



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 × 391 × 654	1192 × 447 × 775	1192 × 447 × 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



Sci2-8 Super Chill Heat Pump Specifications



Cooling Capacity			
Air 35°C Water 29°C	Cooling Capacity	kW	5.08 ~ 8.31
	Consumed Power	kW	1.18 ~ 2.90
	EER		4.30 ~ 2.87
Air 27°C Water 5°C	Cooling Capacity	kW	3.05 ~ 6.18
	Consumed Power	kW	0.93 ~ 2.71
	EER		3.28 ~ 2.28
Air 15°C Water 5°C	Cooling Capacity	kW	5.07 ~ 8.38
	Consumed Power	kW	1.04 ~ 2.95
	EER		4.88 ~ 2.84
Heating Capacity			
Air 27°C Water 26°C	Heating Capacity	kW	3.73 ~ 18.09
	Consumed Power	kW	0.31 ~ 3.17
	COP		12.03 ~ 5.71
Air 15°C Water 26°C	Heating Capacity	kW	5.51 ~ 12.85
	Consumed Power	kW	0.81 ~ 3.24
	COP		6.80 ~ 3.97
Technical Specifications	Operating Air Temperature	°C	0 ~ 43
	Refrigerant		R32
	IPX Rating		IPX4
	Sound Pressure at 1m	dB(A)	46 ~ 56
	Net Dimensions	<i>L x W x H</i> Mm	1002 × 391 × 654
	Shipping Dimensions	<i>L x W x H</i> Mm	1065 x 420 x 786
	Net / Shipping Weight	Kg	70 / 79
Electrical	Power Supply	V/Ph/Hz	230/1/50
	Electrical Connection		Hardwired
	Max Running Current	<i>per phase</i> amp	18.48
Water	Connection	mm	40
	Minimum Flow Volume	l/m	130
	Pressure Drop	<i>max</i> kPa	29



Sci2-13 Super Chill Heat Pump Specifications



Cooling Capacity				
Air 35°C Water 29°C	Cooling Capacity	kW	5.56 ~ 13.15	
	Consumed Power	kW	0.7 ~ 2.45	
	EER		7.94 ~ 5.37	
Air 27°C Water 5°C	Cooling Capacity	kW	3.62 ~ 7.30	
	Consumed Power	kW	0.63 ~ 1.82	
	EER		5.75 ~ 4.01	
Air 15°C Water 5°C	Cooling Capacity	kW	5.33 ~ 9.89	
	Consumed Power	kW	0.88 ~ 1.94	
	EER		6.06 ~ 5.10	
Heating Capacity				
Air 27°C Water 26°C	Heating Capacity	kW	4.34 ~ 21.08	
	Consumed Power	kW	0.27 ~ 2.94	
	COP		16.34 ~ 7.18	
Air 15°C Water 26°C	Heating Capacity	kW	3.04 ~ 14.95	
	Consumed Power	kW	0.35 ~ 2.97	
	COP		8.66 ~ 5.04	
Technical Specifications	Operating Air Temperature		°C	0 ~ 43
	Refrigerant			R32
	IPX Rating			IPX4
	Sound Pressure at 1m		dB(A)	47 ~ 57
	Net Dimensions	<i>L x W x H</i>	mm	1192 × 447 × 775
	Shipping Dimensions	<i>L x W x H</i>	mm	1255 x 470 x 917
	Net / Shipping Weight		Kg	82 / 96
Electrical	Power Supply		V/Ph/Hz	230/1/50
	Electrical Connection			Hardwired
	Max Running Current	<i>per phase</i>	amp	21.94
Water	Connection		mm	40
	Minimum Flow Volume		l/m	160
	Pressure Drop	<i>max</i>	kPa	36



Sci2-17 Super Chill Heat Pump Specifications



Cooling Capacity			
Air 35°C Water 29°C	Cooling Capacity	kW	7.58 ~ 16.75
	Consumed Power	kW	1.34 ~ 5.02
	EER		5.66 ~ 3.34
Air 27°C Water 5°C	Cooling Capacity	kW	4.92 ~ 10.83
	Consumed Power	kW	1.09 ~ 3.67
	EER		4.51 ~ 2.95
Air 15°C Water 5°C	Cooling Capacity	kW	6.21 ~ 13.94
	Consumed Power	kW	1.03 ~ 3.75
	EER		6.03 ~ 3.72
Heating Capacity			
Air 27°C Water 26°C	Heating Capacity	kW	5.55 ~ 28.14
	Consumed Power	kW	0.45 ~ 4.94
	COP		12.33 ~ 5.70
Air 15°C Water 26°C	Heating Capacity	kW	3.85 ~ 20.30
	Consumed Power	kW	0.46 ~ 4.65
	COP		8.37 ~ 4.37
Technical Specifications	Operating Air Temperature	°C	0 ~ 43
	Refrigerant		R32
	IPX Rating		IPX4
	Sound Pressure at 1m	dB(A)	48 ~ 59
	Net Dimensions	<i>L x W x H</i> mm	1192 × 447 × 775
	Shipping Dimensions	<i>L x W x H</i> mm	1255 x 470 x 917
	Net / Shipping Weight	Kg	89 / 103
Electrical	Power Supply	V/Ph/Hz	230/1/50
	Electrical Connection		Hardwired
	Max Running Current	<i>per phase</i> amp	27.39
Water	Connection	mm	40
	Minimum Flow Volume	l/m	210
	Pressure Drop	<i>max</i> kPa	36