

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 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
Standing loss	88 W
Storage volume	297 l

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

Materials	
Tank material	S235JR, inner surface enamelled (DIN 4753-3)
Tank perimeter insulation	PU foam (hard)
Insulation's outer surface	PVC

Accessories	
El. heating element	models ETT-A, D, F, P, M
Heating element max. length	500 mm
Electronic anode rod	code 9174

Spare parts (magnesium anode rods)	
Mg anode r. (A1), G 5/4"	code 4025
Mg anode r. – chain type, G 5/4"	code 13112

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Dimensions

pos.	description	connection	height [mm]
DHW heating			
W1	cold water	G 6/4" F	110
W2	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 – upper	G 1/2" F	1214
C2	temperature sensor – lower	G 1/2" F	654
T	thermometer	G 1/2" F	1384
Heat sources			
U1	supply from heat exchanger	G 5/4" F	1294
U2	return to heat exchanger	G 5/4" F	979
U3	supply from heat exchanger	G 5/4" F	849
U4	return to heat exchanger	G 5/4" F	264
Others			
L1	flange	8 x M10	257
A1	magnesium anode rod	G 5/4" F	1675

