UPRIGHT TANK

HIGH-PERFORMANCE HEAT EXCHANGER UPRIGHT TANK

HR 160, HR 200
HR 300, HR 400
HR 500

Austria Email

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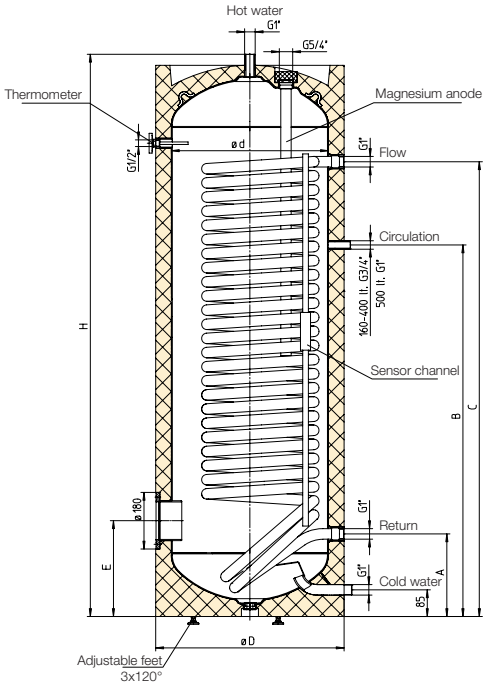

This series of products is distinguished by generously dimensioned heating surfaces and excellent performance figures and has been specially designed for use in combination with condensing devices and heat pumps.

- 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

TECHNICAL DETAILS

Type	Dimensions in mm						Diagonal height	Pipe array heating surface	Pipe array capacity	Weight	N_L number
	A	B	C	D	E	H					
HR 160	263	668	818	600	305	1118	1240	1,4	8,9	76	3,5
HR 200	263	803	998	600	305	1340	1440	1,8	11,8	90	5,5
HR 300	263	983	1313	600	305	1797	1870	2,6	17,0	120	10
HR 400	320	1000	1460	670	345	1832	1930	3,8	24,0	169	16
HR 500	370	1095	1465	750	370	1838	1970	4,0	24,9	180	19

	Impressed current anode											
Supply temperature	70°C	70°C	70°C	80°C	80°C	80°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
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
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
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
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
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
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
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

ECO DESIGN - LABELING

Type	Content in litres	Heat loss in EN 12897		Zapf Profile	Energy Efficiency Class
		in kWh/24h	in Watt		
HR 160	160	1,47	61,3	L	C
HR 200	200	1,67	69,6	XL	C
HR 300	300	2,19	91,3	XXL	C
HR 400	400	2,45	102,1	XXL	C
HR 500	500	2,72	113,3	3XL	C

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