


**NBC 170 HP Hot Water Storage Tank**

	<b>Main Features</b>	
	Application	The stainless steel tank with integrated heat exchanger is used for hot water preparation. It is supplied with a drain valve, non-removable insulation and a magnesium anode to protect the internal surfaces of the tank against corrosion.
	Working fluid	water (tank) - water, water-glycol mixture (max. 1:1), water-glycerine mixture (max. 2:1) (heat exchanger)
	Code	17615

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

Energy efficiency class	B
Static loss	42 W
Storage volume	162 l

**Technical data**

Total DHW tank volume	170 l
Fluid volume in DHW tank	162 l
Heat exchanger volume	8.0 l
Heat exchanger surface area	2.0 m <sup>2</sup>
Max. working temperature in DHW tank	95 °C
Max. working temperature in heat exchanger	95 °C
Max. working pressure in DHW tank	7 bar
Max. working pressure in heat exchanger	15 bar
DHW tank diameter	500 mm
DHW tank diameter with insulation	603 mm
DHW tank overall height	1075 mm
Tipping height	1233 mm
DHW tank empty weight	42 kg

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

Heat exchanger performance	32 kW, (780 l/h)
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**Materials**

DHW tank material	stainless steel AISI 316L
Heat exchanger material	stainless steel AISI 304
DHW tank insulation	EPU (expanded polyurethane)
DHW tank outer surface insulation	polyurethane

**Accessories**

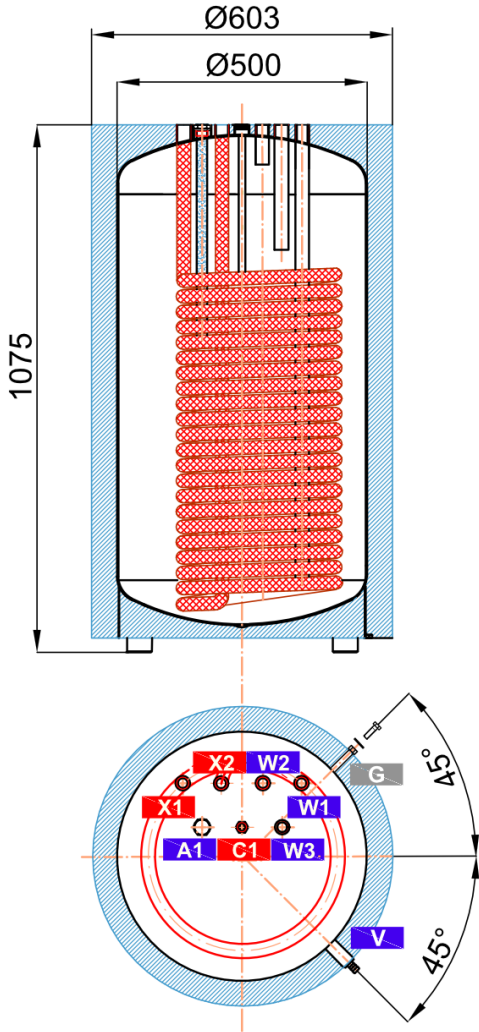
Electronic anode rod	code 13793
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**Spare parts (magnesium anode rods)**

Mg anode rod (A1)	code 6750
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Dimensions



CONNECTIONS

pos.	description	connection	height [mm]
<b>DHW heating</b>			
W1	Cold water	G 3/4" F	1060
W2	Domestic hot water	G 3/4" F	1060
W3	Recirculation	G 3/4" F	1060
<b>Control and safety</b>			
C1	Temperature sensor	G 1/2" F	1060
<b>Heat sources</b>			
X1	Supply from heat source	G 3/4" F	1060
X2	Return to heat source	G 3/4" F	1060
<b>Others</b>			
A1	Magnesium anode rod	G 3/4" F	1060
V	Drain valve	G 1/2" F	180
G	Grounding	M8	180

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Pressure drop diagram

