
Oasis Heat Pumps



Short Description

The Oasis Hot Water Heat Pump is state of the art technology for New Zealand conditions.

Description

The Oasis Hot Water Heat Pump is state of the art technology. It has reverse cycle defrost for low ambient conditions which is critical in New Zealand. It has a microprocessor control which has its own self-diagnostic within it and its own internal safety's to stop the machine if a malfunction occurs.

The heat pump also comes fitted with a water flow switch which prevents the heat pump working should it not have any water flow. The controller is so intelligent it can operate the water pump to start and stop. The Oasis heat pump is simply the best Hot Water Heat Pump available in New Zealand.

How does it work?

A heat pump is like a reverse fridge and uses electricity to operate. 'Free' heat is extracted from the ambient air, boosted with a compressor through a refrigeration process and then transferred into the water. It is very cost effective to heat swimming pool water as the electrical input is not to generate heat but to move the 'free' heat to the water regardless of the weather conditions. Due to their high efficiency, Oasis Heat Pumps have a lower running cost compared with diesel, gas and electric elements.

Features

- All units come with Mac unions for easy installation
- All units are heat and cool
- All units have Titanium Heat Exchangers
- All cabinets are ABS PVC
- All units have an electronic controller which controls the water pump
- All units have blue fin coil protection
- All units have a built in drain

Specifications

		Oasis C12A	Oasis C17A	Oasis C21A	Oasis C25A	Oasis C50A
Nominal Input	Kw	2.6	3.2	4.3	5.1	10.2
Nominal Output (27°C)	Kw	17	21	25	32	65
Nominal Output (24°C)	Kw	14	17.5	21	29	59
Nominal Output (15°C)	Kw	12	15.5	18.8	25	50
Run amps per phase	A	12	15	20	8.3	20
Fuse Size (MRC)	a	20	32	32	20	32
Power Supply	v/Ph/Hz	230/1/50	230/1/51	230/1/52	380/3/50	380/3/50
Pipe Connections	mm	40	40	40	40	50
Water Flow	l/s	1.5	2	2.5	3	6.5
Weight	Kg	88	95	140	150	280

Dimensions	L/W/H	1100/440/700	1100/460/1340	1100/460/1340	1100/460/1340	1500/850/1290
Sound Pressure	Db(a)	54	54	56	56	61
Refrigerant	R410a	410a	410a	410a	410a	410a
Cabinet	ABS	ABS	ABS	ABS	ABS	ABS