



Super Chill Heat Pump Specifications

Cooling Capacity				Sci2-8	Sci2-13	Sci2-17
Air 35°C Water 29°C	Cooling Capacity	kW		5.08 ~ 8.31	5.56 ~ 13.15	7.58 ~ 16.75
	Consumed Power	kW		1.18 ~ 2.90	0.7 ~ 2.45	1.34 ~ 5.02
	EER			4.30 ~ 2.87	7.94 ~ 5.37	5.66 ~ 3.34
Air 27°C Water 5°C	Cooling Capacity	kW		3.05 ~ 6.18	3.62 ~ 7.30	4.92 ~ 10.83
	Consumed Power	kW		0.93 ~ 2.71	0.63 ~ 1.82	1.09 ~ 3.67
	EER			3.28 ~ 2.28	5.75 ~ 4.01	4.51 ~ 2.95
Air 15°C Water 5°C	Cooling Capacity	kW		5.07 ~ 8.38	5.33 ~ 9.89	6.21 ~ 13.94
	Consumed Power	kW		1.04 ~ 2.95	0.88 ~ 1.94	1.03 ~ 3.75
	EER			4.88 ~ 2.84	6.06 ~ 5.10	6.03 ~ 3.72
Heating Capacity						
Air 27°C Water 26°C	Heating Capacity	kW		3.73 ~ 18.09	4.34 ~ 21.08	5.55 ~ 28.14
	Consumed Power	kW		0.31 ~ 3.17	0.27 ~ 2.94	0.45 ~ 4.94
	COP			12.03 ~ 5.71	16.34 ~ 7.18	12.33 ~ 5.70
Air 15°C Water 26°C	Heating Capacity	kW		5.51 ~ 12.85	3.04 ~ 14.95	3.85 ~ 20.30
	Consumed Power	kW		0.81 ~ 3.24	0.35 ~ 2.97	0.46 ~ 4.65
	COP			6.80 ~ 3.97	8.66 ~ 5.04	8.37 ~ 4.37
Technical Specifications	Operating Air Temperature	°C		0 ~ 43		
	Refrigerant			R32		
	IPX Rating			IPX4		
	Sound Pressure at 1m		dB(A)	46 ~ 56	47 ~ 57	48 ~ 59
	Net Dimensions	L x W x H	mm	1002 x 391 x 654	1192 x 447 x 775	1192 x 447 x 775
	Shipping Dimensions	L x W x H	Mm	1065 x 420 x 786	1255 x 470 x 917	1255 x 470 x 917
	Net / Shipping Weight		Kg	70 / 79	82 / 96	89 / 103
Electrical	Power Supply		V/Ph/Hz	230/1/50	230/1/50	230/1/50
	Electrical Connection			Hardwired	Hardwired	Hardwired
	Max Running Current	per phase	amp	18.48	21.94	27.39
Water	Connection		mm	40	40	40
	Minimum Flow Volume		l/m	130	160	210
	Pressure Drop	max	kPa	29	36	36