



HWSS018 **SUPER HYBRID INVERTER** High Wall Split Heat Pump **INSTALLATION MANUAL**

- Read this Manual before the operation and keep it for reference.
 Read all safety precautions on the manual, improper use can cause serious injury.

OTECO Is a product of OMEGAO Environmental Technologies LLC.

CONTENTS

X

Note:

is necessary.

Operation and maintenance ■ Names and functions of each part 5 ■ Operation of wireless remote control 6 Installation service ■ Install PV-module This symbol stands for the items This symbol stands for the items should be forbidden. The products in this manual may be different with the real one, according to different models, some models have displayer and some models without displayer, the position and shape of the displayer please refer to the real one. This appliance is not intended for use by persons (including children) with reduced physiced, sensory or mental capabilities or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person reponsible for their safety.

Children should be supervised to ensure that they do not play with the appliance.

The actual product is the standard.

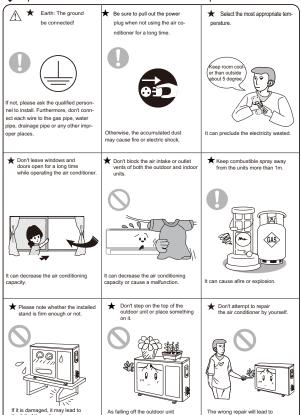
Do not dispose this product as unsorted municipal waste.

Collection of such waste separately for special treatment

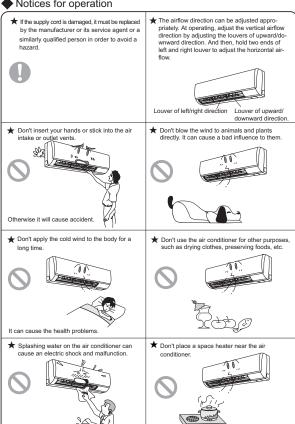
All the pictures in this manual are just schematic diagrams.

HWSS018J2A-RWI053

Operation and maintenance-notices for operation



Notices for operation



- 2 -

Or CO toxico: burning.

or imcomplete

Notices for use

Working principle and special functions for cooling

Principle:

Air conditioner absorbs heat in the room and transmit to outdoor and discharged, so that indoor ambient temperature decreased, its cooling capacity will increase or decrease by outdoor ambient temperature.

Anti-freezing function:

If the unit is running in COOL mode and in low temperature, there will be frost formed on the heat exchanger, when indoor heat exchanger temperature decreased below $0\,^\circ\!\mathrm{C}$, the indoor unit microcomputer will stop compressor running and protect the unit.

Working principle and special functions for heating

Principle:

- * Air conditioner absorbs heat from outdoor and transmits to indoor, in this way to increase room temperature. This is the heat pump heating principle, its heating capacity will be reduced due to outdoor temperature decrease.

The Surplus Heat Blowing function:

when unit stop running, after the heating temperature arrived, indoor unit runs at setting fan speed for 60s.

Anti-cool wind function:

In "Heat" mode, under the following three kinds of state, if indoor heat exchanger doesn't arrive at certain temp., indoor fan will not act, in order to prevent cool wind blowing(within 2 mins):

1. Heating starts. 2.After Auto Defrost finished. 3.Heating under the low temperature

Introduction of DC solar power management

The out-door unit can handle DC solar power input besides AC power input. If the solar power device (poly-crystalline solar panel for instance) were connected to out-door unit, the unit would preferentially consume the solar power. And the AC power would be synchronously consumed as complement. The rated voltage of DC solar power should be less than 165V and the rated current should be less than 9A.

-3-

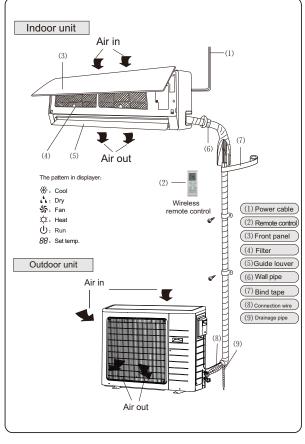
Notices for use

* Working temperature range		
	Indoor sideDB/WB(°C)	Outdoor sideDB/WB(°C)
Maximum cooling	32/23	43/26
Minimum cooling	21/15	21/-
Maximum heating	27/—	24/18
Minimum heating	20/—	-7/-8

for cooling and heating unit is -7 $^{\circ}\text{C} \sim 43\,^{\circ}\text{C}$.

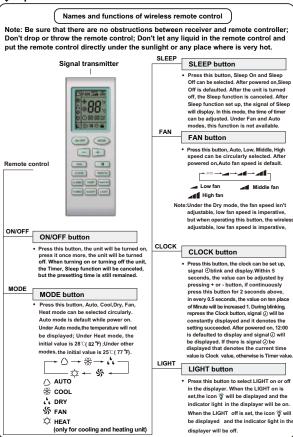
- All the electrical work must be done by qualified personnel according to relative wiring regulation and this manual.
- The power supply is type Y connection. If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
- The rated voltage and the exclusive circuit must be used.
- · Leakage circuit-breaker and air switch of correct capacity must be installed.the air switch of 32A should be used in these models.
- The plug must be accessible after the appliances have been positioned.
- · A air switch having a contact separation of at least 3mm in all poles should be fixed in fixed

Names and functions of each part



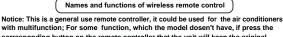
-4 --5-











corresponding button on the remote controller that the unit will keep the original



SWING UP AND DOWN BUTTON Press this button, to set up swing angle

which circularly changes as below:

OFF + 2 + 3 + 3 + 1 + 1

This is an universal use remote controller. It remote controller sends the following three kinds of status that the swing status of main unit will be:

which indicates the guide louver swings up and down between that all five positions.

TIMER ON BUTTON

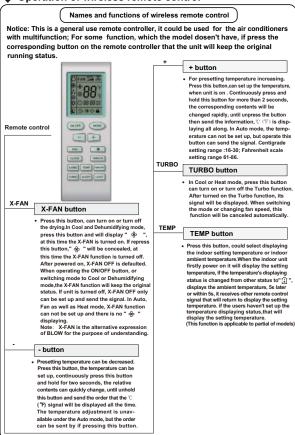
Inner on settings; signar 'ON' will blink and display, signal @ will conceal, the numerical section will become the timer on setting status. During 5 seconds blink, by pressing + or – button to adjust the time value of numerical section, every press of that button, the value will be increased or decreased 1 minute. Hold pressing + or – button, 2 seconds later, it quickly change its: During the initial 2.5 seconds, ten numbers change in the one place of minute, then the one place is constant, ten numbers change in the tens place of minute at 2.5 seconds seed and carry. During 5 blink, press the Timer button, the timer setting succeeds. The Timer On has been set up. succeeds. The Timer On has been set up, repress the timer On button, the Timer On will be canceled. Before setting the Timer, please adjust the Clock to the current actual time.

TIMER OF

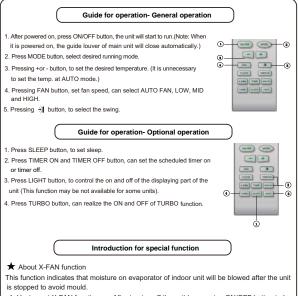
TIMER OFF BUTTON

Once press this key to enter into TIMER OFF setup, in which case the TIMER OFF icon will blink. The method of setting is the same as for TIMER ON.

Operation of wireless remote control



Operation of wireless remote control



- 1. Having set X-FAN function on: After turning off the unit by pressing ON/OFF button indoo fan will continue running for about 10 min. at low speed. In this period, press X-FAN button to stop indoor fan directly 2. Having set X-FAN function off: After turning off the unit by pressing ON/OFF button, the
- complete unit will be off directly.

★ About AUTO RUN

When AUTO RUN mode is selected, the setting temperature will not be displayed on the LCD, the unit will be in accordance with the room temp. automatically to select the suitable running method and to make ambient comfortable.

★ About turbo function

If start this function, the unit will run at super-high fan speed to cool or heat quickly so that the ambient temp. approachs the preset temp. as soon as possible.

Operation of wireless remote control

+and - buttons simultaneously to lock or unlock the keyboard. If the remote controller is locked, the icon a will be displayed on it, in which case, press any button, the mark will flicker for three times. If the keyboard is unlocked, the mark will disappear

About swing up and down

- 1. Press swing up and down button continuously more than 2s,the main unit will swing back and forth from up to down, and then loosen the button, the unit will stop swinging and present position of guide louver will be kept immediately.
- 2. Under swing up and down mode, when the status is switched from off to 🗐, if press this button again 2s later, status will switch to off status directly; if press this button again within 2s, the change of swing status will also depend on the circulation sequence stated above.

★ About switch between Fahrenheit and Centigrade

Under status of unit off, press MODE and - buttons simultaneously to switch "C" and "F".

Changing batteries and notices

- 1. Slightly to press the place with 🗷 , along the arrowhead direction to push the back cover of wireless remote control. (As show in figure)
- 2. Take out the old batteries. (As show in figure)
- 3. Insert two new AAA1.5V dry batteries, and pay attention to the polarity. (As show in figure)
- 4. Attach the back cover of wireless remote control. (As show in figure)

★ NOTE:

- When changing the batteries, do not use the old or different batteries, otherwise, it can cause the malfunction of the wireless remote control.
- If the wireless remote control will not be used for a long time, please take them out, and don't let the leakage liquid damage the wireless remote control.
- The operation should be in its receiving range
- It should be placed at where is 1m away from the TV set or stereo sound sets
- If the wireless remote control can not operate normally, please take them out, after 30s later and reinsert, if they cannot normally run, please change them.



Emergency operation

Displayer indicator light control of indoor unit

It's a special selective button for the users ,who are not accustomed to the light at sleeping.

- Get the displayer indicator light on: When setting the light function,the mark 🍟 will display on the remote controller screen by pressing this button. In which case, the dissplayer indicator light will be on if the AC receives this signal.
- Get the displayer indicator light off: If cancel the light function, the mark ♥will disapper on the remote controller screen by pressing this button. In which case, the displayer indicator light will be off if the AC receives this signal.

Emergency operation

If the wireless remote control is lost or broken, please use the manual switch button. At this time, the unit will run at the Auto mode, but the temperature and fan speed cannot be changed. The operation was shown as below:



To open the panel, the manual switch is on the displayer box.

- Turn on the unit: At unit turned off, press the button, the unit will run at Auto mode immediately. The microcomputer will accord to the indoor temperature to select (Cooling. Heating, Fan) and obtain the comfortable effect.
- Turn off the unit: At unit turned on, press the button, the unit will stop working.

Fia.3

- 10 -

Clean and care

Caution

- Turn power off and pull out the power plug before cleaning air conditioner, or it may cause electric shock
- Never sprinkle water on the indoor unit and the outdoor unit for cleaning because it can cause an
 electric shock.
- Volatile liquid (e.g. thinner or gasoline) will damage the air conditioner. (So wipe the units with a
 dry soft cloth, or a cloth slightly moistened with water or cleanser.)

Clean the front panel

When cleaning the front panel, please dip the cloth into the water temperature of 45°C below, then to dry

the cloth and wipe the dirty part. Note: Please do not to immerse erse the front panel in water, due to there are microcomputer components and circuit diagrams on the front panel

Clean the air filter (Recommended once every three months)

NOTE: If dust is much more around the air conditioner, the air filters should be cleaned many times. After taking off the filter, don't touch the fin of indoor unit, in order to avoid hurt your fingers.

-12-

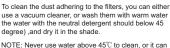
1 Take down the air filter



At the slot of surface panel to open an angle, pull the air filter downward and take it out, please see the Fig. 4(a, b).



② Clean the air filter



cause deformation or discoloration. Never parch it by fire, or can cause a fire or deformation.



(3) Insert the air filter Reinsert the filters along the direction of arrowhead, and then to cover the cover and clasp it



Clean and care

Check before use

-11-

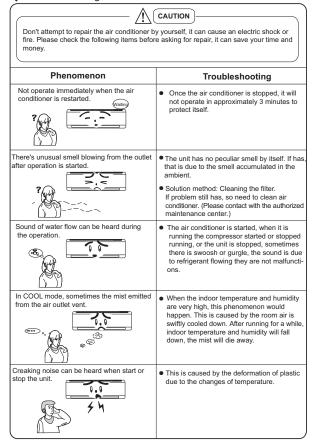
- $\ensuremath{\boxdot}$ Be sure that nothing obstructs the air outlet and intake vents.
- ② Check that whether ground wire is properly connected or not.
- $\ensuremath{\ensuremath}\amb}\amb}\amb}}}}}}}}}}}}}}$ changed or not.
- (4) Check that whether the installation stand of the outdoor unit is damaged or not. If damaged, please contact the dealer



Maintain after use

- (1) Turn main power off.
- ② Clean the filter and indoor and outdoor units' bodies.
- (3) Clear dust and obstructions from the outdoor unit
- Repaint the rubiginous place on the outdoor unit to prevent it from spreading.
- (5) Adopt the special shield to cover the outdoor unit, avoid the rain water, dust enter into

Troubleshooting



-14-

Troubleshooting

Phenomenon	Troubleshooting
Indoor unit cannot deliver air.	In HEAT mode, when the temperature of indoor heat exchanger is very low, that will stop deliver air in order to prevent cool air. (Within 2min)
	In HEAT mode, when the outdoor temperature is low or high humidity, there are much frost be formed on the outdoor heat exchanger, that the unit will automatically defrost, indoor unit stop blowing air for 3-12min. During the defrosting, there is water flowing out or vapor be produced. In dehumidifying mode, sometimes indoor fan will stop, in order to avoid condensing water be vaporized again, restrain temperature rising.
Moisture on air outlet vent.	If unit is running under the high humidity for a long time, the moisture will be condensed on the air outlet grill and drip off.



Immediately stop all operations and plug out, contact the dealer in following situations.

There is harsh sound during operation. The terrible odors emitted during operation.

Water is leaking in the room

Air switch or protection switch often breaks. Carelessy splash water or something into unit. There is an abnormal heat in power supply cord and power plug.

Stop running and pull out of the plug.

Troublechectine

◆ Troubleshooting	
Phenomenon	Troubleshooting
The unit can not run.	Has the power been shut down? Is power plug loosed? Is the circuit protection device tripped off or not? Is voltage higher or lower? (Tested by professionals) Is the TIMER correctly used?
Cooling(Heating) efficiency is not good.	Is Temp. setting suitable? Were inlet and outlet vents obstructed? Is filter dirty? Are the windows and doors clothed? Did Fan speed set at low speed? Is there any heat sources in the room?
Wireless remote control is not available.	The unit is interfered by abnormal or frequent functions switchover occasionally the controller cannot operate. At this time, you need to pull out of the plug, and reinsert it. Is it in its receiving range? Or obstructed? To check the voltage in wireless remote control insid is charged, otherwise to replace the batteries. Whether the wireless remote control is damaged.
If water leakage in the room.	The air humidity is on the high side. Condensing water over flowed. The connection position of indoor unit drainage pipe is loosed.
If water leakage in outdoor unit.	When the unit is running in COOL mode, the pipe and connection of pipe would be condensed due to the water cooled down. When the unit is running in Auto Defrosting mode the ice thaved and flowed out. When the unit is running in HEAT mode, the wate adhered on heat exchanger dripped off.
Noise from indoor unit emitted.	The sound of fan or compressor relay is switching on or off. When the defrosting is started or stop running, it will sound. That is due to the refrigerant flowed to the reverse direction.

Notices for installation

V Important Notices

-15-

- The unit installation work must be done by qualified personnel according to the local rules and this manual.
 Before installating, please contact with local authorized maintenance center, if unit is
- not installed by the authorized maintenance center, the malfunction may not solved, due to discommodious contacts.
- 3. When removing the unit to the other place, please firstly contact with the authorized Maintenance Center in the local area.

Basic Requirements For Installation Position

Install in the following place may cause malfunction. If it is unavoidable contact with service center please

- Place where strong heat sources, vapors, flammable gas or volatile object are emitted.
 Place where high-frequency waves are generated by radio equipment, welders and medical equipment.
- Place where a lot of salinities such as coast exists
- Place where the oil (machine oil) is contained in the air.
- Place where a sulfured gas such as the hot spring zones is generated.
- Other place with special circumstance.

Indoor Unit Installation Position Selection

- 1. The air inlet and outlet vent should be far from the obstruction, make sure that the air

- 1. The air inlet and outlet vent should be far from the obstruction, make sure that the air can be blown through the whole room.
 2. Select a position where the condensing water can be easily drained out, and the place is easily connected for outdoor unit.
 3. Select a location where the children can not reach.
 4. Can select the place where is strong enough to withstand the full weight and vibration of the unit. And will not increase the noise.
 5. Be sure to leave enough space to allow access for routine maintenance. The height of the installed location should be 250cm or more from the floor.
 6. Select a place about 1m or more away from Tvset or any other electric appliances.
 7. Select a place where the filter can be easily taken out.
 8. Make sure that the indoor unit installation should accord with installation dimension diagram requirements.
 9. Do not use the unit in the immediate surroundings of a laundry a bath a shower or a

- 9. Do not use the unit in the immediate surroundings of a laundry a bath a shower or a swimming pool

Outdoor Unit Installation Position Selection

- 1. Select a location from which noise and outflow air emitted by unit will not inconvenience neighbors, animals, plants.
- 2. Select a location where there should be sufficient ventilation.
- 3. Select a location where there should be no obstructions cover the inlet and outlet vent.

 4. The location should be able to withstand the full weight and vibration of the outdoor unit
- and permit safe installation.
- Select a dry place, but do not expose under the direct sunlight or strong wind.
 Make sure that the outdoor unit installation dimension should accord with installation dimension diagram, convenient for maintenance, repair.
- 7. The height difference of connecting the tubing within 5m, the length of connecting the
- Select a place where will not block the passage and do not influence the city appearance.

Notices for installation

Safety Requirements For Electric Appliances

- The power supply should be used the rated voltage and AC exclusive circuit, the power cable diameter should be satisfied.
- 2. Don't drag the power cable emphatically.
- It should be reliably earthed, and it should be connected to the special earth device. the installation work should be operated by the professional.
- The air switch must have the functions of magnetic tripping and heat tripping, in order to protect the short circuit and overloading.
- 4. The min. distance from the unit and combustive surface is 1.5m.
- 5. The appliance shall be installed in accordance with national wiring regulations.
- 6. An all-pole disconnection switch having a contact separation of at least 3mm in all poles should be connected in fixed wiring.
- 7. Poly-crystalline solar panel is strongly recommended as solar power device. The rated voltage of DC solar power should be less than 165V and the rated current should be less than 10A. Take the poly-crystalline solar panel of 200W (open-circuit voltage:33V, short-circuit current:8.12A)for instance, the maximum number in one series of of panels is 5, and the connention method should be series connection.

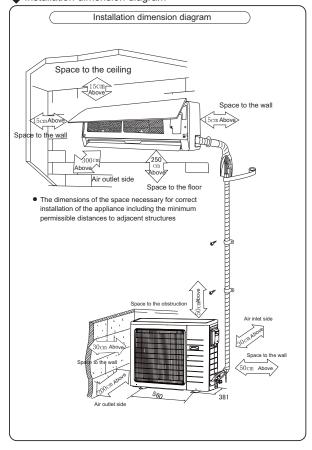
- $^{\mbox{$^{\circ}$}}$ Make sure that the Live wire or Zero line as well as the earth wire in the family power socket can not be wrong connected, there should be reliable and no short circuit in the
- * wrong connection may cause fire.

Earthing requirements

- 1. Air conditioner is type I electric appliance, thus please do conduct reliable earthing
- 2. The yellow-green two-color wire in air conditioner is earthing wire and cannot be used for other propose. It cannot be cut off and be fix it by screw, otherwise it would cause electric shock.
- 3. The earth resistance should accord to the National Criterion.
- 4. The user power must offer the reliable earthing terminal. Please don't connect the earthing wire with the following place:
- 1 Tap water pipe. 2 Gas pipe. (3) Contamination pipe.
- 4 Other places that professional personnel consider them unreliable
- 5. The model and rating values for fuses according the silk print on fuse cover or related PCB board.

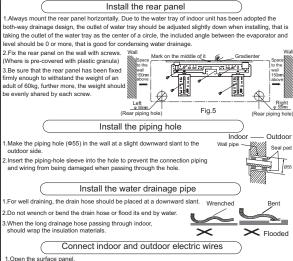
-18-

Installation dimension diagram



_ 19 _

Install indoor unit



- 2.Remove the wiring cover Fig.6
- 3.Route the power connection cord and signal control wire (for cooling and heating unit only) from the back of the indoor unit and pull it toward the front through the wiring hole for connection.
- 4. Connect the interconnection cord to the terminal block, and then fix the cord with cord anchorge
- 5.Reassemble the clampand wiring cover.
- 6.Recover the surface panel

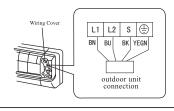


Fig.6

Install indoor unit

When connecting the electric wire if the wire length is not enough, please contact with the authorized service shop to buy a exclusive electric wire that is long enough and the joint on the wire are not allowed.

- The electric wiring must be correctly connected, wrong connection may cause spare parts malfunction.
- Tighten the terminal screw in order to prevent loose.
- After tighten the screw, slight pull the wire and confirm whether is it firm or not.
- If the earth wire is wrong connection, that may cause electric shock.
- The cover plate must be fixed, and tighten the connection wire, if it is poor installed, that the dust, moisture may enter in or the connection terminal will be affected by outside force, and will cause fire or electric shock.

Install the indoor unit

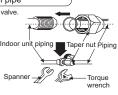
- The piping can be lead out from right, right rear, left left rear.
- When routing the piping and wiring from the left or right side of indoor unit, cut off the tailings from the chassis in necessary(Show in Fig.7)
 (1) Cut off the tailings 1 when routing the wiring only;
- (2)Cut off the tailings 1 and tailings 2 when routing
- electric wire, water pipe with tape and pull them through the piping hole (As show in Fig.8)
- 3. Hange the mounting slots of the indoor unit on the upper tabs of the rear panel and check if it is firm nough.(As show in Fig.9)
- The height of the installed location should be 2.5m or more from the floor.



Install the connection pipe

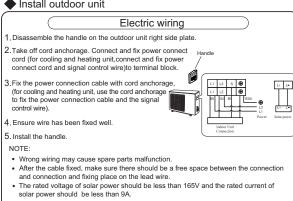
- 1. Align the center of the piping flare with the relevant valve
- Screw in the flare nut by hand and then tighten the nut with spanner and torque wrench refer to the following:

Hex nut diameter	Tightening torque (N • m)
Ф6	15~20
Φ 9. 52	$31 \sim 35$
Ф 12	$50 \sim 55$
Ф 16	60~65
Ф 19	70~75



NOTE: Firstly connect the connection pipe to indoor unit, then to outdoor unit; pay attention to the piping bending, do not damage the connection pipe; the joint nut couldn't tighten too much, otherwise it may cause leakage

Install outdoor unit



Install outdoor unit

Air purging and leakage test

- 1. Connect charging hose of manifold valve to charge end of low pressure
- valve (both high/low pressure valves must be tightly shut).

 2. Connect joint of charging hose to vacuum pump.
- 3. Fully open handle handle of Lo manifold valve.
- 4. Open the vacuum pump to evacuate. At the beginning, slightly loosen joint nut of low pressure valve to check if there is air coming inside. (If noise of vacuum pump has been changed, the reading of multimeter is 0) Then tighten the nut.
- 5. Keep evacuating for more than 15mins and make sure the reading of multi-meter is -1.0×10^5 pa (-76cmHg).
- 6. Fully open high/low pressure valves.
- Remove charging hose from charging end of low pressure valve.
- 8. Tighten bonnet of low-pressure valve. (As shown in Fig.10)

Condensate drainage of outdoor unit (no for cooling only)

The condensate and defrosting water formd during heating in the outdoor unit can be properly discharged by drainage

Installation method:set the drain connection in Ø 25 hole of the chassis has been installed and then connect drainage pipe with drain nozzle, so that condensate and defrosting waer can be properly discharged



Fig.10

-23--22-

◆ Install PV-Module

PV-Module Characteristics **Electrical Characteristics** Open - Circuit Voltage (Voc) 33.4V 26.2V Short - Circuit Current (Isc) Optimum Operating Current (Imp) 8.12A 7.63A Maximum Power at STC (Pmax) 200Wp Operating Temperature 40°C to +85°C Maximum System Voltage 600V DC Maximum Series Fuse Rating 20AMPS Power Tolerance ±3 % Mechanical Characteristics Solar Cell No. of Cells Poly-crystalline 156×156mm (6inch) 54 (6×9) 1482×992×35mm (58.3×39.1×1.4inch) Weight 16.8kg (37.0lbs.) 3.2 mm (0.13inch) tempered glass Front Glass Frame Anodized aluminium alloy Junction Box IP65 rated LAPP (4.0mm2), asymmetrical lengths (-) 1200mm(47.2inch) and (+) 800mm (31.5inch), MC Plug Type IV connectors STC: Irradiance 1000W/m2. Module temperature 25°C. AM=1.5 Current-Voltage & Power-Voltage Curve

◆ Install PV-Module

Mechanical Installation

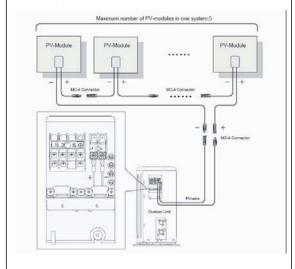
- 1. Mechanical Installation of PV-modules should be operated by professional solar photovoltaic in guides or reputable solar installer or systems integrator.

 2. Omega do not provide any mechanical installation guide of PV-modules, as a result, Omega will not
- provide any instructor or after service for the problems of mechanical installation of PV-modules.

Electrical Installation

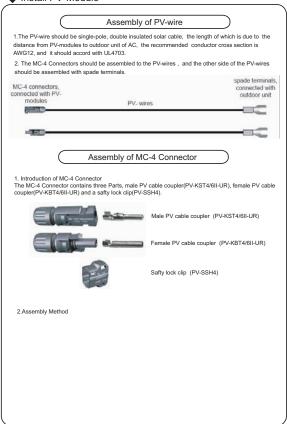
- 1. General Installation
- · Any hardware used must be compatible with the mounting structure material to avoid galvanic corrosio
- It is not recommended to use modules with different configurations in the same system.
 Several modules should be connected in series to form a string of modules if needed. The maximum
- Neveral induces should be connected in series to form a saling of induces in feeded, the maximum number of series connected modules is 5.
 MC-4 connector is the recommended connector and the recommended system wires size is AWG12.
 Installation Sketch





-25-

◆ Install PV-Module



▲ Install PV-Module

	Introduction	Photo	Recommended too
Step1	Strip cable insulation. L = 6-7,5 mm. Take care not to cui individual strands.		Stripping pliers:PV-AZM-1.5/6 Interchangeable blade: PV-M-AZM-156
Step2	Open and hold clamping clip ((K).Insert contact in the appropriate cross-section range of the crimping tool. Turn contact till crimping tabs face the top. Release clamping clip (K). The contact is secured.		Crimping pliers: PV-CZM-19100 Insert: PV-ES-CZM-19100 Locator: PV-LOC
Step3			

-27-

-26-

◆ Install PV-Module



-28-

◆ Install PV-Module

Compress the two snapin springs (X) by	- 600	
hand or with the PV-MS tool and separate the coupling.		
Plugging: Mount the plug connection until it engages. Check correct engagement by pulling on the coupling. Unplugging:	PVSSM	PV-SSH4
The plug connection can only be unlocked with the tool PV-MS.		

-29-

Check after installation and test operation

Check after installation

Items to be checked	Possible malfunction
Has it been fixed firmly?	The unit may drop, shake or emit noise.
Have you done the refrigerant leakage test?	It may cause insufficient cooling(heating) capacity.
Is heat insulation sufficient?	It may cause condensation and dripping.
Is water drainage well?	It may cause condensation and dripping.
Is the voltage in accordance with the	It may cause electric malfunction or damage the
rated voltage marked on the nameplate?	part.
Is the electric wiring and piping	It may cause electric malfunction or damage the
connection installed correctly and securely?	part.
Has the unit been connected to a secure earth connection?	It may cause electrical leakage.
Is the power cord specified?	It may cause electric malfunction or damage the part.
Is the inlet and outlet been covered?	It may cause insufficient cooling(heating) capacity.
Has the length of connection pipes and refrigerant capacity been recorded?	The refrigerant capacity is not accurate.
Is the PV-wire installed correctly and	It may cause PV-modules not work or damage the
securely?	PV-modules.
Is the MC-4 connectors plugged correctly	It may cause PV-modules not work.
and securely?	
Test the voltage of L+ and L- to ensure	It may cause PV-modules not work.
the PV-modules is connected to AC	
correctly.	

Test Operation

- 1. Before test operation
- $\left(1\right)$ Do not switch on power before installation is finished completely.
- (2) Electric wiring must be connected correctly and securely.
- $(3) \, {\rm Cut}\hbox{-}{\rm off} \, {\rm valves} \, {\rm of} \, {\rm the} \, {\rm connection} \, {\rm pipes} \, {\rm should} \, {\rm be} \, {\rm opened}.$
- $\left(4\right)$ All the impurities such as scraps and thrums must be cleared from the unit.
- $2. \ {\sf Test \ operation \ method}$
 - (1) Switch on power, press "ON/OFF" button on the wireless remote control to start the operation.
 - (2) Press MODE button, to select the COOL, HEAT (Cooling only unit is not available), FAN to check whether the operation is normal or not.

-30-



OMEGA Super Hybrid High Wall Split Heat Pump





17702 Mitchell North, #101 Irvine, CA. 92614 .USA Tel: 714 795 2830 Fax: 714 966 1646 info@omegainverter.com www.omegainverter.com



Showroom & Technology Center 11380 Interchange Circle North Miramar,FL 33025 .USA Tel: 305 901 1270 Fax: 954 212 8280 info@otecus.com

HWSSJ2A-IM1V0715

Installation and Maintenance of Healthy Filter

Installation Instructions

 Forcibly pull the panel for a specific angle from the two ends of the front panel according to the arrow direction. Then pull the air filter downwards to remove it. (See Fig.a)



Mount the healthy filter onto the air filter,(as shown in Fig.b). If the air filter cannot be installed, please mount the healthy filter on the front case. (as shown in Fig.c)



3. Mount the air filter properly along the arrow direction in Fig.d, and then close the panel cover.



Cleaning and Maintenance

Take out the healthy filter before cleaning and reinstall it after cleaning according to the installation instruction. Pay special attention to that silver ion filter can't be cleaned with water, while active carbon, photocatalyst, low temperature conversion (LTC) catalyst, formaldehyde eliminator, catechin or mite killing filter can, but can't with brush or hard things. Dry it in the shade or sun after cleaning, but not by wiping.

Service Life

The healthy filter commonly has its usage lifetime for one year under normal condition. As for silver ion filter, it is invalid when its surface becomes black (green).

• This supplementary instruction is provided for reference to the unit with healthy filter. If the graphics provided herein is different from the physical goods, the latter one shall prevail. The quantity of healthy filters shall be based on the actual delivery.

-31-