

DATA SHEET

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 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
Standing loss	105 W
Storage volume	420 l

Technical data	
Total tank volume	420 l
Max. working temperature in tank	95 °C
Max. working pressure in tank	10 bar
Tank diameter	600 mm
Tank diameter with insulation	710 mm
Tank overall height	1690 mm
Tipping height	1830 mm
Empty weight	80 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	585 mm
Electronic anode rod	code 9174
Flange including anodes	code 17432

Spare parts (magnesium anode rods)	
Mg anode r. (A1), G 5/4"	code 448
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	120
W2	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 – upper	G 1/2" F	1245
C2	temperature sensor – lower	G 1/2" F	660
T	thermometer	G 1/2" F	1411
Heat sources			
U1	supply from heat exchanger	G 5/4" F	1361
U2	return to heat exchanger	G 5/4" F	1011
U3	supply from heat exchanger	G 5/4" F	846
U4	return to heat exchanger	G 5/4" F	286
Others			
L1	flange	8 x M10	268
A1	magnesium anode rod	G 5/4" F	1656

