

DATA SHEET

R0BC 2500 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	10501

Energy Efficiency Data (as per EC Regulation No. 812/2013)	
Energy efficiency class	N/A
Standing loss	330 W
Storage volume	2508 l

Technical data	
Total tank volume	2508 l
Max. working temperature in tank	95 °C
Max. working pressure in tank	10 bar
Tank diameter	1200 mm
Tank diameter with insulation	1400 mm
Tank overall height	2680 mm
Tipping height	3030 mm
Empty weight	523 kg

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

Accessories	
El. heating element	models ETT-A, D, F, P, M
Heating element max. length	815 mm
Electronic anode rod	code 14429
Flange including anodes	code 17435

Spare parts (magnesium anode rods)	
Mg anode r. (A1), G 5/4"	code 3698
Mg anode r. – chain type, G 5/4"	code 13112
Mg anode r. – into flange (A2), G 5/4"	code 464

DATA SHEET

R0BC 2500 Hot Water Storage Tank

Dimensions			
pos.	description	connection	height [mm]
DHW heating			
W1	cold water	G 2" F	430
W2	hot water	G 2" F	2250
W3	recirculation	G 1" F	1740
Auxiliary heat source			
E1	electric heating element	G 6/4" F	1400
Control and safety			
C1	temperature sensor – upper	G 1/2" F	1905
C2	temperature sensor – lower	G 1/2" F	1075
T	thermometer	G 1/2" F	2130
Heat sources			
U1	supply from heat exchanger	G 5/4" F	2040
U2	return to heat exchanger	G 5/4" F	1540
U3	supply from heat exchanger	G 5/4" F	1250
U4	return to heat exchanger	G 5/4" F	550
Others			
L1	flange	8 x M10	640
A1	magnesium anode rod	G 5/4" F	2600
A2	magnesium anode rod	G 5/4" F	640

