Oceanix Water Tech
POOL EQUIPMENT

HEATING BRILLIANCE

R32
25% gas quota of R410a

Stepless DC Inverter
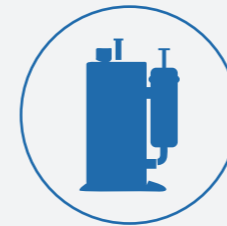Average COP 10.7
93% free energy
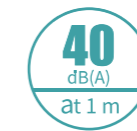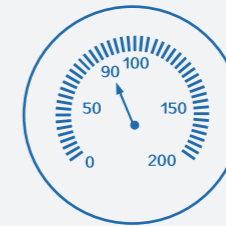
40 dB(A) at 1 m
Quiet as a fridge

SILENCE TO RELAX YOUR MIND

HIGH COP TO SAVE ENERGY

ABSOLUTE PERFORMANCE

Mitsubishi Twin-Rotary Inverter Compressor

Stepless Comfort Speed Conversion

DC Brushless Fan Motor

Industry leading, efficient stepless DC inverter control system. With intelligent conversion of compressor, fan motor and pressure system, it provides amazing energy saving performance with max Coefficiant of Performance of 16.1.

More than 93% free energy

Thanks to our industry first technology our Oceanix WaterTech Inverter creates 93% of free energy from ambient air.

1kW

15kW

16kW
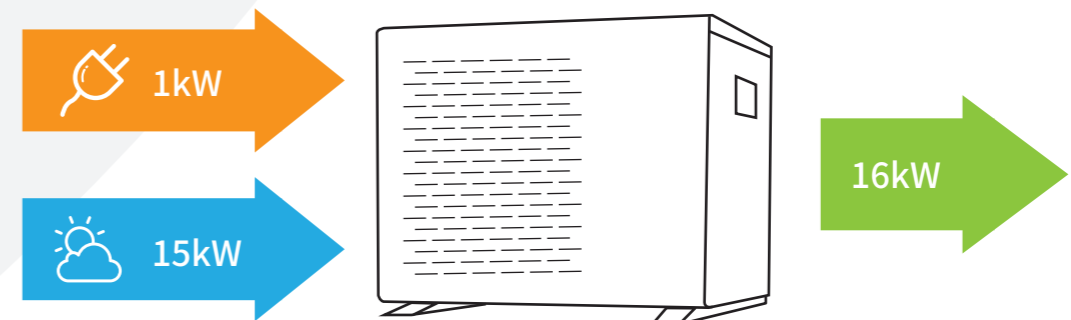
Advanced Heat Pump Technology

Not only is the unit designed with superior appearance, but also powerful performance. The combination of the bulletproof Mitsubishi titanium exchanger and the simplicity of the Italian made control system put our units at the top of their class

DC Full Inverter INVERTER

HIGH COP 16.0 COP

HEATING COOLING
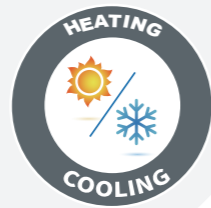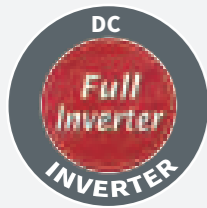
Low Noise Operation

A fully enclosed cabinet is specially designed for the compressor so that the running noise is kept at an absolute minimum

1m — 10m

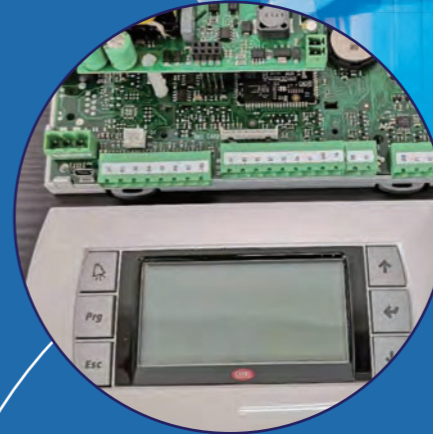36-45dB(A) — 16-25dB(A)

Refrigerator — Falling Leaves
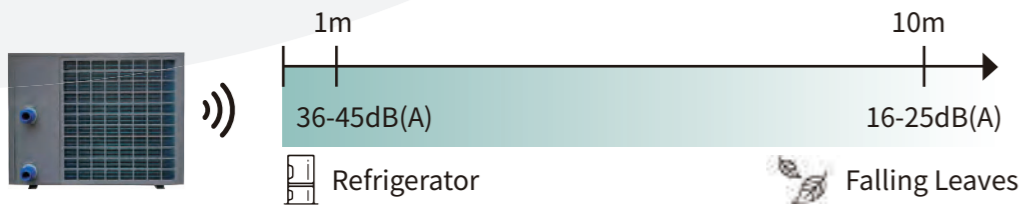
Double-side Airflow Outlet

The unit uses double-side airflow cabinet which through years of application in the market is proven to be highly efficient in heat exchange and outstandingly silent during operation.

BUILT TOUGH
DESIGN

Italian Carel Controller
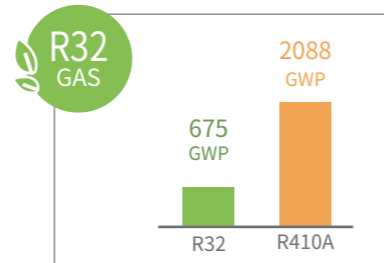
Garden Friendly Flat Surface Design

Noise Absorbing Cover
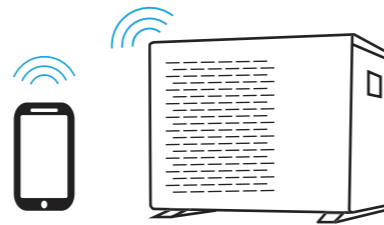
CREATING AN OASIS IN YOUR BACKYARD

01 Eco-friendly R32 or R410A

32% GWP compared to R410A 25% CO2 carbon consumption 25% quota cost.

R32 GAS

675 GWP — R32

2088 GWP — R410A

02 Smart Wi-Fi Control

Control the temperature of your pool from your lounge room, office or abroad

03 Full Protection on Electrical system

With a DC inverter compressor, Oceanix WaterTech Inverter will start from 0 amps and increase steadily.

Amps 50.0

Phoenix Inverter-13kW
On/Off-13kW

0   30   60   90   120   Secs
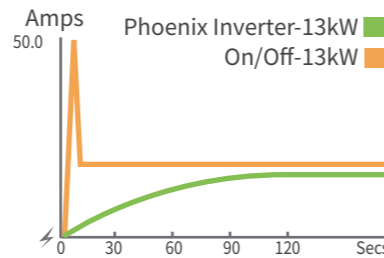
04 Wide Voltage Application

Self-adjustment to operate in volatile power supply, voltage range can be 180V ~260V.

180V~260V

05 Designed to perform down to -15c

Extend your pool season!

-15°C

APP CONTROL

4G DTU

WIRELESS WIFI
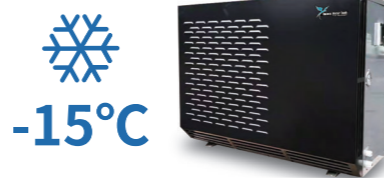
BLUETOOTH CONNECTION
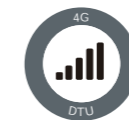
SMART LIFE

Simplify your life with SMART LIFE.

Via connection by Bluetooth, Wi-Fi and 4G, your can take full control of your swimming pool heat pump from anywhere in your home or office with a single app on your smartphone.

Inverter Pool Heat Pump Oceanix WaterTech

Inverter technology allows swimming pool heat pumps to achieve an extremely high COP in comparison with normal heat pump in the market.

Water Temp.(°C)

COP=17.0

COP=9.0

7

COP=5.5

30

120   Frequency(Hz)   1

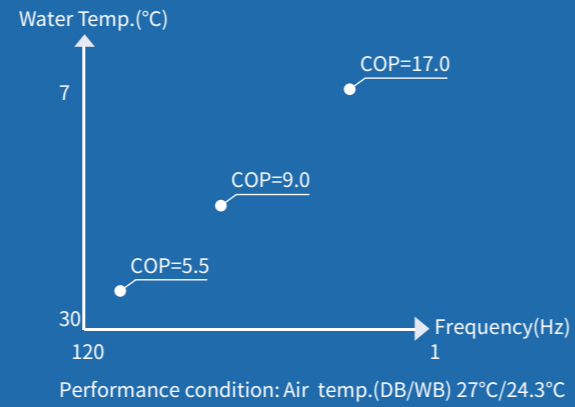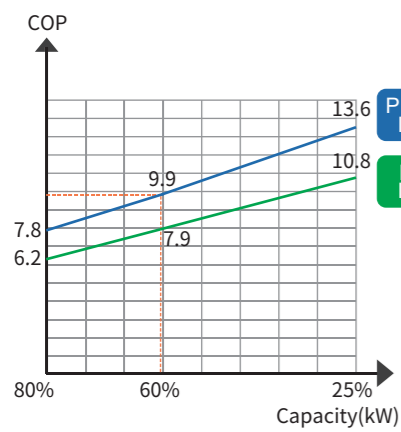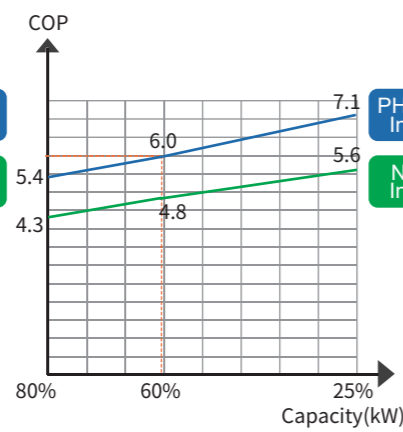Performance condition: Air temp.(DB/WB) 27°C/24.3°C

Maintain High COP in Different Ambient Conditions

COP

13.6 PHOENIX Inverter
9.9
10.8 Normal Inverter
7.8
7.9
6.2

80%   60%   25%
Capacity(kW)

Performance condition:
Air27°C/Water26°C/Humidity80%

COP

7.1 PHOENIX Inverter
6.0
5.6 Normal Inverter
5.4
4.8
4.3

80%   60%   25%
Capacity(kW)

Performance condition:
Air15°C/Water26°C/Humidity70%

COP

4.2 PHOENIX Inverter
4.0
3.3 Normal Inverter
3.8
3.2
3.0

80%   60%   25%
Capacity(kW)
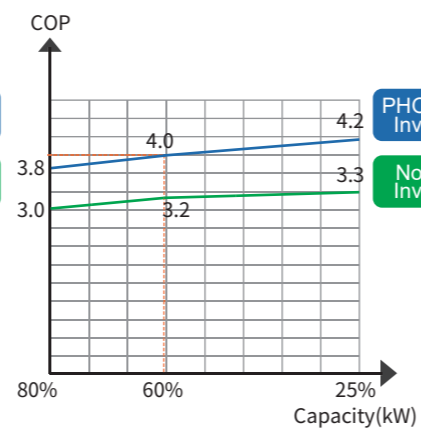
Performance condition:
Air2°C/Water26°C/Humidity80%

Save Energy and Speed up Heating Time

Power Consumption

ON/OFF HP

Normal Inverter

PHOENIX Inverter

Heating time

ON/OFF HP

Normal Inverter

PHOENIX Inverter
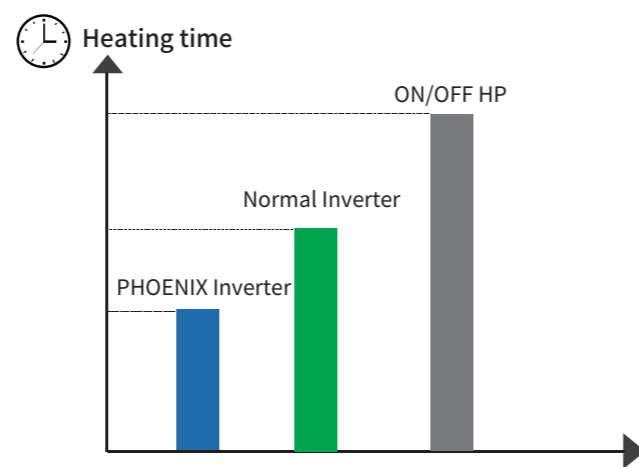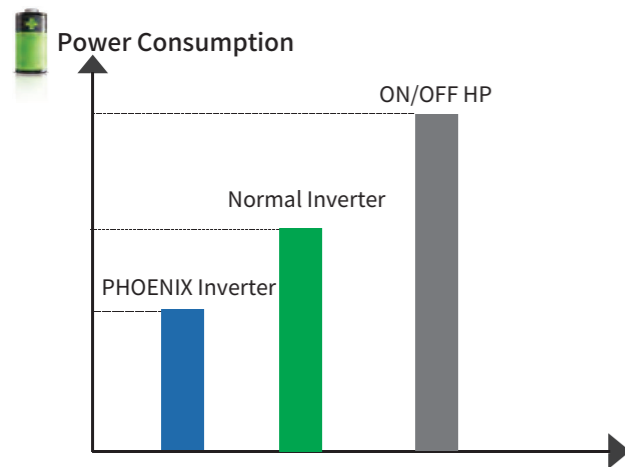
Peace and Quiet In Your Backyard

75dB — Stereo
60dB — Conversation
55dB — Suburb Noise
42-52dB — Phoenix inverter
50dB — Fridge
40-48dB — Silence Mode
30dB — Wisper
25dB — Library
0dB — Sound Lab

State of the art Italian Controller

CAREL

0.1°C
0.1°C Precise

Remote

Sliding

App

PID
PID Control

Carel EEV

Pressure Sensor

DC Inverter Swimming Pool Heat Pump
(Carel Technology)

- Italian Advanced DC Inverter Technology
- Japanese Tech DC Inverter Compressor And Titanium Heat Exchanger
- Ice Defrosting, System Pressure, Water Flow Switch Protection Functions

Model		OWT135	OWT180	OWT210	OWT260	OWT360	OWT360S
PERFORMANCE CONDITION: Air 27°C/ Water 27°C							
Heating capacity (kW)	KW	3.5-13.5	4.5-18	5-21	7-26	9-36	9-36
COP Range		6-16	6-16	6.1-16.1	6-15.5	6-16	6-16
PERFORMANCE CONDITION: Air 15°C/ Water 26°C							
Heating capacity (kW)	KW	2-9.5	2.5-12	3-14.5	4-18	6-24	6-24
COP Range		4.5-8	4.5-8	4.6-8.1	4.5-8.1	4.5-8	4.5-8
TECHNICAL SPECIFICATIONS							
Operating air temperature (°C)		-15°C					
Compressor		Mitsubishi Full DC compressor					
Heat exchanger		Twisted Titanium Heat Exchanger					
Power Supply	V/Ph/Hz	220~230V/1Ph/50Hz					380~415V/3Ph/50Hz
Heating Input Power	KW	0.22-2.2	0.35-3.2	0.4-3.4	0.5-4.3	0.75-6	0.75-6
Rated Heating Running Current	A	1-10	1.8-15	1.8-15.5	2.3-21	3.4-27.3	1.3-10.7
Noise (Min-Max)	dB(A)	42-50	42-50	42-52	43-53	46-54	46-54
Water Connections	mm	50/48.3	50/48.3	50/48.3	50/48.3	50/48.3	50/48.3
Water Flow Volume	m3/h	4-7	5-8	5-8	5-8	6-10	6-10
Net weight	kg	50	55	75	78	120	120
Gross weight	kg	58	63	85	88	135	135
Net dimensions(without front cover)	mm	970*370*650	970*370*650	1115*430*850	1115*430*850	1115*430*1350	1115*430*1350
Packing dimensions(without front cover)	mm	1170*415*800	1170*415*800	1200*520*990	1200*520*990	1200*520*1500	1200*520*1500
Net dimensions(with front cover)	mm	970*470*650	970*470*650	1115*530*850	1115*530*850	1115*530*1350	1115*530*1350
Packing dimensions(with front cover)	mm	1170*515*800	1170*515*800	1200*620*990	1200*620*990	1200*620*1500	1200*620*1500

Remarks: * The data above is only a reference, for specific data, please refer to the nameplate on the unit.