

DATA SHEET

RGC 120 Hot Water Storage Tank



Main Features	
Application	Hot water tank with integrated heat exchanger and enamelled inner surface, intended for DHW heating. It comes fitted with non-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) or water-glycerine mixture (max. 2:1) (heat exchanger).
Code	19441

Energy Efficiency Data (as per EC Regulation No. 812/2013)	
Energy efficiency class	C
Standing loss	65 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 heat exchanger	6 bar
Max. temperature in tank	95 °C
Max. temperature in heat exchanger	100 °C
Heat exchanger surface area	1.4 m ²
Tank height	1045 mm
Tank diameter	Ø 457 mm
Tank dimensions w. insulation	Ø 565 mm
Tipping height	1143 mm
Empty weight	71 kg

Hot water heating from 10 to 45°C at heating water temp. of 60°C	
Heat exchanger	570 l/h (23 kW)

Materials	
Tank	S235JR, inner surface enamelled (DIN 4753-3)
Heat exchanger	S235JR+N, outer surface enamelled (DIN 4753-3)
Outer mantle	hard plastic
Insulation	PU foam

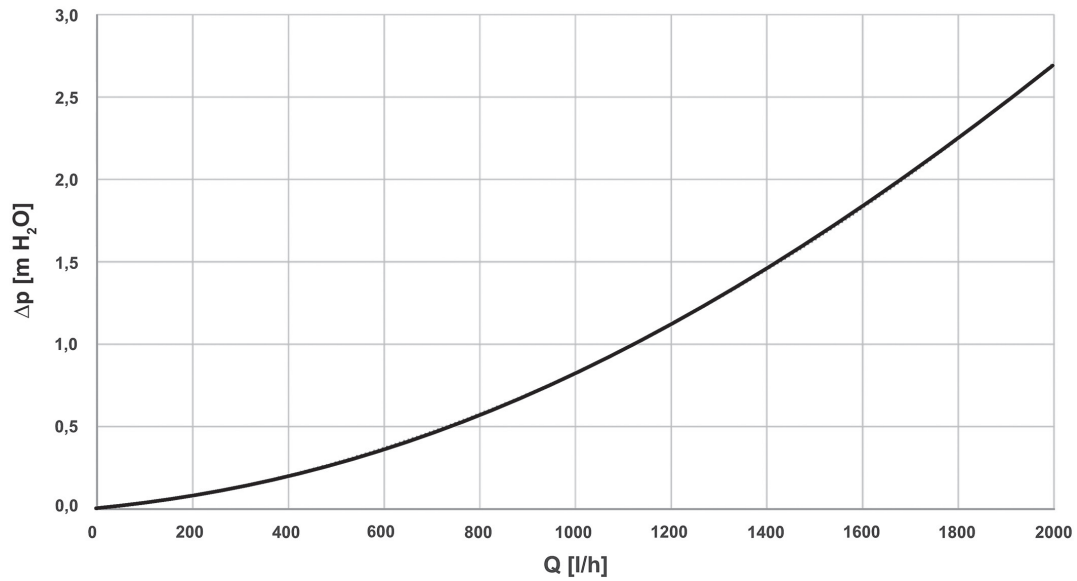
Accessories	
El. heating element	models ETT-A, D, F, P, M
Heating element max. length	370 mm
Electronic anode rod	code 9176

Spare parts (magnesium anode rods)	
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	1075
W2	hot water	G 3/4" M	1075
W3	recirculation	G 3/4" M	1075
Auxiliary heat source			
E1	electric heating element for DHW	G 6/4" F	235
Control and safety			
C1	sheath	Ø 15 mm	990
T	thermometer	G 1/2" F	740
Heat sources			
X1	flow from heat source	G 3/4" M	1075
X2	return to heat source	G 3/4" M	1075
Other			
U1	universal inlet/outlet	G 1/2" F	100
A1	magnesium anode rod	G 5/4" F	960

