

4.1 GENERAL TECHNICAL DATA

EW-HT

[SI System]

EW-HT			0152	0182	0202	0262	0302	0412	0512	0612
Power supply			V/ph/Hz 400/3/50 400/3/50 400/3/50 400/3/50 400/3/50 400/3/50 400/3/50 400/3/50							
PERFORMANCE										
HEATING ONLY (GROSS VALUE)										
Total heating capacity	(1)	kW	70,2	79,3	92,5	113	139	181	225	279
Total power input	(1)	kW	17,0	18,9	22,0	27,9	34,2	43,7	55,1	67,6
COP	(1)	kW/kW	4,13	4,20	4,20	4,05	4,08	4,14	4,08	4,13
HEATING ONLY (EN14511 VALUE)										
Total heating capacity	(1)(2)	kW	70,4	79,5	92,7	113	140	181	225	280
COP	(1)(2)	kW/kW	4,01	4,07	4,08	3,94	3,98	4,04	4,01	4,06
EXCHANGERS										
HEAT EXCHANGER USER SIDE IN HEATING										
Water flow	(1)	l/s	2,15	2,42	2,83	3,45	4,26	5,52	6,87	8,54
Pressure drop	(1)	kPa	23,9	25,0	24,2	24,2	19,7	19,8	19,8	20,1
HEAT EXCHANGER SOURCE SIDE IN HEATING										
Water flow	(1)	l/s	2,62	2,97	3,47	4,19	5,18	6,74	8,35	10,41
Pressure drop	(1)	kPa	45,4	46,7	51,8	53,8	49,7	50,1	37,6	37,7
REFRIGERANT CIRCUIT										
Compressors nr.		N°	2	2	2	2	2	2	2	2
Number of capacity		N°	2	2	2	2	2	2	2	2
No. Circuits		N°	2	2	2	2	2	2	2	2
Regulation			STEPS	STEPS	STEPS	STEPS	STEPS	STEPS	STEPS	STEPS
Min. capacity step		%	50	50	50	50	50	50	50	50
Refrigerant			R134a	R134a	R134a	R134a	R134a	R134a	R134a	R134a
Refrigerant charge		kg	6	7	8	9	10	11	12	13
Oil charge		kg	5	7	7	7	7	9	14	13
NOISE LEVEL										
Sound Pressure	(3)	dB(A)	58	58	58	60	60	62	62	64
Sound power level in heating	(4)(5)	dB(A)	74	74	74	76	76	78	78	80
SIZE AND WEIGHT										
A	(6)	mm	1223	1223	1223	1223	1223	1223	1223	1223
B	(6)	mm	877	877	877	877	877	877	877	877
H	(6)	mm	1496	1496	1496	1496	1496	1496	1496	1496
Operating weight	(6)	kg	365	380	390	415	430	610	675	740

Notes:

1 Plant (side) heating exchanger water (in/out) 70,0°C/78,0°C; Source (side) heat exchanger water (in/out) 45,0°C/40,0°C.

2 Values in compliance with EN14511-3:2013.

3 Average sound pressure level at 1m distance, unit in a free field on a reflective surface; non-binding value calculated from the sound power level.

4 Sound power on the basis of measurements made in compliance with ISO 9614.

5 Sound power level in heating, indoors.

6 Unit in standard configuration/execution, without optional accessories.

- Not available