ASTRALPOOL

HEAT PUMP

INVERTER RANGE

SUMMER POOL FUN, ALL YEAR ROUND

ENVIRONMENTALLY FRIENDLY

INVERTER TECHNOLOGY

AQUA TEMP APP CONTROL

Extend your swimming season and swim all year round

Lower operating costs and noise levels

Reduce heating times and save on running costs

Wireless Wi-Fi control with your smartphone

R32 Refrigerent* - Lower environmental impact

Aqua Temp

GET IT ON Google Play

Download on the App Store

Viron

* R32 Refridgerant only available for ECO and Viron range models

WHAT ARE THE BENEFITS OF HEAT PUMPS?

Heat pumps absorb 80% of the heat in the air to help heat the pool: that means free heating!

Heat Pumps allow your pool to stay consistently warm and comfortable to swim in, regardless of the outside weather temperature.

Maximise your pool usage through the year by extending swimming time. In some areas of Australia that can mean all year round!

AstralPool Heat Pumps are state of art technology which means increased efficiency means reduced energy bills and is environmentally friendly.

HOW INVERTER TECHNOLOGY MAXIMISES THE BENEFITS OF HEAT PUMPS

INVERTER TECHNOLOGY

AstralPool's range of Inverter technology heat pumps uses up to 15-30% less power consumption when compared to a non-inverter heat pump.

TOP DISCHARGE OPTION

With the innovative vertical exhaust design option, the top discharge inverter heat pump can be installed next to virtually any installation in tight spaces.

SILENT MODE

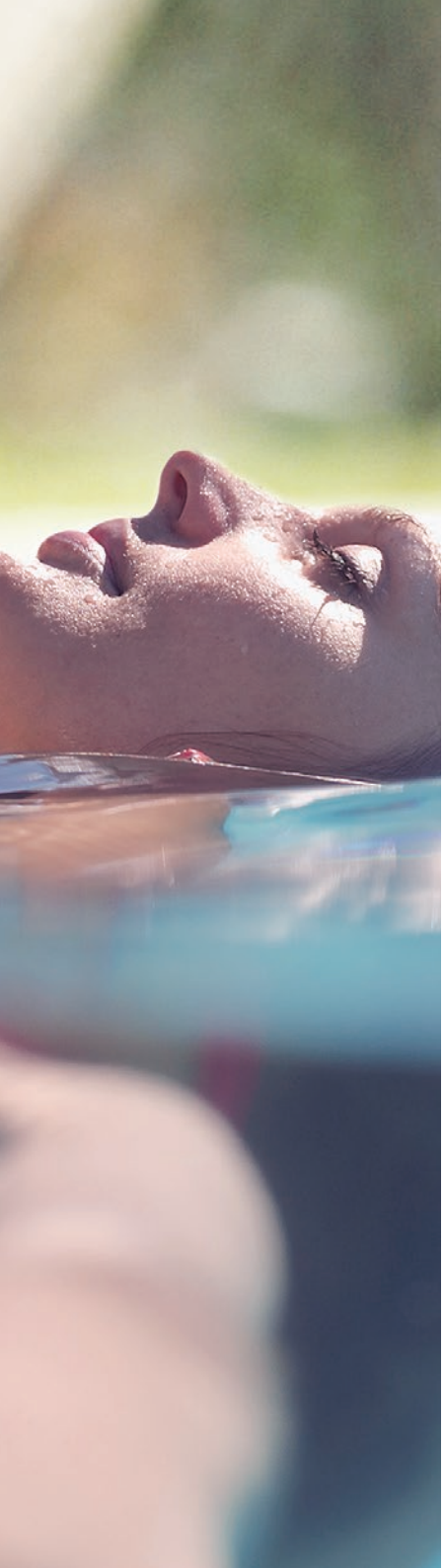
The Inverter technology also reduces the noise due to a unique internal ventilation design, the addition of silent mode allows you to operate at anytime without disturbing the neighbours.

LCD SCREEN

Easy intuitive control of settings.

WIFI CONTROL

The Viron range and Top Discharge heat pumps come included with WiFi. Also available as an optional add on for all other models.



MAKE SWIMMING A PLEASURE

ENVIRONMENTALLY FRIENDLY

AstralPool Heat Pumps are an environmentally friendly option to heat your pool. Operating on a similar principle to your refrigerator or air conditioner, Heat Pumps use environmentally friendly refrigerant gas that extracts the latent heat from the air and transfers this heat into the pool water.

BUILT FOR AUSTRALIAN ENVIRONMENTS

Unlike many other heat pumps, the corrosion proof titanium heat exchanger is enclosed in a purpose designed and fully injection moulded housing for maximum strength and long life. The fully moulded plastic Heat Pump case is impervious to corrosion and guarantees maximum life regardless of location, “seaside” tropical north or outback.

ENERGY EFFICIENT

For every 1 kW of electricity consumed, AstralPool Heat Pumps will collect up to 13 kW of heat from the atmosphere. Sunshine is not necessary and your Heat Pump will continue to heat your pool in air temperatures as low as 7 degrees. So even if the nights are cold, or the days leading up to the weekend are cool, your AstralPool Heat Pump can heat and maintain your pool water temperature at a comfortable swimming temperature.

QUIET COMPRESSOR

A nearly silent compressor moves the refrigerant gas through a coil (called evaporator) through which air is forced and collects heat from the surrounding atmosphere. The now superheated refrigerant gas then passes through a titanium heat exchanger (called a condenser) which transfers the heat into the pool water and the cycle starts again.

SIZING OPTIONS

AstralPool has a wide selection of heat pumps to suit virtually any size swimming pool, from small residential pools to large public pools. When choosing your heat pump, AstralPool recommend you assess your lifestyle and determine when you want to use your pool.

If you wish to swim during the summer and shoulder season only, a small heat pump can be installed, saving on up front costs and ongoing operating costs. However, for all year round swimming, we have the right heat pump too, to ensure you can use your pool at any time of the year.

WARRANTY

For product warranty registration & information on warranty details.
For AU visit: www.astralpool.com.au/warranty
For NZ visit: www.astralpool.co.nz/warranty

R32 GAS HEAT PUMPS

LOWER ENVIRONMENTAL IMPACT

R32 heat pump systems use up to 20% less refrigerant than R410A equivalents, making the Heat Pumps more efficient, which means lower carbon emissions and lower energy costs.

R32 offers higher efficiency and longer pipe runs and requires less refrigerant volume per Kw. This means quicker heating times and less energy used to heat up your pool.

THE KEY THINGS YOU NEED TO KNOW ABOUT R32:

Reduced electricity consumption by 10%

Save energy and speed up heating time

R32 REFRIGERANT

Efficiently carries heat

Lower environmental impact

* R32 Refridgerant only available for ECO and Viron range models

AQUA TEMP

WIFI CONTROL ON THE GO

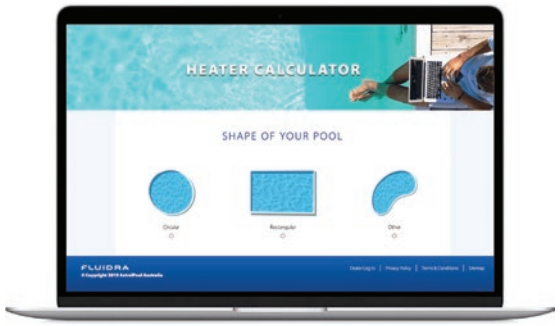
Monitor and set your pool's temperature even if you're away on a business trip or holiday through your home's WiFi. With the Aqua Temp app (available for Android and iOS devices), your pool temperature will always be right at your fingertips wherever you are!

Aqua Temp

GET IT ON Google Play

Download on the App Store

* Wifi capability included in Viron Inverter and Top Discharge Heat Pump range. Available as an optional add-on ECO models.



HOW TO SELECT THE BEST HEAT PUMP FOR YOUR NEEDS

Try the Astral Pool "Heat Pump Calculator" on our website at **www.astralpool.com.au/support/heat-pump-calculator** and with three simple steps select a suitable Heat pump option available specific to your pool and lifestyle.

Step 1 Select your pool shape and Size

Step 2 Select your pool location to get an average temperature

Step 3 Select your desired water temperature

Along with the "Astral Pool Heat Pump calculator", use the Heat Pump sizing guide to select the model of Astral Pool Heat Pump to suit your pool and lifestyle.
Alternatively, visit your local Astral Pool dealer for expert advice on the heat pump that suits you.

ECO INVERTER

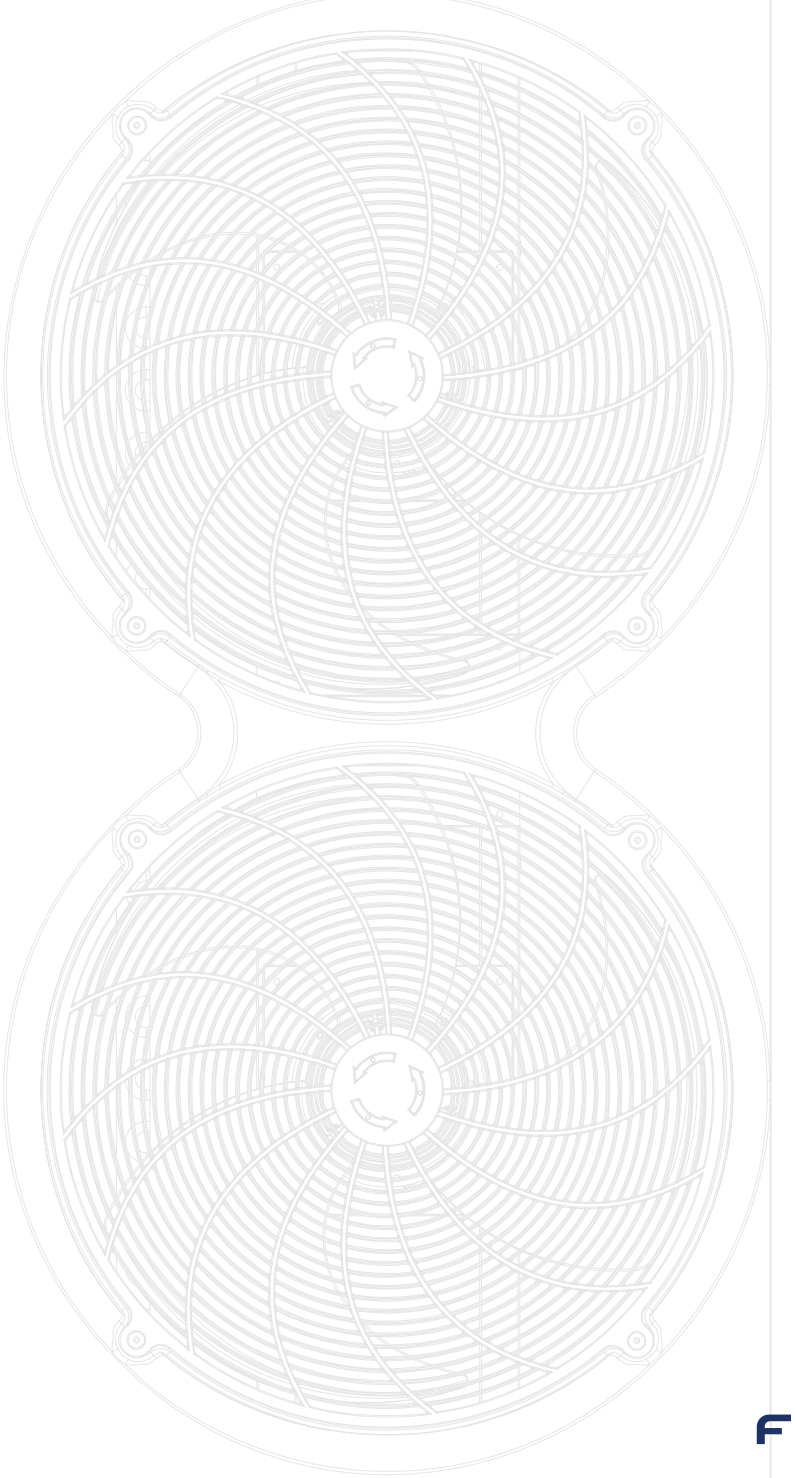
Model	ECO iHP70	ECO iHP90	ECO iHP120
Product Code	78566	78567	78568
Input Power	0.14-1.51	0.19-1.82	0.24-2.37
Heating Capacity (Kw)	1.4~6.8	1.9~8	2.4~10.9
COP	10.0-4.5	10.0-4.4	10.0-4.6
Refrigerant Type	R32	R32	R32
Running Current (Amp)	0.5-5.6	0.5-6.0	0.7-8.3
Voltage/Phases/Frequency	230V/50Hz	230V/50Hz	230V/50Hz
Power	10A Cable with plug	10A Cable with plug	15A Cable with plug
Sound Pressure 1M Db(A)	38-50	39-51	42-53
Water Connection (mm)	40	40	40
Water Flow Volume (l/m)	40.00	53.33	68.33
Water Pressure Drop (Max) Kpa	2	3	4
Wifi Module Included	No	No	No
Viron Connect Compatible	No	No	No
Aqua Temp App Compatible	Yes	Yes	Yes
Net Dimensions L/W/H mm	1003x403x603	1003x403x603	1003x403x603
Weight (kg)	42	45	46

Viron INVERTER

TOP DISCHARGE

Viron iHP90	Viron iHP120	Viron iHP170	Viron iHP195	Viron iHP242	Viron iHP283	iHPT127	iHPT168	iHPT247
78572	78573	78574	78575	78576	78577	78560	78561	78562
0.16~1.6	0.21~2.12	0.3~3.02	0.37~3.94	0.46~4.8	0.54~5.57	0.23~2.12	0.31~3.05	0.47~4.94
2.15~9	2.85~12	3.77~17	4.6~19.5	5.7~24.2	6.7~28.3	2.8~12	3.9~17.1	5.9~24.6
13.44~5.63	13.57~5.66	12.57~5.63	12.43~4.95	12.39~5.04	12.41~5.08	5.66~12.17	5.61~12.58	4.98~12.55
R32	R32	R32	R32	R32	R32	R410A	R410A	R410A
0.69-6.9	0.9-9.2	1.3-13.1	1.6-17.1	2.0-20.8	1.1-9.3	0.9-9.6	1.53-12.9	2-21.47
220-240V~/1Ph	220-240V~/1Ph	220-240V~/1Ph	220-240V~/1Ph	220-240V~/1Ph	380-415V/3Ph	230V/1P/50Hz	230V/1P/50Hz	230V/1P/50Hz
10A Cable with plug	15A Cable with plug	Single Phase	Single Phase	Single Phase	Triple Phase	15A Plug	Single	Single
40-50	42-52	44-53	45-56	46-57	48-58	44-54	46-56	50-60
40	40	40	40	40	40	40	40	40
53.33	70.00	88.33	111.00	143.33	166.67	70.00	91.67	138.33
4	4.5	5	6	11	15	4.5	4.5	6
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
No	No	No	Yes	Yes	Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
950×400×620	950×400×620	1110×480×870	1110×480×870	1110×480×1220	1110×480×1220	723×835×865	723×835×865	770×990×970
53	59	75	93	114		63	86	93

Performance Conditions: Outdoor Air Temp: 27°C / 24.3 - Inlet Water Temp: 26°C



ASTRALPOOL

www.astralpool.com.au
www.astralpool.co.nz

@astralpoolaustralia
@astralpoolaustralia

FLUIDRA

R111121