

DATA SHEET

R2DC 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 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 mixture (max. 2:1) (heat exchangers)
Code	11351

Energy Efficiency Data (as per EC Regulation No. 812/2013)	
Energy efficiency class	C
Standing loss	82 W
Storage volume	200 l

Technical data	
Total tank volume	216 l
Fluid volume in tank	200 l
Upper heat exchanger (HE) volume	8 l
Lower heat exchanger (HE) volume	8 l
Upper heat exchanger surface area	1.0 m ²
Lower heat exchanger surface area	1.0 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	584 mm
Tank overall height	1380 mm
Tipping height	1500 mm
Empty weight	105 kg

Hot water heating from 10 °C to 45 °C at heating water inlet temperature 60 °C	
Upper heat exchanger	400 l/h (16 kW)
Lower heat exchanger	400 l/h (16 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	PUR foam (hard)
Insulation's outer surface	plastic

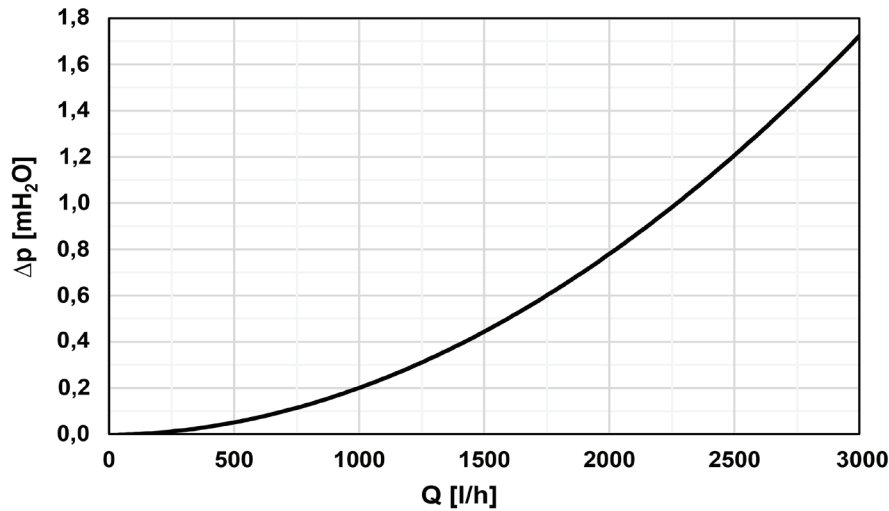
Accessories	
El. heating element	models ETT-A, D, F, P, M
Max. length of the heating element to the E1 connection	500 mm
Electronic anode rod	code 9174

Spare parts (magnesium anode rods)	
Mg anode rod A1 (G 5/4")	code 448
Mg anode rod (G 3/4") with flange and gasket	code 15847

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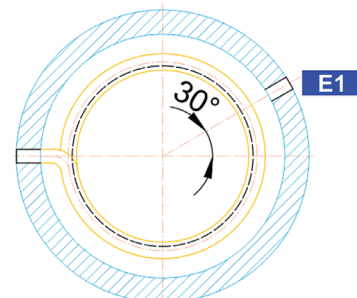
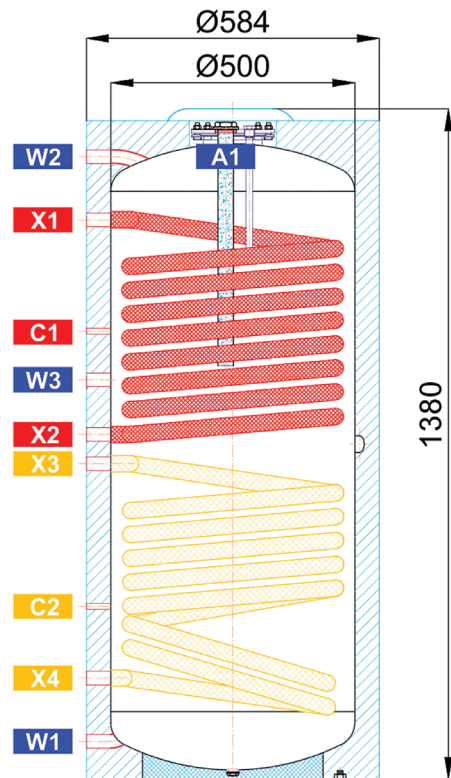
Heat exchanger pressure drop



applies to upper and lower heat exchanger

Dimensions

pos.	description	connection	height [mm]
DHW heating			
W1	cold water	G 3/4" M	74
W2	hot water	G 3/4" M	1274
W3	recirculation	G 3/4" F	816
Auxiliary heat source			
E1	electric heating element	G 6/4" F	684
Control and safety			
C1	temperature sensor – upper	G 1/2" F	916
C2	temperature sensor – lower	G 1/2" F	351
Heat sources			
X1	supply from heat source	G 3/4" M	1144
X2	return to heat source	G 3/4" M	704
X3	supply from heat source	G 3/4" M	644
X4	return to heat source	G 3/4" M	204
A1	magnesium anode rod	G 5/4" F	1334



1) C1 and C2 tapings are supplied incl. adapter G 1/2" M – M12 x 1.5 and cable gland.
 2) Earthing metal strip is run through the insulation next to the upper part of the DHW tank.