

# UPRIGHT TANK

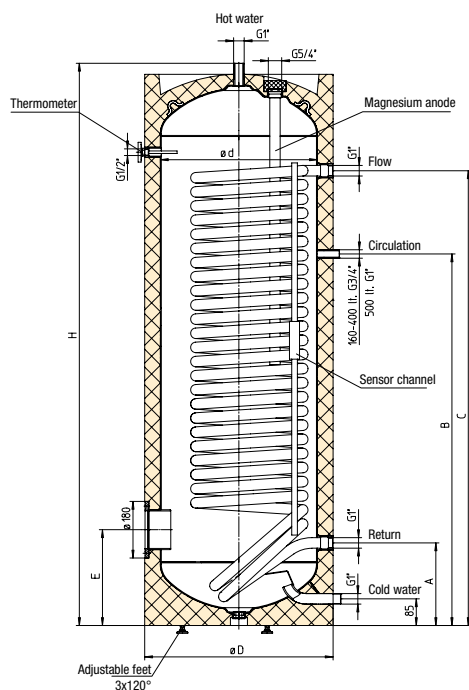


HIGH-  
PERFORMANCE  
HEAT EXCHANGER  
UPRIGHT TANK  
HR 160, HR 200  
HR 300, HR 400  
HR 500



**AE**  
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# HIGH-PERFORMANCE HEAT EXCHANGER UPRIGHT TANK



This series of products is distinguished by generously dimensioned heating surfaces and excellent performance figures and has been specially designed for use in combination with condensing devices and heat pumps.

- Internal boiler enamelled according to DIN 4753
- Operating pressure: max 10 bar (6 bar in Switzerland)
- Operating temperature: max. 95 °C
- Straight-tube heat exchanger with very large heating surfaces
- Energy-saving 50 mm PU insulation
- Foil jacket delivered separately (silver-grey)
- Circulation: ¾" male thread for HR 160 – HR 400 1" male thread for HR 500
- Variable sensor position (sensor channel)
- High-quality dial thermometer
- Magnesium sacrificial anode according to DIN 4753

## ACCESSORIES:

- Mounted thermometer charge pump controller combination AT R
- Flange immersion heater, 180 mm
- Safety and check valve DL-SVRV
- Impressed current anode (add-on kit)
- Finned tube heat exchanger
- For more information, please see our accessories brochure

Model	Dimensions in mm						Diagonal height	Pipe array heating surface	Pipe array capacity	Standby energy consumption <sup>1)</sup>	Weight	N <sub>L</sub> number
	A	B	C	D	E	H						
HR 160	263	668	818	600	305	1118	1240	1,4	8,9	1,5	105	3,5
HR 200	263	803	998	600	305	1340	1440	1,8	11,8	1,8	108	5,5
HR 300	263	983	1313	600	305	1797	1870	2,6	17,0	2,2	140	10
HR 400	320	1000	1460	670	345	1832	1930	3,8	24,0	2,5	182	16
HR 500	370	1095	1465	750	370	1838	1970	4,0	24,9	2,7	190	19

<sup>1)</sup> EN 12897

	Impressed current anode												
Supply temperature	70°C	70°C	70°C	80°C	80°C	80°C	70°C	70°C	70°C	70°C	80°C	80°C	80°C
Hot water temperature	45°C	45°C	45°C	45°C	45°C	45°C	60°C	60°C	60°C	60°C	60°C	60°C	60°C
Cold water temperature	10°C	10°C	10°C	10°C	10°C	10°C	10°C	10°C	10°C	10°C	10°C	10°C	10°C
Circuit flow rate	1m³/h	2m³/h	3m³/h	1m³/h	2m³/h	3m³/h	1m³/h	2m³/h	3m³/h	1m³/h	2m³/h	3m³/h	3m³/h
HR 160	23,0	28,9	31,8	29,8	38,3	42,7	17,1	20,8	22,4	24,8	31,0	33,9	33,9
HR 200	28,5	36,3	40,4	36,7	47,5	53,2	21,6	26,2	28,6	30,7	38,5	42,7	42,7
HR 300	35,5	48,5	55,6	44,9	63,1	73,1	28,0	36,8	41,8	39,1	53,0	60,7	60,7
HR 400	41,0	58,5	68,7	50,8	74,1	87,1	32,6	44,8	51,8	44,4	62,9	73,6	73,6
HR 500	43,1	61,9	72,3	53,5	78,0	91,7	34,3	47,2	54,5	46,7	66,2	77,5	77,5

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