

DATA SHEET

R0BC 500 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	8795

Energy Efficiency Data (as per EC Regulation No. 812/2013)	
Energy efficiency class	N/A
Standing loss	116 W
Storage volume	513 l

Technical data	
Total tank volume	513 l
Max. working temperature in tank	95 °C
Max. working pressure in tank	10 bar
Tank diameter	650 mm
Tank diameter with insulation	760 mm
Tank overall height	1780 mm
Tipping height	1940 mm
Empty weight	120 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	680 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	175
W2	hot water	G 6/4" F	1595
W3	recirculation	G 3/4" F	1235
Auxiliary heat source			
E1	electric heating element	G 6/4" F	949
Control and safety			
C1	temperature sensor – upper	G 1/2" F	1285
C2	temperature sensor – lower	G 1/2" F	685
T	thermometer	G 1/2" F	1480
Heat sources			
U1	supply from heat exchanger	G 5/4" F	1335
U2	return to heat exchanger	G 5/4" F	985
U3	supply from heat exchanger	G 5/4" F	865
U4	return to heat exchanger	G 5/4" F	305
Others			
L1	flange	8 x M10	335
A1	magnesium anode rod	G 5/4" F	1742

