

COMMERCIAL

C38T | C47T | C58T
C95 | C120 | C145 | C200

The Commercial C series is the top of the line range of heat pumps offered by Sunlover and Oasis.



This supreme unit has an automatic reverse cycle defrost system which allows the unit to operate in temperatures below 0°C. At approximately 10°C, all heat pumps will start to ice up. If the unit is not fitted with a reverse cycle function it will stop operating.

The Oasis Commercial Range of heat pumps is the most efficient and effective way to heat a commercial pool no matter what the size. We have seven units ranging from 38kW's up to 200 kW's and multiple units are regularly used in larger pools.

The Oasis Commercial range is extremely reliable and robust with the frame and external panels made from either galvanized powder coated steel or Stainless Steel. The V shaped designed condenser increases the space for air flow direction and makes defrosting easier. All models are designed to both heat and cool the pool water and comes standard with built in automatic defrosting to ensure optimum performance at all times.

HIGH EFFICIENCY

With COP of 5.7 at working condition of 24°C/19°C, the Oasis Commercial Series has high efficiency for either pool heating or cooling.

Key Features

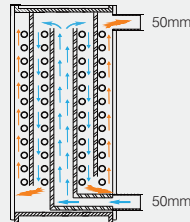
- ✓ **TWIN TITANIUM HEAT EXCHANGER**
Our patented Two Titanium Coil Heat Exchanger has a larger surface area increasing efficiency.
- ✓ **ELECTRIC EXPANSION VALVE**
The Smart Control System adjusts the refrigerant flow rate to ensure the units are always running at their most efficient.
- ✓ **RIPPLE HEAT EXCHANGER**
Our extended exchanger surface area reduces the risk of frosting.
- ✓ **PRESSURE PROTECTION**
The units have a safety protection reducing the pressure applied. The protection stops the units from running at too low or high pressure.
- ✓ **WATER FLOW SWITCH**
The water flow switch gives you greater control over flow rates.
- ✓ **V SHAPED AIR EXCHANGER**
Our V shaped heating surface increases efficiency of the units.





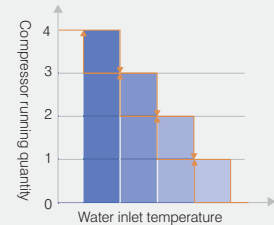
CONTROL SYSTEMS

All our commercial heat pumps are fitted with the most sophisticated control systems to meet each specific application. The controls can communicate with various pool management systems and are able to send out alarm outputs to provide further confidence in performance.



DUAL COIL TITANIUM HEAT EXCHANGER

Oasis patented dual coil titanium heat exchanger enlarges the heat exchanging surface that increases efficiency by providing a sufficient action area.



COPELAND and Sanyo COMPRESSOR

Our compressor uses precise energy setting to ensure the unit is achieving the desired energy savings.

Multiple Heat Pumps plumbed in parallel are widely used in commercial pools for hotels, schools, aqua parks and gyms all over Australia and New Zealand.

Sunlover Heating and Oasis have the ability to design and install heating systems to suit every application. The Oasis Heat pumps can come equipped with a central control system that can make temperature adjustment and failure review easier. By incorporating the master-slave control into the design, all the units can work together with higher efficiency.



Commercial Series Specifications – Heating and Cooling

Model		Oasis C38T	Oasis C47T	Oasis C58T	Oasis C95	Oasis C120	Oasis C145	Oasis C200
Performance Condition: Air 27°C / Water 26°C								
Heating Capacity	kW	49	60	76	113	141	167	217
Running Current	A	11.5	16.6	23	31.4	38	50	79
Performance Condition: Air 19°C / Water 26°C								
Heating Capacity	kW	38	47	58	95	120	145	190
Running Current	A	11.5	16.6	23	31.4	38	50	79
Heating Power Input	kW	7	8.7	12.8	17.5	21.8	25.4	32
Power Supply	V/Ph/Hz	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50
Noise	dB(A)	61	61	61	61	62	63	73
Water Flow Volume	l/m	200	250	333	467	585	700	830