

**RBC 750 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	10537

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

Energy efficiency class	N/A
Static loss	119 W
Storage volume	716 l

**Technical data**

Total DHW tank volume	764 l
Fluid volume in DHW tank	716 l
Heat exchanger volume	48.0 l
Heat exchanger surface area	7.5 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	790 mm
DHW tank diameter with insulation	950 mm
DHW tank overall height	1870 mm
Tipping height	2100 mm
DHW tank empty weight	290 kg

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

Heat exchanger performance	95 kW, (2350 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**

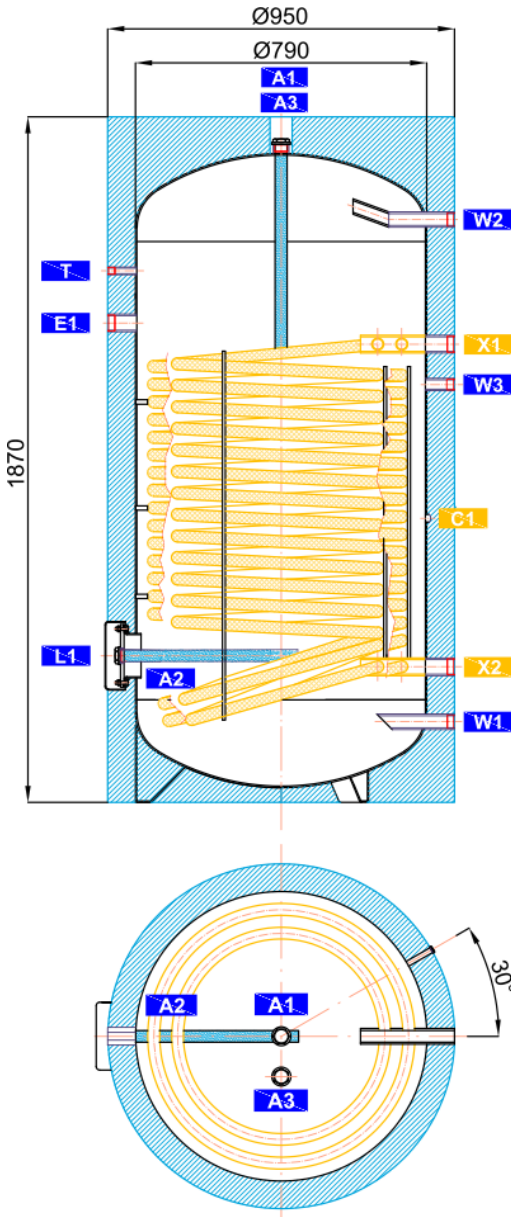
Electric heating element	models ETT-A, D2, M, N, R, S, F2, P, U
Heating element max. length for E1 / flange	815 mm / 635 mm
Electronic anode rod	code 17377
Electronic anode rod for flange	code 17428

**Spare parts (magnesium anode rods)**

Mg anode rod (A1)	code 4025
Mg anode rod (A2)	code 448
Mg anode rod (A3)	code 3698
Mg anode rod - chain type	code 13112

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Dimensions



CONNECTIONS

pos.	description	connection	height [mm]
<b>DHW heating</b>			
W1	Cold water	G 5/4" F	220
W2	Hot water	G 5/4" F	1590
W3	Recirculation	G 1" F	1140
<b>Auxiliary heat source</b>			
E1	Electric heating element	G 6/4" F	1300
<b>Control and safety</b>			
C1	Temperature sensor	G 1/2" F	775
T	Thermometer	G 1/2" F	1450
<b>Heat sources</b>			
X1	Supply from heat source	G 5/4" F	1250
X2	Return to heat source	G 5/4" F	370
<b>Others</b>			
L1	Flange	8 x M10	400
A1	Magnesium anode rod	G 5/4" F	1790
A2	Magnesium anode rod	G 5/4" F	400
A3	Magnesium anode rod	G 5/4" F	1790

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#### Pressure drop diagram

