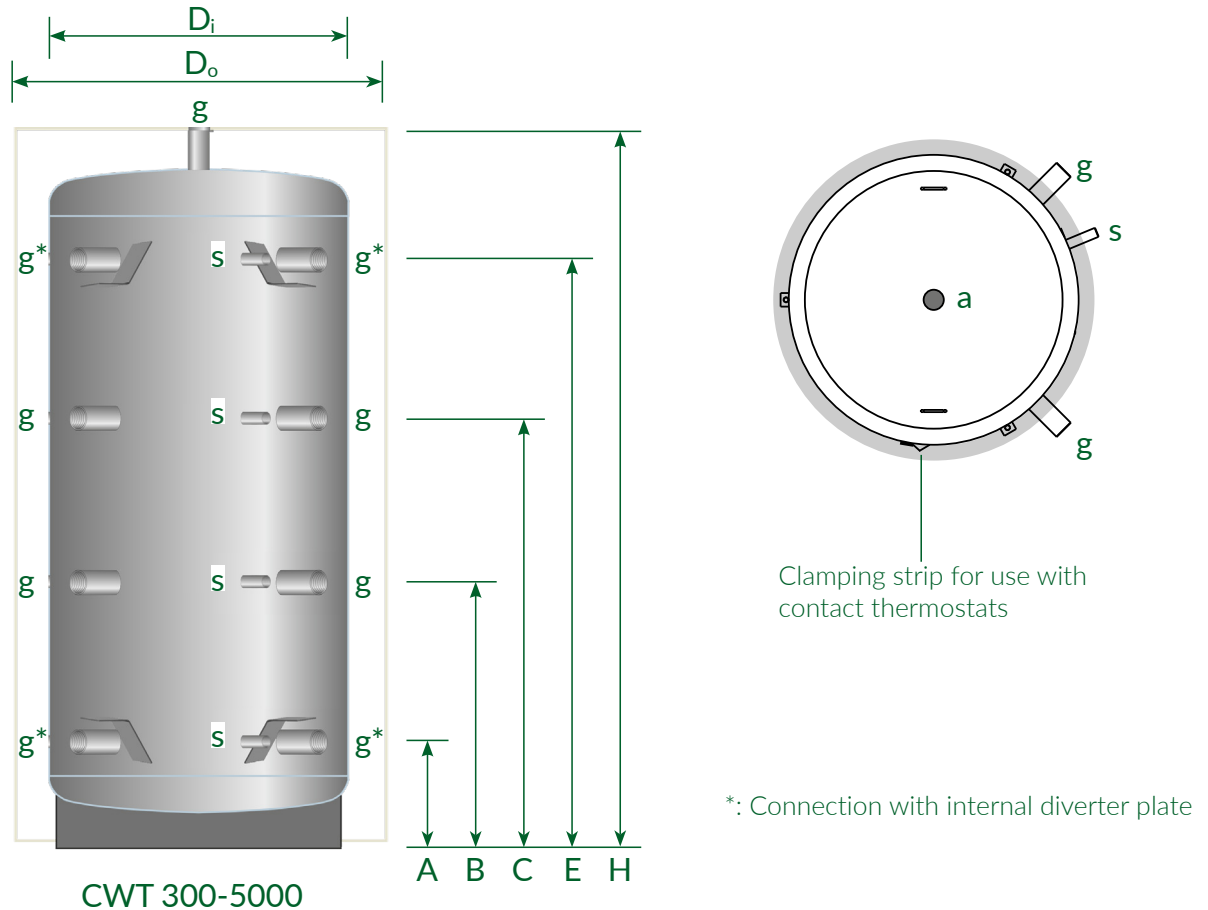
The range comes as standard with high and low level flow and return connections on each side of the tank, and have additional connections in the middle to cater for systems featuring multiple heat or chiller sources, low and high grade sources, or varying flow and return temperatures.

The CWT range is suitable for use with working pressures up to 3 bar and temperatures from -10 to 95°C

STANDARD FEATURES

- Vertical orientation
- High quality carbon steel construction
- Multiple high, middle, and low level connections
- Standard working pressure of 3 bar
- Supplied with 25mm insulation with vapour barrier
- Available ancillaries include control and overheat thermostats, automatic air vents, and gauges.





Connections:

Port	Purpose	CWT 300-3	CWT 500-3	CWT 750-3	CWT 1000-3	CWT 1500-3	CWT 2000-3	CWT 3000-3	CWT 4000-3	CWT 5000-3
g (x9)	Connections	1.5"	1.5"	1.5"	1.5"	1.5"	1.5"	2.0"	2.0"	2.5"
s (x4)	Sensor connections	½"	½"	½"	½"	½"	½"	½"	½"	½"

Dimensions:

H	Total height	1805	1600	1690	2100	2050	2140	2660	2765	2815
Do	Outer diameter with insulation	550	700	840	840	1050	1250	1300	1450	1650
Di	Inner diameter without insulation	500	650	790	790	1000	1200	1250	1400	1600
A	Connections	200	230	320	320	320	365	380	445	475
B	Connections	670	610	670	800	785	830	1010	1075	1090
C	Connections	1115	995	1015	1290	1255	1300	1635	1690	1705
E	Connections	1585	1375	1365	1770	1720	1765	2265	2320	2320

Specifications:

Storage volume (l)		325	465	727	920	1426	2122	2960	3820	5022
Working temperature range (°C)		-10 to 100	-10 to 100	-10 to 100	-10 to 100	-10 to 100	-10 to 100	-10 to 100	-10 to 100	-10 to 100
Max. working pressure (bar)		3	3	3	3	3	3	3	3	3
Dry mass (kg) (insulated)		65	85	110	130	200	285	345	410	480

Test pressures equal to 1.5 times rated working pressure. Connection sizes given in inches BSP female. Dimensions given in millimetres.