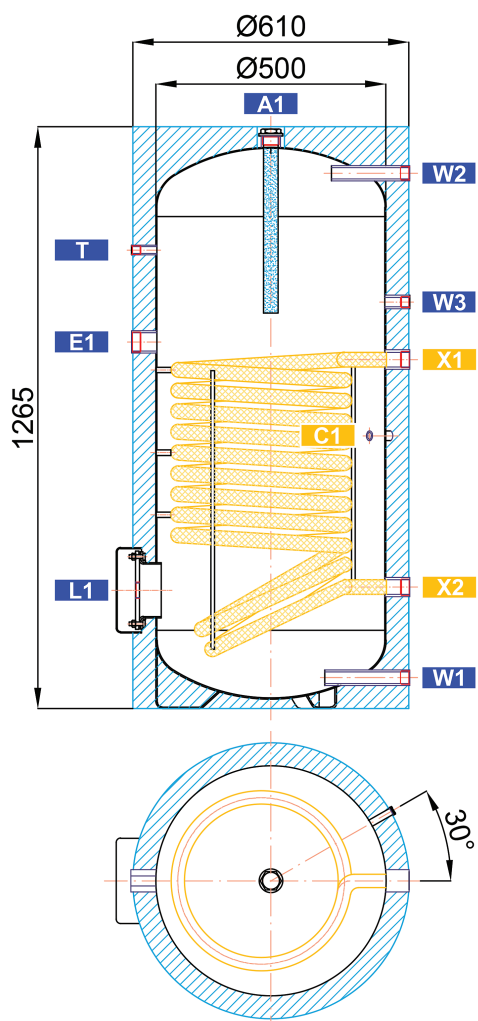


RBC 200 Hot Water Storage Tank

	Main Features	
	Application	Hot water tank intended for DHW heating, with integrated 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. If desired, an electric heating element can be installed into the hot water tank.
	Working fluid	water (tank) - water, water-glycol mixture (max. 1:1), water-glycerine mixture (max. 2:1) (heat exchanger)
	Code	3252
Energy Efficiency Data (as per EC Regulation No. 812/2013)		
Energy efficiency class		C
Static loss		67 W
Storage volume		204 l
Technical data		
Total DHW tank volume		214 l
Fluid volume in DHW tank		204 l
Heat exchanger volume		10.0 l
Heat exchanger surface area		1.5 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		82 kg
Power for hot water heating from 10 °C to 45 °C at heating water temperature 60 °C		
Heat exchanger performance		24 kW, (590 l/h)
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 9173
Flange for heating element incl. electronic anode		code 21644
Flange for tube heat exchanger incl. electronic anode		code 21648
Spare parts (magnesium anode rods)		
Mg anode rod (A1)		code 4025

RBC 200 Hot Water Storage Tank

Dimensions



CONNECTIONS

pos.	description	connection	height [mm]
DHW heating			
W1	Cold water	G 1" F	67
W2	Domestic hot water	G 1" F	1164
W3	Recirculation	G 3/4" F	915
Auxiliary heat source			
E1	Electric heating element	G 6/4" F	797
Control and safety			
C1	Temperature sensor	G 1/2" F	593
T	Thermometer	G 1/2" F	997
Heat sources			
X1	Supply from heat source	G 5/4" F	758
X2	Return to heat source	G 5/4" F	263
Others			
L1	Flange	8 x M10	257
A1	Magnesium anode rod	G 5/4" F	1230

RBC 200 Hot Water Storage Tank

Pressure drop diagram

