

RBC 1000 Hot Water Storage Tank

RBC 1000



Electric heating elements



Magnesium anode rod



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	4 038

Energy Efficiency Data (as per EC Regulation No. 812/2013)	
	RBC 1000
Energy efficiency class	N/A
Standing loss	121 W
Storage volume	868 l

Technical data	
Total tank volume	887 l
Fluid volume in tank	868 l
Heat exchanger (HE) volume	19 l
Heat exchanger surface area	3,5 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

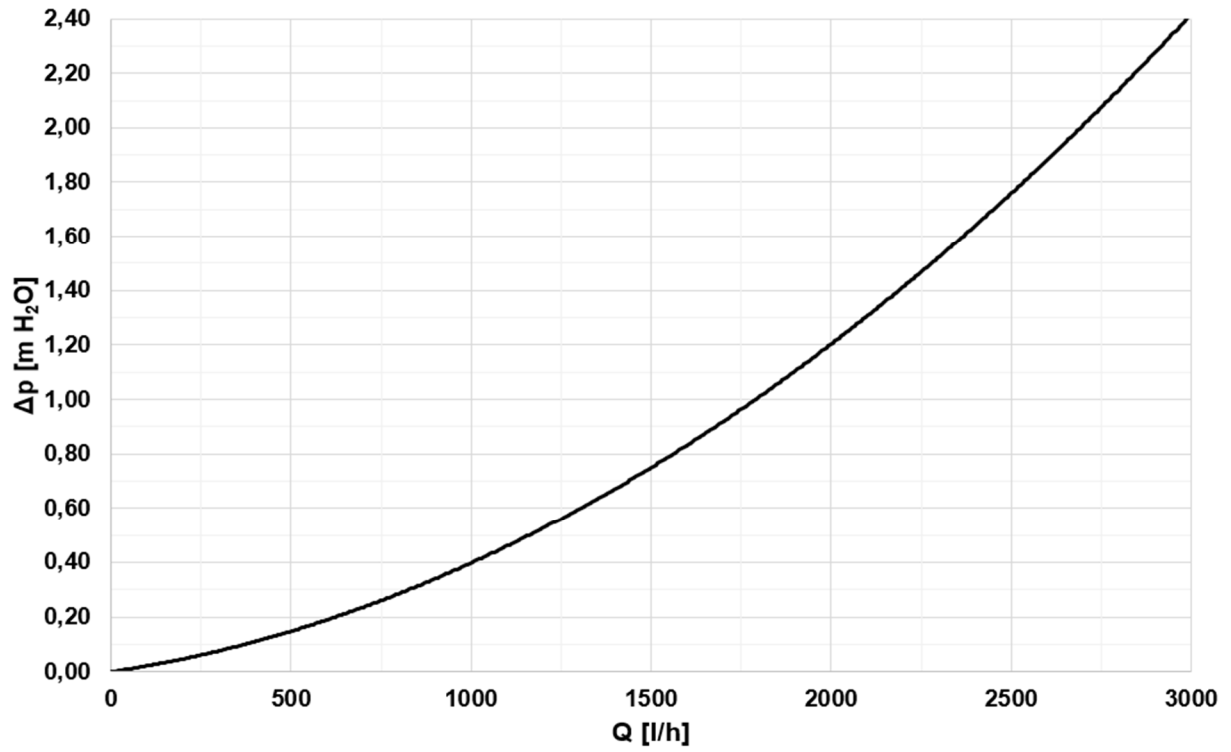
Hot water heating from 10 °C to 45 °C at heating water temp. of 60 °C	
Heat exchanger	2860 l/h (116,0 kW)

Dimensions, Tipping height, Weight	
Tank diameter	790 mm
Tank diameter with insulation	950 mm
Tank overall height	2120 mm
Tipping height	2330 mm
Empty weight	262 kg

Accessories	
El. heating element	models ETT-A, D, F, G, M
Heating elem. max. length / output	815 mm / 12,0 kW
Electronic anode rod	code 9 175

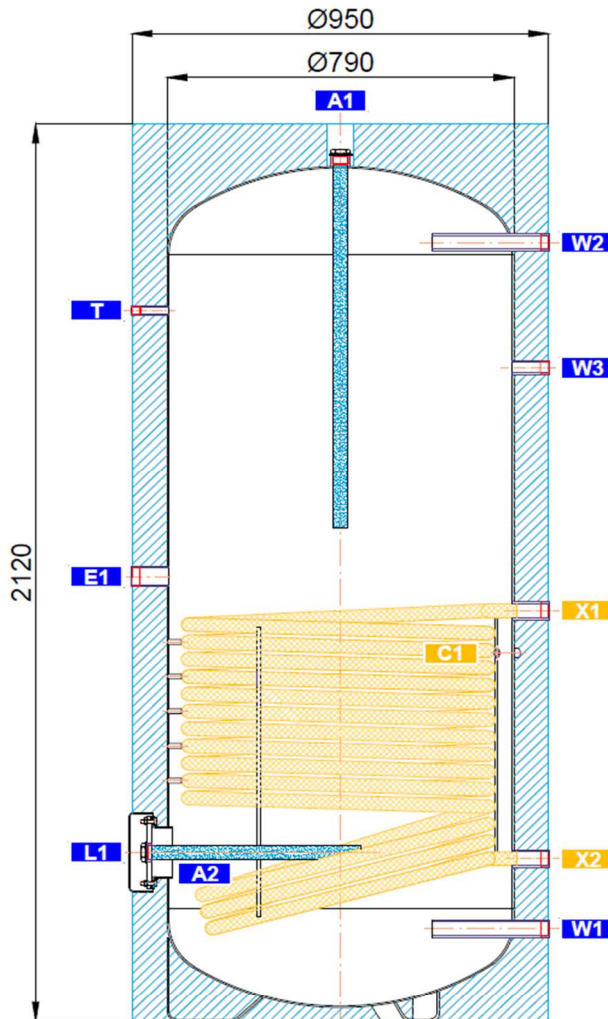
Spare parts (magnesium anode rods)	
Mg anode r. (A1), G 5/4"	code 3698
Mg anode r. - into flange (A2,3), G 5/4"	code 448
Mg anode r. - chain type, G 5/4"	code 13 112

Heat exchanger pressure drop



Dimensions

Tipping height 2330 mm.



TAPPINGS

pos.	connection	height [mm]
DHW heating		
W1	G 5/4" F	220
W2	G 5/4" F	1840
W3	G 1" F	1545
El. heating elements		
E1	G 6/4" F	1050
Control and safety		
C1	G 1/2" F	870
T	G 1/2" F	1680
Solar thermal system		
X1	G 5/4" F	970
X2	G 5/4" F	385
Flange		
L1	8 x M10	400
Magnesium anode rod		
A1	G 5/4" F	2045
A2	G 5/4" F	400