Silent Mode

ECO+ series heat pumps in silent mode can reach 60% of unit capacity at 36dB(A) level

| Breathing | Whisper | | Moderate Rain | | Car town | Truck | | Helicopter | | Police Siren | | Fireworks |
| Rustling Leaves | | Fridge | | Conversation | traffic | | Hairdryer | | Trumpet | | Jet Engine | |

0 dB 10 dB 20 dB 30 dB 40 dB 50 dB 60dB 70 dB 80 dB 90 dB 100 dB 110 dB 120dB 130 dB 140 dB

Silent Mode - 36dB

Eco+ Inverter Heat Pump 41 - 50 dB

Specifications

Model Number		ITS-10.3HPi	ITS-12.8HPi	ITS-14.5HPi	ITS-18.7HPi
Boost Mode	kW	2.9-10.3	2.9-12.8	2.8-14.5	3.8-18.7
Consumed capacity	kW	0.24-1.56	0.24-2.13	0.23-2.28	0.31-3.67
Heating Capacity	KW	2.9-7.16	2.9-9.15	2.8-12.5	3.8-16.0
Consumed capacity	KW	0.24-0.95	0.24-1.35	0.23-1.79	0.31-2.67
Cooling Mode	kW	1.6-4.5	1.6-5.2	1.8-7.0	2.0-7.8
Consumed capacity	kW	0.38-1.13	0.38-1.55	0.38-1.75	0.53-2.6
Rated Input Current	A	11	13	15	21
Compressor type		Rotary	Rotary	Rotary	Rotary
Water Volume	m³/h	3.1	3.9	5.4	6.9
Power Supply	V/PH/HZ	220-240Vac/1/50Hz	220-240Vac/1/50Hz	220-240Vac/1/50Hz	220-240Vac/1/50Hz
COP		Up to 12.4	Up to 12.5	Up to 12.6	Up to 12.7
Refrigerant		R32	R32	R32	R32
Set water temprature, Cooling/Heating	C°	12° / 40°	12° / 40°	12° / 40°	12° / 40°
Noise	dBa	41	43	49	50
Water Connection		50mm PVC pipe	50mm PVC pipe	50mm PVC pipe	50mm PVC pipe
Unit Dimensions (mm)	L	988	988	988	988
	W	365	365	365	365
	H	712	712	712	712
Nett Weight	kg	52	52	56	59

Heating: Outdoor air temp 27⁰C / 24⁰C, Inlet water temp 26⁰C.

Life is more fun with a heated pool

ECO+ Premium Inverter Swimming Pool Heat Pumps

- WiFi Enabled
- Energy Efficient
- Silent mode
- Eco freindly R32 gas
- Cooling & heating
- Smart Grid ready for home PV systems
- Modbus protocol & RS485 connector
- Advanced system protection

5 YEAR WARRANTY

AIRCONHyper
Cheaper.*Faster*.Better.

www.airconhyper.com

ECO+ Premium Pool Heat Pump

10 year spare part support guarantee

Silent Mode
ECO+ series heat pumps in silent mode can reach 60% of unit capacity at 36dB(A) level

IOT & APP
App controls and IOT platforms are designed to ensure user ease of operation and reduce equipment maintenance costs

SG-Ready
SG-Ready ensures that ECO+ heat pump uses as much clean energy as possible from the smart grid and stores the energy in the swimming pool. When the smart grid is fully supplied with clean energy, ECO+ heat pumps consume close to zero carbon

Eco Freindly R32
R32 refrigerant offers a significantly lower Global Warming Potential (GWP) compared to R22, R134A, and R410A, improving heat exchange efficiency and promoting environmental benefits.
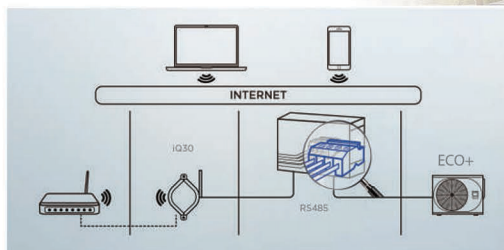
Pool system centrlized control
ECO+ heat pumps are compatible with all centralized control pool systems unsing **Modbus protocol and RS485 connector**
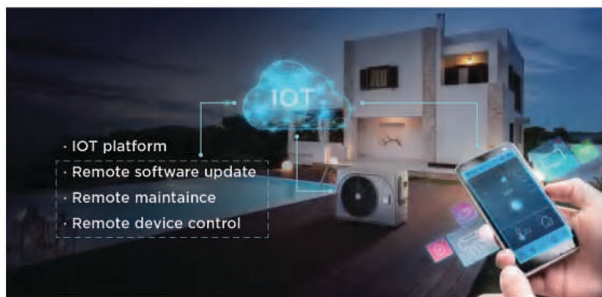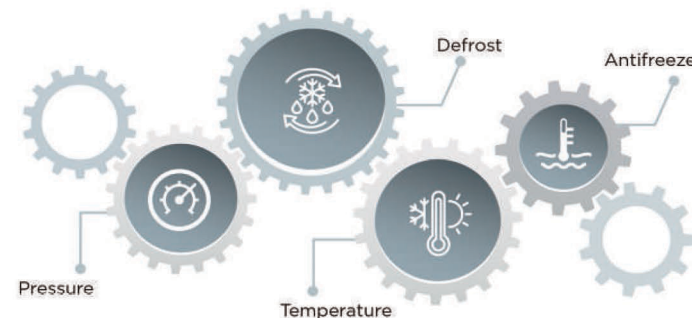

Smart Memory
Power-off memory function restores the ECO+ series to preset parameters after restart
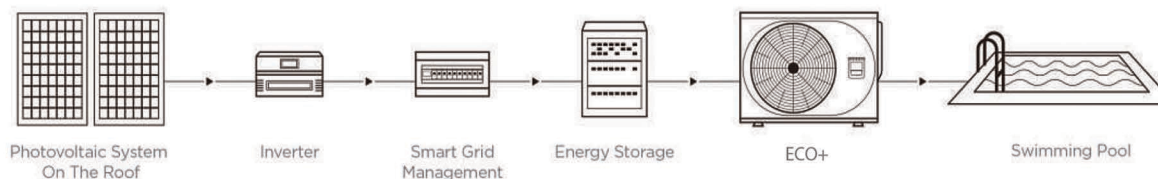

System Protection
ECO+ series heat pumps have more than 10 protection functions including deforst/pressure/temprature/antifreeze to ensure that the unit runs in a long-term healthy state

Photovoltaic System On The Roof → Inverter → Smart Grid Management → Energy Storage → ECO+ → Swimming Pool

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