

Oasis Technologies has a complete range of heat pumps for all your pool heating needs

C SERIES

The C series is the top of the line range of heat pumps offered by Oasis. This supreme unit has an automatic reverse cycle defrost system which allows the unit to operate in temperatures below 0 degrees C. At approximately 10 degrees C, all heat pumps will start to ice up. If the unit is not fitted with a reverse cycle function it will stop operating.

At low ambient air temperatures the OASIS C series will inject warm refrigerant through the coils allowing the ice to melt and the unit will keep operating.

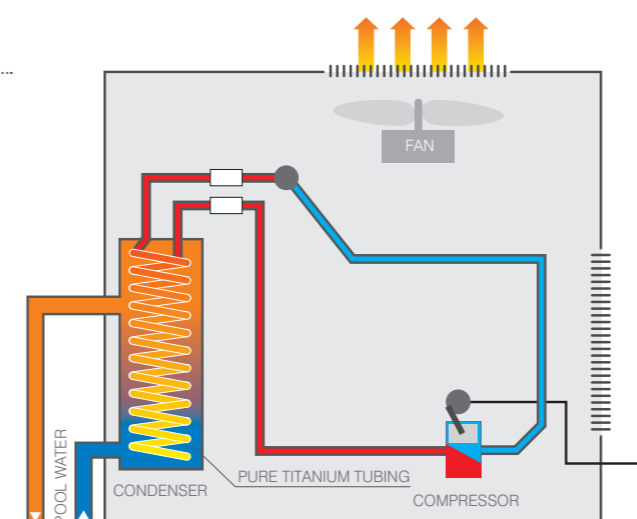
We use ozone friendly and highly efficient R410a/407 refrigerant to ensure optimum performance. Our units are fitted with a world class digital controller to drive the entire system & are reliable and of the highest quality.

The C series units are able to water sample and also have a time clock function to make sure running costs are kept to a minimum.



HOW THEY WORK

Oasis heat pumps capture free heat from the air to heat your pool. They work like air conditioners in reverse, making heat, not cold. Heat pumps use electricity to operate small pumps and fans. No gas or other fuel is used, which reduces your carbon foot print for a more environmentally friendly pool-heating solution.



Oasis C Series – Heating & Cooling

Model	HEATING CAPACITY (Kw)	COOLING CAPACITY (Kw)	POWER SUPPLY (V)
OASIS C8	8.8	5.5	240
OASIS C13	13.2	8	240
OASIS C17	17.5	10.5	240
OASIS C21	21	13	240
OASIS C25	25	15.5	240
OASIS C25S	25	15.5	415
OASIS C35S	35	24	415
OASIS C55S	58	45	415



Features & benefits

- Latest in Heat Pump Technology
- Environmentally Friendly refrigerant
- Supplying heat pumps for over 20 years
- Grade one titanium heat exchangers
- All C Series units have thermostatic expansion valves
- Flow switches in all units
- Life time warranty on Titanium Heat exchanger against corrosion
- Digitally controlled thermostat
- Carel Controller with water sampling & time clock control
- Whisper quiet fans
- Reverse cycle defrost standard for low ambient operation
- 100% factory tested
- Energy Efficient
- Nation wide back up
- Scroll and rotary compressor
- Exported to Europe and Asia
- Hydrophilic Coil protection on all models



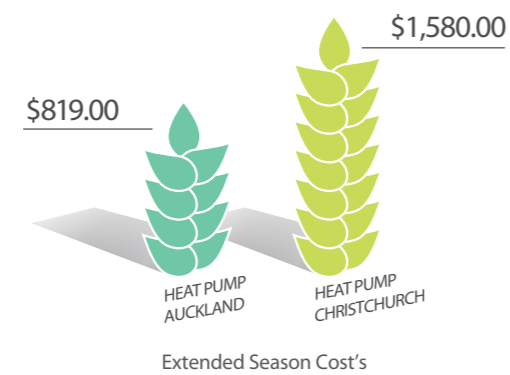
COMPONENT BENEFITS

- ✓ Digital controller
- ✓ Hydrophilic fin coil coating
- ✓ Powder coated steel cabinets
- ✓ Titanium coil (life time warranty)
- ✓ Fan Design (whisper quiet)
- ✓ Reverse cycle defrost
- ✓ Internal flow switches
- ✓ Built in drains
- ✓ Slim line design
- ✓ Ozone friendly & highly efficient R410a & R407c refrigerant
- ✓ World class sophisticated yet easy to use Carel controller



ANNUAL SEASONAL OPERATING COSTS.

* Figures are based on a 40m² Auckland and Christchurch pool running at 28°C with a thermal cover. Estimated costs only, actual costs dependant on weather and specific pool environment. Electrical tariff 20c/Kwhr



SELECTION CHART

Pool surface area (m ²)	/ Coastal North Island			/ Central North Island/ South Island		
	Residential Pool	School Pool	Commercial Pool	Residential Pool	School Pool	Commercial Pool
10	C8	C8	C8	C8	C8	C8
15	C8	C8	C8	C13	C13	C13
20	C8	C8	C8	C13	C13	C13
25	C13	C13	C13	C13	C17	C17
30	C13	C13	C13	C13	C17	C17
35	C13	C13	C13	C13	C17	C17
40	C13	C13	C17	C13	C17	C21
50	C13	C17	C17	C17	C17	C21
60	C17	C17	C21	C17	C17	C25
70	C17	C21	C21	C21	C25	C25

Note: This heat pump selection chart is a guide only. For a specific load calculation where wet edges, ground water, no covers or any other unusual characteristic please contact Oasis for further advice.

C SERIES COMMERCIAL

The Oasis Commercial Range of heat pumps is the most efficient way to heat a commercial pool no matter what size. We have two units up to 150 kw's and multiple units are regularly used in larger pools.

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



Oasis C Series Commercial – Heating & Cooling

Model	HEATING CAPACITY (Kw)	COOLING CAPACITY (Kw)	POWER SUPPLY (V)
OASIS C100	100	78	415
OASIS C150	150	115	415



Each and every OASIS Heat Pump is factory tested prior to final packaging & have CE & C Tick approval.



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HEAT PUMPS



Your pool heating Partner