



Moon&Sun Partners a.s., info@moonpartners.cz, www.moonpartners.cz

Low ambient temperature air source cascade heat pump

95 °C high temperature water heater

Model	Operating temperature range-20°C~43°C		MSP400 DC
Model Description	Heating water quality:PH6.5~8.5 Hardness less than 3mol/L		180P
Heating Condition	Heating Capacity	Kw	399
Ta=20/15°C	Energy efficiency ratio	COP	2,97
Tw=85/90°C	Input Power	Kw	134,4
	Input Current	A	226,8
Heating Condition	Heating Capacity	Kw	300
Ta=-0/-2°C	Energy efficiency ratio	COP	2,39
Tw=85/90°C	Input Power	Kw	124,8
	Input Current	A	210,6
Heating Condition	Heating Capacity	Kw	316
Ta=-15/-17°C	Energy efficiency ratio	COP	2,02
Tw=85/90°C	Input Power	Kw	117,9
	Input Current	A	199,2
	Max Input Power	Kw	174,6
	Max Input Current	A	294,9
	Power Supply	V/PH/HZ	380V~50HZ/3PH
	Operating Environment Temperature	°C	(-30~43)
	Circulating water volume (temperature difference of 5°C)	m³/h	22,9
	Water side pressure loss	Kpa	56
	Rated hot water temperature	°C	60
	Max outlet temperature	°C	90
	Waterpipe joint	inch	G3.5" internal teeth
	Water Pump QTY	PCS	/
	Compressor QTY	PCS	6
	Fan QTY	PCS	3
	Fan diameter	mm	1000
	Noise	dB(A)	77
Product size	L/W/H	mm	2250*3950*2500
Packing size	L/W/H	mm	2320*3990*2500
Net weight/Gross weight		kg	7100/7410