


RBC 200 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	10534

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

Energy efficiency class	C
Static loss	72 W
Storage volume	192 l

Technical data

Total DHW tank volume	205 l
Fluid volume in DHW tank	192 l
Heat exchanger volume	13.0 l
Heat exchanger surface area	3.0 m ²
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	500 mm
DHW tank diameter with insulation	610 mm
DHW tank overall height	1265 mm
Tipping height	1410 mm
DHW tank empty weight	128 kg

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

Heat exchanger performance	38 kW, (940 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

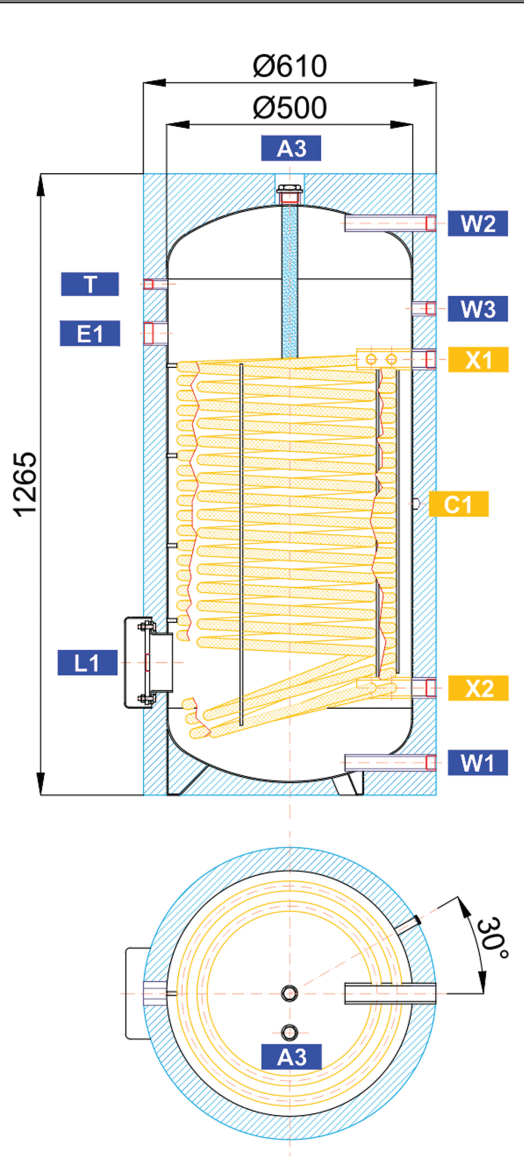
Electric heating element	models ETT-A, D2, M, N, R, S, F2, P, U
Heating element max. length for E1 / flange	500 mm / 370 mm
Electronic anode rod	code 17375
Electronic anode rod for flange	code 17434

Spare parts (magnesium anode rods)

Mg anode rod (A3)	code 464
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Dimensions



CONNECTIONS

pos.	description	connection	height [mm]
DHW heating			
W1	Cold water	G 1" F	67
W2	Hot water	G 1" F	1164
W3	Recirculation	G 3/4" F	990
Auxiliary heat source			
E1	Electric heating element	G 6/4" F	940
Control and safety			
C1	Temperature sensor	G 1/2" F	593
T	Thermometer	G 1/2" F	1040
Heat sources			
X1	Supply from heat source	G 5/4" F	890
X2	Return to heat source	G 5/4" F	210
Others			
L1	Flange	8 x M10	257
A3	Magnesium anode rod	G 5/4" F	1230

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Pressure drop diagram

