

DATA SHEET

R2BC 200 Hot Water Storage Tank



Main features	
Description	Hot water tank intended for DHW heating, with 2 integrated enamelled 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 (tank), water or water/glycol mixture (max. 1:1) (heat exchanger)
Code	6481

Energy Efficiency Data (as per EC Regulation No. 812/2013)	
Energy efficiency class	C
Standing loss	67 W
Storage volume	201 l

Technical data	
Total tank volume	212 l
Fluid volume in tank	201 l
Upper heat exchanger (HE) volume	6 l
Lower heat exchanger volume	6 l
Upper heat exchanger surface area	0,8 m ²
Lower heat exchanger surface area	0,8 m ²
Max. working temperature in tank	95 °C
Max. working temperature in HE	110 °C
Max. working pressure in tank	10 bar
Max. working pressure in HE	10 bar
Tank diameter	500 mm
Tank diameter with insulation	610 mm
Tank overall height	1265 mm
Tipping height	1410 mm
Empty weight	96 kg

Hot water heating from 10 °C to 45 °C at heating water temperature 60 °C	
Upper heat exchanger	320 l/h (13 kW)
Lower heat exchanger	320 l/h (13 kW)

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

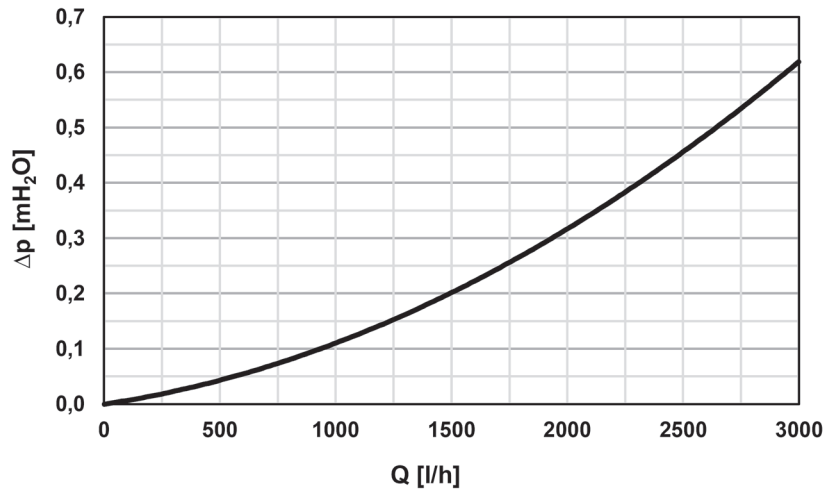
Accessories	
El. heating element	models ETT-A, D, F, P, M
Heating element max. length	500 mm
Electronic anode rod	code 9174

Spare parts (magnesium anode rods)	
Mg anode rod A1 (G 5/4")	code 448

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Heat exchanger pressure drop



applies to upper and lower heat exchanger

Dimensions

pos.	description	connection	height [mm]
DHW heating			
W1	cold water	G 1" F	67
W2	hot water	G 1" F	1164
W3	recirculation	G 3/4" F	884
Auxiliary heat source			
E1	electric heating element	G 6/4" F	629
Control and safety			
C1	temperature sensor – upper	G 1/2" F	884
C2	temperature sensor – lower	G 1/2" F	474
T	temperature indicator	G 1/2" F	929
Heat sources			
X1	supply from heat source	G 5/4" F	994
X2	return to heat source	G 5/4" F	679
X3	supply from heat source	G 5/4" F	579
X4	return to heat source	G 5/4" F	264
Others			
L1	flange	8 x M10	257
A1	magnesium anode rod	G 5/4" F	1245

