



# HEAT PUMPS



*Your pool heating Partner*



Sunlover Heating has a complete range of heat pumps for all your pool heating needs

# H SERIES



The H series is designed specifically to extend the swimming season of your pool and maintain a warm water temperature for up to 8 months a year.

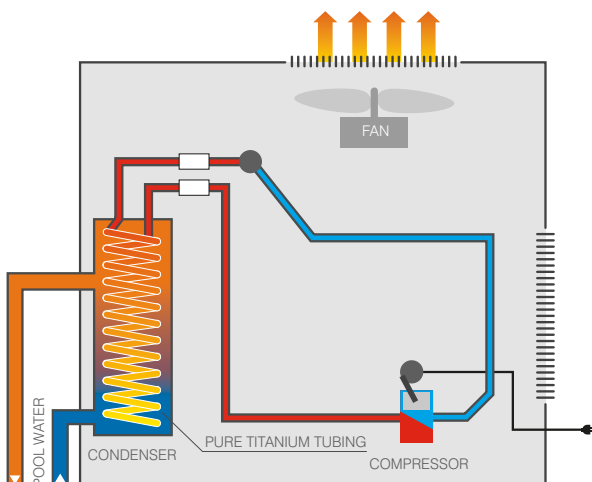
This unit is designed to operate at ambient air temperatures above 10 degrees C and because of the design it becomes a very affordable form of pool heating.

With the H Series heat pump you are able to keep your running costs at a minimum while delivering excellent efficiency which allows you to swim when ever you want!

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



## HOW THEY WORK



### Oasis H Series – Heat Only

Model	HEATING CAPACITY (Kw)	COOLING CAPACITY (Kw)	POWER SUPPLY (V)
OASIS H13	13.2	NA	240
OASIS H17	17.5	NA	240
OASIS H21	21.2	NA	240

### Features & benefits

- ✔ Super Quiet
- ✔ Blue Fin coil protection
- ✔ Ozone friendly refrigerant
- ✔ Easy adjustable Electronic control
- ✔ Carol Controller with water sampling & time click control
- ✔ Easy installation
- ✔ Condensate Drain
- ✔ High efficiency Titanium
- ✔ Heat Exchanger

# C SERIES

The 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 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/ R407 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.



Oasis C8

Oasis C13

Oasis C17

Oasis C21

## 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

- 1 Latest in Heat Pump Technology
- 2 Environmentally Friendly refrigerant
- 3 Supplying heat pumps for over 20 years
- 4 Grade one titanium heat exchangers
- 5 All C Series units have thermostatic expansion valves
- 6 Flow switches in all units
- 7 Life time warranty on Titanium Heat exchanger against corrosion
- 8 Digitally controlled thermostat
- 9 Carol Controller with water sampling & time click control
- 10 Whisper quiet fans
- 11 Reverse cycle defrost standard for low ambient operation
- 12 100% factory tested
- 13 Energy Efficient
- 14 Nation wide back up
- 15 Scroll and rotary compressor
- 16 Exported to Europe and Asia
- 17 Hydrophilic Coil protection on all models

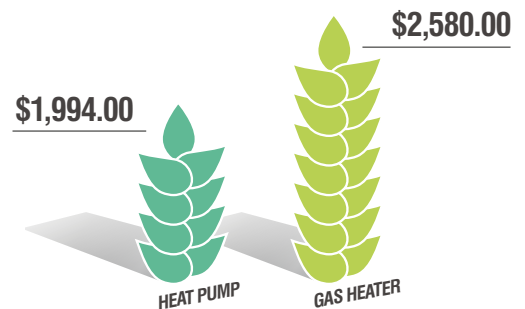
# COMPONENT BENEFITS

- 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 8R407 refrigerant
- World class sophisticated yet easy to use Carel controller



# ANNUAL OPERATING COST, SYDNEY EXAMPLE,

\* Figures are based on a 40 sq mtr Sydney pool running at 28°C with an OASIS C21 heat pump. Estimated costs only, actual costs dependant on weather and specific pool environment. Costs based on natural gas and electrical pricing as at 1/6/2010 compared with standard domestic electricity tariff. Pool cover on from 8pm to 6am.



# SELECTION CHART

Pool surface area (m <sup>2</sup> )	/ 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
10	H13	C8	H13	C13	H13	C13	C8	C13	H13	C13	H13	C13
15	H13	C13	H13	C17	H13	C17	C8	C17	H13	C17	H13	C17
20	H13	C13	H13	C17	H13	C17	C13	C17	H13	C17	H13	C17
25	H13	C17	H13	C17	H13	C21	C13	C21	H13	C21	H13	C17
30	H13	C17	H13	C17	H17	C21	C17	C21	H13	C21	H13	C17
35	H13	C17	H13	C21	H17	C25	C17	C25	H17	C25	H13	C21
40	H13	C17	H17	C25	H17	C25	C17	C35	H17	C25	H17	C25
50	H17	C21	H17	C35	H17	C35	C21	C35	H17	C35	H17	C35
60	H17	C25	H21	C35	H21	C35	C25	C50	H21	C35	H21	C35
70	H21	C25	H21	C35	H21	C50	C35	C50	H21	C50	H21	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 pool cover 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.

# 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 come 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.



**The OASIS units are also covered by Australia Wide 24/7 service support.**



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