



Solar Air Conditioner

Light Commercial Concealed Duct Type

ACDC HYBRID



OUTDOOR UNIT



220-240V~
50/60Hz



100% Solar Operation During the Day Time →

← AC Power



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 eco-friendly R410a refrigerant gas - non-flammable! Compared with widely used flammable R32 gas.

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!

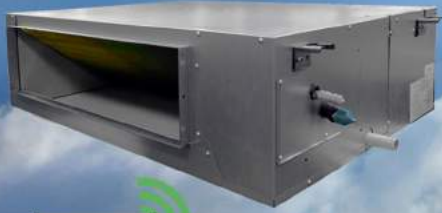
ECOLOGICAL AND ECONOMICAL = JUST COMMON SENSE

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SOLAR AC DC
JUST COMMON SENSE



■ optional ■ standard

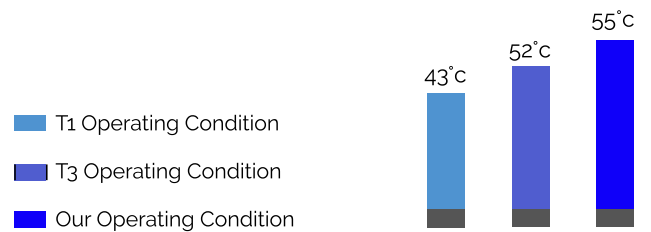
- Wired Controller**
- 180 Sine Wave Control**
- Auto Restart Function**
- Long-term Filter**
- Hydrophilic Aluminum Fin**
- Intelligent Defrosting**
- Fast Cooling/Heating**
- Low Ambient Cooling**
- Remote Control**
- Built-in Drain Pump**
- Golden Fin**
- WIFI Control**

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 |

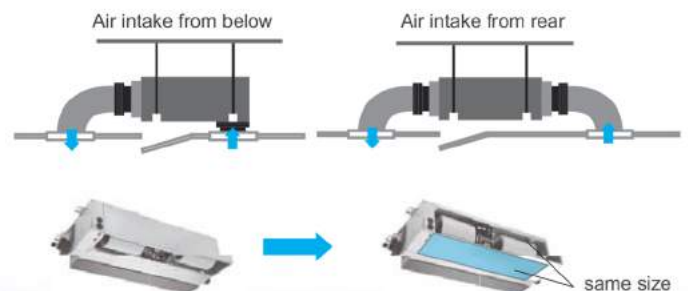
UP TO 55°C OPERATION

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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