

Wall Mounted Hybrid Solar Air Conditioner



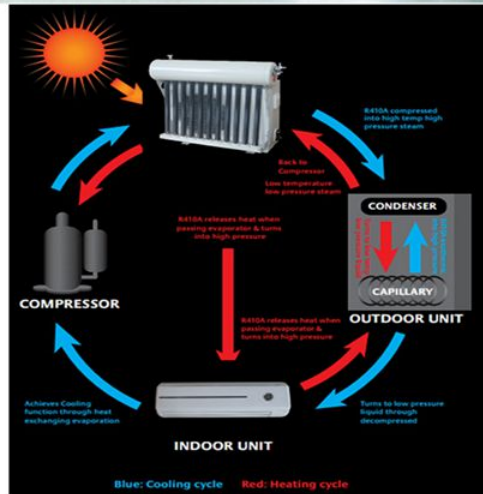
Why Solar Hybrid air conditioner can save electricity?



Here are the reasons:

Firstly, it absorbs solar energy to heat the inside medium by using a vacuum solar collector. The refrigeration from the compressor goes through the copper coil inside the collector and undertakes a heat exchange. The refrigeration exchanges heat with the medium inside the solar collector will go through a cycle inside the system for cooling and heating.

Secondly, it adopts a high efficient heat-exchange system. The use of the internal thread pipe, hydrophilic aluminium fin and the optimal heat exchange system reduce energy loss, improve the overall efficiency and effectively ensure the performance. Therefore, hybrid solar air conditioner is more convenient and energy-saving than regular air conditioner.

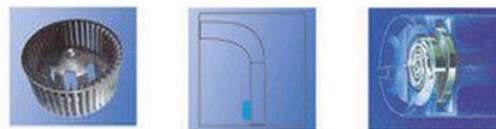
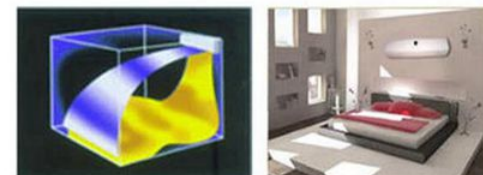


AUXILIARY ELECTRIC HEATING FUNCTION

Auxiliary electric heating system is adopted to ensure sufficient air-conditioning even in chilly winter.

AUTOMATICALLY CONTROL HORIZONTAL VANE

In order to reach set temperature rapidly, when AUTO mode is selected, the position of horizontal vane is automatically set to correspond to the operation mode to perform effective operation.

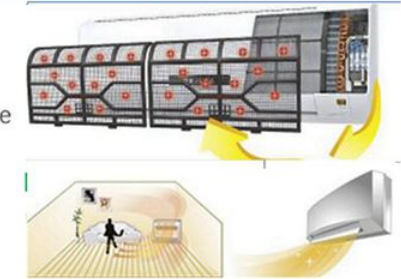


Wall Mounted Hybrid Solar Air Conditioner

9000, 12 000, 18 000 & 24 000 Btu/hr



- Sleek new silhouette
- Anti-bacterial filter
- Heating/cooling
- Smart Saver
- Good sleep mode



G10 Technology

1 W Standby

Automatic Operation

LED Display

Intelligent Defrosting

3D Airflow

Clock Display

8 °c Heating

| | | Performance | | | | |
|-----------------|---------|-------------|-------------|-------------|-------------|-------------|
| | | TKF(R)-26GW | TKF(R)-35GW | TKF(R)-52GW | TKF(R)-60GW | TKF(R)-72GW |
| Capacity | Cooling | Btu/h 9000 | 12000 | 18000 | 20000 | 24000 |
| | | W 2600 | 3500 | 5200 | 6000 | 7200 |
| | Heating | Btu/h 10000 | 13000 | 18800+1700 | 22000+1700 | 27000+1700 |
| | | W 2900 | 3800 | 5500+500 | 6600+500 | 7900+500 |
| Noise | Indoor | dB(A) ≤40 | ≤42 | ≤44 | ≤46 | ≤50 |
| | Outdoor | dB(A) ≤50 | ≤52 | ≤54 | ≤56 | ≤58 |
| Air Circulation | m³/h | 450 | 550 | 800 | 850 | 1050 |
| Suitable Area | m² | 11-17 | 15-23 | 26-36 | 25-42 | 30-48 |
| EER | W/W | 3.64 | 3.89 | 3.83 | 3.88 | 3.82 |
| | Btu/h/w | 12.42 | 13.27 | 13.07 | 13.24 | 13.03 |

| | | Power Consumption | | | | |
|---------------|--------------------|-------------------|---------------|---------------|---------------|---------------|
| Power Input | Cooling | W 650-770 | 800-1025 | 1150-1300 | 1350-1560 | 1700-1900 |
| | Heating | W 650-780 | 800-1050 | 1150-1350+500 | 1350-1590+500 | 1700-1950+500 |
| Rated Current | Cooling | A 2.95-3.50 | 3.64-4.66 | 5.53-5.92 | 6.14-7.09 | 7.73-8.64 |
| | Heating | A 2.95-3.55 | 3.64-4.77 | 5.53-6.03+2.2 | 6.14-7.23+2.2 | 7.73-8.66+2.2 |
| Vacuum Tube | Diameter*Length*Pc | 47mm*500mm*9 | 47mm*500mm*10 | 47mm*620mm*11 | 47mm*620mm*11 | 47mm*620mm*11 |

| | | Dimensions | | | | |
|--------------|----------|----------------|-------------|--------------|--------------|----------------|
| Indoor Unit | Net | mm 700*230*160 | 785*285*210 | 985*320*215 | 985*320*215 | 985*325*230 |
| | Shipping | mm 822*315*250 | 910*370*300 | 1080*380*300 | 1080*380*300 | 1160*400*330mm |
| Outdoor Unit | Net | mm 790*260*540 | 790*260*540 | 850*300*755 | 850*300*755 | 940*300*755 |
| | Shipping | mm 910*370*610 | 910*370*610 | 950*410*760 | 950*410*760 | 990*400*770 |
| Water Tank | Shipping | mm 910*400*330 | 910*400*330 | 980*400*370 | 980*400*370 | 980*400*370 |
| Vacuum Tube | Shipping | mm 910*400*330 | 910*400*330 | 980*400*370 | 980*400*370 | 980*400*370 |