

# Spite Wall Mounted 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.

# Spite Wall Mounted Type Hybrid Solar Air Conditioner

## Specification:

Model No.			TKF(R)-26GW	TKF(R)-32GW	TKF(R)-35GW	TKF(R)-60GW	TKF(R)-72GW
<b>Power Supply: 220-240VAC, 1PH, 50Hz</b>							
Performance							
Capacity	Cooling	Btu/h	9000	11500	12000	20000	24000
		W	2600	3200	3500	6000	7200
	Heating	Btu/h	10000	12000	13000	22000	27000
		W	2900	3500	3800	6600	7900
Noise	Indoor	dB(A)	≤40	≤42	≤42	≤46	≤50
	Outdoor	dB(A)	≤50	≤50	≤52	≤56	≤58
Air Circulation		m <sup>3</sup> /h	450	520	550	850	1050
Suitable Area		m <sup>2</sup>	11~17	13~21	15~23	25~42	30~48
EER	W/W		3.64	3.72	3.89	3.88	3.82
	Btu/h/w		12.42	12.69	13.27	13.24	13.03
Power Consumption							
Power Input	Cooling	W	650~770	780~940	800~1025	1350~1560	1700~1900
	Heating	W	650~780+350	780~950+350	800~1050+350	1350~1590+350	1700~1950+350
Rated Current	Cooling	A	2.95~3.50	3.55~4.27	3.64~4.66	6.14~7.09	7.73~8.64
	Heating	A	2.95~3.55+1.6	3.55~4.31+1.6	3.64~4.77+1.6	6.14~7.23+1.6	7.73~8.66+1.6
Vacuum Tube	Dia*L*Pcs		47*500*9	47*500*10	47*500*10	47*620*11	47*620*11
Dimensions							
Indoor Unit	Net	mm	785*285*210	785*285*210	785*285*210	985*320*215	985*325*230
	Shipping	mm	910*370*300	910*370*300	910*370*300	1080*380*300	1160*400*330
Outdoor Unit	Net	mm	790*260*540	790*260*540	790*260*540	850*300*755	940*300*755
	Shipping	mm	910*370*610	910*370*610	910*370*610	950*410*760	990*400*770
Water Tank	Shipping	mm	910*400*330	910*400*330	910*400*330	980*400*370	980*400*370
Vacuum Tube	Shipping	mm					
Weight							
Indoor Unit	Net/Gross	kg	10/11	10.5/13	10.5/13	17/18.5	21/23
Outdoor Unit	Net/Gross	kg	31/34	33/36	38/40	50/52	55/58
Solar Collector	Net/Gross	kg	13/15	13/15	13/15	16/17	16/17
Loading Qty	in 20feet	sets	66	66	66	49	46
	40HQ	sets	162	162	162	120	112

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Model No.		TKF(R)-26GW	TKF(R)-32GW	TKF(R)-35GW	TKF(R)-60GW	TKF(R)-72GW	
<b>Power Supply: 220-240VAC, 1PH, 60Hz</b>							
<b>Performance</b>							
Capacity	Cooling	Btu/h	9000	11500	12000	20000	24000
		W	2600	3200	3500	6000	7200
	Heating	Btu/h	10000	12000	13000	22000+1700	27000+1700
		W	2900	3500	3800	6600+500	7900+500
Noise	Indoor	dB(A)	≤40	≤42	≤42	≤46	≤50
	Outdoor	dB(A)	≤50	≤50	≤52	≤56	≤58
Air Circulation		m³/h	450	520	550	850	1050
Suitable Area		m²	11~17	13~21	15~23	25~42	30~48
EER	W/W		3.64	3.72	3.89	3.88	3.82
	Btu/h/w		12.42	12.69	13.27	13.24	13.03
<b>Power Consumption</b>							
Power Input	Cooling	W	650~770	780~940	800~1025	1350~1560	1700~1900
	Heating	W	650~780	780~950	800~1050	1350~1590+500	1700~1950+500
Rated Current	Cooling	A	2.95~3.50	3.55~4.27	3.64~4.66	6.14~7.09	7.73~8.64
	Heating	A	2.95~3.55	3.55~4.31	3.64~4.77	6.14~7.23+2.2	7.73~8.66+2.2
Vacuum Tube	Diameter*Length*Pcs (mm)		47*500*9	47*500*10	47*500*10	47*620*11	47*620*11
<b>Dimensions</b>							
Indoor Unit	Net	mm	700*230*160	785*285*210	785*285*210	985*320*215	985*325*230
	Shipping	mm	822*315*250	910*370*300	910*370*300	1070*370*260	1070*370*260
Outdoor Unit	Net	mm	790*260*540	790*260*540	790*260*540	850*300*755	940*300*755
	Shipping	mm	910*370*610	910*370*610	910*370*610	950*400*770	990*400*770
Water Tank	Shipping	mm	910*400*330	910*400*330	910*400*330	980*400*370	980*400*370
Vacuum Tube	Shipping	mm					
<b>Weight</b>							
Indoor Unit	Net/Gross	kg	8/10	10.5/13	10.5/13	17/18.5	21/23
Outdoor Unit	Net/Gross	kg	29/34	38/40	38/40	50/52	55/58
Solar Collector	Net/Gross	kg	13/15	13/15	13/15	16/17	16/17
Loading Qty	in 20feet	sets	66	66	66	52	51
	40HQ	sets	162	162	162	128	125

REMARKS: All aboved **Red Numbers** means the electrical heater is on.