

HRWP 850 - 1500



Combined storage tank heat pump, solar HRWP 850 - 1500

Application

The combined system storage tank for the heat pump. With clear zone separation thanks to polyethylene separation baffles. Hygienic hot water preparation thanks to built-in stainless steel corrugated pipe.

Corrosion protection for parts with drinking water contact

Stainless steel

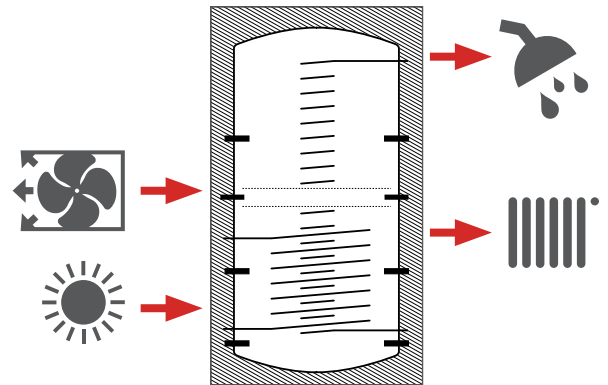
External corrosion protection

Powder coating

Heat insulation

Type 850-1000: 110 mm PU rigid foam half-shell with soft sleeve

Type 1500: 110 mm half-shell made of EPS with ABS sleeve



Model overview HRWP 850 - 1500

Type	Article no.	Volume	Height with insulation	Tilt height	Installation diameter	Weight (empty)	Surface HE corrugated pipe / HE bottom	Energy efficiency class
Unit	[-]	[l]	[mm]	[mm]	[mm]	[kg]	[m²]	[-]
HRWP 850	STD0850HRWP	826	1980	1985	790	175	6 / 2,4	C
HRWP 1000	STD1000HRWP	903	2130	2140	790	181	6 / 2,4	C
HRWP 1500	STD1500HRWP	1526	2290	2290	1000	301	9,8 / 3,9	C

Heat pump storage tank

Technical specifications HRWP 850 - 1500

Type	Unit	HRWP 850	HRWP 1000	HRWP 1500
Article no.	[-]	STD0850HRWP	STD1000HRWP	STD1500HRWP
Volume	[l]	826	903	1526
Drinking water content	[l]	30.5	30.5	50,5
Content heating side	[l]	786.7	858.2	1452
Content HE bottom	[l]	12.8	15.3	23,5
Height with insulation	[mm]	1980	2130	2290
Diameter with insulation	[mm]	1030	1030	1250
Diameter without insulation	[mm]	790	790	1000
Tilt height	[mm]	1985	2140	2290
Installation diameter	[mm]	790	790	1000
Weight (empty)	[kg]	175	181	301
Max. operating pressure heating side	[bar]	3	3	3
Test pressure heating side	[bar]	4.5	4.5	4,5
Max. operating pressure hot drinking water side	[bar]	6	6	6
Test pressure hot drinking water side	[bar]	9	9	9
Max. operating pressure solar side	[bar]	10	10	10
Test pressure solar side	[bar]	15	15	15
Max. operating temperature heating side	[°C]	95	95	95
Max. operating temperature hot drinking water side	[°C]	95	95	95
Max. operating temperature solar side	[°C]	95	95	95
Surface HE corrugated pipe	[m²]	6	6	9,8
Surface HE bottom	[m²]	2.4	2.4	3,9
Insulation thickness	[mm]	110	110	110
Max. installation length EHP	[mm]	800	800	1000
Max. output EHP	[kW]	9	9	9
On-demand heat overhead	[kWh/d]	2.6	3	4,1
Holding losses	[W]	124	135	171
Energy efficiency class	[-]	C	C	C
Insulation material	[-]	PU rigid foam shell		EPS
Corrosion protection	[-]	Stainless steel		

Connections and dimensions HRWP 850 - 1500

Connections		Unit	HRWP 850	HRWP 1000	HRWP 1500
ENT	Ventilation	[mm]	1880 1" IT	2030 1" IT	2220 1¼" IT
KV	Boiler supply	[mm]	1740 1½" IT	1890 1½" IT	1985 1½" IT
KR	Boiler return	[mm]	240 1½" IT	240 1½" IT	335 1½" IT
WPV	Heat pump supply	[mm]	940 1½" IT	1090 1½" IT	1135 1½" IT
HZV	Heating supply	[mm]	940 1½" IT	1090 1½" IT	1135 1½" IT
WPR 1	Heat pump return 1	[mm]	1255 1½" IT	1405 1½" IT	1470 1½" IT
WPR 2	Heat pump return 2	[mm]	565 1½" IT	690 ½" IT	765 1½" IT
SVL	Solar supply	[mm]	595 1" IT	660 1" IT	750 1" IT
SRL	Solar return	[mm]	320 1" IT	300 1" IT	415 1" IT
ENL	Draining	[mm]	140 1½" IT	140 1½" IT	235 1½" IT
WW	Hot water	[mm]	1640 1" OT	1790 1" OT	1855 1" OT
EHP 1	Electric heating cartridge 1	[mm]	1145 1½" IT	1295 1½" IT	1280 1½" IT
EHP 2	Electric heating cartridge 2	[mm]	735 1½" IT	870 1½" IT	940 1½" IT
KW	Cold water	[mm]	240 1" OT	240 1" OT	335 1" OT
HZR1	Heating return 1	[mm]	565 1½" IT	690 1½" IT	765 1½" IT
HZR2	Heating return 2	[mm]	240 1½" IT	240 1½" IT	335 1½" IT
F/TH	Sensor/Thermometer	[mm]	1555 Ø 17,2	1705 Ø 17,2	1800 Ø 17,2
FWN	Hot water post-heating sensor	[mm]	1305 Ø 17,2	1455 Ø 17,2	1530 Ø 17,2
FHN	Heating sensor post-heating	[mm]	665 Ø 17,2	800 Ø 17,2	870 Ø 17,2
FS	Solar sensor	[mm]	458 Ø 17,2	480 Ø 17,2	550 Ø 17,2

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