

DATA SHEET

RBC 200 Hot Water Storage Tank



Main features	
Application	Hot water tank intended for DHW heating, with integrated enamelled heat exchanger. 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, water/glycol mixture (max. 1:1) or water/glycerine (max. 2:1) (heat exchanger)
Code	3252

Energy Efficiency Data (as per EC Regulation No. 812/2013)	
Energy efficiency class	C
Standing loss	67 W
Storage volume	204 l

Technical data	
Total tank volume	214 l
Fluid volume in tank	204 l
Heat exchanger (HE) volume	10 l
Heat exchanger surface area	1,5 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	82 kg

Hot water heating from 10 °C to 45 °C at heating water inlet temp. of 60 °C	
Heat exchanger	590 l/h (24 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

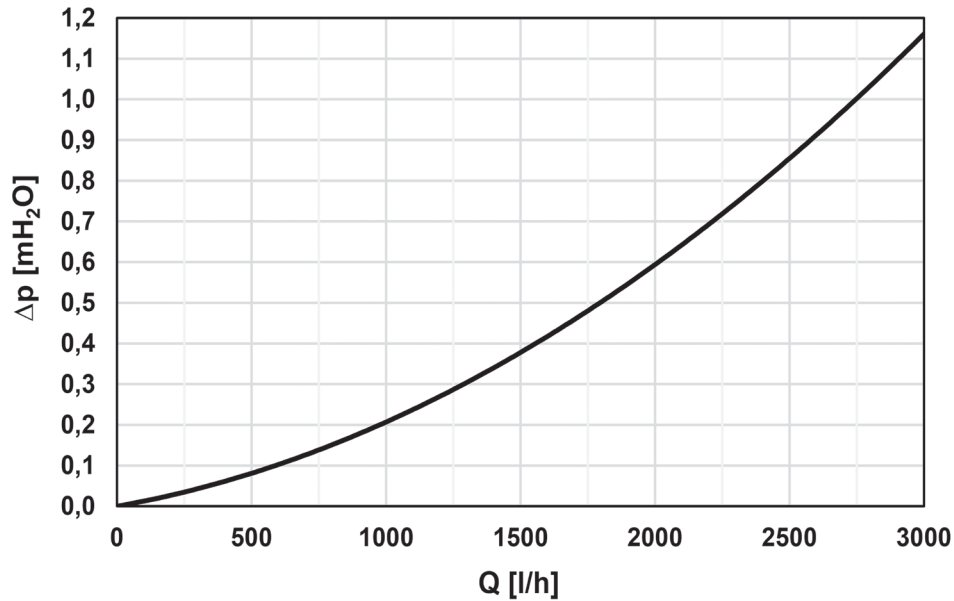
Accessories	
El. heating element	models ETT-A, D, F, P, M
Heating elem. max. length	500 mm
Electronic anode rod	code 9173

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

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Heat exchanger pressure drop



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	915
Auxiliary heat source			
E1	electric heating element	G 6/4" F	797
Control and safety			
C1	temperature sensor	G 1/2" F	593
T	thermometer	G 1/2" F	997
Heat sources			
X1	supply from heat source	G 5/4" F	758
X2	return to heat source	G 5/4" F	263
Others			
L1	flange	8 x M10	257
A1	magnesium anode rod	G 5/4" F	1240

