

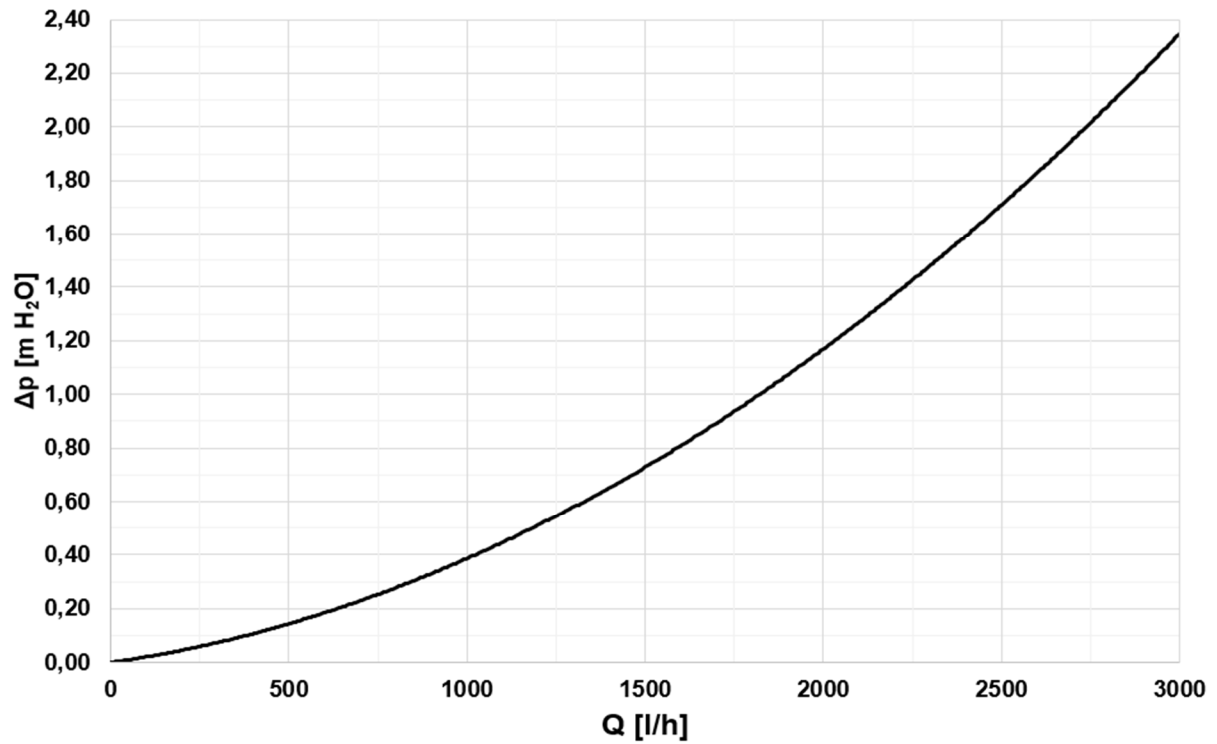
RBC 750 Hot Water Storage Tank

v1.2_06/2018



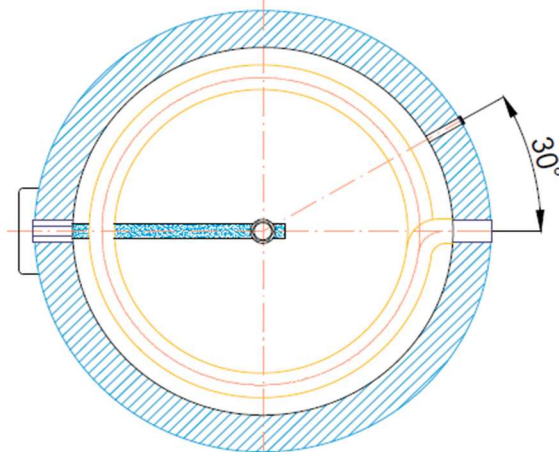
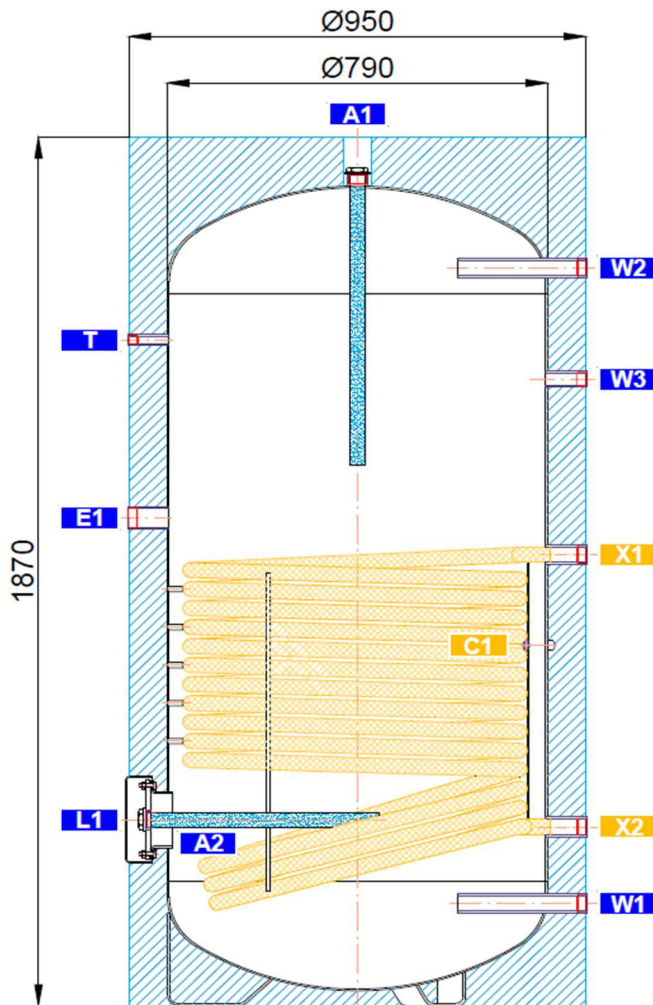
Main features	
Application	DHW heating
Description	hot water storage tank with integrated enamelled heat exchanger, permitting installation of an el. heating element
Working fluid	water (tank), water, water/glycol mixture (max. 1:1) or water/glycerine (max. 2:1) (heat exchanger)
Code	4 037
Energy Efficiency Data (as per EC Regulation No. 812/2013)	
	RBC 750
Energy efficiency class	N/A
Standing loss	113 W
Storage volume	748 l
Technical data	
Total tank volume	767 l
Fluid volume in tank	748 l
Heat exchanger (HE) volume	19 l
Heat exchanger surface area	3,4 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	2780 l/h (112,7 kW)
Dimensions, Tipping height, Weight	
Tank diameter	790 mm
Tank diameter with insulation	950 mm
Tank overall height	1870 mm
Tipping height	2100 mm
Empty weight	240 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 464
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 2100 mm.



TAPPINGS

pos.	connection	height [mm]
DHW heating		
W1	G 5/4" F	220
W2	G 5/4" F	1590
W3	G 1" F	1350
El. heating elements		
E1	G 6/4" F	1050
Control and safety		
C1	G 1/2" F	775
T	G 1/2" F	1430
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	1790
A2	G 5/4" F	400