

RGC 120 H Hot Water Storage Tank



Main features	
Application	Hot water tank intended for DHW heating, with integrated enamelled heat exchanger. It comes fitted with 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) or water-glycerine mixture (max. 2:1) (heat exchanger)
Code	10493

Energy Efficiency Data (as per EC Regulation No. 812/2013)	
Energy efficiency class	C
Standing loss	69 W
Storage volume	114 l

Technical data	
Ambient temperature	2 to 45 °C
Max. relative humidity	80%
Total volume	120 l
Heat exchanger volume	6 l
Max. working pressure in tank	6 bar
Max. working pressure in HE	10 bar
Max. temperature in tank	100 °C
Max. temperature in HE	100 °C
Heat exchanger surface area	1.2 sqm
Tank height	1140 mm
Tank diameter	Ø 400 mm
Tank dimensions w. insulation	Ø 460 mm
Tipping height	1205 mm
Empty weight	62 kg

Hot water heating from 10 to 45°C at heating water inlet temperature of 60°C	
Heat exchanger	470 l/h (19 kW)

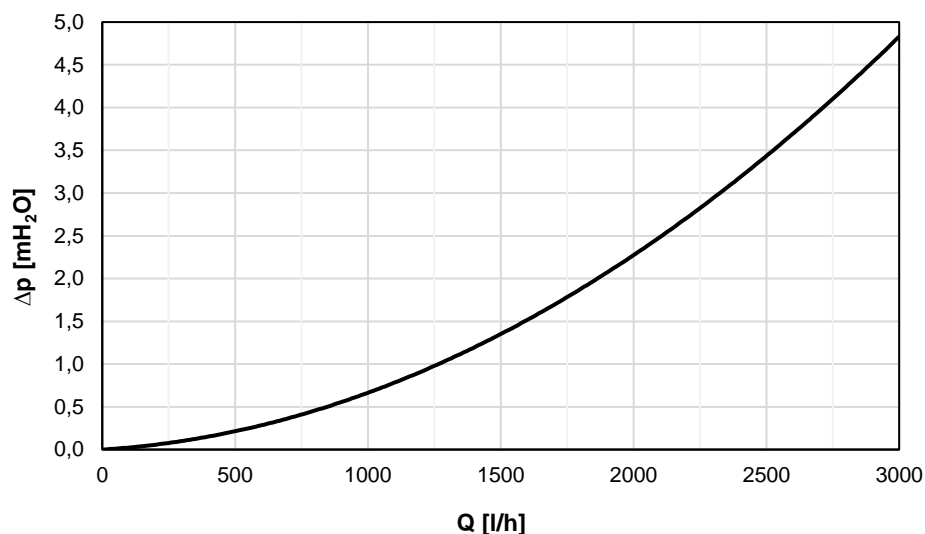
Materials	
Tank	S235JR, inner side enamelled
Heat exchanger	S235JR+N, outer surface enamel
Outer mantle	S235JR, outer surface coated
Insulation	PU foam

Accessories	
El. heating element	models ETT-A, D, F, G, M
Heating elem. max. length / output	383 mm / 4,5 kW
Electronic anode rod	code 9176

Spare parts	
Magnesium anode rod, l = 500 mm	code 448

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Heat exchanger pressure drop



Dimensions

pos.	description	connection	height [mm]
DHW heating			
W1	cold water	G 3/4" M	1140
W2	hot water	G 3/4" M	1140
W3	recirculation	G 3/4" M	1140
Supplementary heat source			
E1	electric heating element	G 6/4" M	220
Control and safety			
T	temperature indicator	G 1/2" F	1115
Heat sources			
X1	supply from heat source	G 3/4" M	1140
X2	return to heat source	G 3/4" M	1140
Others			
U1	universal inlet / outlet	G 3/4" M	100
A1	magnesium anode rod	G 5/4" F	1090

