


**R0BC 500 Hot Water Storage Tank**

	<b>Main Features</b>	
	<b>Application</b>	Hot Water Storage Tank with no inner heat exchangers is intended for DHW heating. Up to 2 heat sources can be connected via external heat exchangers. 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.
	<b>Working fluid</b>	water
	<b>Code</b>	8795

<b>Energy Efficiency Data (as per EC Regulation No. 812/2013)</b>	
<b>Energy efficiency class</b>	N/A
<b>Static loss</b>	116 W
<b>Storage volume</b>	513 l

<b>Technical data</b>	
<b>Total DHW tank volume</b>	513 l
<b>Max. working temperature in DHW tank</b>	95 °C
<b>Max. working pressure in DHW tank</b>	10 bar
<b>DHW tank diameter</b>	650 mm
<b>DHW tank diameter with insulation</b>	760 mm
<b>DHW tank overall height</b>	1780 mm
<b>Tipping height</b>	1940 mm
<b>DHW tank empty weight</b>	120 kg

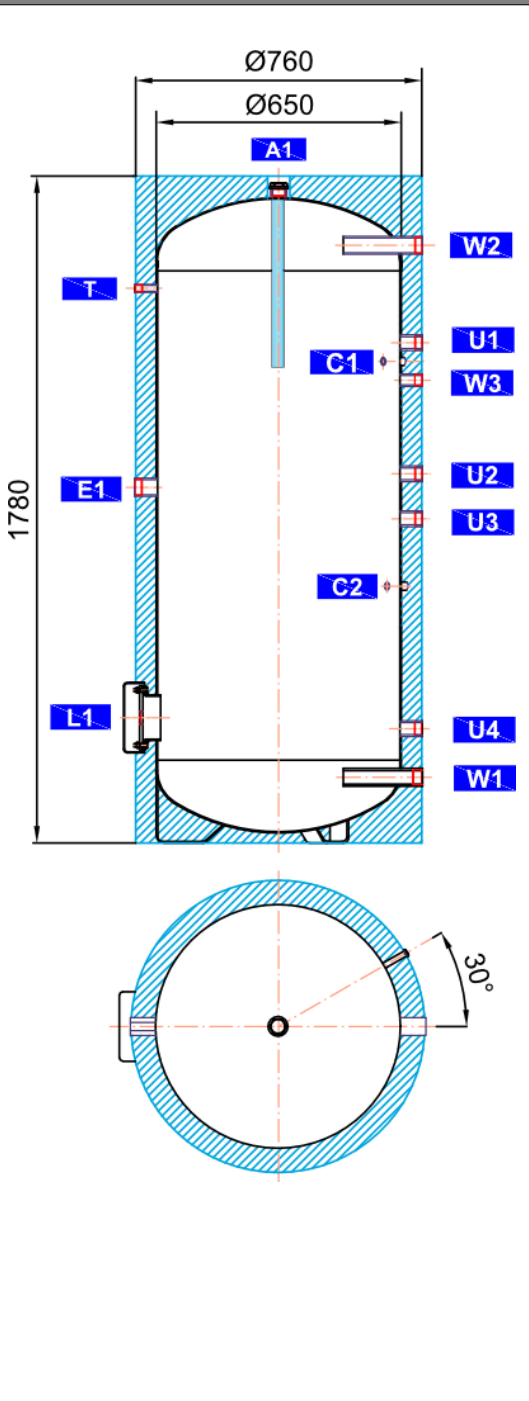
<b>Materials</b>	
<b>DHW tank material</b>	S235JR, inner surf. enamelled (DIN 4753-3)
<b>Heat exchanger material</b>	S235JR+N, outer surf. enamelled (DIN 4753-3)
<b>DHW tank insulation</b>	PU foam (hard)
<b>DHW tank outer surface insulation</b>	PVC

<b>Accessories</b>	
<b>Electric heating element</b>	models ETT-A, D2, M, N, R, S, F2, P, U
<b>Heating element max. length for E1 / flange</b>	680 mm / 680 mm
<b>Electronic anode rod</b>	code 9174
<b>Electronic anode rod for flange</b>	code 17432

<b>Spare parts (magnesium anode rods)</b>	
<b>Mg anode rod (A1)</b>	code 448
<b>Mg anode rod - chain type</b>	code 13112

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Dimensions



CONNECTIONS

pos.	description	connection	height [mm]
<b>DHW heating</b>			
W1	Cold water	G 6/4" F	175
W2	Domestic hot water	G 6/4" F	1595
W3	Recirculation	G 1" F	1235
<b>Auxiliary heat source</b>			
E1	Electric heating element	G 6/4" F	949
<b>Control and safety</b>			
C1	Temperature sensor	G 1/2" F	1285
C2	Temperature sensor	G 1/2" F	685
T	Thermometer	G 1/2" F	1480
<b>Universal inlet/outlet</b>			
U1	Universal inlet/outlet	G 5/4" F	1335
U2	Universal inlet/outlet	G 5/4" F	985
U3	Universal inlet/outlet	G 5/4" F	865
U4	Universal inlet/outlet	G 5/4" F	305
<b>Others</b>			
L1	Flange	8 x M10	335
A1	Magnesium anode rod	G 5/4" F	1750