

Hybrid Solar Air Conditioner

25 %
To
45 %
Energy Saving

- The solar AC is driven by electricity and with solar energy as an auxiliary power.
- The two kinds of energy works in accordance with principle of fluid dynamics.
- Adopts vacuum tube solar collector with high performance of absorption and low reflection ratio.



Component Features:

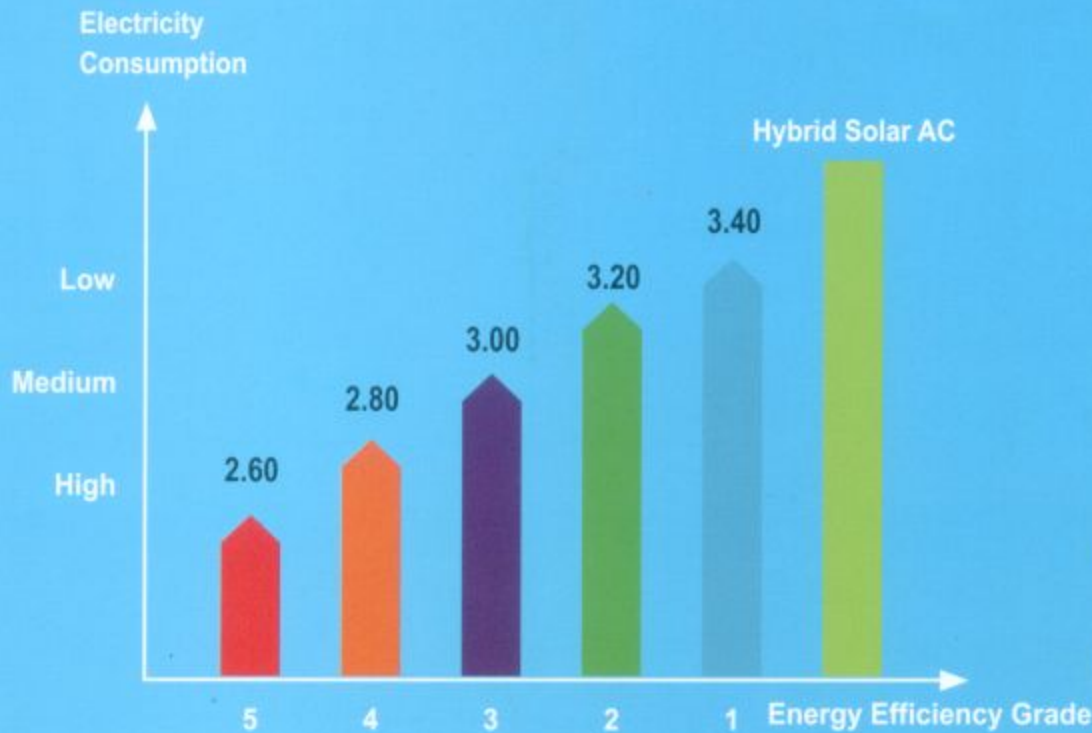
- The solar air-conditioner can save 25% to 45% and more electricity comparing to traditional ones.
- Reliable and durable.
- Use famous brand compressors (Mitsubishi, Toshiba, Panasonic)
- High-quality Flat plate Collector.
- Luxurious appearance.
- Strong environmental adoptability.



Technical Specification:

Model No.			TKF(R)-35GW	TKF(R)-52GW	TKF(R)-72GW
Power Supply 220-240VAC, 1PH, 50Hz					
Performance					
Capacity	Cooling	Btu/h	12000	18000	24000
		W	3500	5200	7200
	Heating	Btu/h	13000	18800+1700	27000+1700
		W	3800	5500+500	7900+500
Air Circulation		m ³ /h	550	800	1050
Suitable Area		m ²	15~23	26-36	30~48
Power Input	Cooling	W	800~1025	1150-1300	1700~1900
	Heating	W	800~1050	1150-1350+500	1700~1950+500
Rated Current	Cooling	A	3.64~4.66	5.53~5.92	7.73~8.64
	Heating	A	3.64~4.77	5.53~6.03+2.2	7.73~8.66+2.2
Flat plate collector	Net/Gross	kg	15/18	15/18	15/18

A lot of test results indicate that **25 %**
hybrid solar air conditioner saves
minimum in cooling **45 %** in heating



The above compare data are from wall-mounted type air conditioners with cooling capacity less than 4500W



Catkin Engineering Sales
& Services

AN ISO 9001-2008 CERTIFIED COMPANY



Plot No. 140, Street No. 9, I-10/3, Industrial Area, Islamabad

Tel: +92 51 4100 081, 82, 85.

Fax No. +92 51 4100 083, Email: info@catkin.com.pk, website: www.catkin.com.pk