DATA SHEET

R0BC 300 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	10571

Energy Efficiency Data (as per EC Regulation No. 812/2013)	
Energy efficiency class	C
Static loss	88 W
Storage volume	297 l

Technical data	
Total DHW tank volume	297 l
Max. working temperature in DHW tank	95 °C
Max. working pressure in DHW tank	10 bar
DHW tank diameter	500 mm
DHW tank diameter with insulation	610 mm
DHW tank overall height	1710 mm
Tipping height	1820 mm
DHW tank empty weight	59 kg

Materials	
DHW tank material	S235JR, inner 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	500 mm / 500 mm
Electronic anode rod	code 9174
Flange for heating element incl. electronic anode	code 21635
Flange for tube heat exchanger incl. electronic anode	code 21637

Spare parts (magnesium anode rods)	
Mg anode rod (A1)	code 4025
Mg anode rod - chain type	code 13112

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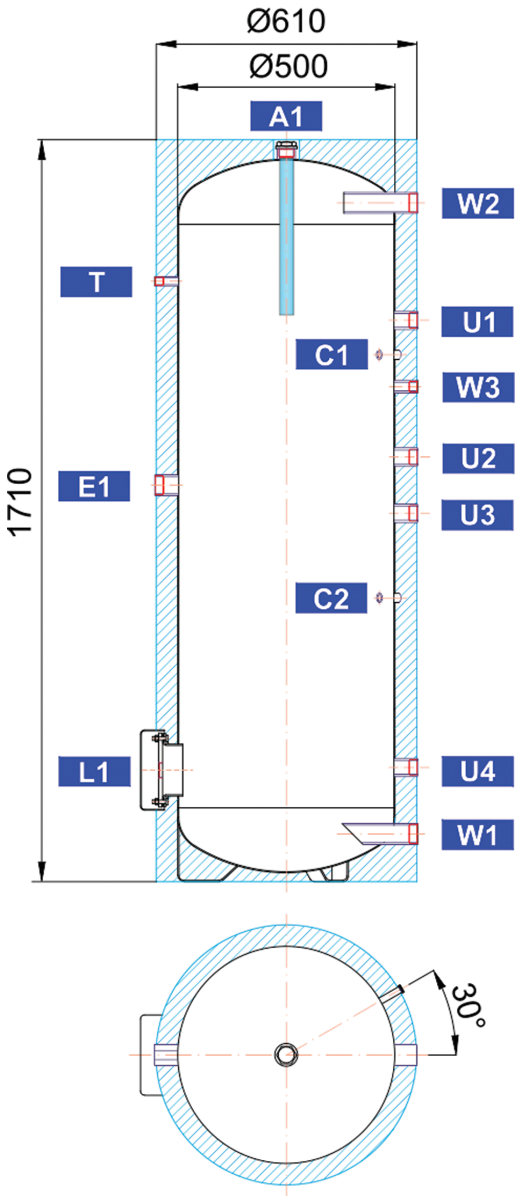
Dimensions



CONNECTIONS

pos.	description	connection	height [mm]
DHW heating			
W1	Cold water	G 6/4" F	110
W2	Domestic hot water	G 6/4" F	1565
W3	Recirculation	G 3/4" F	1141
Auxiliary heat source			
E1	Electric heating element	G 6/4" F	914
Control and safety			
C1	Temperature sensor	G 1/2" F	1214
C2	Temperature sensor	G 1/2" F	654
T	Thermometer	G 1/2" F	1384
Universal inlet/outlet			
U1	Universal inlet/outlet	G 5/4" F	1294
U2	Universal inlet/outlet	G 5/4" F	979
U3	Universal inlet/outlet	G 5/4" F	849
U4	Universal inlet/outlet	G 5/4" F	264
Others			
L1	Flange	8 x M10	257
A1	Magnesium anode rod	G 5/4" F	1675

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