

DHW STORAGE TANKS

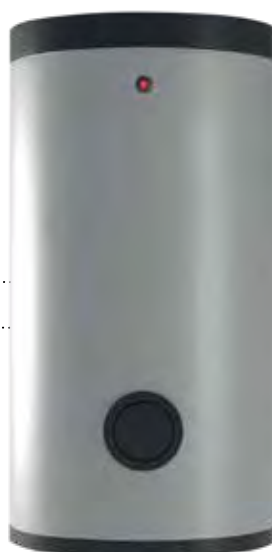
Tanks for storage of domestic hot water

MULTIWARM offers a complete range of fixed coil tanks for the production of domestic hot water.

The Polywarm coated steel structure and the included magnesium anode, proportionate to the volume to be protected, ensure high protection against corrosion.

In the 200, 300 and 500 litre models the insulation, which is not removable, is made of expanded polyurethane (50 mm thick).

All tanks are externally coated in flexible PVC, which ensures excellent insulation, reducing heat loss to a minimum.



WT-XL-DW1-200 C-1
WT-XL-DW1-300 C-1
WT-XL-DW1-500 C-1

Model			WT-XL-DW1-200 C-1	WT-XL-DW1-300 C-1	WT-XL-DW1-500 C-1
Net storage volume		liters	189	291	498
Storage material		-	Polywarm-coated steel		
Heating element power (optional)		kW	1.50		
Exchanger surface		m ²	2.00	3.40	5.40
Insulation thickness		mm	50		
Maximum water temperature		°C	90		
Dimensions	Diameter	mm	550	650	750
	Height	mm	1440	1500	1800
Net weight		kg	96	130	174
Connections	Domestic water inlet	inch	3/4"	1"	1"
	Domestic hot water outlet	inch	1"1/4	1"1/4	1"1/4
	Recirculation	inch	3/4"	1"	1"
	Drain	inch	1"1/4	1"1/4	1"1/4
Energy efficiency class *			B	B	C

* ERP ready 2017 (EU regulation n.814/2013).

STORAGE		EXCHANGER	
Maximum pressure	Maximum temperature	Maximum pressure	Maximum temperature
10 bar	90° C	12 bar	110° C

TANK FEATURES

➤ USE

Production and storage of domestic hot water (DHW).
All hydraulic connections on the back, front connections and flange are aligned for quick and easy installation.

➤ MATERIALS AND FINISHES

Steel coated in Polywarm® (ACS - SSICA - EN 16421 certifications) suitable for drinking water pursuant to Ministerial Decree no. 174 of 06.04.04.

➤ HEAT EXCHANGER

Fixed heat exchanger in steel coated in Polywarm®

➤ RIGID INSULATION

Highly insulating expanded polyurethane.

➤ CATHODIC PROTECTION

Magnesium anode.

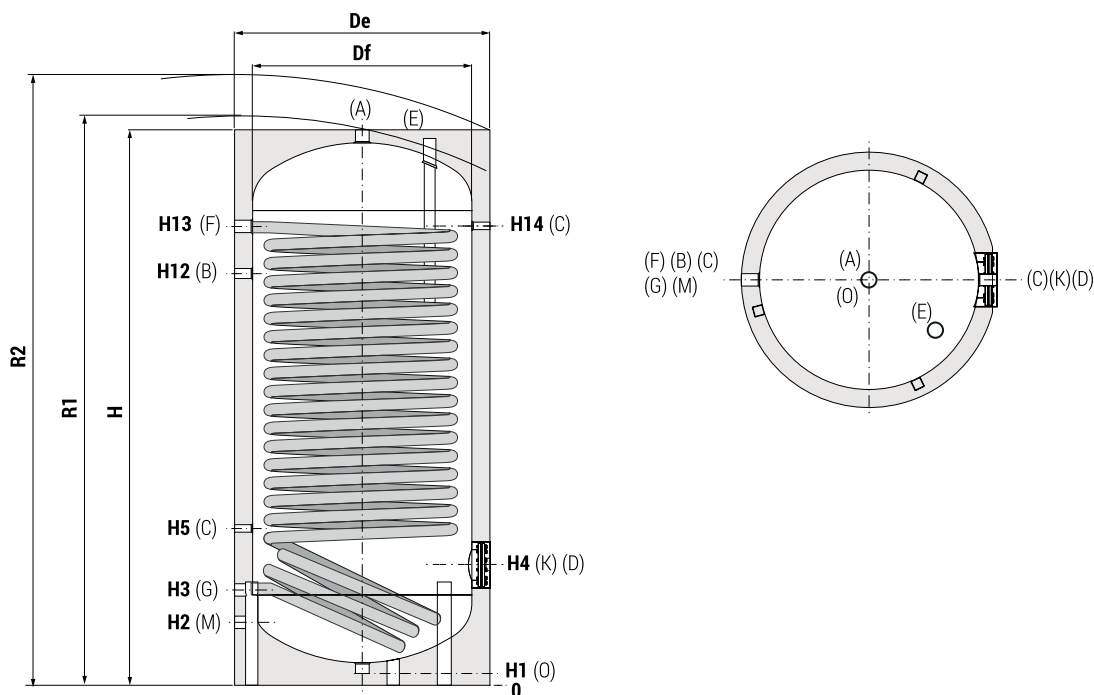
➤ DRAIN

Drain through sleeve at the bottom.

➤ COUNTERFLANGE - GASKETS

Gaskets in food-grade silicone rubber (Ministerial Decree no. 174 of 2004); operating resistance up to 200° C.

Carbon steel head with Polywarm® treatment and provision for electrical resistance.



TANK DIAGRAMS AND DIMENSIONS

Model	Volume [lt]	Weight [Kg]	Df	H	De	R2	H1	H2	H3	H4	H5	H12	H13	H14	K	M	B	A	D
[mm]																Gas Connections F (inch)			
200	188.8	96	//	1440	550	1560	71	215	285	325	405	1055	1190	1190	Ø1120/Øe180	3/4"	3/4"	1" 1/4"	1" 1/2"
300	290.5	130	//	1500	650	1650	71	241	321	381	431	1091	1211	1211	Ø1120/Øe180	1"	1"	1" 1/4"	1" 1/2"
500	497.4	174	//	1800	750	1960	71	266	346	411	466	1326	1486	1486	Ø1120/Øe180	1"	1"	1" 1/4"	1" 1/2"

CONNECTIONS

A	Domestic hot water outlet	G	Primary circuit outlet 1" 1/4" Gas F
B	Recirculation connection	K	Inspection flange
C	Connection for instrumentation 1/2" Gas F	M	Domestic water inlet
D	Connection for electrical integration	N	Connection for instrumentation 1/2" Gas F
E	Connection for magnesium anode 1" 1/4" Gas F	O	Drain 1" 1/4" Gas F
F	Primary circuit inlet 1" 1/4" Gas F		

OPTIONAL ACCESSORIES

- 1.5 Kw integrative electric resistance (WT-EH-15-C).
- Titanium anode for 200 and 300-liter tanks (WT-AT-2-4-C).
- Titanium anode for 500-liter tanks (WT-AT-5-C).

NOTE: Third-party accessories can also be used.