

# \* Solar Air Conditioner



Split Type>> Model: TKF(R)-32GW (11500BTU)



- Leading technology of Luxury LED design line up to 48000BTU
- Energy Saving up to 50% compared with ordinary air conditioner
- Wide reliable working temperature
- World famous reliable compressor: Hitachi & Mitsubishi
- Saving energy at anytime, and any weather.
- Health technology fully improving the air quality (optional)
- Elegant appearance & latest design
- Intelligent remote control & 24 hours timer function
- Auto restart
- Auto mode

<b>Model</b>	<b>TKF(R)-32GW</b>	
<b>Function</b>	<b>Cooling</b>	<b>Heating</b>
<b>Capacity(W)</b>	<b>3200</b>	<b>3530</b>
<b>Freon</b>	<b>R22 or R410A</b>	
<b>Power Supply</b>	<b>220V-240V/50Hz/1Ph</b>	
<b>Auxiliary Electric Heating Power Consumption(W)</b>	<b>860</b>	<b>860-1360</b>
<b>Rated Current(A)</b>	<b>3.9</b>	<b>3.9-6.2</b>
<b>Noise db(A)</b>	<b>Indoor &lt;40</b>	
	<b>Outdoor&lt;50</b>	
<b>Air Circulation (M3/H)</b>	<b>600</b>	
<b>Suitable Area (m<sup>2</sup>)</b>	<b>10~15</b>	
<b>EER (btu/h/w)</b>	<b>5.33</b>	
<b>Shipment Dimension (L*W*H, MM/kg)</b>	<b>Indoor</b>	<b>905*370*285/ 13</b>
	<b>Outdoor</b>	<b>920*340*600 / 38</b>
	<b>Attachment</b>	<b>925*400*320 / 16</b>
<b>Unit volume (M3)</b>	<b>0.39</b>	
<b>Load Capacity (20')</b>	<b>70</b>	
<b>Load Capacity (40')</b>	<b>140</b>	
<b>Load Capacity (40'HQ)</b>	<b>170</b>	

## Electricity Consume of Solar AC VS Normal AC

Hour	Electricity Consume of Normal AC	Electricity Consume of Solar AC	Electricity Saved
1 hour	1.3kw	0.86KW	0.44KW
10 hour	13kw	8.6KW	4.4KW
1 month (10 hours as a day)	390kw	258KW	132KW
5 months (10 hours as 1day)	1950kw	1290KW	660KW
2 year (5 months as 1 year)	3900kw	2580KW	1320KW
5 year (6 months as 1 year)	9750kw	6450KW	3300KW

# \* Solar Air Conditioner



Split Type>>Model: SKF(R)-35GW (12000BTU)



- Leading technology of Luxury LED design line up to 48000BTU
- Energy Saving up to 50% compared with ordinary air conditioner
- Wide reliable working temperature
- World famous reliable compressor: Hitachi & Mitsubishi
- Saving energy at anytime, and any weather.
- Health technology fully improving the air quality (optional)
- Elegant appearance & latest design
- Intelligent remote control & 24 hours timer function
- Auto restart
- Auto mode

<b>Model</b>	<b>SKF(R)-35GW</b>	
<b>Function</b>	<b>Cooling</b>	<b>Heating</b>
<b>Capacity(W)</b>	<b>3500</b>	<b>3860</b>
<b>Freon</b>	<b>R22 or R410A</b>	
<b>Power Supply</b>	<b>220V-240V/50Hz/1Ph</b>	
<b>Auxiliary Electric Heating Power Consumption(W)</b>	<b>1025</b>	<b>1025-1525</b>
<b>Rated Current(A)</b>	<b>4.7</b>	<b>4.7-6.9</b>
<b>Noise db(A)</b>	<b>Indoor &lt;40</b>	
	<b>Outdoor&lt;50</b>	
<b>Air Circulation (M3/H)</b>	<b>600</b>	
<b>Suitable Area (m<sup>2</sup>)</b>	<b>10~20</b>	
<b>EER (btu/h/w)</b>	<b>5.33</b>	
<b>Shipment Dimension (L*W*H, MM/kg)</b>	<b>Indoor</b>	<b>905*370*285/ 13</b>
	<b>Outdoor</b>	<b>920*340*600 / 38</b>
	<b>Solar Collector</b>	<b>925*400*320 / 16</b>
<b>Unit volume (M3)</b>	<b>0.39</b>	
<b>Load Capacity (20')</b>	<b>70</b>	
<b>Load Capacity (40')</b>	<b>140</b>	
<b>Load Capacity (40'HQ)</b>	<b>170</b>	

## Electricity Consumption of Solar AC VS Normal AC

Hour	Electricity Consume of Normal AC	Electricity Consume of Solar AC	Electricity Saved
1 hour	1.3kw	0.86KW	0.44KW
10 hour	13kw	8.6KW	4.4KW
1 month (10 hours per day)	390kw	258KW	132KW
5 months (10 hours per day)	1950kw	1290KW	660KW
2 year (5 months per year)	3900kw	2580KW	1320KW
5 year (6 months per year)	9750kw	6450KW	3300KW

# \* Solar Air Conditioner



Split Type>>Model: TKF(R)-37GW (13300BTU)



- Leading technology of Luxury LED design line up to 48000BTU
- Energy Saving up to 50% compared with ordinary air conditioner
- Wide reliable working temperature
- World famous reliable compressor: Hitachi & Mitsubishi
- Saving energy at anytime, and any weather.
- Health technology fully improving the air quality (optional)
- Elegant appearance & latest design
- Intelligent remote control & 24 hours timer function
- Auto restart
- Auto mode

<b>Model</b>	<b>TKF(R)-37GW</b>	
<b>Function</b>	<b>Cooling</b>	<b>Heating</b>
<b>Capacity(W)</b>	<b>3700</b>	<b>4070</b>
<b>Freon</b>	<b>R22 or R410A</b>	
<b>Power Supply</b>	<b>220V-240V/50Hz/1Ph</b>	
<b>Auxiliary Electric Heating Power Consumption(W)</b>	<b>1050</b>	<b>1050-1550</b>
<b>Rated Current(A)</b>	<b>4.8</b>	<b>4.7-7.0</b>
<b>Noise db(A)</b>	<b>Indoor &lt;40</b>	
	<b>Outdoor&lt;50</b>	
<b>Air Circulation (M3/H)</b>	<b>600</b>	
<b>Suitable Area (m<sup>2</sup>)</b>	<b>10~25</b>	
<b>EER (btu/h/w)</b>	<b>5.33</b>	
<b>Shipment Dimension (L*W*H, MM/kg)</b>	<b>Indoor</b>	<b>905*370*285/ 14</b>
	<b>Outdoor</b>	<b>920*340*600 / 38</b>
	<b>Solar Collector</b>	<b>925*400*320 / 16</b>
<b>Unit volume (M3)</b>	<b>0.39</b>	
<b>Load Capacity (20')</b>	<b>70</b>	
<b>Load Capacity (40')</b>	<b>140</b>	
<b>Load Capacity (40'HQ)</b>	<b>170</b>	

## Electricity Consume of Solar AC VS Normal AC

Hour	Electricity Consume of Normal AC	Electricity Consume of Solar AC	Electricity Saved
1 hour	1.3kw	0.86KW	0.44KW
10 hour	13kw	8.6KW	4.4KW
1 month (10 hours as a day)	390kw	258KW	132KW
5 months (10 hours as 1day)	1950kw	1290KW	660KW
2 year (5 months as 1 year)	3900kw	2580KW	1320KW
5 year (6 months as 1 year)	9750kw	6450KW	3300KW

# \* Solar Air Conditioner



Split Type>>Model: SKF(R)-52GW (18000BTU)



- Leading technology of Luxury LED design line up to 48000BTU
- Energy Saving up to 50% compared with ordinary air conditioner
- Wide reliable working temperature
- World famous reliable compressor: Hitachi & Mitsubishi
- Saving energy at anytime, and any weather.
- Health technology fully improving the air quality (optional)
- Elegant appearance & latest design
- Intelligent remote control & 24 hours timer function
- Auto restart
- Auto mode

<b>Model</b>	<b>SKF(R)-52GW</b>	
<b>Function</b>	<b>Cooling</b>	<b>Heating</b>
<b>Capacity(W)</b>	<b>5200</b>	<b>5700+500( electric heat)</b>
<b>Freon</b>	<b>R22 or R410A</b>	
<b>Power Supply</b>	<b>220V-240V/50Hz/1Ph</b>	
<b>Auxiliary Electric Heating Power Consumption(W)</b>	<b>1130~1360</b>	<b>1630~1860</b>
<b>Rated Current(A)</b>	<b>5.13~6.18</b>	<b>8.45~6.18/8.45</b>
<b>Noise db(A)</b>	<b>Indoor &lt;48</b>	
	<b>Outdoor&lt;56</b>	
<b>Air Circulation (M3/H)</b>	<b>1000</b>	
<b>Suitable Area (m<sup>2</sup>)</b>	<b>25~35</b>	
<b>EER (btu/h/w)</b>	<b>4.61</b>	
<b>Shipment Dimension (L*W*H, MM/kg)</b>	<b>Indoor</b>	<b>1065*375*255/ 18.5</b>
	<b>Outdoor</b>	<b>995*390*650 / 56</b>
	<b>Solar Collector</b>	<b>975*380*350 / 18</b>
<b>Unit volume (M3)</b>	<b>0.48</b>	
<b>Load Capacity (20')</b>	<b>60 pcs</b>	
<b>Load Capacity (40')</b>	<b>120 pcs</b>	
<b>Load Capacity (40'HQ)</b>	<b>140 pcs</b>	

## Electricity Consumption of Solar AC VS Normal AC

Hour	Electricity Consume of Normal AC	Electricity Consume of Solar AC	Electricity Saved
1 hour	2.1kw	1.2kw	0.9kw
10 hour	21kw	12kw	9kw
1 month (10 hours per day)	630kw	360kw	270kw
5 months (10 hours per day)	3150kw	1800kw	1350kw
2 year (5 months per year)	6300kw	3900kw	2700kw
5 year (6 months per year)	15750kw	9750kw	6750kw

# \* Solar Air Conditioner



Split Type>>Model: SKF(R)-70GW (24000BTU)



- Leading technology of Luxury LED design line up to 48000BTU
- Energy Saving up to 50% compared with ordinary air conditioner
- Wide reliable working temperature
- World famous reliable compressor: Hitachi & Mitsubishi
- Saving energy at anytime, and any weather.
- Health technology fully improving the air quality (optional)
- Elegant appearance & latest design
- Intelligent remote control & 24 hours timer function
- Auto restart
- Auto mode

<b>Model</b>	<b>SKF(R)-70GW</b>	
<b>Function</b>	<b>Cooling</b>	<b>Heating</b>
<b>Capacity(W)</b>	<b>7000</b>	<b>5700+500( electric heat)</b>
<b>Freon</b>	<b>R22 or R410A</b>	
<b>Power Supply</b>	<b>220V-240V/50Hz/1Ph</b>	
<b>Auxiliary Electric Heating Power Consumption(W)</b>	<b>1130~1360</b>	<b>1630~1860</b>
<b>Rated Current(A)</b>	<b>5.13~6.18</b>	<b>8.45~6.18/8.45</b>
<b>Noise db(A)</b>	<b>Indoor &lt;48</b>	
	<b>Outdoor&lt;56</b>	
<b>Air Circulation (M3/H)</b>	<b>1000</b>	
<b>Suitable Area (m<sup>2</sup>)</b>	<b>25~35</b>	
<b>EER (btu/h/w)</b>	<b>4.61</b>	
<b>Shipment Dimension (L*W*H, MM/kg)</b>	<b>Indoor</b>	<b>1065*375*255/ 18.5</b>
	<b>Outdoor</b>	<b>995*390*650 / 56</b>
	<b>Solar Collector</b>	<b>975*380*350 / 18</b>
<b>Unit volume (M3)</b>	<b>0.48</b>	
<b>Load Capacity (20')</b>	<b>60 pcs</b>	
<b>Load Capacity (40')</b>	<b>120 pcs</b>	
<b>Load Capacity (40'HQ)</b>	<b>140 pcs</b>	

## Electricity Consumption of Solar AC VS Normal AC

Hour	Electricity Consume of Normal AC	Electricity Consume of Solar AC	Electricity Saved
1 hour	2.1kw	1.2kw	0.9kw
10 hour	21kw	12kw	9kw
1 month (10 hours per day)	630kw	360kw	270kw
5 months (10 hours per day)	3150kw	1800kw	1350kw
2 year (5 months per year)	6300kw	3900kw	2700kw
5 year (6 months per year)	15750kw	9750kw	6750kw

# \* Solar Air Conditioner



Split Type>>Model: SKF(R)-120GW (36000BTU)



- Leading technology of Luxury LED design line up to 48000BTU
- Energy Saving up to 50% compared with ordinary air conditioner
- Wide reliable working temperature
- World famous reliable compressor: Hitachi & Mitsubishi
- Saving energy at anytime, and any weather.
- Health technology fully improving the air quality (optional)
- Elegant appearance & latest design
- Intelligent remote control & 24 hours timer function
- Auto restart
- Auto mode

<b>Model</b>	<b>SKF(R)-120GW</b>	
<b>Function</b>	<b>Cooling</b>	<b>Heating</b>
<b>Capacity(W)</b>	<b>10000</b>	<b>12000+500( electric heat)</b>
<b>Freon</b>	<b>R22 or R410A</b>	
<b>Power Supply</b>	<b>220V-240V/50Hz/1Ph</b>	
<b>Auxiliary Electric Heating Power Consumption(W)</b>	<b>2500</b>	<b>2600+500</b>
<b>Rated Current(A)</b>	<b>12.1</b>	<b>12.5</b>
<b>Noise db(A)</b>	<b>Indoor &lt;55</b>	
	<b>Outdoor&lt;65</b>	
<b>Air Circulation (M3/H)</b>	<b>1700</b>	
<b>Suitable Area (m<sup>2</sup>)</b>	<b>45~70</b>	
<b>EER (btu/h/w)</b>	<b>4.0</b>	
<b>Shipment Dimension (L*W*H, MM/kg)</b>	<b>Indoor</b>	<b>1700*420*325 / 40</b>
	<b>Outdoor</b>	<b>1055* 420*940 / 100</b>
	<b>Solar Collector</b>	<b>1100*380*390 /25</b>
<b>Unit volume (M3)</b>	<b>1.0</b>	
<b>Load Capacity (20')</b>	<b>30 pcs</b>	
<b>Load Capacity (40')</b>	<b>60 pcs</b>	
<b>Load Capacity (40'HQ)</b>	<b>70 pcs</b>	

## Electricity Consumption of Solar AC VS Normal AC

Hour	Electricity Consume of Normal AC	Electricity Consume of Solar AC	Electricity Saved
1 hour	4.5kw	2.6kw	1.9kw
10 hour	45kw	26kw	15kw
1 month (10 hours per day)	1350kw	780kw	570kw
5 months (10 hours per day)	6750kw	3900kw	2850kw
2 year (5 months per year)	13500kw	7800kw	5700kw
5 year (6 months per year)	33750kw	19500kw	14250kw

# \* Solar Air Conditioner



Split Type>>Model: TKF(R)-140GW (41000BTU)



- Leading technology of Luxury LED design line up to 48000BTU
- Energy Saving up to 50% compared with ordinary air conditioner
- Wide reliable working temperature
- World famous reliable compressor: Hitachi & Mitsubishi
- Saving energy at anytime, and any weather.
- Health technology fully improving the air quality (optional)
- Elegant appearance & latest design
- Intelligent remote control & 24 hours timer function
- Auto restart
- Auto mode

<b>Model</b>	<b>TKF(R)-140GW</b>	
<b>Function</b>	<b>Cooling</b>	<b>Heating</b>
<b>Capacity(W)</b>	<b>12000</b>	<b>14000</b>
<b>Freon</b>	<b>R22 or R410A</b>	
<b>Power Supply</b>	<b>220V-240V/50Hz/</b>	
<b>Auxiliary Electric Heating Power Consumption(W)</b>	<b>3100</b>	<b>3200</b>
<b>Rated Current(A)</b>	<b>14.7</b>	<b>14.9</b>
<b>Noise db(A)</b>	<b>Indoor &lt;55</b>	
	<b>Outdoor&lt;65</b>	
<b>Air Circulation (M3/H)</b>	<b>1700</b>	
<b>Suitable Area (m<sup>2</sup>)</b>	<b>45~70</b>	
<b>EER (btu/h/w)</b>	<b>3.87</b>	
<b>Shipment Dimension (L*W*H, MM/kg)</b>	<b>Indoor</b>	<b>1700*420*325 / 45</b>
	<b>Outdoor</b>	<b>1055*420*1345 / 128</b>
	<b>Solar Collector</b>	<b>1100*380*390 / 16</b>
<b>Unit volume (M3)</b>	<b>1.0</b>	
<b>Load Capacity (20')</b>	<b>30 pcs</b>	
<b>Load Capacity (40')</b>	<b>60 pcs</b>	
<b>Load Capacity (40'HQ)</b>	<b>70 pcs</b>	

## Electricity Consume of Solar AC VS Normal AC

Hour	Electricity Consume of Normal AC	Electricity Consume of Solar AC	Electricity Saved
1 hour	5.5kw	3.2kw	2.3kw
10 hour	55kw	32kw	23kw
1 month (10 hours as a day)	1650kw	960kw	690kw
5 months (10 hours as 1day)	8250kw	4800kw	3450kw
2 year (5 months as 1 year)	16500kw	9600kw	6900kw
5 year (6 months as 1 year)	41250kw	24000kw	17250kw

# \* Solar Air Conditioner

Split Type>>Model: SKF(R)-160GW (48000BTU)



- Leading technology of Luxury LED design line up to 48000BTU
- Energy Saving up to 50% compared with ordinary air conditioner
- Wide reliable working temperature
- World famous reliable compressor: Hitachi & Mitsubishi
- Saving energy at anytime, and any weather.
- Health technology fully improving the air quality (optional)
- Elegant appearance & latest design
- Intelligent remote control & 24 hours timer function
- Auto restart
- Auto mode

<b>Model</b>	<b>SKF(R)-160GW</b>	
<b>Function</b>	<b>Cooling</b>	<b>Heating</b>
<b>Capacity(W)</b>	<b>14000</b>	<b>16000</b>
<b>Freon</b>	<b>R22 or R410A</b>	
<b>Power Supply</b>	<b>220V-240V/50Hz/</b>	
<b>Auxiliary Electric Heating Power Consumption(W)</b>	<b>3450</b>	<b>3500</b>
<b>Rated Current(A)</b>	<b>16.3</b>	<b>16.4</b>
<b>Noise db(A)</b>	<b>Indoor &lt;55</b>	
	<b>Outdoor&lt;65</b>	
<b>Air Circulation (M3/H)</b>	<b>1900</b>	
<b>Suitable Area (m<sup>2</sup>)</b>	<b>65~85</b>	
<b>EER (btu/h/w)</b>	<b>4.06</b>	
<b>Shipment Dimension (L*W*H, MM/kg)</b>	<b>Indoor</b>	<b>1700*420*325 / 47</b>
	<b>Outdoor</b>	<b>1055*420*1345 / 130</b>
	<b>Solar Collector</b>	<b>1100*380*390 / 30</b>
<b>Unit volume (M3)</b>	<b>1.0</b>	
<b>Load Capacity (20')</b>	<b>30 pcs</b>	
<b>Load Capacity (40')</b>	<b>60 pcs</b>	
<b>Load Capacity (40'HQ)</b>	<b>70 pcs</b>	

## Electricity Consumption of Solar AC VS Normal AC

Hour	Electricity Consume of Normal AC	Electricity Consume of Solar AC	Electricity Saved
1 hour		3.5kw	
10 hour		35kw	
1 month (10 hours per day)		1050kw	
5 months (10 hours per day)		5250kw	
2 year (5 months per year)		10500kw	
5 year (6 months per year)		26250kw	



# \* Solar Air Conditioner



Cabinet Type>> Model: TKF(R)-52LW (18000BTU)



- World brand-name compressor, high reliability and long-lived running;
- Long-range and wide-angle powerful air supply, comfortable in every corner;
- Active LCD was shiny with colors and lights;
- Intelligent desiccant, plum-rain season and the air more pleasant;
- Multi-automatic protection function

<b>Model</b>	<b>TKF(R)-52LW</b>	
<b>Function</b>	<b>Cooling</b>	<b>Heating</b>
<b>Capacity(W)</b>	<b>5200</b>	<b>5700</b>
<b>Freon</b>	<b>R22 or R410A</b>	
<b>Power Supply</b>	<b>220V-240V/50Hz</b>	
<b>Auxiliary Electric Heating Power Consumption(W)</b>	<b>1500</b>	<b>1550</b>
<b>Rated Current(A)</b>	<b>7.0</b>	<b>7.2</b>
<b>Noise db(A)</b>	<b>Indoor &lt;45</b>	
	<b>Outdoor&lt;55</b>	
<b>Air Circulation (M3/H)</b>	<b>800</b>	
<b>Suitable Area (m<sup>2</sup>)</b>	<b>25~35</b>	
<b>EER (btu/h/w)</b>	<b>3.6</b>	
<b>Shipment Dimension (L*W*H, MM/kg)</b>	<b>Indoor</b>	<b>995*765*311 / 33</b>
	<b>Outdoor</b>	<b>990*390*650 / 56</b>
	<b>Attachment</b>	<b>970*380*350 / 18</b>
<b>Unit volume (M3)</b>	<b>0.82</b>	
<b>Load Capacity (20')</b>	<b>35</b>	
<b>Load Capacity (40')</b>	<b>70</b>	
<b>Load Capacity (40'HQ)</b>	<b>80</b>	

## Electricity Consume of Solar AC VS Normal AC

<b>Hour</b>	<b>Electricity Consume of Normal AC</b>	<b>Electricity Consume of Solar AC</b>	<b>Electricity Saved</b>
<b>1 hour</b>	<b>2.1kw</b>	<b>1.5kw</b>	<b>0.6kw</b>
<b>10 hour</b>	<b>21kw</b>	<b>15kw</b>	<b>6.0kw</b>
<b>1 month (10 hours as a day)</b>	<b>630kw</b>	<b>450kw</b>	<b>180kw</b>
<b>5 months (10 hours as 1day)</b>	<b>3150kw</b>	<b>2250kw</b>	<b>900kw</b>
<b>2 year (5 months as 1 year)</b>	<b>6300kw</b>	<b>4500kw</b>	<b>1800kw</b>
<b>5 year (6 months as 1 year)</b>	<b>15750kw</b>	<b>11250kw</b>	<b>4500kw</b>

# \* Solar Air Conditioner



Cabinet Type>> Model: TKF(R)-70LW (24000BTU)



- World brand-name compressor, high reliability and long-lived running;
- Long-range and wide-angle powerful air supply, comfortable in every corner;
- Active LCD was shiny with colors and lights;
- Intelligent desiccant, plum-rain season and the air more pleasant;
- Multi-automatic protection function

<b>Model</b>	<b>TKF(R)-70LW</b>	
<b>Function</b>	<b>Cooling</b>	<b>Heating</b>
<b>Capacity(W)</b>	<b>7200</b>	<b>7700+500</b>
<b>Freon</b>	<b>R22 or R410A</b>	
<b>Power Supply</b>	<b>220V-240V/50Hz</b>	
<b>Auxiliary Electric Heating Power Consumption(W)</b>	<b>1500</b>	<b>1550</b>
<b>Rated Current(A)</b>	<b>5.13~6.18</b>	<b>5.13~6.18/8.45</b>
<b>Noise db(A)</b>	<b>Indoor &lt;55</b>	
	<b>Outdoor&lt;60</b>	
<b>Air Circulation (M3/H)</b>	<b>1100</b>	
<b>Suitable Area (m<sup>2</sup>)</b>	<b>30~45</b>	
<b>EER (btu/h/w)</b>	<b>3.9</b>	
<b>Shipment Dimension (L*W*H, MM/kg)</b>	<b>Indoor</b>	<b>1373*765*311 / 45</b>
	<b>Outdoor</b>	<b>990*400*750 / 66</b>
	<b>Attachment</b>	<b>1040*380*390 / 20</b>
<b>Unit volume (M3)</b>	<b>0.9</b>	
<b>Load Capacity (20')</b>	<b>32</b>	
<b>Load Capacity (40')</b>	<b>64</b>	
<b>Load Capacity (40'HQ)</b>	<b>72</b>	

## Electricity Consume of Solar AC VS Normal AC

Hour	Electricity Consume of Normal AC	Electricity Consume of Solar AC	Electricity Saved
1 hour	3.5kw	1.5kw	2.0kw
10 hour	35kw	15kw	20kw
1 month (10 hours as a day)	1050kw	450kw	600kw
5 months (10 hours as 1day)	5250kw	2250kw	3000kw
2 year (5 months as 1 year)	10500kw	4500kw	6000kw
5 year (6 months as 1 year)	26250kw	11250kw	15000kw

# \* Solar Air Conditioner



Cabinet Type>> Model: SKF(R)-120LW (41000BTU)



- World brand-name compressor, high reliability and long-lived running;
- Long-range and wide-angle powerful air supply, comfortable in every corner;
- Active LCD was shiny with colors and lights;
- Intelligent desiccant, plum-rain season and the air more pleasant;
- Multi-automatic protection function

<b>Model</b>	<b>SKF(R)-120LW</b>	
<b>Function</b>	<b>Cooling</b>	<b>Heating</b>
<b>Capacity(W)</b>	<b>12000</b>	<b>14000+500</b>
<b>Freon</b>	<b>R22 or R410A</b>	
<b>Power Supply</b>	<b>220V-240V/50Hz</b>	
<b>Auxiliary Electric Heating Power Consumption(W)</b>	<b>2900~3200</b>	<b>2900~3200+500</b>
<b>Rated Current(A)</b>	<b>7.63~8.42</b>	<b>7.63~8.42/9.73</b>
<b>Noise db(A)</b>	<b>Indoor &lt;55</b>	
	<b>Outdoor&lt;60</b>	
<b>Air Circulation (M3/H)</b>	<b>1850</b>	
<b>Suitable Area (m<sup>2</sup>)</b>	<b>50~70</b>	
<b>EER (btu/h/w)</b>	<b>3.75</b>	
<b>Shipment Dimension (L*W*H, MM/kg)</b>	<b>Indoor</b>	<b>1775*755*311 / 58</b>
	<b>Outdoor</b>	<b>1105*435*1120 / 100</b>
	<b>Attachment</b>	<b>1180*380*470 / 24</b>
<b>Unit volume (M3)</b>	<b>1.3</b>	
<b>Load Capacity (20')</b>	<b>21</b>	
<b>Load Capacity (40')</b>	<b>42</b>	
<b>Load Capacity (40'HQ)</b>	<b>50</b>	

## Electricity Consumption of Solar AC VS Normal AC

Hour	Electricity Consume of Normal AC	Electricity Consume of Solar AC	Electricity Saved
1 hour	5.5kw	3.0kw	2.5kw
10 hour	55kw	30kw	25kw
1 month (10 hours per day)	1650kw	900kw	750kw
5 months (10 hours per day)	8250kw	4500kw	3750kw
2 year (5 months per year)	16500kw	9000kw	75000kw
5 year (6 months per year)	41250kw	22500kw	18750kw

# \* Solar Air Conditioner

Cabinet Type>> Model: TKF(R)-140LW (48000BTU)



- World brand-name compressor, high reliability and long-lived running;
- Long-range and wide-angle powerful air supply, comfortable in every corner;
- Active LCD was shiny with colors and lights;
- Intelligent desiccant, plum-rain season and the air more pleasant;
- Multi-automatic protection function

<b>Model</b>	<b>TKF(R)-140LW</b>	
<b>Function</b>	<b>Cooling</b>	<b>Heating</b>
<b>Capacity(W)</b>	<b>14000</b>	<b>16000</b>
<b>Freon</b>	<b>R22 or R410A</b>	
<b>Power Supply</b>	<b>220V-240V/50Hz</b>	
<b>Auxiliary Electric Heating Power Consumption(W)</b>	<b>3450</b>	<b>3500</b>
<b>Rated Current(A)</b>	<b>16.3</b>	<b>16.4</b>
<b>Noise db(A)</b>	<b>Indoor &lt;55</b>	
	<b>Outdoor&lt;60</b>	
<b>Air Circulation (M3/H)</b>	<b>1850</b>	
<b>Suitable Area (m<sup>2</sup>)</b>	<b>50~70</b>	
<b>EER (btu/h/w)</b>	<b>3.75</b>	
<b>Shipment Dimension (L*W*H, MM/kg)</b>	<b>Indoor</b>	<b>1775*755*311 / 58</b>
	<b>Outdoor</b>	<b>1105*435*1120 / 100</b>
	<b>Solar Collector</b>	<b>1100*360*440 / 21</b>
<b>Unit volume (M3)</b>	<b>1.3</b>	
<b>Load Capacity (20')</b>	<b>21</b>	
<b>Load Capacity (40')</b>	<b>42</b>	
<b>Load Capacity (40'HQ)</b>	<b>50</b>	

## Electricity Consume of Solar AC VS Normal AC

<b>Hour</b>	<b>Electricity Consume of Normal AC</b>	<b>Electricity Consume of Solar AC</b>	<b>Electricity Saved</b>
<b>1 hour</b>		<b>3.5kw</b>	
<b>10 hour</b>		<b>35kw</b>	
<b>1 month (10 hours as a day)</b>		<b>1050kw</b>	
<b>5 months (10 hours as 1day)</b>		<b>5250kw</b>	
<b>2 year (5 months as 1 year)</b>		<b>10500kw</b>	
<b>5 year (6 months as 1 year)</b>		<b>26250kw</b>	

# \* Solar Air Conditioner



Cassette Type>> Model: TKF(R)-52QW (18000BTU)



- World brand-name compressor, high reliability and long-lived running;
- Long-range and wide-angle powerful air supply, comfortable in every corner;
- Active LCD was shiny with colors and lights;
- Intelligent desiccant, plum-rain season and the air more pleasant;
- Multi-automatic protection function

<b>Model</b>	<b>TKF(R)-52QW</b>	
<b>Function</b>	<b>Cooling</b>	<b>Heating</b>
<b>Capacity(W)</b>	<b>5200</b>	<b>5500+500</b>
<b>Freon</b>	<b>R22 or R410A</b>	
<b>Power Supply</b>	<b>220V-240V/50Hz</b>	
<b>Auxiliary Electric Heating Power Consumption(W)</b>	<b>1130~1360</b>	<b>1130~1860+500</b>
<b>Rated Current(A)</b>	<b>5.13~6.18</b>	<b>5.13~6.18/8.45</b>
<b>Noise db(A)</b>	<b>Indoor &lt;52</b>	
	<b>Outdoor&lt;60</b>	
<b>Air Circulation (M3/H)</b>	<b>800</b>	
<b>Suitable Area (m<sup>2</sup>)</b>	<b>22~34</b>	
<b>EER (btu/h/w)</b>	<b>3.83</b>	
<b>Shipment Dimension (L*W*H, MM/kg)</b>	<b>Indoor</b>	<b>675*675*310 / 34</b>
	<b>Outdoor</b>	<b>990*390*650 / 56</b>
	<b>Solar Collector</b>	<b>970*380*350 / 18</b>
	<b>Panel Unit</b>	<b>1005*1005*100 / 15</b>
<b>Unit volume (M3)</b>	<b>0.63</b>	
<b>Load Capacity (20')</b>	<b>46</b>	
<b>Load Capacity (40')</b>	<b>92</b>	
<b>Load Capacity (40'HQ)</b>	<b>105</b>	

## Electricity Consume of Solar AC VS Normal AC

Hour	Electricity Consume of Normal AC	Electricity Consume of Solar AC	Electricity Saved
1 hour	2.1kw	1.2kw	0.9kw
10 hour	21kw	12kw	9.0kw
1 month (10 hours as a day)	630kw	360kw	270kw
5 months (10 hours as 1day)	3150kw	1800kw	1350kw
2 year (5 months as 1 year)	6300kw	3900kw	2400kw
5 year (6 months as 1 year)	15750kw	9750kw	6000kw

# \* Solar Air Conditioner



Cassette Type>> Model: TKF(R)-70QW (24000BTU)



- World brand-name compressor, high reliability and long-lived running;
- Long-range and wide-angle powerful air supply, comfortable in every corner;
- Active LCD was shiny with colors and lights;
- Intelligent desiccant, plum-rain season and the air more pleasant;
- Multi-automatic protection function

<b>Model</b>	<b>TKF(R)-70QW</b>	
<b>Function</b>	<b>Cooling</b>	<b>Heating</b>
<b>Capacity(W)</b>	<b>7200</b>	<b>7700+500</b>
<b>Freon</b>	<b>R22 or R410A</b>	
<b>Power Supply</b>	<b>220V-240V/50Hz</b>	
<b>Auxiliary Electric Heating Power Consumption(W)</b>	<b>1130~1360</b>	<b>1130~1860+500</b>
<b>Rated Current(A)</b>	<b>5.13~6.18</b>	<b>5.13~6.18/8.45</b>
<b>Noise db(A)</b>	<b>Indoor &lt;52</b>	
	<b>Outdoor&lt;60</b>	
<b>Air Circulation (M3/H)</b>	<b>1150</b>	
<b>Suitable Area (m<sup>2</sup>)</b>	<b>30~50</b>	
<b>EER (btu/h/w)</b>	<b>3.89</b>	
<b>Shipment Dimension (L*W*H, MM/kg)</b>	<b>Indoor</b>	<b>675*675*284 / 37</b>
	<b>Outdoor</b>	<b>1025*395*790 / 66</b>
	<b>Solar Collector</b>	<b>1040*380*390 / 20</b>
	<b>Panel Unit</b>	<b>1005*1005*100 / 21</b>
<b>Unit volume (M3)</b>	<b>0.75</b>	
<b>Load Capacity (20')</b>	<b>40</b>	
<b>Load Capacity (40')</b>	<b>80</b>	
<b>Load Capacity (40'HQ)</b>	<b>90</b>	

## Electricity Consume of Solar AC VS Normal AC

Hour	Electricity Consume of Normal AC	Electricity Consume of Solar AC	Electricity Saved
1 hour	3.5kw	1.2kw	2.3kw
10 hour	35kw	12kw	23kw
1 month (10 hours as a day)	1050kw	360kw	690kw
5 months (10 hours as 1day)	5250kw	1800kw	3450kw
2 year (5 months as 1 year)	10500kw	3900kw	6600kw
5 year (6 months as 1 year)	26250kw	9750kw	16500kw

# \* Solar Air Conditioner



Cassette Type>> Model: TKF(R)-120QW (41000BTU)



- World brand-name compressor, high reliability and long-lived running;
- Long-range and wide-angle powerful air supply, comfortable in every corner;
- Active LCD was shiny with colors and lights;
- Intelligent desiccant, plum-rain season and the air more pleasant;
- Multi-automatic protection function

<b>Model</b>	<b>TKF(R)-120QW</b>	
<b>Function</b>	<b>Cooling</b>	<b>Heating</b>
<b>Capacity(W)</b>	<b>12000</b>	<b>13000</b>
<b>Freon</b>	<b>R22 or R410A</b>	
<b>Power Supply</b>	<b>220V-240V/50Hz</b>	
<b>Auxiliary Electric Heating Power Consumption(W)</b>	<b>2900~3200</b>	<b>2900~3200+500</b>
<b>Rated Current(A)</b>	<b>7.63~8.42</b>	<b>7.63~8.42/9.73</b>
<b>Noise db(A)</b>	<b>Indoor &lt;55</b>	
	<b>Outdoor&lt;65</b>	
<b>Air Circulation (M3/H)</b>	<b>1700</b>	
<b>Suitable Area (m<sup>2</sup>)</b>	<b>70-100</b>	
<b>EER (btu/h/w)</b>	<b>3.75</b>	
<b>Shipment Dimension (L*W*H, MM/kg)</b>	<b>Indoor</b>	<b>855*855*325 / 57</b>
	<b>Outdoor</b>	<b>1105*435*1120 / 100</b>
	<b>Solar Collector</b>	<b>1180*380*470 / 24</b>
	<b>Panel Unit</b>	<b>1005*1005*100 / 21</b>
<b>Unit volume (M3)</b>	<b>1.1</b>	
<b>Load Capacity (20')</b>	<b>25</b>	
<b>Load Capacity (40')</b>	<b>50</b>	
<b>Load Capacity (40'HQ)</b>	<b>61</b>	

## Electricity Consume of Solar AC VS Normal AC

Hour	Electricity Consume of Normal AC	Electricity Consume of Solar AC	Electricity Saved
1 hour	5.5kw	3.0kw	2.5kw
10 hour	55kw	30kw	25kw
1 month (10 hours as a day)	1650kw	900kw	750kw
5 months (10 hours as 1day)	8250kw	4500kw	3750kw
2 year (5 months as 1 year)	16500kw	9000kw	7500kw
5 year (6 months as 1 year)	41250kw	22500kw	18750kw

# \* Solar Air Conditioner

Cassette Type>> Model: TKF(R)-140QW (48000BTU)



- World brand-name compressor, high reliability and long-lived running;
- Long-range and wide-angle powerful air supply, comfortable in every corner;
- Active LCD was shiny with colors and lights;
- Intelligent desiccant, plum-rain season and the air more pleasant;
- Multi-automatic protection function

<b>Model</b>	<b>TKF(R)-140QW</b>	
<b>Function</b>	<b>Cooling</b>	<b>Heating</b>
<b>Capacity(W)</b>	<b>14000</b>	<b>16000</b>
<b>Freon</b>	<b>R22 or R410A</b>	
<b>Power Supply</b>	<b>220V-240V/50Hz</b>	
<b>Auxiliary Electric Heating Power Consumption(W)</b>	<b>3450</b>	<b>3500</b>
<b>Rated Current(A)</b>	<b>16.3</b>	<b>16.4</b>
<b>Noise db(A)</b>	<b>Indoor &lt;55</b>	
	<b>Outdoor&lt;65</b>	
<b>Air Circulation (M3/H)</b>	<b>1900</b>	
<b>Suitable Area (m<sup>2</sup>)</b>	<b>65-85</b>	
<b>EER (btu/h/w)</b>	<b>4.06</b>	
<b>Shipment Dimension (L*W*H, MM/kg)</b>	<b>Indoor</b>	<b>855*855*325 / 57</b>
	<b>Outdoor</b>	<b>1055*420*1345 / 130</b>
	<b>Solar Collector</b>	<b>1180*380*470 / 24</b>
	<b>Panel Unit</b>	<b>1005*1005*100 / 21</b>
<b>Unit volume (M3)</b>	<b>1.1</b>	
<b>Load Capacity (20')</b>	<b>25</b>	
<b>Load Capacity (40')</b>	<b>50</b>	
<b>Load Capacity (40'HQ)</b>	<b>61</b>	

## Electricity Consume of Solar AC VS Normal AC

Hour	Electricity Consume of Normal AC	Electricity Consume of Solar AC	Electricity Saved
1 hour		3.4kw	
10 hour		34kw	
1 month (10 hours as a day)		1020kw	
5 months (10 hours as 1day)		5100kw	
2 year (5 months as 1 year)		10200kw	
5 year (6 months as 1 year)		25500kw	



# \* Solar Air Conditioner

Ceiling Type>> Model: TKF(R)-52DW (18000BTU)



- World brand-name compressor, high reliability and long-lived running;
- Long-range and wide-angle powerful air supply, comfortable in every corner;
- Active LCD was shiny with colors and lights;
- Intelligent desiccant, plum-rain season and the air more pleasant;
- Multi-automatic protection function

<b>Model</b>	<b>TKF(R)-52DW</b>	
<b>Function</b>	<b>Cooling</b>	<b>Heating</b>
<b>Capacity(W)</b>	<b>5200</b>	<b>5700</b>
<b>Freon</b>	<b>R22 or R410A</b>	
<b>Power Supply</b>	<b>220V-240V/50Hz</b>	
<b>Auxiliary Electric Heating Power Consumption(W)</b>	<b>1130~1360</b>	<b>1130~1860+500</b>
<b>Rated Current(A)</b>	<b>5.13~6.18</b>	<b>5.13~6.18/8.45</b>
<b>Noise db(A)</b>	<b>Indoor &lt;45</b>	
	<b>Outdoor&lt;55</b>	
<b>Air Circulation (M3/H)</b>	<b>1100</b>	
<b>Suitable Area (m<sup>2</sup>)</b>	<b>25~35</b>	
<b>EER (btu/h/w)</b>	<b>3.82</b>	
<b>Shipment Dimension (L*W*H, MM/kg)</b>	<b>Indoor</b>	<b>995*765*311 / 33</b>
	<b>Outdoor</b>	<b>990*390*650 / 56</b>
	<b>Solar Collector</b>	<b>970*380*350 / 18</b>
<b>Unit volume (M3)</b>	<b>0.62</b>	
<b>Load Capacity (20')</b>	<b>46</b>	
<b>Load Capacity (40')</b>	<b>92</b>	
<b>Load Capacity (40'HQ)</b>	<b>105</b>	

## Electricity Consume of Solar AC VS Normal AC

Hour	Electricity Consume of Normal AC	Electricity Consume of Solar AC	Electricity Saved
1 hour	2.1kw	1.2kw	0.9kw
10 hour	21kw	12kw	9.0kw
1 month (10 hours as a day)	630kw	360kw	270kw
5 months (10 hours as 1day)	3150kw	1800kw	1350kw
2 year (5 months as 1 year)	6300kw	3900kw	2400kw
5 year (6 months as 1 year)	15750kw	9750kw	6000kw

# \* Solar Air Conditioner

Ceiling Type>> Model: TKF(R)-70DW (24000BTU)



- World brand-name compressor, high reliability and long-lived running;
- Long-range and wide-angle powerful air supply, comfortable in every corner;
- Active LCD was shiny with colors and lights;
- Intelligent desiccant, plum-rain season and the air more pleasant;
- Multi-automatic protection function

<b>Model</b>	<b>TKF(R)-70DW</b>	
<b>Function</b>	<b>Cooling</b>	<b>Heating</b>
<b>Capacity(W)</b>	<b>7200</b>	<b>7900</b>
<b>Freon</b>	<b>R22 or R410A</b>	
<b>Power Supply</b>	<b>220V-240V/50Hz</b>	
<b>Auxiliary Electric Heating Power Consumption(W)</b>	<b>1130~1360</b>	<b>1130~1860+500</b>
<b>Rated Current(A)</b>	<b>8.4</b>	<b>8.6</b>
<b>Noise db(A)</b>	<b>Indoor &lt;50</b>	
	<b>Outdoor&lt;58</b>	
<b>Air Circulation (M3/H)</b>	<b>1100</b>	
<b>Suitable Area (m<sup>2</sup>)</b>	<b>30~50</b>	
<b>EER (btu/h/w)</b>	<b>3.89</b>	
<b>Shipment Dimension (L*W*H, MM/kg)</b>	<b>Indoor</b>	<b>1375*765*311 / 43</b>
	<b>Outdoor</b>	<b>940*365*745 / 66</b>
	<b>Solar Collector</b>	<b>1040*380*390 / 20</b>
<b>Unit volume (M3)</b>	<b>0.78</b>	
<b>Load Capacity (20')</b>	<b>38</b>	
<b>Load Capacity (40')</b>	<b>76</b>	
<b>Load Capacity (40'HQ)</b>	<b>86</b>	

## Electricity Consume of Solar AC VS Normal AC

Hour	Electricity Consume of Normal AC	Electricity Consume of Solar AC	Electricity Saved
1 hour	3.5kw	1.2kw	2.3kw
10 hour	35kw	12kw	23kw
1 month (10 hours as a day)	1050kw	360kw	690kw
5 months (10 hours as 1day)	5250kw	1800kw	3450kw
2 year (5 months as 1 year)	10500kw	3900kw	6600kw
5 year (6 months as 1 year)	26250kw	9750kw	16500kw

# \* Solar Air Conditioner

Cassette Type>> Model: TKF(R)-120DW (41000BTU)



- World brand-name compressor, high reliability and long-lived running;
- Long-range and wide-angle powerful air supply, comfortable in every corner;
- Active LCD was shiny with colors and lights;
- Intelligent desiccant, plum-rain season and the air more pleasant;
- Multi-automatic protection function

<b>Model</b>	<b>TKF(R)-120DW</b>	
<b>Function</b>	<b>Cooling</b>	<b>Heating</b>
<b>Capacity(W)</b>	<b>12000</b>	<b>13000</b>
<b>Freon</b>	<b>R22 or R410A</b>	
<b>Power Supply</b>	<b>220V-240V/50Hz</b>	
<b>Auxiliary Electric Heating Power Consumption(W)</b>	<b>2900~3200</b>	<b>2900~3200+500</b>
<b>Rated Current(A)</b>	<b>7.63~8.42</b>	<b>7.63~8.42/9.73</b>
<b>Noise db(A)</b>	<b>Indoor &lt;55</b>	
	<b>Outdoor&lt;65</b>	
<b>Air Circulation (M3/H)</b>	<b>1700</b>	
<b>Suitable Area (m<sup>2</sup>)</b>	<b>70-100</b>	
<b>EER (btu/h/w)</b>	<b>3.75</b>	
<b>Shipment Dimension (L*W*H, MM/kg)</b>	<b>Indoor</b>	<b>1375*765*311 / 53</b>
	<b>Outdoor</b>	<b>1105*435*1120 / 100</b>
	<b>Solar Collector</b>	<b>1180*380*470 / 24</b>
<b>Unit volume (M3)</b>	<b>1.17</b>	
<b>Load Capacity (20')</b>	<b>25</b>	
<b>Load Capacity (40')</b>	<b>50</b>	
<b>Load Capacity (40'HQ)</b>	<b>58</b>	

## Electricity Consume of Solar AC VS Normal AC

Hour	Electricity Consume of Normal AC	Electricity Consume of Solar AC	Electricity Saved
1 hour	5.5kw	3.0kw	2.5kw
10 hour	55kw	30kw	25kw
1 month (10 hours as a day)	1650kw	900kw	750kw
5 months (10 hours as 1day)	8250kw	4500kw	3750kw
2 year (5 months as 1 year)	16500kw	9000kw	7500kw
5 year (6 months as 1 year)	41250kw	22500kw	18750kw

# \* Solar Air Conditioner

Ceiling Type>> Model: TKF(R)-140QW (48000BTU)



- World brand-name compressor, high reliability and long-lived running;
- Long-range and wide-angle powerful air supply, comfortable in every corner;
- Active LCD was shiny with colors and lights;
- Intelligent desiccant, plum-rain season and the air more pleasant;
- Multi-automatic protection function

<b>Model</b>	<b>TKF(R)-140QW</b>	
<b>Function</b>	<b>Cooling</b>	<b>Heating</b>
<b>Capacity(W)</b>	<b>14000</b>	<b>16000</b>
<b>Freon</b>	<b>R22 or F</b>	
<b>Power Supply</b>	<b>220V-240'</b>	
<b>Auxiliary Electric Heating Power Consumption(W)</b>	<b>3450</b>	<b>3</b>
<b>Rated Current(A)</b>	<b>16.3</b>	<b>16.4</b>
<b>Noise db(A)</b>	<b>Indoor &lt;55</b>	
	<b>Outdoor&lt;65</b>	
<b>Air Circulation (M3/H)</b>	<b>1900</b>	
<b>Suitable Area (m<sup>2</sup>)</b>	<b>65-85</b>	
<b>EER (btu/h/w)</b>	<b>4.06</b>	
<b>Shipment Dimension (L*W*H, MM/kg)</b>	<b>Indoor</b>	<b>855*855*325 / 57</b>
	<b>Outdoor</b>	<b>1055*420*1345 / 130</b>
	<b>Solar Collector</b>	<b>1180*380*470 / 24</b>
	<b>Panel Unit</b>	<b>1005*1005*100 / 21</b>
<b>Unit volume (M3)</b>	<b>1.1</b>	
<b>Load Capacity (20')</b>	<b>25</b>	
<b>Load Capacity (40')</b>	<b>50</b>	
<b>Load Capacity (40'HQ)</b>	<b>61</b>	

## Electricity Consume of Solar AC VS Norn

<b>Hour</b>	<b>Electricity Consume of Normal AC</b>	<b>Electricity Consume of Solar AC</b>
<b>1 hour</b>		<b>3.4kw</b>
<b>10 hour</b>		<b>34kw</b>
<b>1 month (10 hours as a day)</b>		<b>1020kw</b>
<b>5 months (10 hours as 1day)</b>		<b>5100kw</b>
<b>2 year (5 months as 1 year)</b>		<b>10200kw</b>
<b>5 year (6 months as 1 year)</b>		<b>25500kw</b>