


**RBC 400 HP Hot Water Storage Tank**

	Main Features	
	Application	Hot water tank intended for DHW heating, with 1 upsized enamelled heat exchanger. 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.
	Working fluid	water (tank) - water, water-glycol mixture (max. 1:1), water-glycerine mixture (max. 2:1) (heat exchanger)
	Code	10536

**Energy Efficiency Data (as per EC Regulation No. 812/2013)**

Energy efficiency class	C
Static loss	101 W
Storage volume	376 l

**Technical data**

Total DHW tank volume	407 l
Fluid volume in DHW tank	376 l
Heat exchanger volume	31.0 l
Heat exchanger surface area	5.0 m <sup>2</sup>
Max. working temperature in DHW tank	95 °C
Max. working temperature in heat exchanger	110 °C
Max. working pressure in DHW tank	10 bar
Max. working pressure in heat exchanger	10 bar
DHW tank diameter	600 mm
DHW tank diameter with insulation	710 mm
DHW tank overall height	1655 mm
Tipping height	1810 mm
DHW tank empty weight	187 kg

**Power for hot water heating from 10 °C to 45 °C at heating water temperature 60 °C**

Heat exchanger performance	64 kW, (1580 l/h)
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**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**

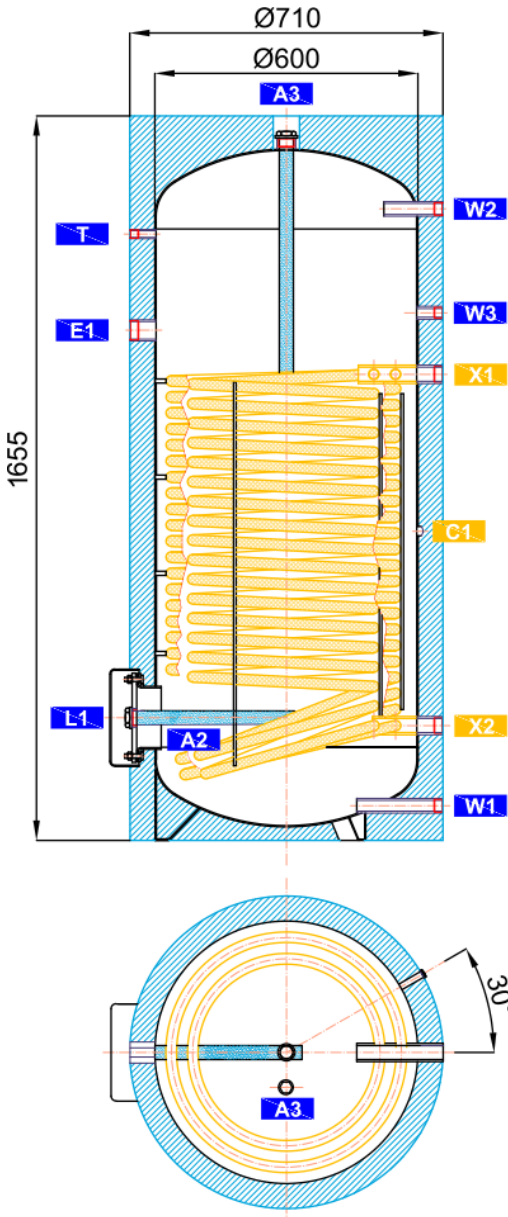
Electric heating element	models ETT-A, D2, M, N, R, S, F2, P, U
Heating element max. length for E1 / flange	635 mm / 470 mm
Electronic anode rod	code 17376
Electronic anode rod for flange	code 17434

**Spare parts (magnesium anode rods)**

Mg anode rod (A2)	code 4025
Mg anode rod (A3)	code 3698

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Dimensions



CONNECTIONS

pos.	description	connection	height [mm]
<b>DHW heating</b>			
W1	Cold water	G 1" F	79
W2	Hot water	G 1" F	1541
W3	Recirculation	G 3/4" F	1205
<b>Auxiliary heat source</b>			
E1	Electric heating element	G 6/4" F	1165
<b>Control and safety</b>			
C1	Temperature sensor	G 1/2" F	690
T	Thermometer	G 1/2" F	1385
<b>Heat sources</b>			
X1	Supply from heat source	G 5/4" F	1100
X2	Return to heat source	G 5/4" F	250
<b>Others</b>			
L1	Flange	8 x M10	280
A2	Magnesium anode rod	G 5/4" F	280
A3	Magnesium anode rod	G 5/4" F	1620

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#### Pressure drop diagram

