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 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	11351

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

Technical data	
Total DHW tank volume	216 l
Fluid volume in DHW tank	200 l
Upper heat exchanger volume	8.0 l
Lower heat exchanger volume	8.0 l
Upper heat exchanger surface area	1.0 m²
Lower heat exchanger surface area	1.0 m²
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	584 mm
DHW tank overall height	1380 mm
Tipping height	1500 mm
DHW tank empty weight	105 kg

Power for hot water heating from 10 °C to 45 °C at heating water temperature 60 °C	
Upper heat exchanger performance	16 kW, (400 l/h)
Lower heat exchanger performance	16 kW, (400 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

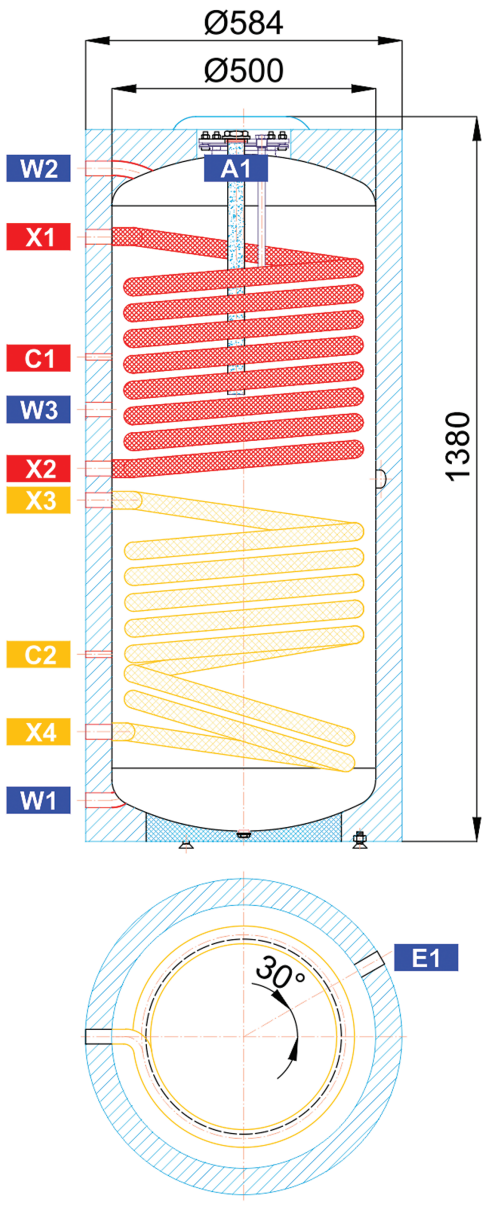
Accessories	
Electric heating element	models ETT-A, D2, M, N, R, S, F2, P, U
Heating element max. length for E1	500 mm
Electronic anode rod	code 9174

DATA SHEET

R2DC 200 Hot Water Storage Tank

Spare parts (magnesium anode rods)	
Mg anode rod (A1)	code 448
Mg anode rod with flange	code 15847

Dimensions



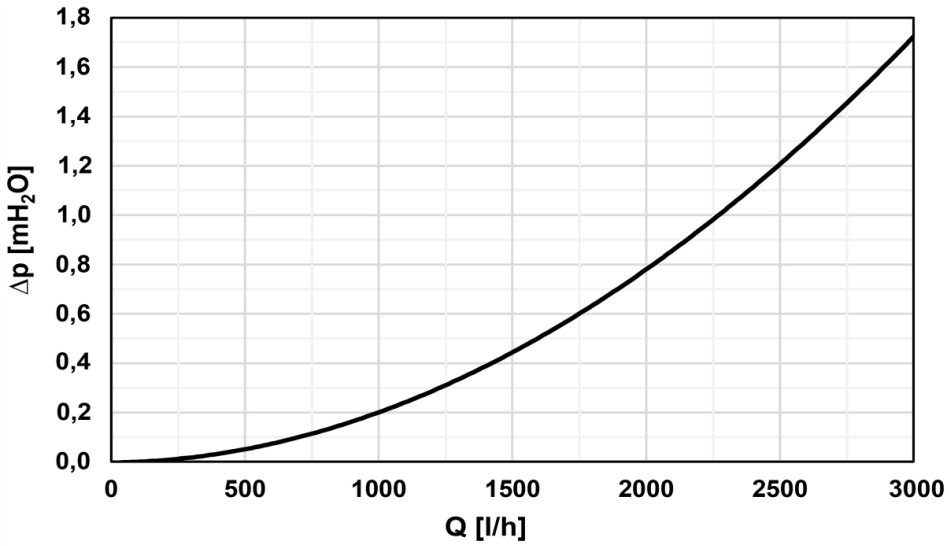
CONNECTIONS			
pos.	description	connection	height [mm]
DHW heating			
W1	Cold water	G 3/4" M	74
W2	Domestic hot water	G 3/4" M	1274
W3	Recirculation	G 3/4" F	816
Auxiliary heat source			
E1	Electric heating element	G 6/4" F	684
Control and safety			
C1	Temperature sensor	G 1/2" F	916
C2	Temperature sensor	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
Others			
A1	Magnesium anode rod	G 5/4" F	1334

C2 tapping is supplied incl. adapter G 1/2" M – M12x1.5 and cable gland. Earthing metal strip is run through the insulation next to the upper flange.

R E G U L U S spol. s r.o. Czech Republic
Do Koutů 1897/3, 143 00 Praha 4
Tel.: +420 241 764 506
Fax: +420 241 763 976
E-mail: sales@regulus.eu
Web: www.regulus.eu

R2DC 200 Hot Water Storage Tank

Pressure drop diagram



applies to upper and lower heat exchanger