

RBC 400 Hot Water Storage Tank

v1.2_06/2018

RBC 400



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	6479

Energy Efficiency Data (as per EC Regulation No. 812/2013)	
	RBC 400
Energy efficiency class	C
Standing loss	96 W
Storage volume	396 l

Technical data	
Total tank volume	408 l
Fluid volume in tank	396 l
Heat exchanger (HE) volume	12 l
Heat exchanger surface area	1,9 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

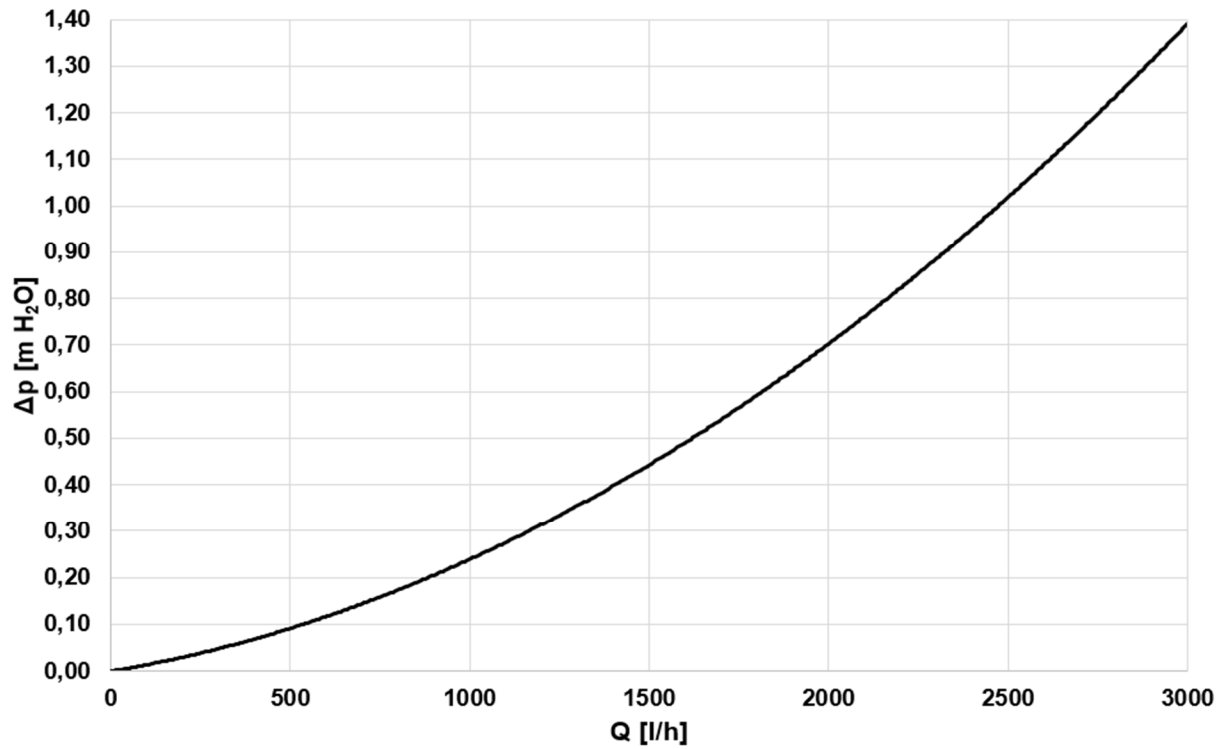
Hot water heating from 10 °C to 45 °C at heating water temp. of 60 °C	
Heat exchanger	1620 l/h (65,8 kW)

Dimensions, Tipping height, Weight	
Tank diameter	600 mm
Tank diameter with insulation	710 mm
Tank overall height	1655 mm
Tipping height	1810 mm
Empty weight	131 kg

Accessories	
El. heating element	models ETT-A, D, F, G, M
Heating elem. max. length / output	585 mm / 7,5 kW
Electronic anode rod	code 9 174

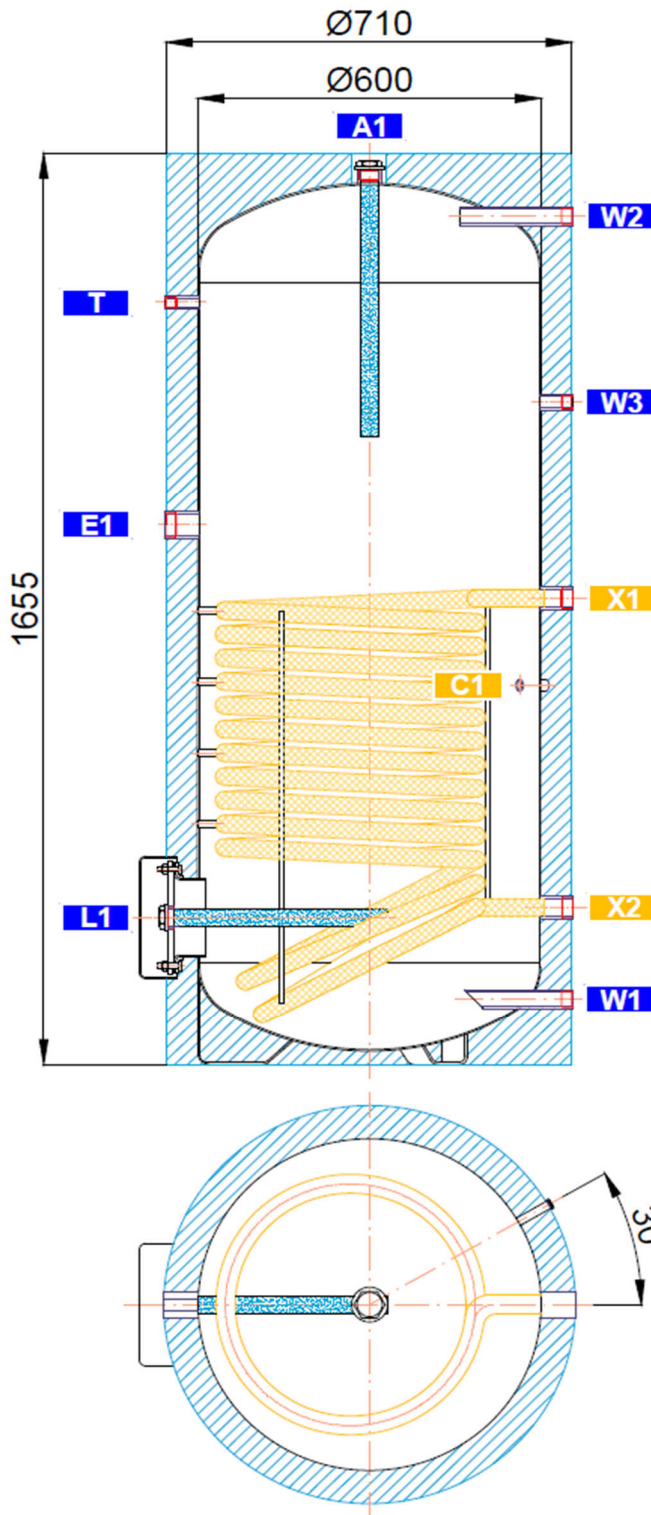
Spare parts (magnesium anode rods)	
Mg anode r. (A1), G 5/4"	code 4 025
Mg anode r. - into flange (A2,3), G 5/4"	code 4 025

Heat exchanger pressure drop



Dimensions

Tipping height 1810 mm.



TAPPINGS

pos.	connection	height [mm]
DHW heating		
W1	G 1" F	79
W2	G 1" F	1541
W3	G 3/4" F	1204
El. heating elements		
E1	G 6/4" F	980
Control and safety		
C1	G 1/2" F	689
T	G 1/2" F	1385
Solar thermal system		
X1	G 5/4" F	874
X2	G 5/4" F	314
Flange		
L1	8 x M10	268
Magnesium anode rod		
A1	G 5/4" F	1656
A2	G 5/4" F	268