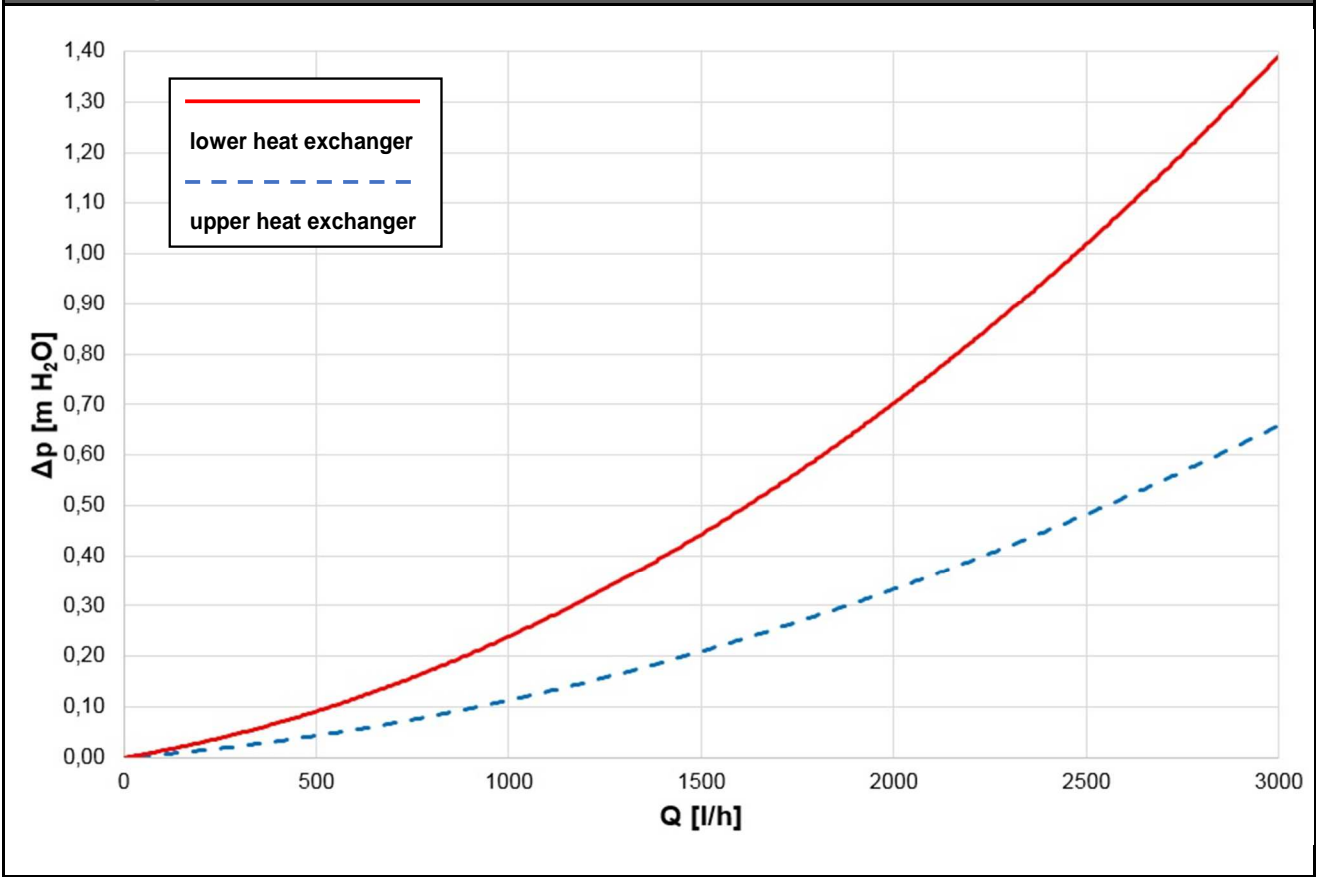


## R2BC 500 Hot Water Storage Tank



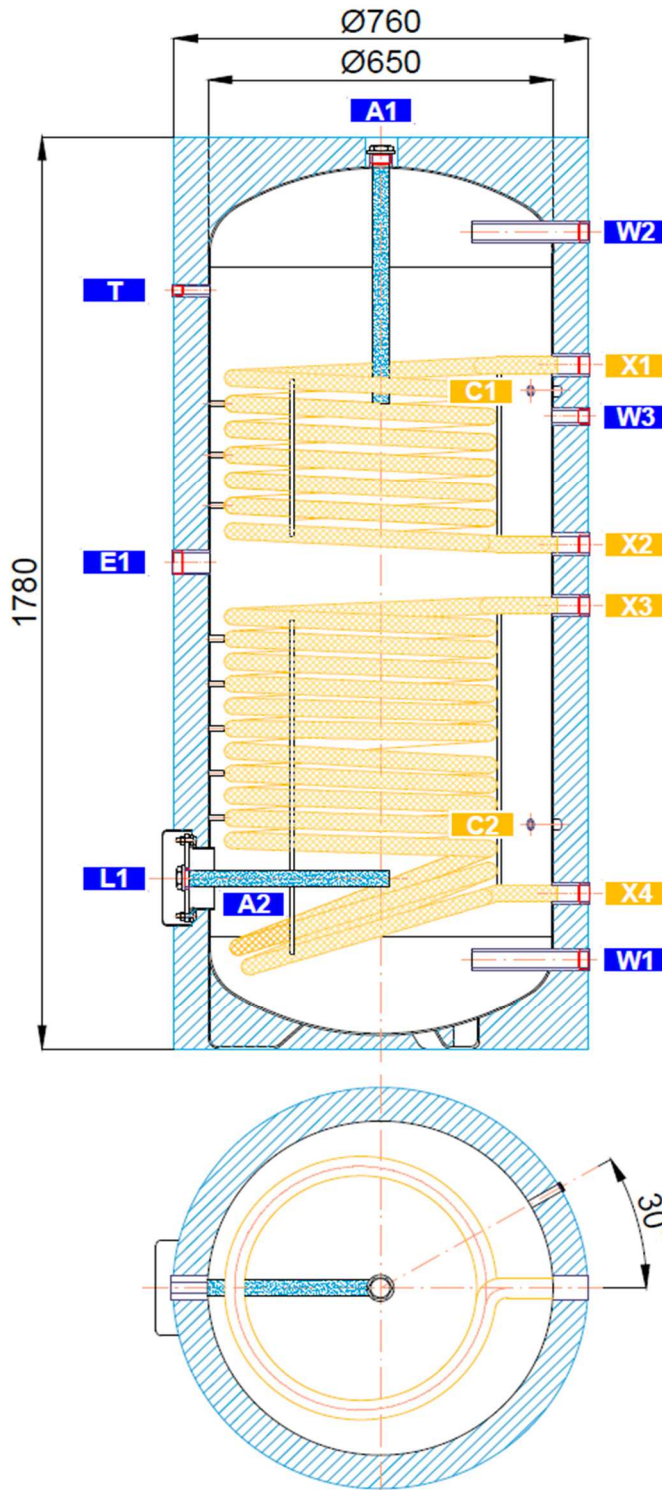
Main features	
Application	DHW heating
Description	hot water storage tank with integrated enamelled heat exchanger, permitting installation of an el. heating element
Working fluid	water (tank), water or water/glycol mixture (max. 1:1) (heat exchanger)
<b>Code</b>	<b>6484</b>
Energy Efficiency Data (as per EC Regulation No. 812/2013)	
	<b>R2BC 500</b>
Energy efficiency class	<b>C</b>
Standing loss	<b>102 W</b>
Storage volume	<b>495 l</b>
Technical data	
Total tank volume	514 l
Fluid volume in tank	495 l
Upper heat exchanger (HE) volume	7 l
Lower heat exchanger volume	12 l
Upper heat exchanger surface area	0,9 m <sup>2</sup>
Lower heat exchanger surface area	1,9 m <sup>2</sup>
Max. working temperature in tank	95 °C
Max. working temperature in HE	110 °C
Max. working pressure in tank	10 bar
Max. working pressure in HE	10 bar
Hot water heating from 10 °C to 45 °C at heating water temp. of 60 °C	
Upper heat exchanger	760 l/h (31,1 kW)
Lower heat exchanger	1620 l/h (65,8 kW)
Materials	
Tank material	S235JR, inner surface enamelled (DIN 4756)
Heat exchanger material	S235JR+N, outer surface enamelled (DIN 4756)
Tank perimeter insulation	PU foam (hard)
Insulation's outer surface	PVC / ABS
Dimensions, Tipping height, Weight	
Tank diameter	650 mm
Tank diameter with insulation	760 mm
Tank overall height	1780 mm
Tipping height	1940 mm
Empty weight	168 kg
Accessories	
El. heating element	models ETT-A, D, F, G, M
Heating elem. max. length / output	680 mm / 9,0 kW
Electronic anode rod	code 9 174
Spare parts (magnesium anode rods)	
Mg anode r. (A1), G 5/4"	code 448
Mg anode r. - into flange (A2,3), G 5/4"	code 4 025

Heat exchanger pressure drop



**Dimensions**

Tipping height 1940 mm.



TAPPINGS		
pos.	connection	height [mm]
<b>DHW heating</b>		
W1	G 5/4" F	175
W2	G 5/4" F	1595
W3	G 1" F	1235
<b>El. heating elements</b>		
E1	G 6/4" F	949
<b>Control and safety</b>		
C1	G 1/2" F	1235
C2	G 1/2" F	685
T	G 1/2" F	1480
<b>Solar thermal system</b>		
X1	G 5/4" F	1335
X2	G 5/4" F	985
X3	G 5/4" F	865
X4	G 5/4" F	305
<b>Flange</b>		
L1	8 x M10	335
<b>Magnesium anode rod</b>		
A1	G 5/4" F	1760
A2	G 5/4" F	335