


R2BC 200 Hot Water Storage Tank

	Main Features	
	Application	Hot water tank intended for DHW heating, with 2 integrated enamelled heat exchangers. It comes fitted with detachable 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), water-glycerine mixture (max. 2:1) (heat exchanger)
	Code	6481

Energy Efficiency Data (as per EC Regulation No. 812/2013)

Energy efficiency class	C
Static loss	67 W
Storage volume	201 l

Technical data

Total DHW tank volume	212 l
Fluid volume in DHW tank	201 l
Upper heat exchanger volume	6.0 l
Lower heat exchanger volume	6.0 l
Upper heat exchanger surface area	0.8 m ²
Lower heat exchanger surface area	0.8 m ²
Max. working temperature in DHW tank	95 °C
Max. working temperature in heat exchangers	110 °C
Max. working pressure in DHW tank	10 bar
Max. working pressure in heat exchangers	10 bar
DHW tank diameter	500 mm
DHW tank diameter with insulation	610 mm
DHW tank overall height	1265 mm
Tipping height	1410 mm
DHW tank empty weight	96 kg

Power for hot water heating from 10 °C to 45 °C at heating water temperature 60 °C

Upper heat exchanger performance	13 kW, (320 l/h)
Lower heat exchanger performance	13 kW, (320 l/h)

Materials

DHW tank material	S235JR, inner surf. enamelled (DIN 4753-3)
Heat exchanger material	S235JR+N, outer surf. enamelled (DIN 4753-3)
DHW tank insulation	PU foam (hard)
DHW tank outer surface insulation	PVC

Accessories

Electric heating element	models ETT-A, D2, M, N, R, S, F2, P, U
Heating element max. length for E1 / flange	500 mm / 370 mm
Electronic anode rod	code 9174
Flange for heating element	code 17199

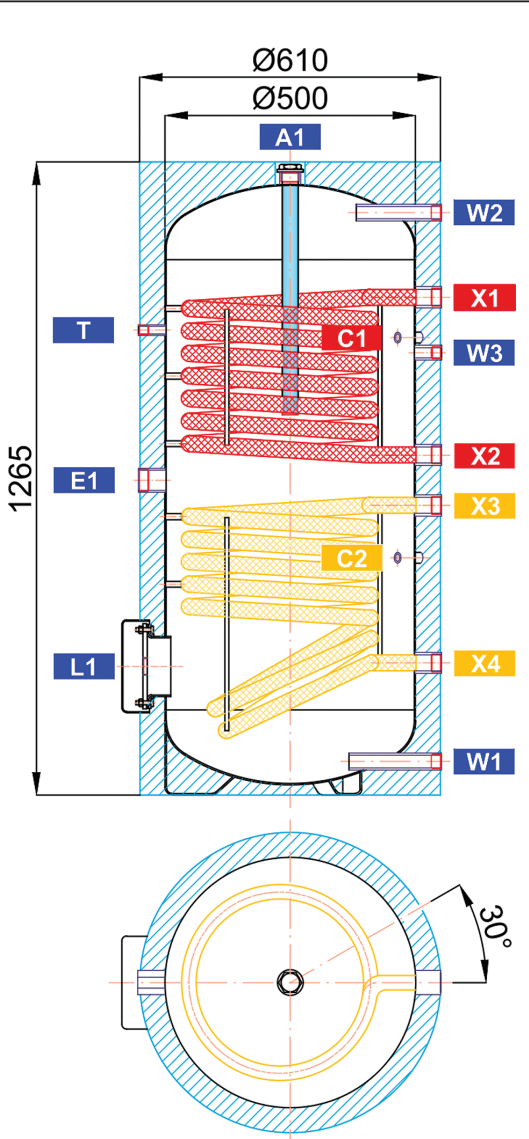
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Spare parts (magnesium anode rods)

Mg anode rod (A1)

code 448

Dimensions



CONNECTIONS

pos.	description	connection	height [mm]
DHW heating			
W1	Cold water	G 1" F	67
W2	Domestic 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	G 1/2" F	914
C2	Temperature sensor	G 1/2" F	474
T	Thermometer	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	1230

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Pressure drop diagram

