



# AUSTRALIAN ENERGY SYSTEMS

SOLAR PV  
COMPATIBLE

## INVERTER PLUS HEATING & COOLING COMMERCIAL HEAT PUMP



**AUSTRALIAN DESIGNED**  
ENGINEERED  
WITH EXPERIENCE



**WI-FI CONTROLLER**  
USER FRIENDLY SMART  
TECHNOLOGY



**HEATING & COOLING**  
OPTIMISED TEMPERATURE  
CONTROL



**COP 15**  
SUSTAINABLE, ENERGY EFFICIENT  
PERFORMANCE



**WHISPER QUIET OPERATION**  
AVERAGE 59 DECIBELS



**COMPREHENSIVE WARRANTY**  
NATIONWIDE SERVICE NETWORK



**WEATHER RESISTANT  
DURABILITY**  
ANTI CORROSION MATERIALS



## COST EFFECTIVE SOLUTION

Inverter Plus Commercial's full inverter technology dynamically responds in real time to environmental conditions and heating demand, ensuring optimal performance and efficiency.

- Delivers 2-3 times lower operating costs than traditional on/off heat pumps
- Achieves up to 5 times lower running costs than gas heating systems
- Provides a return on investment in under three years, based on typical energy usage

## LONG WORKING LIFE

With the ability to dynamically maintain pool temperature, Inverter Plus Commercial can operate continuously with significantly less strain than traditional on/off or multistage heat pumps.

- Responsive operation enhances performance while reducing wear and tear
- Manufactured with premium brand components to maximise operational lifespan
- Corrosion resistant materials for superior durability in harsh Australian conditions

## QUIET & RELIABLE OPERATION

Maintaining a quiet, comfortable environment for patrons is essential, with pool heating that operates seamlessly alongside other onsite systems.

- Near silent Mitsubishi DC full inverter compressor
- Significantly quieter than traditional on/off heat pumps
- Soft start compressor functionality ensures no disruption to the local electrical system

## INDUSTRY LEADING WARRANTY

- Titanium Heat Exchanger (10 Years)
- Compressor (5 Years)
- Electronics (2 Years)
- Labour (1 Year)



# INVERTER PLUS COMMERCIAL HEAT PUMP SPECIFICATIONS



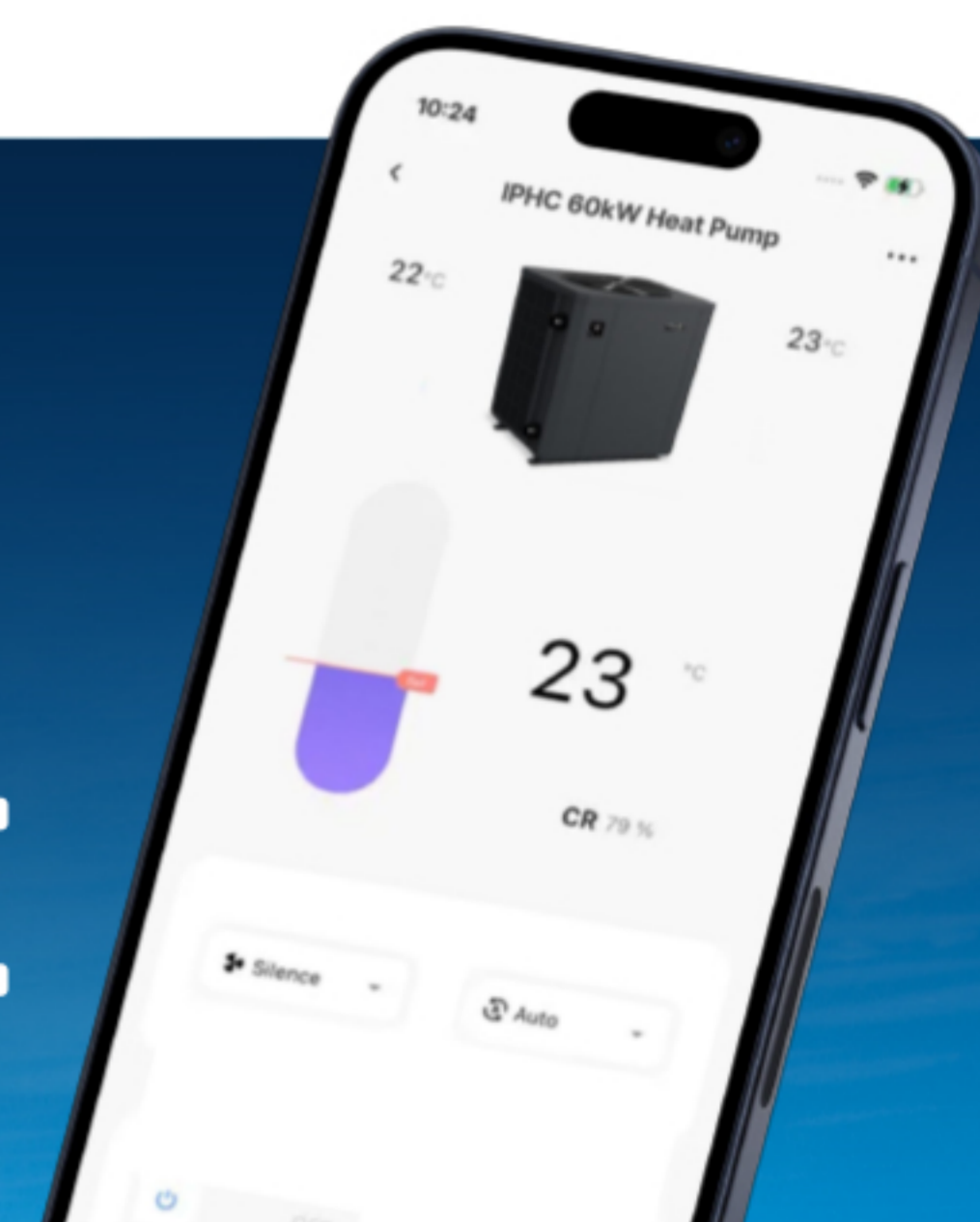
	IPHC 60	IPHC 120
<b>Heating Condition #1 : Ambient 26 °C, Inlet/Outlet: 26/28 °C, Humidity 80%</b>		
Heating Capacity (kW)	60	120
Power Input (kW)	12.5	25
C.O.P.	15.6-6.5	15.8-6.2
<b>Heating Condition #2 : Ambient 15 °C, Inlet/Outlet: 26/28 °C, Humidity 70%</b>		
Heating Capacity (kW)	40	85
Power Input (kW)	2.20-8.03	3.68-17.6
C.O.P.	7.5-5.0	8.5-5.0
<b>General Info</b>		
Max Power Input (kW)	8.03	17.6
Max Current (A)	19	38
Power Supply	400V/3PH/50HZ	
Water Temp. Heating Mode ( °C)	40	
Running Ambient Temp. ( °C)	-7-43	
Refrigerant	R410A	
Compressor Brand	Twin Rotary Mitsubishi DC Inverter	
Gas Control	EEV	
4-Way Valve	Yes	
Heat Exchanger	Spiral Titanium	
Water Pipe Connection (mm)	50	80
Fan Type	Vertical	
Case Type	Powdercoated Aluminum	
Noise Level at 1m dB(A)	54-62	56-65
Noise Level at 10m dB(A)	34-42	36-45
Water Flow LPM (Litres Per Minute)	375	750
Net Weight (kg)	243	431
Net Dimension (mm)	1110x1023x1260	2100x1090x1280

The values indicated are valid under ideal conditions. Pool covered with a thermal cover, heating system available to run up to 16 hours per day.

## DON'T FORGET A POOL COVER!

The most efficient way to prevent heat loss, keep your pool clean and save on heating, chemicals and maintenance.

## CONTROL FROM YOUR SMARTPHONE



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