

## 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)
<b>Code</b>	<b>11351</b>

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 <sup>2</sup>
Lower heat exchanger surface area	1,0 m <sup>2</sup>
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 4756)
Heat exchanger material	S235JR+N, outer surface enamelled (DIN 4756)
Tank perimeter insulation	PUR foam (hard)
Insulation's outer surface	plastic

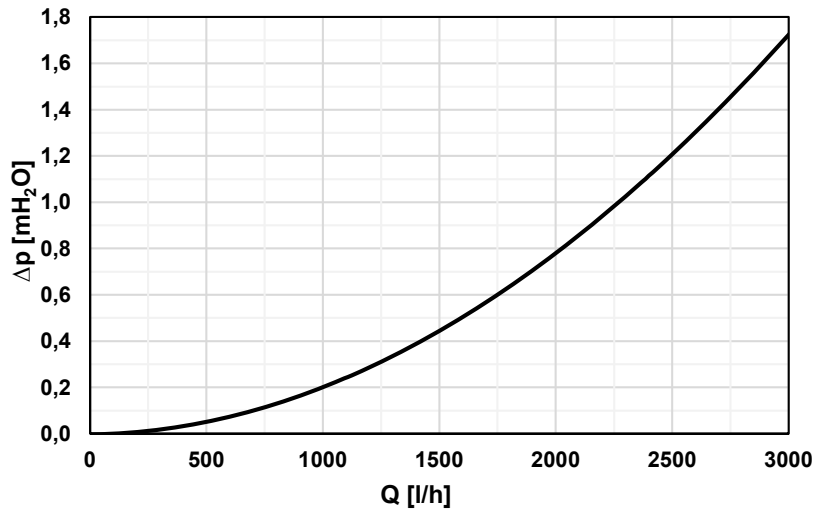
Accessories	
El. heating element	models ETT-A, D, F, G, M
Heating elem. max. length* / output	495 mm / 6,0 kW
Electronic anode rod	code 9174

\* max.length is valid for 6/4" nozzle

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

## R2DC 200 Hot Water Storage Tank

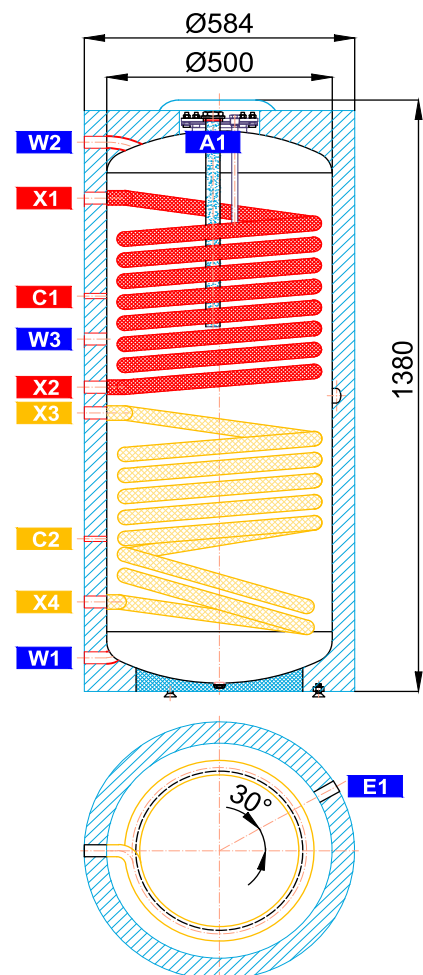
### Heat exchanger pressure drop



applies to upper and lower heat exchanger

### Dimensions

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



1) C1 and C2 tappings are supplied incl. adapter G 1/2" M - M12x1.5 and cable gland  
 2) earthing metal strip is run through the insulation next to the upper part of the DHW tank