

UPRIGHT TANK

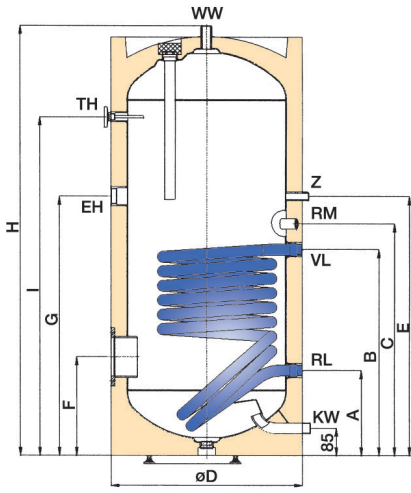
AUXILIARY
STORAGE TANK
WITH FOIL JACKET

HT 120 ER
HT 160 ERM
HT 200 ERM
HT 300 ERM
HT 400 ERM
HT 500 ERM



AE
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AUXILIARY STORAGE TANK WITH FOIL JACKET



- TH- Thermometer ½" female threads
- EH- Screw-in heater sleeve ½", female threads
- Z - Circulation ¾", male threads (1" at HT 500 ERM)
- RM- Regulating sleeve ½", female threads
- VL- Boiler supply 1" female threads
- RL- Boiler return 1", female threads
- WW- Hot water outlet 1", male threads
- KW- Cold water supply 1", male threads
- Bride: Ø 180 mm

- Large heat exchanger surfaces
- Welded-in high-performance straight-tube heat exchanger (not susceptible to limescale)
- Enamelling and Mg anode comply with DIN 4753
- High-quality PU insulation, 50 mm
- Upward-facing hot water outlet guarantees complete venting
- Thermometer, dummy flange (D 180 mm, DN 110) and flange insulating cover fitted ex works
- All storage tanks include 1½" sleeve (sealed ex works) for SH-series screw-in heaters (except HT 120 ER)
- Sensor positioning via dip tube (regulating sleeve)
- Operating pressure 10 bar

ACCESSORIES:

- Capillary tube charge pump controller
- Foil jacket included in delivery, leading to reduced stock inventory
- Height-adjustable feet and plastic rosettes included

TECHNICAL DETAILS

Model	A mm	B mm	C mm	ø D mm	E mm	F mm	G mm	H mm	I mm	Anode mm	Diagonal height mm	Weight kg	ETE ¹⁾ mm	ETF ¹⁾ mm
HT 120 ER	263	503	543	600	403	305	-	913	633	ø 33 x 300	1100	70	-	400
HT 160 ERM	263	503	583	610	668	305	668	1118	228	ø 33 x 300	1240	76	520	420
HT 200 ERM	263	638	718	610	803	305	803	1340	1050	ø 33 x 430	1440	88	520	420
HT 300 ERM	263	818	898	610	983	305	983	1797	1507	ø 33 x 600	1860	115	520	420
HT 400 ERM	320	880	960	680	1000	345	1000	1832	1521	ø 33 x 700	1930	145	590	490
HT 500 ERM	370	930	1010	760	1095	470	1095	1838	1498	ø 33 x 700	1965	160	670	580

1) Installation depth of screw-in heater sleeve for SH heating

2) Installation depth of flange (for built-in heater or finned tube heat exchanger)

Model	Heating surface in m ²	Flow performances in kW or l/h												Performance indicator N _L
		70°C	70°C	70°C	80°C	80°C	80°C	70°C	70°C	70°C	80°C	80°C	80°C	
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	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
Flow quantity		1 m ³ /h	2 m ³ /h	3 m ³ /h	1 m ³ /h	2 m ³ /h	3 m ³ /h	1 m ³ /h	2 m ³ /h	3 m ³ /h	1 m ³ /h	2 m ³ /h	3 m ³ /h	3 m ³ /h
HT 120 ER	0,57	10,5	12,0	12,6	13,3	15,2	16,0	8,3	9,5	10,0	11,8	13,5	14,3	1,4
HT 160 ERM	0,57	11,9	13,9	14,9	15,6	18,5	19,8	8,5	9,7	10,3	12,5	14,7	15,7	2,2
HT 200 ERM	0,91	18,0	21,7	23,5	23,3	28,4	31,0	13,2	15,5	16,6	19,1	22,9	24,8	4,0
HT 300 ERM	1,40	23,0	30,1	31,8	29,8	39,1	42,7	17,1	20,9	22,4	24,8	31,0	33,9	9,2
HT 400 ERM	1,76	27,2	34,8	38,9	35,1	45,1	50,7	20,4	25,5	27,5	29,3	37,1	41,2	14,6
HT 500 ERM	1,95	29,8	39,2	44,2	38,3	51,2	58,1	21,9	27,2	29,5	31,7	42,1	48,1	17,7

ECO DESIGN - LABELING

Type	Content l	Heat loss in EN 12897		Zapf Profile	Energy Efficiency Class
		in kWh/24h	in Watt		
HT 120 ER	120	1,24	52,0	L	B
HT 160 ERM	160	1,47	61,3	L	C
HT 200 ERM	200	1,67	69,6	XL	C
HT 300 ERM	300	2,19	91,3	XXL	C
HT 400 ERM	400	2,45	102,1	XXL	C
HT 500 ERM	500	2,72	113,3	3XL	C

Head office and factory: Austria Email AG

A-8720 Knittelfeld, Austriastrasse 6
 Phone (03512) 700-0, Fax (03512) 700-239
 Internet: www.austria-email.at
 E-mail: office@austria-email.at
 Customer Service: Phone (03512) 700-297
 E-mail: kundendienst@austria-email.at

Sales offices Germany:

Germany North/East
 D-14770 Brandenburg, Beetzseeufer 3
 Phone 0049/(0)3381 / 766-0
 Fax 0049/(0)3381 / 766-244
 E-mail: sgobi@austria-email.at

Germany South

D-92637 Weiden/Opf., Parksteiner Strasse 49
 Phone 0049/(0)961 / 63 490-0
 Fax 0049/(0)961 / 63 490-30
 E-mail: ahimer@austria-email.at

