

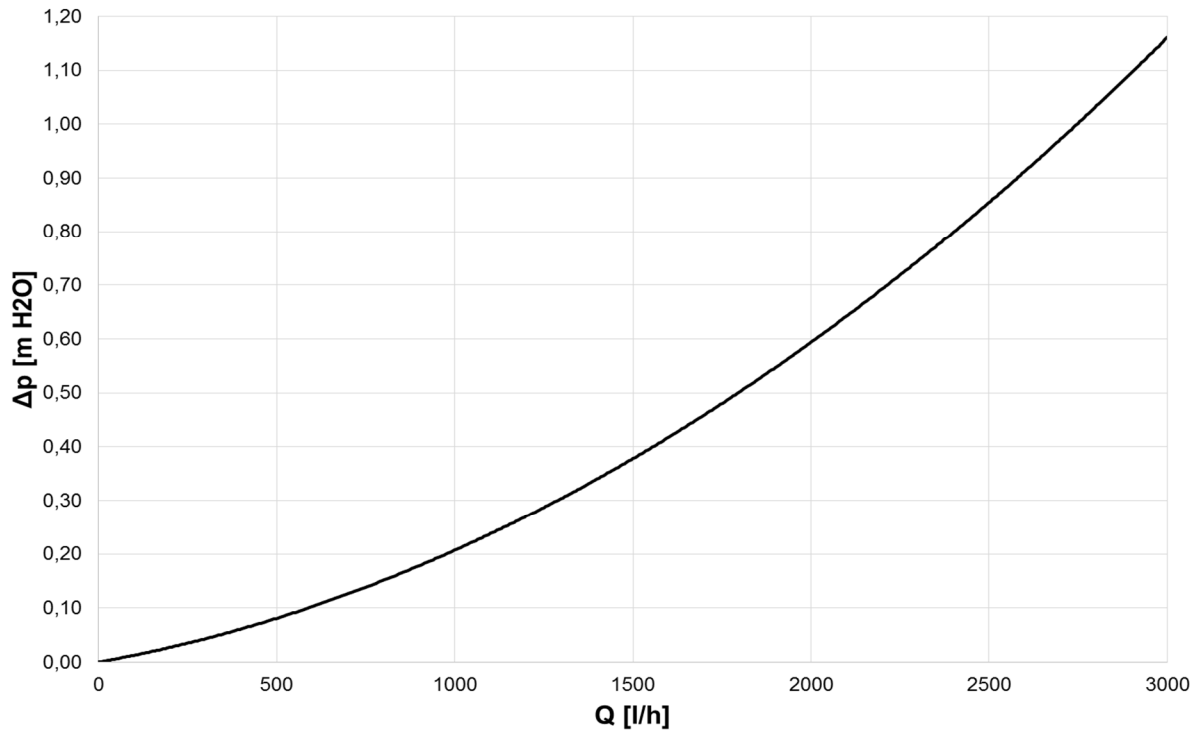
RBC 200 Hot Water Storage Tank

v1.2_06/2018



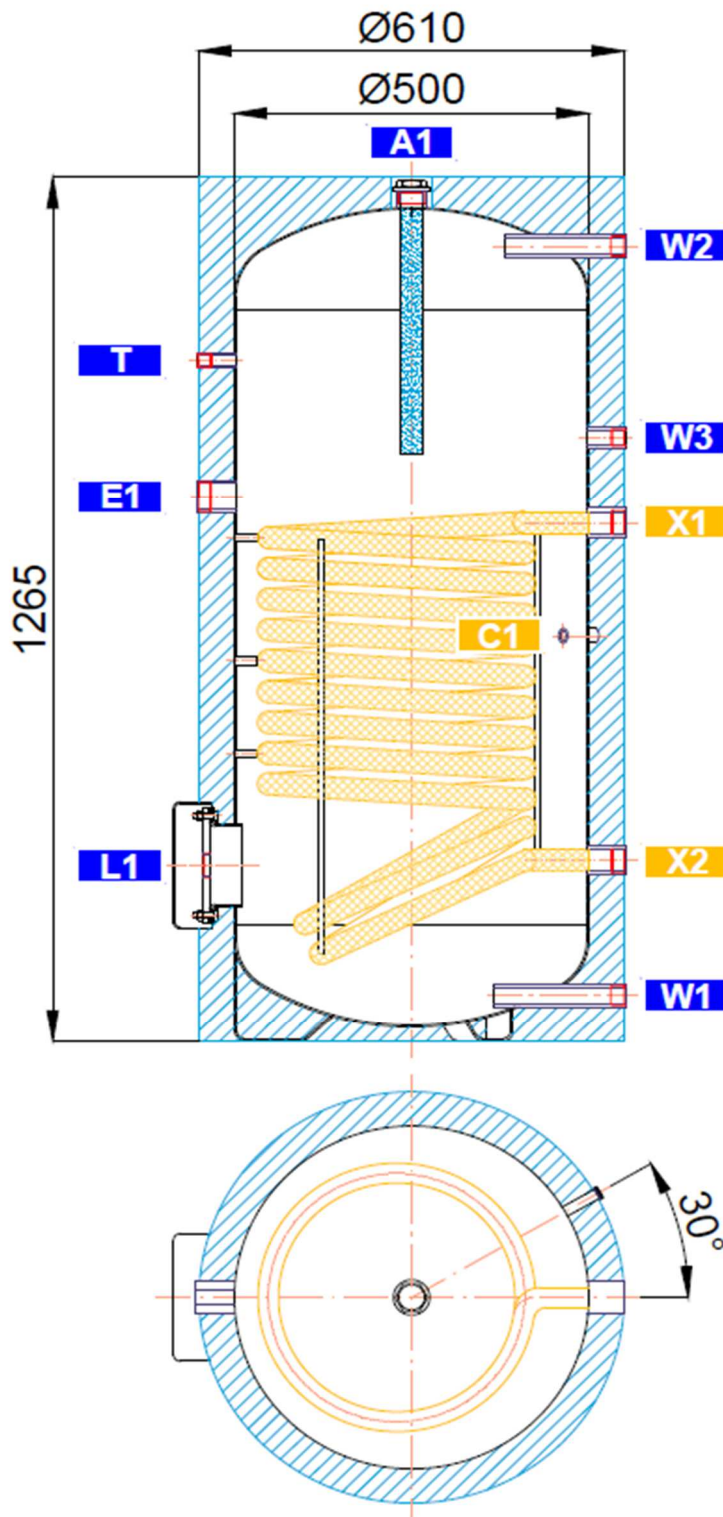
Main features	
Application	DHW heating
Description	hot water storage tank with integrated enamelled heat exchanger, permitting installation of an el. heating element
Working fluid	water (tank), water, water/glycol mixture (max. 1:1) or water/glycerine (max. 2:1) (heat exchanger)
Code	3 252
Energy Efficiency Data (as per EC Regulation No. 812/2013)	
	RBC 200
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
Materials	
Tank material	S235JR, inner surface enamelled (DIN 4756)
Heat exchanger material	S235JR+N, outer surface enamelled (DIN 4756)
Tank perimeter insulation	PU foam (hard)
Insulation's outer surface	PVC / ABS
Hot water heating from 10 °C to 45 °C at heating water temp. of 60 °C	
Heat exchanger	1280 l/h (51,9 kW)
Dimensions, Tipping height, Weight	
Tank diameter	500 mm
Tank diameter with insulation	610 mm
Tank overall height	1265 mm
Tipping height	1410 mm
Empty weight	82 kg
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 9 173
Spare parts (magnesium anode rods)	
Mg anode r. (A1), G 5/4"	code 4 025

Heat exchanger pressure drop



Dimensions

Tipping height 1410 mm.



TAPPINGS

pos.	connection	height [mm]
DHW heating		
W1	G 1" F	67
W2	G 1" F	1164
W3	G 3/4" F	915
El. heating elements		
E1	G 6/4" F	797
Control and safety		
C1	G 1/2" F	593
T	G 1/2" F	997
Solar thermal system		
X1	G 5/4" F	758
X2	G 5/4" F	263
Flange		
L1	8 x M10	257
Magnesium anode rod		
A1	G 5/4" F	1240