

COMMERCIAL HEAT PUMP

MONOBLOCK 50 A 100 kW (PRELIMINARY)

ERAmaster
Efficient. Reliable. Affordable.



		ERA ^{master} 50 kW	ERA ^{master} 100 kW
Energy efficiency class (ERP at 35/55 °C)	kW	A+++/A+++	A+++/A+++
Heating capacity range (according to A7/W35)		13,62 ~ 50,00	27,24 ~ 100,00
SCOP EN 14825 Average climate, 35/55°C		5,1 / 3,9	5,1 / 3,9
Prated EN 14825 (35/55°C) (kW)		34 / 32	66 / 60
Cooling capacity range (according to A35/W7)	kW	7,60 ~ 35,00	15,20 ~ 70,00
Sound power according to EN 12102	dB (A)	75	77
Sound pressure 1m according to EN 12102	dB (A)	58	60
Nominal heating water flow	m3	8,6	17,2
Minimum heating water flow	l/s	1,7	3,3
Condenser pressure drop	kPa	25	28
Minimum heating water volume	litres	400	800
Maximum heating water outlet temperature	°C	75	75
Min. ambient temperature - heating / DHW	°C	-25	-25
Max. ambient temperature - heating / DHW	°C	43	43
Min. ambient temperature - cooling	°C	10	10
Max. ambient temperature - cooling	°C	43	43
Supply voltage	V	400	400
Circuit breaker size/type	A/C	3x40	3x80
Start-up current	A	12	25
Steady current	A	37,2	74,7
Max. operating current	A	37,2	74,7
Max. el. power input (compressor)	kW	22 (2x11)	44 (2x22)

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Height without packing	mm	2435	2435
Width without packing	mm	1095	2190
Depth without packing	mm	1315	1315
Weight without packing	kg	450	890
Height with packing	mm	2535	2535
Width with packing	mm	1100	2200
Depth with packing	mm	1350	1350
Weight with packing	kg	465	910
Type of hydraulic connection		flange	flange
Dimensions of hydraulic connection		DN 50	DN 65
Number of fans		1	2
Type of refrigerant		R290	R290
Weight of refrigerant	kg	2x2,0	4x2,0
Min. distance from left side	mm	2000	2000
Min. distance from right side	mm	2000	2000
Min. distance from front side	mm	2000	2000
Min. distance from rear side	mm	2000	2000
Min. distance from top side	mm	3000	3000

