



### Welcome to the Whirlpool family!

Dear Homemaker.

Congratulations on bringing home the new Whirlpool Air conditioner. We would like to welcome you to the global fraternity of Whirlpool homemakers who believe in giving their families nothing but the best.

You would be proud to know that Whirlpool is the largest home appliance company in the world and that a Whirlpool appliance finds a new home in some part of the world, every two seconds. This has been possible because homemakers like you choose Whirlpool and reinforce our belief in Innovation, Operational and Customer Excellence. Our Air conditioner are elegantly styled and convenient to use. They promise you premium quality and fill your life with the magic of Whirlpool. To get the best out of your Air conditioner, use this simple and easy to understand guide and follow the instructions. We would love to assist you with your queries and suggestions at the Whirlpool Home Care Centre number mentioned in this user guide or at www.whirlpoolindia.com.

We wish you years of joyful homemaking with your Whirlpool Air conditioner and look forward to having a great relationship with you.

Yours Sincerely

Kapil Agarwal

Head- Marketing

## **Split Type Room Air Conditioner-R22**

## **Use and Care Manual**

Under Preparation before use	1
Safety Precautions	2
Identification of parts	3
Display introduction	4
Remote controller	5
RC batteries loading	6
Operating Instructions for RC	7
Airflow Direction Control	8
6th Sense Mode	9
Timer Mode	10
Sleep Mode	11
Turbo Mode	11
Functions available in different modes	12
Maintenance	13
Protection	14
Troubleshooting	15
Troubleshooting chart	16
Installation instructions	17
Installation instruction for IDU	18
Installation instruction for piping connection	20
Cable connection Instruction	21
Wiring diagram	22
Installation instruction for ODU	23
How to purge	24
Warranty terms	25~27
Service coupons	28
Installation/demo sheet - customer copy	29~30
Installation/demo sheet - company copy	31~32

### Whirlpool Service

Thank you very much for purchasing a Whirlpool Air-Conditioner, please read this Use Care Manual carefully before installing and using this appliance and keep this manual for future references.

Imported By: Whirlpool of India Limited,

A-4,MIDC,Ranjangaon,Taluka Shirur,Distt Pune,Maharashtra state, India, PIN-419204 Whirlpool is a registered trademark of the Whirlpool Corporation, USA - Use under license

## **Under Preparation before use**

Before using the air conditioner, be sure to check and preset as the following.

#### Remote Controller (RC)

The remote controller can cover all the functions of cooling models. Heating mode is not applicable for cooling models.

#### **Auto-Restart Function**

If you want to use auto-restart, switch on the power supply button, press the ON/OFF button on the Indoor, Unit, hold for over 5seconds. Auto Restart is now set with buzz sound.

If the auto restart has been set, hold down the ON/OFF button on the indoor unit for over 5 Seconds, auto restart function is now cancelled with a buzz sound, air conditioner is now on standby.

#### Auto Turbo Mode

### Turbo mode is used to start or stop fast cooling.

Fast cooling, changes the temperature to high fan speed, and operates automatically till temperature reduces to 18 degrees Celsius for 30 minutes, then switches to preset mode.

- Turbo mode can be set when the appliance is in operation or powered on.
- In turbo mode, you can set airflow direction or timer. If you want to return to the original mode, press POWER, MODE, FAN, ON/OFF or TEMPERATURE SETTING BUTTON.

### Note:

- Sleep and 6th sense buttons are not available in turbo mode.
- Turbo button is ineffective in heating mode.
- The appliance will continue working in turbo mode with set temperature of 18 degree Celsius, till other buttons mentioned above are pressed.

## Safety precautions

### Symbols in this Use and Care Manual are interpreted as shown below.

O Be sure not to do.

Grounding is essential.

1

Pay attention to such a situation.



Warning: Incorrect handling could cause a serious hazard, such as death, serious injury, etc.



Use correct power supply in accordance with the rating plate requirement. Otherwise, serious faults or hazard may occur or a fire maybe break out.



Keep the power supply circuit breaker or plug away from dirt. Connect the power supply cord to it firmly and correctly, lest an electric shock or a fire break out due to insufficient contact.



Do not use the power supply circuit breaker or pull off the plug to turn it off during operation. This may cause a fire due to spark, etc.



Do not bend, pull or press the power supply cord, lest the power supply cord be broken. An electric shock or fire may be caused by a broken power supply cord.



Never insert a stick or similar obstacle to the unit. Since the fan rotates at high speed, this may cause an injury.



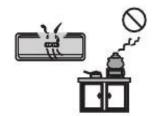
It is harmful to your health if the cool air reaches you for a long time. It is advisable to let the air flow be deflected to around the room.



Turn off the appliance by remote control first before cutting off power supply if any malfunction occurs.



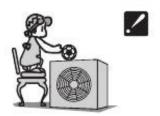
Do not repair the appliance by yourself. If this is done incorrectly, it may cause a... electric shock, etc.



Prevent the air flow from reaching the gas burners and stove.



Do not touch the operation buttons when your hands are wet.

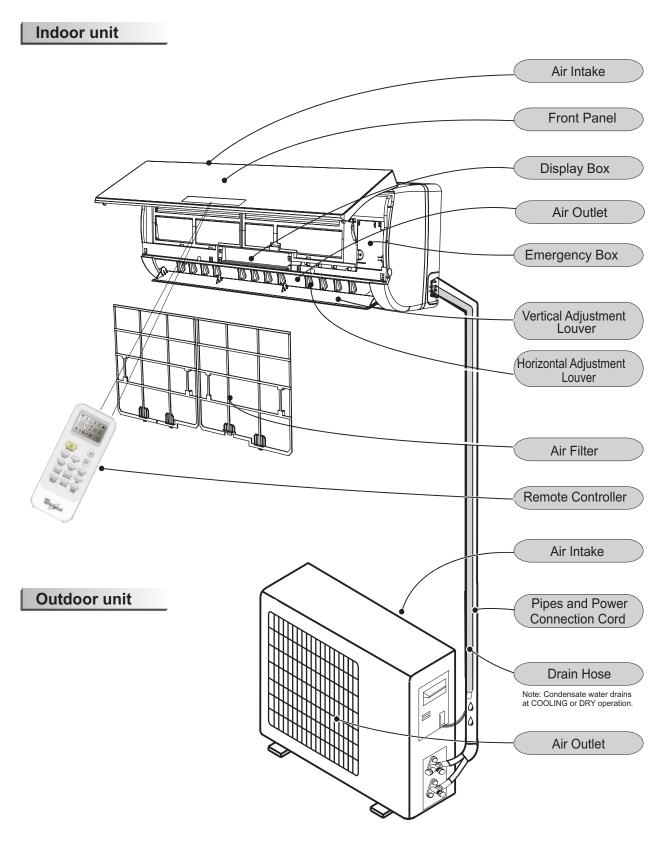


Do not put any objects on the outdoor unit.



It is the user's responsibility to get the Appliance earthed according to local requirements by a licensed technician.

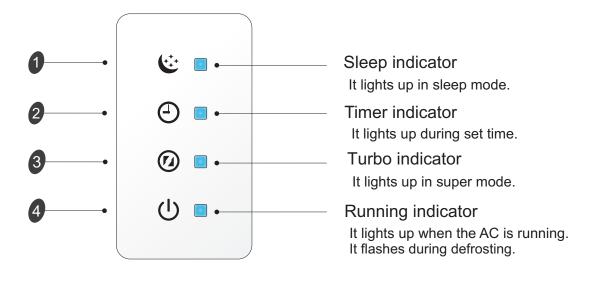
# Identification of parts



The figures in this manual are based on the external view of a standard model.

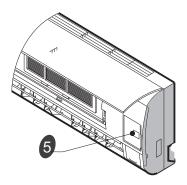
Consequently, the shape may differ from that of the air conditioner you have selected.

# Display introduction



Emergency button 5

**ON/OFF** To let the AC run or stop by pressing the button.



The symbols may be different from these models, but the functions are similar.

## Remote controller

### Remote controller

The remote controller transmits signals to the system.

**1** ON/OFF BUTTON

The appliance will be switched on or Off on pressing this button

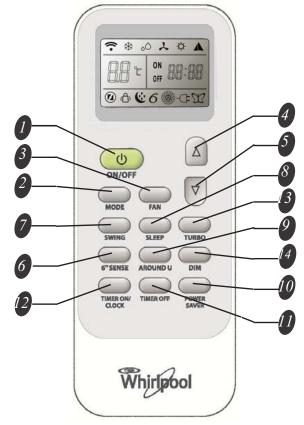
- **MODE BUTTON** 
  - Press this button to select the operation mode.
- Jed to select fan speed in sequence auto, high, medium or low.
- **4** 6 ROOM TEMPERATURE SETTING BUTTONS

Used to adjust the room temperature and the timer, also real time.

- 6 6<sup>TH</sup> SENSE BUTTON Used to enter fuzzy logic operation directly, regardless of the unit is on or off.
- SWING BUTTON

  Used to stop or start vertical adjustment louver swinging and set the desired up/down airflow direction.
- SLEEP BUTTON
  Used to set or cancel Sleep Mode operation.
- AROUND U BUTTON
  Used to set or cancel AROUND U Mode operation.
- POWER SAVER BUTTON
- Used to enter or quit POWER SAVER mode

  TIMER OFF BUTTON
- Used to cancel the timer operation.
- TURBO BUTTON
  Used to start or stop the fast cooling.

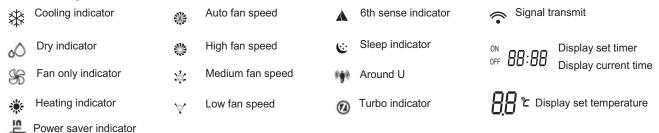


TIMER ON/CLOCK BUTTON
Used to set timer operation and clock.

**DIM BUTTON** 

When you press this button, all the display of indoor unit will be switched off. Press any button to resume display.

### Indication symbols on LCD:



Note: Each mode and relevant function will be further specified in following pages.

## Remote controller

### Remote controller

#### How to Insert the Batteries

Remove the battery cover according to the arrow direction. Insert new batteries making sure that the (+) and (-) of battery are matched correctly.

Reattach the cover by sliding it back into position.

#### Note

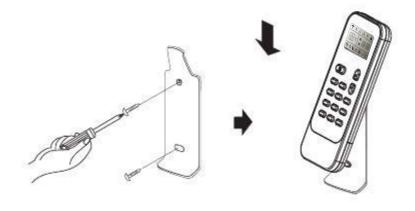
 Use 2 LR03 AAA(1.5volt) batteries. Do not use rechargeable batteries. Replace batteries with new ones of the same type when the display becomes dim.



### Storage and Tips for Using the Remote Controller

The remote controller may be stored mounted on a wall with a holder.

Note: The remote controller holder is an optional part.





### **Operation modes**

### Selecting mode

Each time **MODE** button is pressed, the operation mode is changed in sequence:



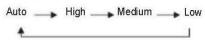
Heating mode is NOT available for cooling only air conditioner.

Cool mode: This mode is used to control cooling in normal temp. range of 18~32 C, fan speed settings can be varied. To change the fan speed setting in this mode, press the fan speed button to select any of the 3 fan speed frem High/Medium/Low. Cool mode indicator along with temperature is displayed on the RC.

Dry mode: This mode is suitable for Humid conditions, where the moisture content is the main discomfort. The fan speed is set to low to facilitate reduction of humidity level. Temperature can be varied according to need and dry mode indicator is displayed on the RC.

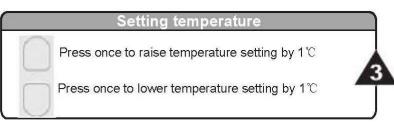
### FAN mode

Each time the "FAN" button is pressed, the fan speed is changed in sequence:



At "FAN ONLY" mode, only "High", "Medium" and "Low" are available. At "DRY" mode, Fan speed is set at "Low" automatically, "FAN" button is ineffective in this case.

Fan mode: When you do not need to lower the room temperature, you can still use the air conditioner as a simple fan. Fan speed can be selected easily from the High/Medium/Low preset settings.

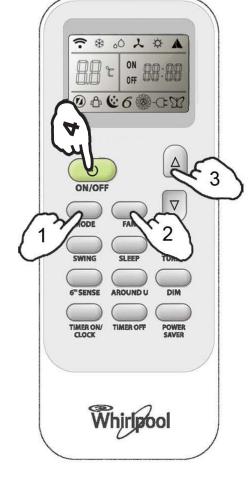


Range of availab	le set temperature
COOLING	18℃~32℃
DRY	
FAN ONLY	NA

\*Note: Heating mode is NOT available for cooling only models.

#### Turning on

Press button when the appliance receives the signal, the RUN indicator of the indoor unit lights up.



### Airflow direction control

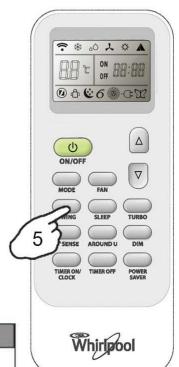
#### Airflow direction control

Vertical airflow is automatically adjusted to a certain angle in accordance with the operation mode after turning on the unit.

Operation mode	Direction of airflow
COOLING, DRY	horizontal

The direction of airflow can be also adjusted to your own requirement by pressing the "SWING" button of the remote controller.

\*Heating mode is only available for heat pump models.



### Vertical airflow control (with the remote controller)

Using remote controller to set various angles of flow or specific angle as you like.

### Swinging airflow

Pressing "SWING" button once, horizontal louver will swing up and down automatically.

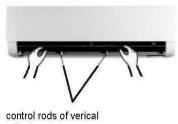
### Desired direction airflow

Pressing the "SWING" button again when the louvers swing to a suitable angle as desired.

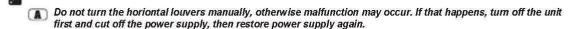
### Horizontal airflow control (with hands)

Turning the control rods of the vertical adjustment louvers to change horizontal air flow as shown.

Note: The shape of the unit may look different from that of the air conditioner you have selected.



adjustment louvers



It is better not to let the horiontal louver tilt downward for a long time at COOLING or DRY mode to prevent condensed water from dripping.

#### 6th sense mode

Press the 6THSENSE button, the unit enters 6th sense mode(fuzzy logic operation) directly regardless of the unit is on or off. In this mode, temperature and fan speed are automatically set based on the

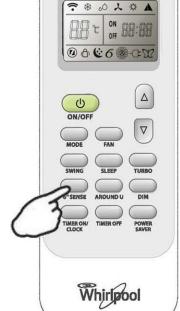
actual room temperature.

Over 26°C

### Operation mode and temperature are determined by indoor temperature Cooling only models

#### Indoor temperature Operation mode Target temperature 23°C or below FAN ONLY Room temperature decrease by 1.5℃ after DRY 23°C-26°C operate for 3 minutes 26℃

COOLING



6TH SENSE button is ineffective in TURBO mode.

Note: Temperature, airflow and direction are controlled automatically in 6th sense mode. feel uncomfortable.

### **CLOCK** setting

How to set the time: Press the Timer On/Clock button for 3 seconds to activate the clock setting. Then for setting the minutes press the Up and Down button and for setting hours continuously hold Up or Down button for 3 seconds. On setting, press Timer On/Clock button for 3 seconds to set the real time.

### **Around U button**

In Around U mode, the air conditioner operates on the basis of the temperature near the remote rather than that around the machine. A temperature sensor fitted in the remote helps achieve this, maximizing cooling around the remote.

Operation: Used to start or stop the air Around U mode. When you press the Around U button, the sensor in the remote gets activated. This means, the temperature keeps dropping until the area around the remote reaches the set temperature.

### **Timer mode**

Timer Mode: This mode allows you to switch air conditioner on/off after a certain amount of time that has been set.

### How to set TIMER ON

TIMER ON button can be used to set the timer programming as wished in order to switch on the appliance at your desired time.

		n, "ON 12:00" flashes on the LCD, then you
can press the	or	buttons to select your desired time for
appliance on.		



Press the **TIMER ON** button once to increase or decrease the time setting by 1 minute. Press the **TIMER ON** button one and a half seconds to increase or decrease the time setting by 10 minute.

Press the **TIMER ON** button for a longer time to increase or decrease the time by 1 hour.

Note: If you don't set the time in 10 seconds after you press TIMER ON button, the remote controller will exit the TIMER ON mode automatically.

ii) When your desired time displayed on LCD, press the TIMER ON button and confirm it.

A "beep" can be heard.

"ON" stops flashing.

The TIMER indicator on the indoor unit lights up.

iil) After the set timer displayed for 5 seconds the clock will be displayed on the LCD of the remote controller instead of set timer.

### How to cancel TIMER ON

**TIMER OFF** can be used to switch off the appliance automatically at your desired time.

Note: Press the TIMER ON button again, a "beep" can be heard and the indicator disappears, the TIMER ON mode has been canceled.

### **SLEEP** mode

### **SLEEP mode**

SLEEP mode can be set in COOLING HEATING or DRYING operation mode. This function gives you a more comfortable environment for sleep. In SLEEP mode,

- The appliance will stop operation automatically after operating for 8 hours.
- Fan speed is automatically set at low speed.
- \*Set temperature will rise by 1°C if the appliance operates continuously in cooling mode for 2 hours constantly, then remains steady.

\*Note: In cooling mode, if room temperature is 26°C or above, set temperature will not change.

Note: Heating is NOT available for cooling only air conditioner.



### **TURBO** mode

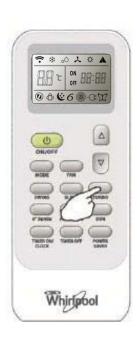
### **TURBO** mode

- Turbo mode is used to reduce the temperature of your room at the highest possible rate, by operating at highest fan speed and changing the set temperature to 18°C.
- In **TURBO mode**, you can set airflow direction or timer. If you want to escape from TURBO mode, press TURBO, MODE, FAN, ON/OFF,SLEEP or TEMPERATURE SETTING button, the display will return to the original mode.

\*Note:

6TH SENSE button is not available in TURBO mode.

The Appliance will continue working in TURBO mode, if you don't exit from it by pressing any of the buttons mentioned above.



# Functions available in different modes

	Temp. Control	Fan Speed	Timer	Sleep	Swing
Cool Mode	V	$\checkmark$	V	V	$\checkmark$
Dry Mode	V	×	$\checkmark$	V	$\checkmark$
Fan Mode	×	√	$\checkmark$	×	$\sqrt{}$
6 <sup>th</sup> Sense	V	×		V	$\checkmark$
Turbo	×	×	$\checkmark$	×	$\sqrt{}$
Power Saver	×	×	V	V	<b>√</b>







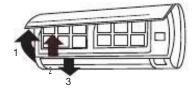
### Air filter maintenance

It is necessary to clean the air filter after using it for about 100 hours.

Clean it as follows:



Switch off the appliance and remove the air filter.



- 1. Open the front panel.
- 2.Press the handle of the filter gently from the front.
- 3. Grasp the handle and slide out the filter.



Clean and reinstall the air filter.

If the filter is dirty., wash it with a solution of detergent in lukewarm water. After cleaning, dry well in shade.





Close the front panel again.

Clean the air filter every two weeks if the air conditioner operates in an extremely dusty environment.

## Protection

### Operating condition

The protective device maybe trip and stop the appliance in the cases listed below.

COOLING	Outdoor air temperature is over *43°C
	Room temperature is below 20°C
DRY	Room temperature is below 18°C

If the air conditioner runs in COOLING or DRY mode with door or window opened for a long time when relative humidity is above 80%, dew may drip down from the outlet.

### Noise pollution

- Install the air conditioner at a place that can bear its weight in order to operate more quietly.
- Install the outdoor unit at a place where the air discharged and the operation noise would not annoy your neighbors.
- Do not place any obstacles in front of the air outlet of the outdoor unit lest it increases the noise level.

#### Features of protector

- The protective device will work in the following cases.
  - Restarting the unit at once after operation stops or changing mode during operation, you need to wait 3 minutes.
  - Connecting to the power supply and turn on the unit at once, it will start after 20 seconds.
- If all operation have stopped, press ON/OFFbutton again to restart, Timer should be set again if it has been canceled.

# Troubleshooting /

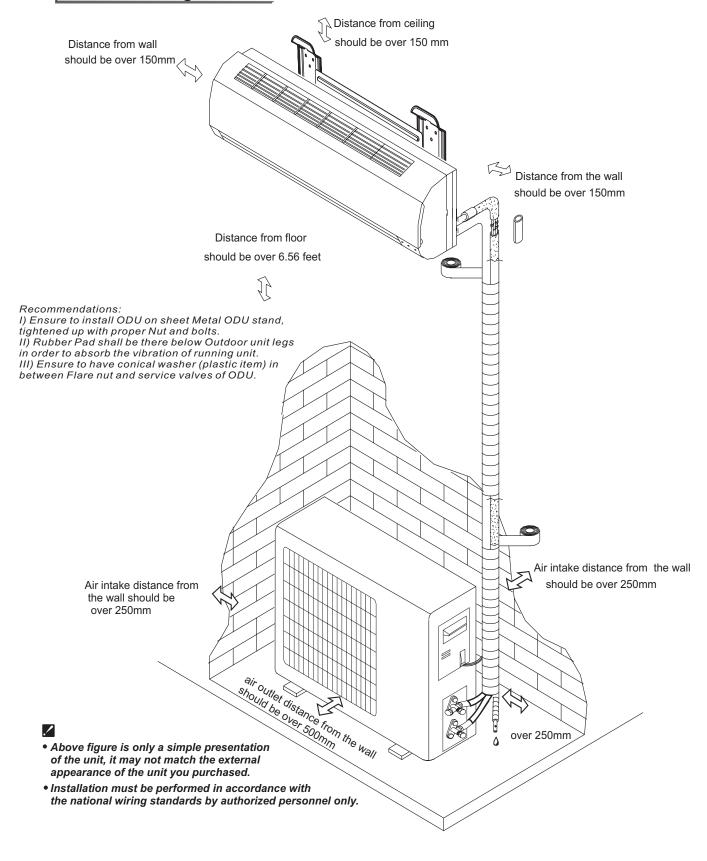
The following cases may not always be a malfunction, please check it before asking for service.

Trouble	Analysis
Does not run	<ul> <li>Is the protector trip or fuse is blown?</li> <li>Please wait for 3 minutes and start again, protector device may be preventing unit from working?</li> <li>Are the batteries in the remote controller exhausted?</li> <li>Is the plug is not properly plugged?</li> </ul>
No cooling or heating air	<ul> <li>Is the internal unit air filter dirty?</li> <li>Are the vents of the external unit blocked?</li> <li>Is the input voltage less than 185V?</li> <li>Is the temperature set properly?</li> </ul>
Ineffective control	Check if the batteries in the remote controller are not exhausted
Lag in the compressor working.	Changing mode during operation, will lead to 3 minutes delay.
Peculiar odor	<ul> <li>This odor may come from another source such as furniture, cigarette etc, which is sucked in the unit and blown out with the air.</li> </ul>
A sound of flowing water	Caused by the flow of refrigerant in the air conditioner, not a issue.
Cracking sound is heard	<ul> <li>The sound may be generated by the expansion or contraction of the front panel due to change of temperature.</li> </ul>
Spray mist from the outlet	Mist appears when the room air becomes very cold because of cool air discharged from indoor unit during COOLING or DRY operation mode.
	<u>v</u>

# Troubleshooting chart

Fault		Symptoms		Probable cause	1	Trouble Point		Remedy
	1	Supply Air is cold but	1	Excessive Cooling load	1	Room is too large for choosen capacity.	1	Recalculate the cooling load.
		room is not cooled.			2	Direct Sunlight enters the room being cooled.	2	Do not insatall air conditioner near heater and other sources.
					3	Doors are opened and closed frequently or room contain too many persons		and said scales.
					4	Heat sources such as heaters and cooking stoves, etc. are presents.		
			2	Unsuitable installation location	1	Check if room air conditioner is installed in corner.	1	Change installation location.
					2	Check for any obstructing object in front of room air conditioner	2	Remove any obstructing object.
			3	Insufficient air flow .	1	Dust accumulates in the air filter.	1	Wash out the dust on the air filter.
OLING					2	Dust adheres to fins w hich causes less air flow .	2	Clean the fins w ith brus and w ater.
LESS COOLING	2	Compressor is operating, but supply air is not cooled sufficiently	1	Defective refrigerating cycle.	1	Refrigerant leakage from the brazed section in piping.	1	Check each section with halogen gas leak detector and repair it immediately when a leaking section is detected.
			2	ambient condition	1	compressor becomes overloaded and stops w ith the actuation of overload relay	1	check for direct sunlight on air conditioner
	3	compressor stops soon after starting	1	variation of pow er sourse voltage and pow er sourse capacity	1	supply voltage is not in range of +- 10% of rated	1	use stabilizers for regulated pow er supply
			2	ambient condition	2	compressor becomes overloaded and stops w ith the actuation of overload relay	2	check for any sunlight on air conditioner
			3	compressor running capacitor becomes poor or disconnected	3	check electrical w ire and compressor running capacitor w ith capacitor	3	replace the defective capacitor
			4	defective refrigerating cycle and overload	3	measure the voltage and current abonormality	4	repair refrigerating cycle and overload relay
			5	defective compressor	5	check compressor w inding resistance and compare w ith specification	5	replace any defective compressor
	1	Fan motor does not run	1	poor contact of plug, broken w ire, sw itches thermistor	1	measure the continuity of cord or voltage with a tester	1	replace any plug or part w ith poor contact or cord w ith broken arive
			2	fan motor failure	2	check the broken connection in fan motor itself burnt and effect	2	check w ith DC motor testing jig if faulty replace the
	2	fan motor is running but compressor does not operate	1	variation of pow er sourse voltage and pow er sourse capacitor	1	supply voltage is not in range of ~ 10% of rated	1	use stabilizers for regulated pow er supply
TALL			2	ambient condition	2	compressor becomes overloaded and stops w ith the actuation of overload relay	2	check for any direct sunlight on air conditioner
00L A			3	compressor running capacitor becomes poor or disconnected	3	check electrical w ire and compressor running capacitor w ith capacitor	3	replace the defective capacitor
DOES NOT COOL AT ALL			4	defective refrigerant cycle or overload relay	4	measure the voltage and current abonormality	4	repair refrigerating cycle and overload relay
90			5	defective compressor	5	check compressor w inding resistance and compare w ith specification	5	replace any defective compressor
	3	compressor is operating but air is not cooled at all	1	gas leakage	1	measure the voltage and current abonormality	1	Check each section with halogen gas leak detector and repair it immediately when a leaking section is detected.
			2	compressor w ith defective valve			2	replace any defective component
	1	compressor noise	1	compressor w ith damaged piping suspension spring	1	observe for any normal noise	1	replace the compressor
OISE & ATION	2	Knocking noise	2	blow er fan or pro fan hitting w ith foreign material	2	check for any object around fan	2	remove any foreign material from the system
NOISE & VIBRATION	3	Reasoning noise due to vibration	1	Installation is not proper and parts of air conditioner are loose or internal parts of the compressor are damaged	1	Check the degree of vibrationand installation w ith accuracy	1	take proper measure to correct
N G	1	Water dripping inside room	1	Tilted unit installation	1	Check unit installation	1	if necessary reinstall the unit
WATER			2	Air filter may be dirty or clogged	2	Check air filter	2	clean dirty filter

### **Installation diagram**



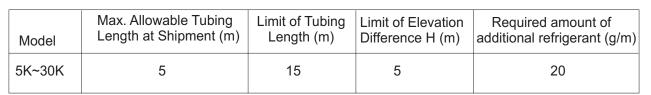
### Select the installation location

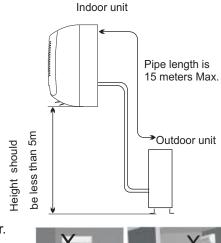
### Location for Installing Indoor Unit

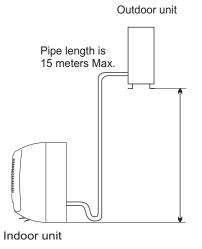
- Where there is no obstacle near the air outlet and air can be easily blown to every corner.
- Where piping and wall hole can be easily arranged.
- Keep the required space from the unit to the ceiling and wall according to the installation diagram on previous page.
- Where the air filter can be easily removed.
- Keep the unit and remote controller 1m or more apart from television, radio etc.
- To prevent the effects of a fluorescent lamps, keep as far as possible.
- Do not put anything near the air inlet to obstruct it from air absorption.
- Where there is strong enough to bear the weight and is not tend to increase operation noise and vibration.
- Do not install above the enterance i.e. Door or in front of the door. installation area should have sufficient strength and durability.
- IDU should not install far away from desired cooling area.
- Do not place any electronic equipment below the IDU unit. Ex: LCD, Computer etc.

### Location for Installing Outdoor Unit

- Where it is convenient to install and well ventilated.
   Do not install ODU face to face. Avoid the installation in South and West direction.
- Avoid installing it where flammable gas could leak.
- Keep the required distance apart from the wall.
- The distance between Indoor and outdoor unit should be 4 meters and can go up to maximum 15 meters with additional refrigerant charge.
- Keep the outdoor unit away from a place of greasy dirt, vulcanization gas exit.
- Avoid installing it at the roadside where there is a risk of muddy water.
- A fixed base where is not subject to increasing operation noise.
- Where there is not any blockage for air outlet.(Don't install in shaft)
   Installation area should have sufficient strength and durability.
   To get optimize efficiency, install under shed.



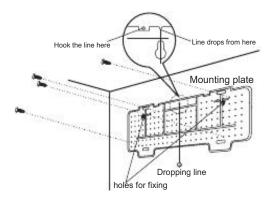




### Indoor unit installation

#### 1. Installing the Mounting Plate

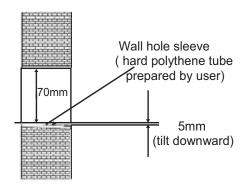
- Decide an installing location for the mounting plate according to the indoor unit location and piping direction.
- Keep the mounting, plate horizontally with a horizontal ruler or dropping line.
- Drill holes of 32mm in depth on the wall for fixing the plate.
- Insert the plastic plugs to the hole, fix the mounting plate with tapping screws.
- Inspect if the mounting plate is well fixed. Then drill a hole for piping.



Note: The shape of your mounting plate may be different from the one above, but installation method is similar.

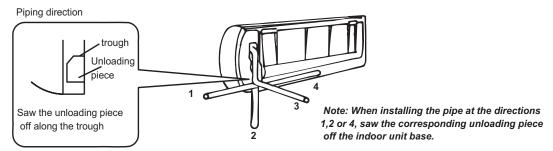
### 2. Drill a Hole for Piping

- Decide the position of hole for piping according to the location of mounting plate.
- Drill a hole on the wall with the help of drill machine
   The hole should tilt a little downward toward outside.
- Install a sleeve through the wall hole to keep the wall tidy and clean.



#### 3. Indoor Unit Piping Installation

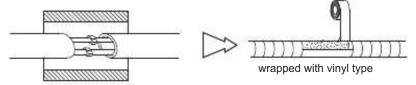
- Put the piping (liquid and gas pipe) and cables through the wall hole from outside or put them through from inside after indoor piping and cables connection complete so as to connect to outdoor unit.
- Check unloading piece off in accordance with the piping direction.(as shown below) and use tube bender the copper pipe.



After connecting piping as required, install the drain hose. Then connect the power cords. After connecting, wrap the piping, cords and drain hose together with thermal insulation materials.
 IDU should be mounted perfectly on mounting plate, Lock should be properly inserted.



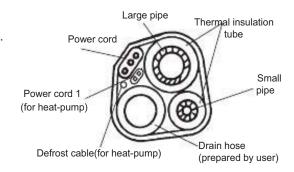
Piping Joints Thermal Insulation:
 Wrap the piping joints with thermal insulation materials and then wrap with a vinyl tape.

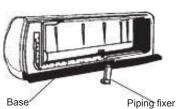


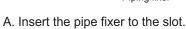
Thermal insulation

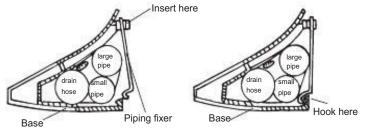
### Piping Thermal Insulation:

- a. Place the drain hose under the piping.
- b. Insulation material uses polythene foam over 6mm in thickness. *Note: Drain hose is prepared by user.*
- Drain pipe should point downward for easy drain flow.
   Do not arrange the drain pipe twisted, sticking out or wave around, do not immerse the end of it in water.
  - If an extension drain hose is connected to the drain pipe, make sure to thermal insulated when passing along the indoor unit.
- When the piping is directed to the right, piping, power Cord and drain pipe should be thermal insulated and fixed onto the back of the unit with a piping fixer.







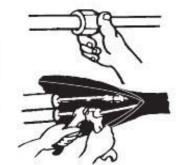


B. Press to hook the pipe fixer onto the base.

### **Piping Connection:**

- a. Connect indoor unit pipes with two fix spanners. Pay special attention
  to the allowed torque as shown below to prevent the pipes, connectors
  and flare nuts from being deformed and damaged. Do not use adjustable wrenches.
- b. Pre-tighten them with fingers at first, then use the spanners.

Model	Pipe Size	Torque	Nut Width	Min. Thickness
1.0 TR-2*,3*&5*	Liquid Side(1/4")	1.8 kg.m	17 mm	0.6 mm
1.5 TR-2*&3*	Liquid Side(1/4")	1.8 kg.m	17 mm	0.6 mm
1.5 TR-5* & 2.0 TR- 4*	Liquid Side(3/8")	3.5 kg.m	22 mm	0.6 mm
1.0 TR-2*,3*&5*	Gas Side(1/2")	5.5 kg.m	24 mm	0.6 mm
1.5 TR-2*&3*	Gas Side(1/2")	5.5 kg.m	24 mm	0.6 mm
1.5 TR-5* & 2.0 TR-4*	Gas side(5/8")	7.5 kg.m	27 mm	0.6 mm



Do not cut the pipe, if connecting pipe required is less than 4 meter.

Roll & fix the pipe with ODU(in order to get optimum performance in hot summer condition)

### 4. Connecting of the Cable

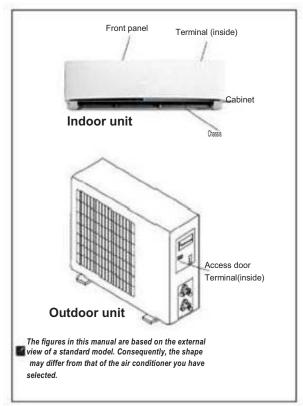
#### Indoor Unit

Connect the power connecting cord to the indoor unit by connecting the wires to the terminals on the control board individually in accordance with the outdoor unit connection.

Note: For some models, it is necessary to remove the cabinet to connect to indoor unit terminal.

#### Outdoor Unit

- 1). Remove the access door from the unit by loosening the screw. Connect the wires to the terminals on the control board individually as the following.
- 2). Secure the power connecting cord onto the control board with cable clamp.
- 3). Reinstall the access door to the original position with the screw.
- 4) Use a recognized circuit breaker for 24K model between The power source and the unit. A disconnection device to Adequately disconnect all supply line must be fitted.



#### Caution:

- 1. Never fail to have an individual power circuit specifically for the air conditioner. As for the method of wiring, refer to the circuit diagram posted on the inside of the access door.
- 2.Comfirm that the cable thickness is as specified in the power source specification.
- 3. Check the wires and make sure that they are all tightly fastened after cable connection.
- 4. Be sure to install an earth leakage circuit breaker in wet or moist area.

### Cable Specifications

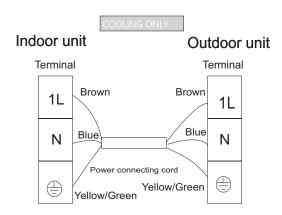
0 : : : :	Powe	r Cord	Power con	M - !		
Capacity (Btu/h)	Туре	Normal cross-sectional area	Туре	Normal cross-sectional area	Main power supply(Note)	
12k	H05VV-F	1.0mm <sup>2</sup> X3	H07RN-F	1.0mm <sup>2</sup> X3	To indoor	
18k	H05VV-F	1.5mm <sup>2</sup> X3	H07RN-F	1.5mm <sup>2</sup> X3	To indoor	
24k	H05VV-FRVV	2.5mm <sup>2</sup> X3	H07RN-F	2.5mm <sup>2</sup> X3	To indoor	

### Wiring Diagram

Make sure that the color of wires of the outdoor unit and the terminal No. are the same as those of the indoor unit.

• 12K,18K,24K Model

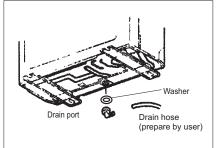
For above models, the power supply are connected from indoor unit.



### **Outdoor unit installation**

### 1.Install Drain Port and Drain Hose (for heat-pump model only)

The condensate drains from the outdoor unit when the unit operates in heating mode. In order not to disturb your neighbor and protect the environment, install a drain port and a drain hose to direct the condensate water. Just install the drain port and rubber washer to the chassis of the outdoor unit, then connect a drain hose to the port as the right figure shown.



#### 2. Install and Fix Outdoor Unit

Use rubber pad to fix with bolts and nuts tightly on a flat and strong floor. If installed on the wall or roof, make sure to fix the mounting stand and rubber pad well to prevent it from shaking due to serious vibration or strong wind.

### 3. Outdoor Unit Piping Connection

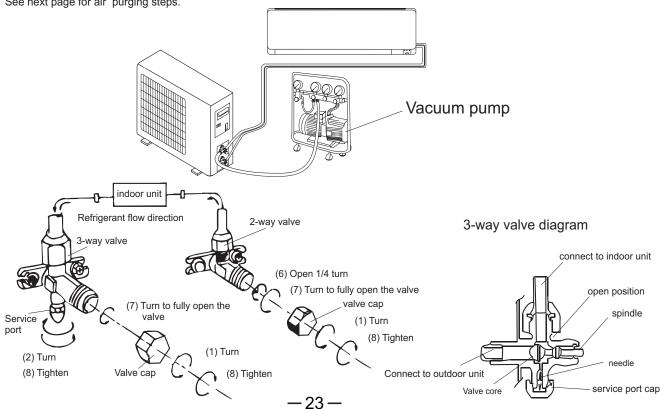
- Remove the valve caps from the 2-way and 3-way valve.
- Connect the pipes to the 2-way and 3-way valves separately according to the required torque.

### 4. Outdoor Unit Cable Connection (see previous page)

### **Leak Test/Evacuation/Gas Charging**

The air which contains moisture remaining in the refrigeration cycle may cause a malfunction on the compressor. After connecting the indoor and outdoor units, evacuate air and moisture from refrigerant cycle using a vacuum pump, as shown below.

Note: To protect the environment, be sure not to discharge the refrigerant to the air directly. See next page for air purging steps.



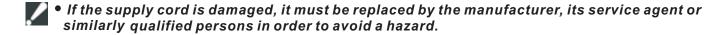
### How to Purge Air Tubes:

- 1. Connect IDU & ODU connecting piping.
- 2. Connect the Manifold Gauge & Vaccum Pump to the charging valve.
- 3. Do the system evacuate atleast for 30 minutes with two stage vaccum pump when reaching a vaccum of 10mm Hg absolutes, switch off the pump & hold the vaccum for 5 minutes and check if the vaccume is breaking or not.
- 4. If vaccum breaks, then there is a leakage in system.
- 5. Rectify the leakage and do the vaccum again(Follow repeat of process)
- 6.If no vaccum breakage, open the spindles of 2-way & 3-way valves.

Then again check leakage with soap suds

### **Notes**

- To guarantee the unit working normally, please read the manual carefully before installation, and try to install strictly according to this manual.
- Do not let air enter the refrigeration system or discharge refrigerant when moving the air conditioner.
- Earth the air conditioner properly.
- Check the connecting cables and pipes carefully, make sure they are correct and firm before connecting the power of the air conditioner.
- There must be an air-break switch.
- After installing, the consumer must operate the air conditioner correctly according to this manual, keep a suitable storage for maintenance and move of the air conditioner in the future.
- Type of fuse used on indoor unit controller is  $\Phi 5 \times 20$ , with rating 2.5A/250V or 3.15A/250V.
- Caution: Mount with the lowest moving parts of indoor unit at Least 2.4m above floor or grade Level.
- Warning: Risk of electric shock can cause injury or death: Disconnect all Remote electric power supplies before servicing.
- The maximum length of the connecting pipe between the indoor unit and outdoor unit should be less than 5 meters. It will affect the efficiency of the air conditioner if the distance longer than that length.



The appliance shall be installed in accordance with national wiring.

### A RELATIONSHIP FOR LIFE

WITH 5 YEARS WARRANTY



Whirlpool of India Ltd. (WOIL) offers the original purchaser (hereinafter referred to as "the customer") of the **Whirlpool Magicool Air Conditioner** the benefit of a 5 Years Warranty as detailed below provided the air conditioner is in the possession of and used by the Customer during 5 year term of the warranty from the date of purchase as provided in original invoice.

### (i) One-Year Warranty

Under the warranty the customer is warranted that the air conditioner and all parts thereof (except the front grill, knobs, and plastic parts) are free from defects in material and workmanship under normal use and service. WOIL's obligations under this Warranty shall be limited to repairing or providing the replacement of any defective part (except the front grill, knobs and plastic parts) of air conditioner which proves defective within one year from the date of original purchase and which on WOIL's examination discloses to its satisfaction to be defective.

### (ii) Four Year Additional Warranty on Compressor

Under the warranty the customer is warranted that the compressor to be free from defects in material and workmanship under normal use and service. WOIL's obligation under this warranty shall be limited to repairing or providing the replacement of compressor with another in working condition which proves defective within Four Years commencing immediately after the expiry of the date of purchase and which on WOIL's examination discloses to its satisfaction to be defective. This warranty covers the compressor only. It does not cover any other part such as running capacitor ,thermostat, refrigerant, consumables such as Gas charging. The cost of replaced parts and consumables shall be borne by the customer. No notice of expiry period of warranty will be given by WOIL.

### Limitations of Warranty:

1. This Warranty shall not apply to defects arising, in WOIL's opinion, by reasons of accident, alteration, abuse, misuse, neglect, improper installation, unauthorized repairs or replacement of original parts, fire, flood or other acts of God. Charges for repair of this nature, if carried out, will have to be borne by the customer.

## Warranty term

- 2. This Warranty holds good only so long as there is correct use and maintenance of the air conditioner as detailed in the User and Care guide.
- 3. This Warranty will continue to be in force for the term herein specified, irrespective of what replacements may be provided under it, and Such replacement including on compressor shall not attract any fresh Warranty.
- 4. This Warranty is valid and binding provided that no service or repair has been attempted or effected by anyone other than the Authorized Service Franchisee and that immediate notification of any alleged defect is given to WOIL-or the Authorized Service Franchisee.
- 5. This Warranty will cease to be applicable to defects arising out of pulled out power card, blown fuse or improper electrical circuit which result in non-operation of the air conditioner.
- 6. WOIL's employees or dealers and / or Authorized Service Franchisee have no authority to vary the terms of this Warranty.
- 7a. The One Year Warranty will automatically terminate on the expiry of the Warranty period of twelve months, from date of purchase as per invoice, even if the air conditioner may not be in use for any time during the Warranty period for any reason whatsoever including any technical breakdowns, and the time token for such repairs/replacements of parts and transit, whether under this Warranty or otherwise shall not be excluded from the Warranty period.
- 7b. The Warranty on compressor will automatically terminate on the expiry of Four Years, even if the air conditioner may not be in use for any reason whatsoever.
- 8. a). While WOIL will make every effort to carry out repairs/replacements of parts under this Warranty as soon as possible, it is expressly made clear that WOIL shall not be liable to do so within any specified period of time.
- b). In the event of at repairs/replacements of any parts, this Warranty will thereafter continue to remain in force only for the unexpired period of the Warranty.
- 9. It is entirely left to WOIL's discretion to effect repairs/replacements of parts at this site of installation or at any service station of its Branches or of its Authorized Service Franchisee.
- 10. The Warranty will stand void, if air conditioner is installed, serviced, opened, tampered, repaired etc. by any unauthorized person.

## Warranty term

- 11.WOIL will not be responsible, for cooling and condenser coil if the air conditioner is installed near the muddy sewages as toxic gases are harmful for the Air Conditioner.
- 12. WOIL absolves all liability in case where the following situations are found by the service engineer during their visits to customer premises on service call.
- (a) Faulty / Substandard wiring used
- (b) Defective Stabilizer
- (c) Dirty Filter
- (d) Parts damaged due to Rat biting

In cases the above conditions are observed at the time of visit by the Engineer then the customer shall be liable to bear the visit charges of RS 200/- \* over and above the other repair charges incurred during the process.

- \*The Company reserves the right to revise the visit charges at its own discretion and the customer will be liable to pay the revised visit charges as may be applicable on the date of visit.
- 13. The customer at all times shall preserve the original invoice for necessary verification and produce, as and when required by WOIL.
- 14.WOIL reserves the right to alter the terms and conditions of the present warranty at any time with its sole discretion without any prior notice.

Whirlpool	Dealer copy	(Within 9 months from date of purchase)	WET Free Service Coupon	Model No.:	Serial No.:	Name:	Address:	Telephone No.:	Date of purchase:	Arrival at Completion of site work	Date:	Time:	Technician's Customer' Signature: Signature:
Whirlpool	Customer copy	(Within 9 months from date of purchase)	WET Free Service Coupon	Model No.:	Serial No.:	Name:	Address:	Telephone No.:	Date of purchase:	Arrival at Completion of site work	Date:	Time:	Technician's Customer' Signature: Signature:

	Service					
		Refrigeration circuit checked	Capacitors checked	Stabilizer checked		
	Service					
rmed	Service	$\Box$	General cleaning and brushing up	Grill temperature checked	Room temperature checked	Insulation of AC checked
d cross 'X' for not performed		Amperes (compressor) checked	Piping system checked	Voltage I/P & O/P checked	Air filter cleaned	Brushing of cooling coil
formed an	Service					
Tick '✓' for operation performed and cross		Fan motor: a) Speed check	b) Noise checked	c) Alignment checked	Electrical wiring checked	Drain System checked

## Whirlpool of India Ltd.

### Installation / Demo Check Sheet - Air conditioner

Customer & Machine details						
Date of Inspection		Branch				
Customer Name & Address		SP Name				
		Model No				
		Date of Purchase(DOP)				
		Machine Sr no				
Phone no		IDU Sr No.				
Mobile No		ODU Sr No.				
Purchased from ( Dealer Name)		Installed By (Installer's Name)				
SSD / TP / Modern Trade / Institutional sale / Others		SSD / TP / SP / Local				
Installation Conditions ( SAC)						
IDU Location	Ok / Not Ok	ODU location				
IDU level ( Check with Sprit level)	Ok / Not Ok	Length of Copper pipe	Ok / Not Ok			
Drain Pipe slope	Ok / Not Ok	Distance Between IDU &	ODU			
Electrical & Other detail						
Condition of House Wiring	Amp	Stabilizer	Yes / No			
MCB Rating		Make				
Earthing conditions		Stabilizer Input	Volts			
If Voltage between E & N is < 10 V Advise						
Customer to consult an electrician		Stabilizer Output Ampers Drawn	Volts			
PERFORMANCE ( RUN MACHINE FOR 30MINUTES	& CHEC	K THE FOLLOWING)				
Ambient Temp. oC	4 01120	1	should be some v. 9. To 120C			
		DeltaT= T1-T2 should be approx. 8 To 12oC				
		Delta1=11-12	Should be approx. 6 10 120C			
Air Inlet Temp. oC (T1)		Delta1=11-12	Should be approx. 6 10 1200			
Air Inlet Temp. oC (T1) Grill Temp. oC (T2)		Delta1-11-12	snould be approx. 6 10 120C			
Air Inlet Temp. oC (T1)  Grill Temp. oC (T2)  Features Explanations	Ver (Ne		ı.			
Air Inlet Temp. oC (T1)  Grill Temp. oC (T2)  Features Explanations  Cool mode	Yes / No	Dim function	Yes / No			
Air Inlet Temp. oC (T1)  Grill Temp. oC (T2)  Features Explanations  Cool mode  Dry Mode	Yes / No	Dim function Around U	Yes / No Yes / No			
Air Inlet Temp. oC (T1)  Grill Temp. oC (T2)  Features Explanations  Cool mode		Dim function Around U Filter Cleaning method	Yes / No			
Air Inlet Temp. oC (T1)  Grill Temp. oC (T2)  Features Explanations  Cool mode  Dry Mode	Yes / No	Dim function Around U	Yes / No Yes / No			
Air Inlet Temp. oC (T1)  Grill Temp. oC (T2)  Features Explanations  Cool mode  Dry Mode  Fan Mode	Yes / No Yes / No	Dim function Around U Filter Cleaning method Re setting Filter	Yes / No Yes / No Yes / No			
Air Inlet Temp. oC (T1) Grill Temp. oC (T2) Features Explanations Cool mode Dry Mode Fan Mode Turbo / Quick Cool	Yes / No Yes / No Yes / No	Dim function Around U Filter Cleaning method Re setting Filter cleaning LED	Yes / No Yes / No Yes / No Yes / No			
Air Inlet Temp. oC (T1)  Grill Temp. oC (T2)  Features Explanations  Cool mode  Dry Mode  Fan Mode  Turbo / Quick Cool  Sleep mode	Yes / No Yes / No Yes / No Yes / No	Dim function Around U Filter Cleaning method Re setting Filter cleaning LED Power Saver	Yes / No			
Air Inlet Temp. oC (T1)  Grill Temp. oC (T2)  Features Explanations  Cool mode  Dry Mode  Fan Mode  Turbo / Quick Cool  Sleep mode  Swing	Yes / No	Dim function Around U Filter Cleaning method Re setting Filter cleaning LED Power Saver 6th Sense	Yes / No			
Air Inlet Temp. oC (T1)  Grill Temp. oC (T2)  Features Explanations  Cool mode  Dry Mode  Fan Mode  Turbo / Quick Cool  Sleep mode  Swing	Yes / No	Dim function Around U Filter Cleaning method Re setting Filter cleaning LED Power Saver 6th Sense Temperature setting	Yes / No			
Air Inlet Temp. oC (T1)  Grill Temp. oC (T2)  Features Explanations  Cool mode  Dry Mode  Fan Mode  Turbo / Quick Cool  Sleep mode  Swing  Timer setting	Yes / No	Dim function Around U Filter Cleaning method Re setting Filter cleaning LED Power Saver 6th Sense Temperature setting	Yes / No			
Air Inlet Temp. oC (T1)  Grill Temp. oC (T2)  Features Explanations  Cool mode  Dry Mode  Fan Mode  Turbo / Quick Cool  Sleep mode  Swing  Timer setting  Grill and Plastic parts beyond 15 days from the Date of	Yes / No	Dim function Around U Filter Cleaning method Re setting Filter cleaning LED Power Saver 6th Sense Temperature setting	Yes / No			
Air Inlet Temp. oC (T1)  Grill Temp. oC (T2)  Features Explanations  Cool mode  Dry Mode  Fan Mode  Turbo / Quick Cool  Sleep mode  Swing  Timer setting  Grill and Plastic parts beyond 15 days from the Date of Note: Manufacturer absolve all liability, if following s  A ) Faulty / Sub Standard Wiring  B) Filter cleaning	Yes / No Of Purchase are of	Dim function  Around U  Filter Cleaning method Re setting Filter cleaning LED  Power Saver 6th Sense  Temperature setting  e not coverd under warra coserved by Service Engir C) Stabilizer ( NWPL) De	Yes / No			
Air Inlet Temp. oC (T1)  Grill Temp. oC (T2)  Features Explanations  Cool mode  Dry Mode  Fan Mode  Turbo / Quick Cool  Sleep mode  Swing  Timer setting  Grill and Plastic parts beyond 15 days from the Date of Note: Manufacturer absolve all liability, if following signs and planting signs and planting signs and planting signs are setting.	Yes / No Of Purchase are of ituations are of	Dim function Around U Filter Cleaning method Re setting Filter cleaning LED Power Saver 6th Sense Temperature setting e not coverd under warra coserved by Service Engin C) Stabilizer ( NWPL) De	Yes / No N			
Air Inlet Temp. oC (T1)  Grill Temp. oC (T2)  Features Explanations  Cool mode  Dry Mode  Fan Mode  Turbo / Quick Cool  Sleep mode  Swing  Timer setting  Grill and Plastic parts beyond 15 days from the Date of Note: Manufacturer absolve all liability, if following s  A) Faulty / Sub Standard Wiring  B) Filter cleaning In case above situations are noticed by Service Engin	Yes / No Of Purchase are of ituations are of	Dim function Around U Filter Cleaning method Re setting Filter cleaning LED Power Saver 6th Sense Temperature setting e not coverd under warra pserved by Service Engin C) Stabilizer ( NWPL) De D) Re Demo fr from DOP), Visit charg	Yes / No N			
Air Inlet Temp. oC (T1) Grill Temp. oC (T2) Features Explanations  Cool mode Dry Mode Fan Mode Turbo / Quick Cool Sleep mode Swing Timer setting  Grill and Plastic parts beyond 15 days from the Date of the Note: Manufacturer absolve all liability, if following s A) Faulty / Sub Standard Wiring B) Filter cleaning In case above situations are noticed by Service Enging the customer, over and above the the other repairing	Yes / No Of Purchase are of ituations are of	Dim function Around U Filter Cleaning method Re setting Filter cleaning LED Power Saver 6th Sense Temperature setting e not coverd under warra pserved by Service Engin C) Stabilizer ( NWPL) De D) Re Demo fr from DOP), Visit charg	Yes / No  nty neer. efective  es of Rs 200.00 will be payable by the process			
Air Inlet Temp. oC (T1) Grill Temp. oC (T2) Features Explanations  Cool mode Dry Mode Fan Mode Turbo / Quick Cool Sleep mode Swing Timer setting  Grill and Plastic parts beyond 15 days from the Date of the Note: Manufacturer absolve all liability, if following s A) Faulty / Sub Standard Wiring B) Filter cleaning In case above situations are noticed by Service Enging the customer, over and above the the other repairing	Yes / No Of Purchase are of ituations are of	Dim function Around U Filter Cleaning method Re setting Filter cleaning LED Power Saver 6th Sense Temperature setting e not coverd under warra pserved by Service Engin C) Stabilizer ( NWPL) De D) Re Demo fr from DOP), Visit charg	Yes / No  nty neer. efective  es of Rs 200.00 will be payable by the process			

# Installation commissioning

	Sr. no.	Check points	Observations	Remarks
	1	Machine checked for damages. Damages observed	Yes/No	If yes provide details
	2	Remove hand unit from IDU	Yes/No	
	3	Remove Fibre tapes from the front cover	Yes/No	
45	4	Is the strength of installation enough(both IDU & ODU)	Yes/No	
Ž	5	Direction of condensor of machine is towards	North/South/West/East	
UNPACKING		The unit is secured fixed with hanger plate		
١×		·		
ΙŽ	6		Yes/No	
-	"		1 63/110	
		Bredth wise level & Depthwise inclination of room air conditioner are normal		
	7		Yes/No	
	'		f es/No	
		and we air looks is in the drain nine		
		and no air locks is in the drain pipe		
				<u> </u>
	8		Yes/No	
			1 55/115	
		The board of the control of the cont		
		The heat insulative material is securely attached on the connections of the		
		pipings of the IDU.		
		Put putty to close piping hole inside & outside of the wall to avoid air leakage		
	9		Yes/No	
L C				
atio				
l a∥		There is no obstacles about the air outlets		
installation				
	10		Yes/No	
		Gas Leakage is checked at each of the pipe connections		
	11	The voltage at the exclusive power outlet is with in the range of rated voltage		
		+/-10%	Yes/No	Always use voltage stabliser
		Is the fuse and wire gauge used are the of following specification.		
		mile gaage about all all of following epochiodism.		
	12			
			Yes/No	
				L

## Whirlpool of India Ltd.

### Installation / Demo Check Sheet - Air conditioner

Customer & Machine details					
Date of Inspection		Branch			
Customer Name & Address		SP Name			
		Model No			
		Date of Purchase(DOP)			
		Machine Sr no			
Phone no		IDU Sr No.			
Mobile No		ODU Sr No.			
Purchased from ( Dealer Name)		Installed By ( Installer's Name)			
SSD / TP / Modern Trade / Institutional sale / Others		SSD / TP / SP / Local			
Installation Conditions ( SAC)					
IDU Location	Ok / Not Ok	ODU location			
IDU level ( Check with Sprit level)	Ok / Not Ok	Length of Copper pipe	Ok / Not Ok		
Drain Pipe slope	Ok / Not Ok	Distance Between IDU &	ODU		
Electrical & Other detail					
Condition of House Wiring	Amp	Stabilizer	Yes / No		
MCB Rating		Make			
Earthing conditions		Stabilizer Input	Volts		
If Voltage between E & N is < 10 V Advise	_				
Customer to consult an electrician	_	Stabilizer Output Ampers Drawn	Volts		
PERFORMANCE ( RUN MACHINE FOR 30MINUTES	& CHEC				
Ambient Temp of		DoltaT= T1-T2 o	should be approx 8 To 12oC		
Ambient Temp. oC		DeltaT= T1-T2 s	should be approx. 8 To 12oC		
Air Inlet Temp. oC (T1)		DeltaT= T1-T2 s	should be approx. 8 To 12oC		
Air Inlet Temp. oC (T1) Grill Temp. oC (T2)		DeltaT= T1-T2 s	should be approx. 8 To 12oC		
Air Inlet Temp. oC (T1)  Grill Temp. oC (T2)  Features Explanations					
Air Inlet Temp. oC (T1)  Grill Temp. oC (T2)  Features Explanations  Cool mode	Yes / No	Dim function	Yes / No		
Air Inlet Temp. oC (T1)  Grill Temp. oC (T2)  Features Explanations  Cool mode  Dry Mode	Yes / No	Dim function Around U	Yes / No Yes / No		
Air Inlet Temp. oC (T1)  Grill Temp. oC (T2)  Features Explanations  Cool mode		Dim function Around U Filter Cleaning method	Yes / No		
Air Inlet Temp. oC (T1)  Grill Temp. oC (T2)  Features Explanations  Cool mode  Dry Mode	Yes / No	Dim function Around U	Yes / No Yes / No		
Air Inlet Temp. oC (T1)  Grill Temp. oC (T2)  Features Explanations  Cool mode  Dry Mode  Fan Mode	Yes / No Yes / No	Dim function Around U Filter Cleaning method Re setting Filter	Yes / No Yes / No Yes / No		
Air Inlet Temp. oC (T1) Grill Temp. oC (T2) Features Explanations Cool mode Dry Mode Fan Mode Turbo / Quick Cool	Yes / No Yes / No Yes / No	Dim function Around U Filter Cleaning method Re setting Filter cleaning LED	Yes / No Yes / No Yes / No Yes / No		
Air Inlet Temp. oC (T1)  Grill Temp. oC (T2)  Features Explanations  Cool mode  Dry Mode  Fan Mode  Turbo / Quick Cool  Sleep mode	Yes / No Yes / No Yes / No Yes / No	Dim function  Around U  Filter Cleaning method Re setting Filter cleaning LED  Power Saver	Yes / No		
Air Inlet Temp. oC (T1) Grill Temp. oC (T2) Features Explanations Cool mode Dry Mode Fan Mode Turbo / Quick Cool Sleep mode Swing	Yes / No	Dim function Around U Filter Cleaning method Re setting Filter cleaning LED Power Saver 6th Sense	Yes / No		
Air Inlet Temp. oC (T1) Grill Temp. oC (T2) Features Explanations Cool mode Dry Mode Fan Mode Turbo / Quick Cool Sleep mode Swing	Yes / No	Dim function Around U Filter Cleaning method Re setting Filter cleaning LED Power Saver 6th Sense Temperature setting	Yes / No		
Air Inlet Temp. oC (T1)  Grill Temp. oC (T2)  Features Explanations  Cool mode  Dry Mode  Fan Mode  Turbo / Quick Cool  Sleep mode  Swing  Timer setting	Yes / No	Dim function Around U Filter Cleaning method Re setting Filter cleaning LED Power Saver 6th Sense Temperature setting	Yes / No		
Air Inlet Temp. oC (T1) Grill Temp. oC (T2) Features Explanations Cool mode Dry Mode Fan Mode Turbo / Quick Cool Sleep mode Swing Timer setting  Grill and Plastic parts beyond 15 days from the Date	Yes / No	Dim function Around U Filter Cleaning method Re setting Filter cleaning LED Power Saver 6th Sense Temperature setting	Yes / No		
Air Inlet Temp. oC (T1) Grill Temp. oC (T2) Features Explanations Cool mode Dry Mode Fan Mode Turbo / Quick Cool Sleep mode Swing Timer setting  Grill and Plastic parts beyond 15 days from the Date Note: Manufacturer absolve all liability, if following s A) Faulty / Sub Standard Wiring B) Filter cleaning	Yes / No Of Purchase are of	Dim function Around U Filter Cleaning method Re setting Filter cleaning LED Power Saver 6th Sense Temperature setting e not coverd under warranceserved by Service Engine C) Stabilizer ( NWPL) De	Yes / No fective		
Air Inlet Temp. oC (T1) Grill Temp. oC (T2) Features Explanations Cool mode Dry Mode Fan Mode Turbo / Quick Cool Sleep mode Swing Timer setting  Grill and Plastic parts beyond 15 days from the Date Note: Manufacturer absolve all liability, if following s A) Faulty / Sub Standard Wiring	Yes / No of Purchase are of ituations are of the purchase are o	Dim function  Around U  Filter Cleaning method Re setting Filter cleaning LED  Power Saver 6th Sense  Temperature setting  e not coverd under warranceserved by Service Engine C) Stabilizer ( NWPL) De D) Re Demo	Yes / No Tes / No Yes / No N		
Air Inlet Temp. oC (T1)  Grill Temp. oC (T2)  Features Explanations  Cool mode  Dry Mode  Fan Mode  Turbo / Quick Cool  Sleep mode  Swing  Timer setting  Grill and Plastic parts beyond 15 days from the Date of Note: Manufacturer absolve all liability, if following states A) Faulty / Sub Standard Wiring  B) Filter cleaning In case above situations are noticed by Service Engine	Yes / No of Purchase are of ituations are of the purchase are o	Dim function Around U  Filter Cleaning method Re setting Filter cleaning LED Power Saver 6th Sense Temperature setting  e not coverd under warranceserved by Service Engine C) Stabilizer ( NWPL) De D) Re Demo for from DOP), Visit chargelicable, incurred during to	Yes / No Tes / No Yes / No N		
Air Inlet Temp. oC (T1) Grill Temp. oC (T2) Features Explanations  Cool mode Dry Mode Fan Mode Turbo / Quick Cool Sleep mode Swing Timer setting  Grill and Plastic parts beyond 15 days from the Date Note: Manufacturer absolve all liability, if following s A) Faulty / Sub Standard Wiring B) Filter cleaning In case above situations are noticed by Service Engir the customer, over and above the the other repairing	Yes / No of Purchase are of ituations are of the purchase are o	Dim function Around U  Filter Cleaning method Re setting Filter cleaning LED Power Saver 6th Sense Temperature setting  e not coverd under warranceserved by Service Engine C) Stabilizer ( NWPL) De D) Re Demo for from DOP), Visit chargelicable, incurred during to	Yes / No  The control of the payable by the process		
Air Inlet Temp. oC (T1) Grill Temp. oC (T2) Features Explanations  Cool mode Dry Mode Fan Mode Turbo / Quick Cool Sleep mode Swing Timer setting  Grill and Plastic parts beyond 15 days from the Date Note: Manufacturer absolve all liability, if following s A) Faulty / Sub Standard Wiring B) Filter cleaning In case above situations are noticed by Service Engir the customer, over and above the the other repairing	Yes / No of Purchase are of ituations are of the purchase are o	Dim function Around U  Filter Cleaning method Re setting Filter cleaning LED Power Saver 6th Sense Temperature setting  e not coverd under warranceserved by Service Engine C) Stabilizer ( NWPL) De D) Re Demo for from DOP), Visit chargelicable, incurred during to	Yes / No  The control of the payable by the process		

# Installation commissioning /

	Sr. no.	Check points	Observations	Remarks
	1	Machine checked for damages. Damages observed	Yes/No	If yes provide details
	2	Remove hand unit from IDU	Yes/No	
	3	Remove Fibre tapes from the front cover	Yes/No	
		·	i	
9	4	Is the strength of installation enough(both IDU & ODU)	Yes/No	
₹	5	Direction of condensor of machine is towards The unit is secured fixed with hanger plate	North/South/West/East	
UNPACKING	6	The unit is secured fixed with hanger plate	Yes/No	
		Bredth wise level & Depthwise inclination of room air conditioner are normal		
	7	and no air locks is in the drain pipe	Yes/No	
	8	The heat insulative material is securely attached on the connections of the pipings of the IDU.  Put putty to close piping hole inside & outside of the wall to avoid air leakage	Yes/No	
installation	9	There is no obstacles about the air outlets	Yes/No	
	10	Gas Leakage is checked at each of the pipe connections	Yes/No	
	11	The voltage at the exclusive power outlet is with in the range of rated voltage +/-10%  Is the fuse and wire gauge used are the of following specification.	Yes/No	Always use voltage stabliser
	12			
			Yes/No	

# WHIRLPOOL SERVICE



## You may call us at:-

For private subscribers:-

60008558\*

For BSNL & MTNL Landline subscribers:-

18601804558

\* Prefix your STD Code

Or may lodge a Service Request directly on our website at:-

www.magicare.in

Or email us on :-

helpdeskindia@whirlpool.com

or write to us:

Head-corporate Consumer Cell Whirpool of india Ltd. #28 N.I.T. Faridabad - 121001(Haryana)



#### Air Conditioner Disposal

By ensuring this product is disposed of correctly, you will help avoid potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product.

The Symbol on the product or on the documents accompanying the product, indicates that this appliance may not be treated as household waste. Instead it shall be handed over to the authorized collection center for the recycling of electrical and electronic equipment waste generated at the end of life of the product. Disposal must be carried out in accordance with local environmental regulations for e-waste disposal, which mandate channelization of e-waste to authorized collection center's) or registered dismantler(s) or recycler(s) or returned to the pick-up or take back services provided by the manufacturer.

For more detailed information about treatment, recovery, disposal and recycling of this product, please call @ 60008558\* (for private subscribers) & 18601804558 (for BSNL & MTNL subscribers) or please visit www.whirlpoolindia.com

\* Prefix your city STD code

#### **Declaration on Hazardous Substances: EWaste Rules**

Some components used in manufacturing this Air Conditioner contain low content of some substances classified as hazardous, according to EWaste Rules published by the Government of India. These do not pose any risk to the conditioning of air inside the room. Nor does physical contact with the Air Conditioner during the life of the product endanger health or safety to humans or any living creature. However, if the Air Conditioner is not disposed safely at the end of its life, inappropriate handling of waste may pose risks to health and environment. Hence, it is our advice that you contact Whirlpool when you are ready to discard the product so that we can channelize the appliance and its components for safe disposal.