

# SPECIFICATIONS

Brisbane      Sydney      Melbourne      Tasmania      Adelaide      Perth

	Extended Season	All Year	Extended Season	All Year	Extended Season	All Year	Extended Season	All Year	Extended Season	All Year	Extended Season	All Year
10m <sup>2</sup>	C8	C8	C8	C10	C8	C10	C8	C10	C8	C10	C8	C10
15m <sup>2</sup>	C8	C10	C8	C17	C8	C17	C8	C17	C8	C17	C8	C17
20m <sup>2</sup>	C8	C10	C8	C17	C8	C17	C10	C17	C8	C17	C8	C17
25m <sup>2</sup>	C8	C17	C8	C17	C10	C21	C10	C21	C10	C21	C8	C17
30m <sup>2</sup>	C8	C17	C10	C17	C10	C21	C17	C21	C10	C21	C10	C17
35m <sup>2</sup>	C10	C17	C10	C21	C17	C25	C17	C25	C17	C25	C10	C21
40m <sup>2</sup>	C10	C17	C17	C25	C17	C25	C17	C35	C17	C25	C17	C25
50m <sup>2</sup>	C17	C21	C17	C35	C17	C35	C21	C35	C17	C35	C17	C35
60m <sup>2</sup>	C17	C25	C21	C35	C21	C35	C25	C50	C21	C35	C21	C35
70m <sup>2</sup>	C21	C25	C21	C35	C21	C50	C35	C50	C21	C50	C21	C35

**Note: This heat pump selection table is a guide only, as each application is different. Extended season means heating the pool 8 months of the year - September to April. Selection is based on a 500 micron poolcover being on for 16 hours a day with the heat pump operating between 6 am and 8 pm. Contact your Sunlover Heating agent for an independent valuation of your pool heating requirements.**

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## REFRIGERANT : R407C

Unit Model		Oasis C8	Oasis C10	Oasis C17	Oasis C21
Heating Capacity	kW	8.8	13.2	17.5	21
	BTU/h	30000	45000	60000	72000
Cooling Capacity	kW	5.5	8.0	10.5	13
	BTU/h	18700	27300	35800	44000
Heating Power Input	kW	1.7	2.6	3.5	4.3
Cooling Power Input	kW	1.8	2.8	3.8	4.8
Running Current(Heating/Cooling)	A	7.7/7.8	11.8/12.7	15.9/17.5	21/23.5
Power Supply	V/Ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50
Compressor Quantity		1	1	1	1
Compressor		Scroll	Scroll	Scroll	Scroll
Fan Quantity		1	1	1	2
Fan Power Input	W	120	120	120	2*120
Fan rotate speed	RPM	850	850	850	850
Fan Direction		horizontal	horizontal	horizontal	horizontal
Noise	dB(A)	51	54	54	56
Water Connection	mm	50	50	50	50
Water Flow Volume	m <sup>3</sup> /h	3.0	4.5	6.0	7.5
Water Pressure Drop(max)	kPa	10	10	10	12
Unit Net Dimensions(L/W/H)	mm	See the drawing of the units			
Unit Shipping Dimensions(L/W/H)	mm	1060/440/700	1060/440/700	1250/500/900	1250/500/1300
Net Weight/Shipping Weight	kg	66/75	73/82	95/105	128/140

Unit Model		Oasis C25	Oasis C25S	Oasis C35S-U	Oasis C50S-U
Heating Capacity	kW	25	25	35	58
	BTU/h	90000	90000	120000	197000
Cooling Capacity	kW	15.5	15.5	24	45
	BTU/h	53000	53000	82000	15300
Heating Power Input	kW	5.0	5.0	7.1	11.5
Cooling Power Input	kW	5.8	5.8	7.8	12.7
Running Current(Heating/Cooling)	A	22.7/26.5	8.3/9.4	12.7/14.0	21.7/24.0
Power Supply	V/Ph/Hz	230/1/50	380/1/50	380/3/50	380/3/50
Compressor Quantity		1	1	2	2
Compressor		Scroll	Scroll	Scroll	Scroll
Fan Quantity		2	2	2	2
Fan Power Input	W	2*120	2*120	2*200	2*200
Fan rotate speed	RPM	850	850	830	830
Fan Direction		horizontal	horizontal	vertical	vertical
Noise	dB(A)	56	56	60	61
Water Connection	mm	40	40	50	50
Water Flow Volume	m <sup>3</sup> /h	9.0	9.0	12.0	19.5
Water Pressure Drop(max)	kPa	12	12	15	15
Unit Net Dimensions(L/W/H)	mm	See the drawing of the units			
Unit Shipping Dimensions(L/W/H)	mm	1250/500/1300	1250/500/1300	1600/800/1150	1600/800/1150
Net Weight/Shipping Weight	kg	132/145	132/145	180/198	250/280

**Heating: Ambient temperature:24/19,Inter/outlet water temperature:28**

**The unit can run between -15and 35(heating ambient temperature)**

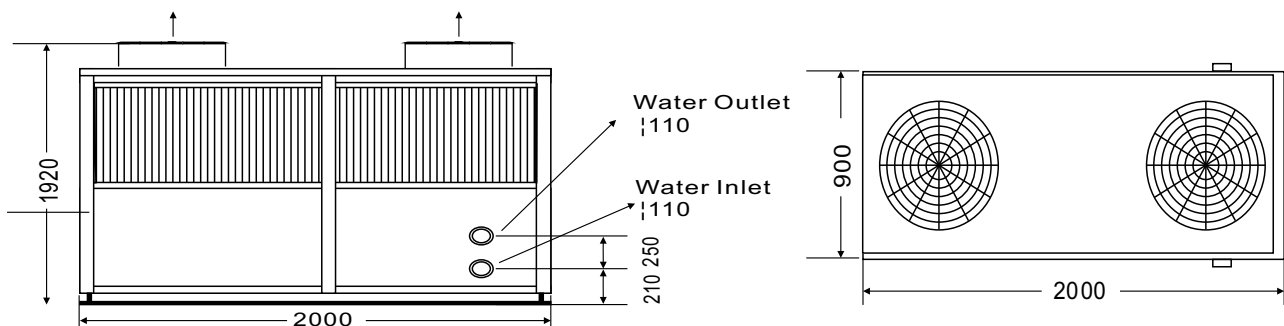
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## Oasis 100 and 150 Models

UNIT	Model	Oasis 100 S-U	Oasis 150 S-U
Heating Capacity	kW	100	150
	BTU/h	459000	612000
Heating Power Input	kW	28.5	43.2
Running Current	A	50.8	40.3
Power Supply	V/Ph/Hz	380/3/50	380/3/50
Compressor Quantity		4	3
Compressor		scroll	scroll
Fan Quantity		3	3
Fan Power Input	W	200x3	550x3
Fan Rotate Speed	RPM	830	870
Fan Direction		vertical	vertical
Noise	dB(A)	62	65
Water Connection	mm	110	110
Water Flow Volume	m <sup>3</sup> /h	45	60
Water Pressure Drop(max)	kPa	18	20
Unit Net Dimensions(L/W/H)	mm	1930/1065/2050	2170/1065/2100
Unit Shipping Dimensions(L/W/H)	mm	2270/1135/2190	2295/1380/2270
Net Weight/ Shipping Weight	kg	840/900	1280/1320

### Oasis 100S-U

Airflow direction



### Oasis 150S-U

Airflow direction

