

R0BC 400 Hot Water Storage Tank

	Main Features	
	Application	Hot Water Storage Tank with no inner heat exchangers is intended for DHW heating. Up to 2 heat sources can be connected via external heat exchangers. It comes fitted with detachable insulation and a magnesium anode rod that protects its inner surface from corrosion. As an option, an electronic anode rod can be installed instead of the magnesium one, for the codes see the Accessories table. If desired, an electric heating element can be installed into the hot water tank.
	Working fluid	water
	Code	10587

Energy Efficiency Data (as per EC Regulation No. 812/2013)

Energy efficiency class	C
Static loss	105 W
Storage volume	420 l

Technical data

Total DHW tank volume	420 l
Max. working temperature in DHW tank	95 °C
Max. working pressure in DHW tank	10 bar
DHW tank diameter	600 mm
DHW tank diameter with insulation	710 mm
DHW tank overall height	1690 mm
Tipping height	1830 mm
DHW tank empty weight	80 kg

Materials

DHW tank material	S235JR, inner surf. enamelled (DIN 4753-3)
Heat exchanger material	S235JR+N, outer surf. enamelled (DIN 4753-3)
DHW tank insulation	PU foam (hard)
DHW tank outer surface insulation	PVC

Accessories

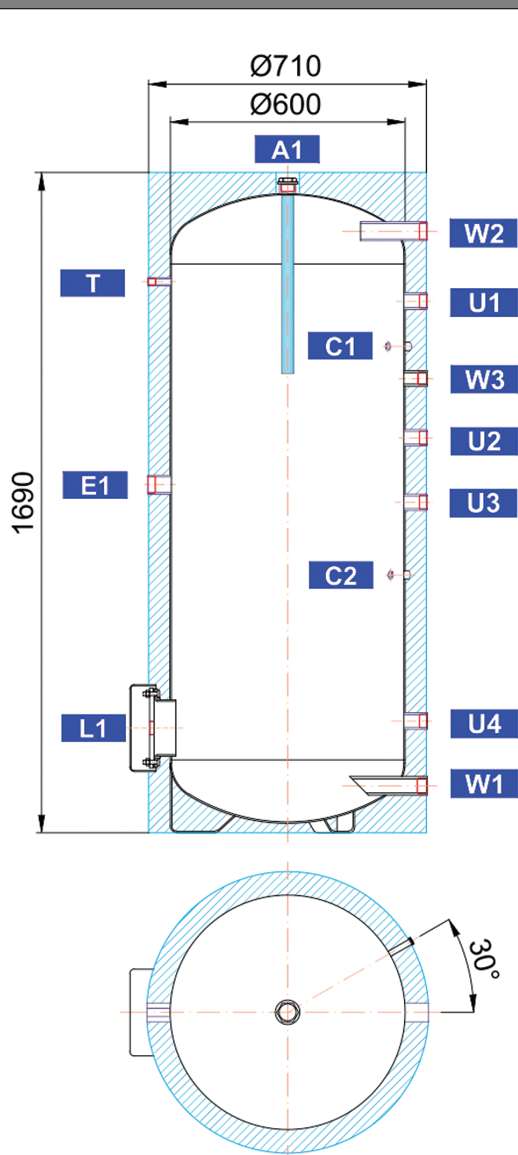
Electric heating element	models ETT-A, D2, M, N, R, S, F2, P, U
Heating element max. length for E1 / flange	635 mm / 585 mm
Electronic anode rod	code 9174
Electronic anode rod for flange	code 17432

Spare parts (magnesium anode rods)

Mg anode rod (A1)	code 448
Mg anode rod - chain type	code 13112

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Dimensions



CONNECTIONS

pos.	description	connection	height [mm]
DHW heating			
W1	Cold water	G 6/4" F	120
W2	Domestic hot water	G 6/4" F	1540
W3	Recirculation	G 3/4" F	1163
Auxiliary heat source			
E1	Electric heating element	G 6/4" F	891
Control and safety			
C1	Temperature sensor	G 1/2" F	1245
C2	Temperature sensor	G 1/2" F	660
T	Thermometer	G 1/2" F	1411
Universal inlet/outlet			
U1	Universal inlet/outlet	G 5/4" F	1361
U2	Universal inlet/outlet	G 5/4" F	1011
U3	Universal inlet/outlet	G 5/4" F	846
U4	Universal inlet/outlet	G 5/4" F	286
Others			
L1	Flange	8 x M10	268
A1	Magnesium anode rod	G 5/4" F	1660