

# Cabinet Floor Standing Type Hybrid Solar Air Conditioner



- 1. Hybrid Solar Powered Air Conditioner**
- 2. 30- 50% energy saving**
- 3. smooth running at -5 to 53C**
- 4. Mitsubishi or Toshiba compressor**

## **Feature:**

- 1) High efficiently, energy-saving, comfortable and money saving, exceeding national first grade energy standard.
- 2) Durable and long-lived, smooth running.
- 3) Low-loaded operation of the compressor to extend its duration.
- 4) Healthy and comfortable, constant temperature and keeping air-conditioner disease away.
- 5) It is not frequency conversion air conditioner but superior to it because conversion type begins to save energy when the indoor temperature reaches the set value, while the hybrid solar air-conditioner runs in the optimal state immediately after starting and it achieves the same effects of traditional air conditioner with less power consumption.
- 6) Super luxurious appearance decorates your home. Indoor panel adopts aluminum alloy and wire drawing metal color board to make your house more sparkling.
- 7) Automatic open and close dustproof air outlet.
- 8) Easy installation
- 9) With strong adaptability, Chuanglan hybrid solar air-conditioner can run at super high and low temperature from -5 to 53C.

# Cabinet Floor Standing Type Hybrid Solar Air Conditioner

## Specification:

Model No.			TKF(R)-60LW	TKF(R)-72LW	TKF(R)-100LW	TKF(R)-120LW	TKF(R)140LW
<b>Power Supply: 220-240VAC, 1PH, 50Hz</b>							
Performance							
Capacity	Cooling	Btu/h	20000	24000	36000	41000	48000
		W	6000	7200	10000	12000	14000
	Heating	Btu/h	22000	27000	40000	46000	55000
		W	6600	7900	12000	14000	16000
Noise	Indoor	dB(A)	≤47	≤51	≤51	≤53	≤53
	Outdoor	dB(A)	≤56	≤58	≤58	≤60	≤60
Air Circulation		m³/h	800	1250	1700	1800	1900
Suitable Area		m²	25~42	30~48	42~67	50~80	58~93
EER	W/W		3.88	3.82	3.87	3.96	3.87
	Btu/h/w		13.24	13.03	13.2	13.51	13.2
Power Consumption							
Power Input	Cooling	W	1350~1560	1700~1900	2400~2640	2900~3150	3500~3740
	Heating	W	1350~1590+350	1700~1950+350	2470~2650+350	2900~3180+350	3500~3760+350
Rated Current	Cooling	A	6.14~7.09	7.73~8.64	10.91~11.95	13.18~14.32	15.91~17
	Heating	A	6.14~7.23+1.6	7.73~8.66+1.6	10.91~12.05+1.6	13.18~14.45+1.6	15.91~17.09+1.6
Vacuum Tube	Dia*L*P		47*620*11	47*620*11	47*700*13	47*1200*13	47*1200*13
Dimensions							
Indoor Unit	Net	mm	490*280*1730	550*300*1790	550*300*1790	550*390*1790	550*390*1790
	Shipping	mm	580*390*1790	630*380*1900	630*380*1900	630*470*1900	630*470*1900
Outdoor Unit	Net	mm	850*300*755	940*300*755	950*355*835	950*355*1255	950*360*1255
	Shipping	mm	950*400*770	990*400*770	1140*460*910	1140*460*1340	1140*460*1340
Water Tank	Shipping	mm	980*400*370	980*400*370	1105*400*325	1120*400*400	1120*400*400
Vacuum Tube	Shipping	mm			765*280*205	1270*280*210	1270*280*210
Weight							
Indoor Unit	Net/Gro	kg	39/42	43/47	44/48	51/55	52/56
Outdoor Unit	Net/Gro	kg	50/52	55/58	73/76	95/100	97/102
Solar Collector	Net/Gro	kg	16/17	16/17	18/21	23/26	23/26
Loading Qty	in 20feet	sets	33	31	27	18	18
	40HQ	sets	82	76	66	45	45

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Model No.			TKF(R)-60LW	TKF(R)-72LW	TKF(R)-100LW	TKF(R)-120LW	TKF(R)140LW
<b>Power Supply: 220-240VAC, 1/3PH, 60Hz</b>							
Performance							
Capacity	Cooling	Btu/h	20000	24000	36000	41000	48000
		W	6000	7200	10000	12000	14000
	Heating	Btu/h	22000+1700	27000+1700	40000+1700	46000+1700	55000+1700
		W	6600+500	7900+500	12000+500	14000+500	16000+500
Noise	Indoor	dB(A)	≤47	≤51	≤51	≤53	≤53
	Outdoor	dB(A)	≤56	≤58	≤58	≤60	≤60
Air Circulation		m <sup>3</sup> /h	800	1250	1700	1800	1900
Suitable Area		m <sup>2</sup>	25~42	30~48	42~67	50~80	58~93
EER		W/W	3.88	3.82	3.87	3.96	3.87
		Btu/h/w	13.24	13.03	13.2	13.51	13.2
Power Consumption							
Power Input	Cooling	W	1350~1560	1700~1900	2400~2640	2900~3150	3500~3740
	Heating	W	1350~1590+500	1700~1950+500	2470~2650+500	2900~3180+500	3500~3760+500
Rated Current	Cooling	A	6.14~7.09	7.73~8.64	10.91~11.95	13.18~14.32	15.91~17
	Heating	A	6.14~7.23+2.2	7.73~8.66+2.2	10.91~12.05+2.2	13.18~14.45+2.2	15.91~17.09+2.2
Vacuum Tube	Diameter* Length*Pieces		47*620*11	47*620*11	47*700*13	47*1200*13	47*1200*13
Dimensions							
Indoor Unit	Net	mm	490*280*1730	550*300*1790	550*300*1790	550*390*1790	550*390*1790
	Shipping	mm	580*390*1790	630*380*1900	630*380*1900	630*470*1900	630*470*1900
Outdoor Unit	Net	mm	850*300*755	940*300*755	950*355*835	950*355*1255	950*360*1255
	Shipping	mm	950*400*770	990*400*770	1140*460*910	1140*460*1340	1140*460*1340

# Cabinet Floor Standing Type Hybrid Solar Air Conditioner

Water Tank	Shipping	mm	980*400*370	980*400*370	1120*400*400	1120*400*400	1120*400*400
Vacuum Tube	Shipping	mm				1270*280*210	1270*280*210
Weight							
Indoor Unit	Net/Gross	kg	39/42	43/47	44/48	51/55	52/56
Outdoor Unit	Net/Gross	kg	50/52	55/58	73/76	95/100	97/102
Solar Collector	Net/Gross	kg	16/17	16/17	18/21	23/26	23/26
Loading Qty	in 20feet	sets	33	31	27	18	18
	40HQ	sets	82	76	66	45	45

## REMARKS:

- 1) Above **Red Numbers** means the electrical heater is on.
- 2) Parameters in the form are measured in the rated working state according to GB/T7725-2004. Changes may appear according to real working state.
- 3) Parameters may change due to the product improvement, please refer to the products nameplate.