

Solar Air Conditioner

Light Commercial Concealed Duct Type

ACDC HYBRID



100% Eco
Up to 100% Saving during the day time



Savings
No Inverter, battery or charge controller needed



Max Efficiency
DC-driven




Grid AC Power Limiter
Limit AC power from 0-300W




Wide Operating Temperature
Temperature Range between -10°C to +58°C





Auto Balance
AC/DC auto balance


 A purpose built DC Hybrid solar air conditioner built from the ground up 100% DC - No electronic inverter.


 They can operate independent of the AC Grid (Off Grid) turning itself on when there is sufficient solar power and back off when there is no longer enough power from the sun.


 No solar grid connection for installation, no utility company authority required.


 Plug and play installation – solar panels connect directly to MC4 solar terminals.

 STC's are claimable on solar panels installed on a unit – essentially covering the cost of the panels.

 Uses a non-flammable refrigerant compared with widely used flammable gases.

 Brushless DC motors in both indoor and outdoor units ensures extremely quiet operating levels.

 Can be set to limit the AC power input if power consumption is a concern due to maximum power demand or simply to minimize the power consumption for economic savings.

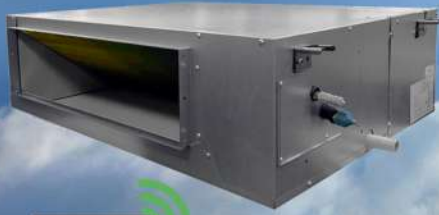
 Using solar power for one of our highest energy consuming appliances. Just common sense!

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SOLAR AC DC
JUST COMMON SENSE



Wired Controller



180 Sine Wave Control



Auto Restart Function



Long-term Filter



Hydrophilic Aluminum Fin



Intelligent Defrosting



Fast Cooling/Heating



Low Ambient Cooling



Complete Function Visibility



Built-in Drain



Golden Fin



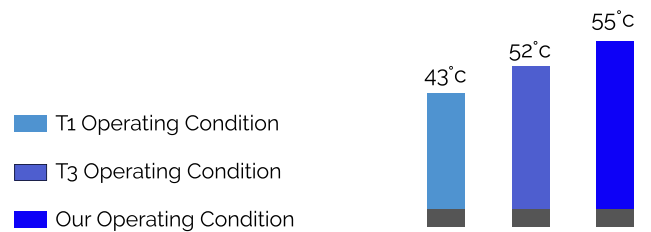
WIFI Control

TECHNICAL DATA

| MODEL | | 5KW DUCTED | 7KW DUCTED |
|---------------------------|------------------|--------------------------|--------------------------|
| Power supply | PH-V-HZ | 1 Ph, 220-240V, 50/60Hz | 1 Ph, 220-240V, 50/60Hz |
| | V | DC80-380V | DC80-380V |
| Cooling | Capacity | W 5150 (1200-5800) | 6750 (1800-7500) |
| | Input | W 1400 (220-1750) | 1850 (300-2500) |
| | Rated current | A 6.09 (1.0-8.86) | 6.09 (1.0-8.86) |
| Heating | Capacity | W 5200 (1200-5400) | 7400 (1800-7600) |
| | Input | W 1310 (220-1400) | 1950 (300-2100) |
| | Rated current | A 6.76 (1.18-9.79) | 6.76 (1.18-9.79) |
| Indoor air flow (Hi/M/Lo) | m3/h | 1050/950/900/860/830/800 | 1050/950/900/860/830/800 |
| Indoor noise level | dB(A) | <43 | <45 |
| Indoor Unit | Dimension(W*D*H) | mm 892*670*265 | 892*670*265 |
| | Packing (W*D*H) | mm 1065*815*330 | 1065*815*330 |
| | Net/Gross weight | Kg 32/35 | 33/36 |
| Outdoor air flow | m3/h | 2200 | 3300 |
| Outdoor noise level | dB(A) | <55 | <58 |
| Outdoor Unit | Dimension(W*D*H) | mm 802*323*564 | 900*337*700 |
| | Packing (W*D*H) | mm 910*405*622 | 1006*418*755 |
| | Net/Gross weight | Kg 37/42 | 46.5/52 |
| Refrigerant type | | R410a | R410a |

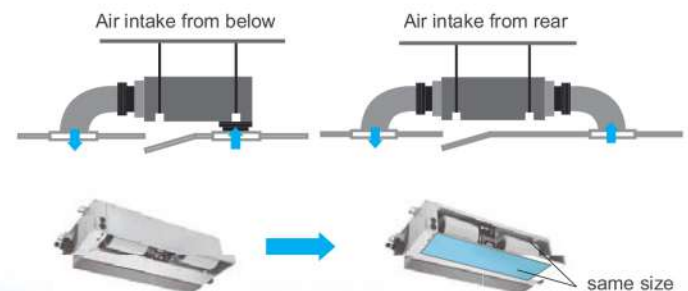
UP TO 55°C OPERATION

Enjoy excellent performance even under ambient temperatures up to 55°C, suitable for T3 operating conditions.



OPTIONAL AIR INLET (UNDERNEATH OR REAR)

The Rear Air Intake is standard, a bottom intake is optional. The size of the bottom plate is the same as the flange from the back, which makes it convenient to change installation styles due to different decoration requirements.



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