









# **GREEN INVERTER AC**

WITH 5.2 ISEER\*

Split Air Conditioner

Wall - mounted

For Free Installation Contact: 1800-209-5511

Protection of Environment:

"Protection of environment" is one of the core values of Godrej and we seek your co-operation to make sure that this product is not disposed as unsorted municipal waste.



This symbol is known as the "Crossed-out Wheelie Bin Symbol". It means that the product should not be disposed of with your general house-hold waste. It should be disposed of only through the company's collection centers with special treatment so as to

prevent any damage to the environment. Please call: **1800 209 5511** or visit www.godrejappliances.com/green-think for details about Godrej Appliances authorized collection centers.

Godrej & Boyce Mfg. Co. Ltd. - Appliance Division, Plant 11, Pirojshanagar, Vikroli (W), Mumbai 400 079. Disclaimer - Images shown in manual are representative actual product may vary.

### **OWNER'S MANUAL**



### Notes:

Dear Customer,

On behalf of Godrej Appliances, we welcome you to the Godrej family, and thank you for giving us an opportunity to serve you.

Godrej Appliances is a leading brand not just in technology and performance but also for its excellent customer service, we have more than 550 service centers across India, so that we can be close to our customers and serve them better.

In order to get the maximum out of your superior Air Conditioner, we urge you to go through this detailed user manual, if you need any assistance at any time, do not hesitate to call us on 1800 123 5511 or write to us at smartcare@godrej.com

We again thank you for giving us the privilege to serve you, and look forward to a long and delightful association.

Warm Regards, Team Godrej

(48)

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# Performance Parameters

MODEL NAME		GIC 18 CAH 5 GWQG
OPERATING MODE		Cooling
RATED VOLTAGE		230 V
RATED FREQUENCY/PHASE		50 hz / 1 Phase
COOLING CAPACITY		5300 W
RATED POWER INPUT		1380 W
RATED INPUT CURRENT		6.7 A
REFRIGERANT		R290
REFRIGERANT CHARGE		0.340 kg
AIR FLOW VOLUME		1100 CMH
WEIGHT	IDU	16.5 kg
	ODU	30 kg

# WARRANTY AIR CONDITIONER

- 8. Company will not be liable for any consequential loss or compensation nor refund of purchase price nor replacement of the Air Conditioner.
- 9. Customer must ensure the routine maintenance including cleaning of filter etc. for proper operation.
- 10. Any change in location/damages on handling will be serviced at extra material and labor cost.
- 11. While Company would take all necessary steps to repair the Air Conditioner supplied under the warranty and keep sufficient stock of the spare parts of the Air Conditioner with them, however, in certain cases, at the sole discretion of the Company, the Company may due to non-availability of spare parts of the Air Conditioner not being repaired by the Company, offer a replacement scheme to the purchasers of such Air Conditioner which cannot be repaired due to non-availability of spare parts of the Air Conditioner, purchased under the warranty, the Company would offer a replacement of the Air Conditioner. The details of the replacement offer is subject to change from year to year and shall also be applicable on the MRP of the product to be purchased as a replacement.
- 12.Two (2) free preventive maintenance service (labour only) will be provided to the customer during first year warranty period. To avail these free services customer has to register the call at the call center number 1800 209 5511. After expiry of 12 (twelve) months from date of purchase company is not liable for any free service.

### Godrej & Boyce Mfg. Co. Ltd.- Appliance Division CUSTOMER COPY



#### DATE OF PURCHASE:

DEALER'S NAME & ADDRESS
TEL

#### Customer's Signature:

#### This warranty is valid only if it is filled in and stamped by our authorized dealer on the date of purchase. Warranty Voids If:

1. The warranty card is not completed properly at the time of purchase. 2. The completed warranty card is not presented to the authorized personnel at the time of service of the product. 3. The Air Conditioner is not operated and maintained according to instructions given in the 'User Guide'. 4. Defects are caused by improper use, which shall be determined by the company personnel. 5. Unauthorized persons carry out any repair work. 6. Defects are caused by reasons beyond control, like abnormal voltage (exceed 253 V or below 207 V), acts of God, or while in transit to service center or purchaser's residence. 7. The warranty is not valid in case the serial number is deleted, defaced or altered. 8. Damage to the Air Conditioner or any parts due to transportation or shifting is not covered by the warranty. 9. The warranty automatically expires after the stipulated period from the original date of purchase, even if the Air Conditioner may not be in use for any time for whatever reasons.



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### Warranty Air Conditioner

The Godrej Air Conditioner comes with a FIVE year warranty on compressor and a ONE year warranty on all other parts (except grill & plastic parts) from the date of purchase, against defective material or workmanship. In case of any such defect found during the first year from date of purchase, Godrej & Boyce Mfg. Co. Ltd. - Appliance Division will undertake repairs to the warranted part free of charge, subject to terms and conditions below. In the warranty period beyond the first year from date of purchase, only the compressor will be provided free of cost, when necessary. However, the Air Conditioner will repaired on payment of necessary charges. The warranty does not cover the demonstration/installation of the Air Conditioner.

### **INSTRUCTIONS FOR THE CUSTOMER**

- 1. Kindly ensure that the dealer fills the warranty card correctly and completely.
- 2. You should retain the warranty card for record and produce the same in the event of any warranty repairs.
- 3. In the event of a defect developing in the product, contact the nearest authorized Godrej & Boyce Service Center for obtaining warranty service and inform the defect, Model details & Serial No.
- 4. Product will function between +/-10% of rated volts at 50Hz. For any fluctuation beyond specified limit, company shall not be responsible and warranty stands terminated.
- 5. In areas where voltage fluctuates below 10% of rated voltage, customer is advised to use a voltage stabilizer which steps up voltage to a minimum of 190V.
- 6. Earthing provision is necessary for safety. Improper domestic wiring leading to hazards such as shock or fire is not covered under this warranty.
- 7. The product must be maintained to ensure hygiene. If there are any insects or rodents in it causing obstruction to the functioning of the product, the company shall not be responsible and in-turn warranty stands terminated.

### **TERMS AND CONDITIONS**

- 1. Repairs and replacement will be carried out by the companies authorized service centers or through authorized dealer's service center.
- 2. All transportation and handling expenses incurred while repairing will be payable by the customer in advance.
- 3. For any Air Conditioner installed beyond the municipal limits of the jurisdiction of the authorized customer service center, charges towards technician's visit will be borne by the customer
- 4. While the company will make every effort to carry out the repairs at the earliest, it however is made expressly clear that the company is under no obligation to do so in a specified period of time.
- 5. The company will retain any part(s), compressor and/or other components when replaced at its discretion.
- 6. Warranty does not cover accessories to the Air Conditioner.
- 7. Refrigeration system, gas charging and consumables will be charged for any such repairs after one year from the date of purchase.

### Contents

Ор	eration And Maintenance		
	Operation Guidelines		
	Usage Guidelines	3	
	Name And Function Of Each Part	4	4
	Operation of Wireless Remote Control	5	
	GODREJ NXW AC Wi-Fi Mobile Application	10	
	Know Your Air Conditioner	28	
	Indication Lamp	30	
	Emergency Switch Operation	30	
	If it happens, It is not a problem	31	
	Fault Indication	32	
	Clean And Care	33	
	Troubleshooting	35	
Ins	tallation & Service		
	Installation Guidelines	38	
	Dimension Diagram For Installation	40	
	Installation of Indoor Unit	41	
	Installation of Outdoor Unit	43	
	Installation And Maintenance of Health Filters	44	

This symbol stands for the things that should be strictly avoided.

This symbol stands for the things that should be followed

Thank you for choosing Godrej air conditioner. Please read this owner's manual carefully before operating the unit and keep it carefully for consultation.

The products shown in this manual may be different from the one bought by you. Please refer to the model bought by you for its looks and the position, shape and size of the displayer.

This appliance is not intended for use by individuals (including children) with reduced physical, 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 responsible for their safety.

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



Do not dispose this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary.

GODREJ & BOYCE MFG. CO. LTD Appliance Division

For any further assistance, please contact our nearest branch office or service centre:

	GODREJ & BOYCE MFG. CO. LTD., Appliances Division	
Branch	Address	Telephone No.
Ahmedabad	Godrej & Boyce Mfg. Co. Ltd. Appliance Division, 4th oor, apm shopping mall,Near IOCL petrol pump, shyamal-karnavati, 100ft road, satellite, ahmedabad-380015	°
Bangalore & Hubli	The Ka mataka Film Chamber of Comm ace Building 1/2/3rd Floor, #28, 1st Main CreasantRoad, High Grounds, Bengaluru-56000 1	
Bhopal	Godrej & Boyce Mfg. Co. Ltd, Appliance Division 217, ZONE I, MP NAGAR, BHOPAL-462011	
Bhubaneshwar	Highway Complex, NH 5, Rudrapur, PO Pahala, Bhubaneswar - 752101	
Calicut	Mr. Aditya N/V Venkatraman, Godrej and Boyce Mft. Co. ltd., Premises : 22/1014 E , Near IOC petrol pump , Makaavu Bye pass , thiruvannur , West Mankaavu , Calicut : - 673029	
Chandigarh/Mohali	odrej & Boyce Mfg. Co. Ltd. Appliance Division, Plot No. A-40, Phase VIII A, Industrial Area, Mohali- 160 059 (PB)	
Chennai	Godrej & Boyce Mfg. Co. Ltd. Appliance Division, No.1, SIDCO Industrial Estate, Ambattur, Chennai – 600 098	
Coimbatore	Godrej & Boyce Mfg. Co. Ltd, Appliance Division No. 585-590 3rd Floor, Sathya Towers, DB Road, RS Puram, Coimbatore - 641002	
Delhi & Faridabad	Godrej & Boyce Mfg. Co. Ltd. Appliance Division GODREJ BHAWAN, SHER SHAH SURI MARG, MATHURA ROAD, OKHLA, NR. OKHLA RLY. STN. NEW DELHI - 110 065.G	
Ghaziabad	Godrej & Boyce Mfg Co. ltd., Plot No. 229/230, Sardar Pashu Ahaar, Bulandshahar Road, Village- chaprolla, Ghaziabad	Call
Guwahati	Basundhara Enclave, 1st & 2nd Floor, Ulubari, Near BJP Office, Guwahati – 781007	(Toll-Free)
Hyderabad	Godrej & Boyce Mfg Co. Ltd 2nd Floor, 201 & 202, Lala-1 Landmark Building, M.G Road, Secundrabad: 500003	
Jaipur	Godrej & Boyce Mfg Co Ltd 502-506, Gaurav Tower-1, Malviya Nagar, Jaipur-302017	
Kochi	Godrej and Boyce mfg co ltd, 2nd oor, Angels Arcade, South Kalamasserry, Near CUSAT PO, Kochi – 682022	
Kolkata	Plot – 30, Block – GN, Sector – V, Near Swastha Bhawan, Saltlake City, Kolkata – 700091	
Lucknow	Godrej & Boyce Mfg. Co. Ltd, Appliance Division C-3/3 & C-3/4, Sanjay Complex, Near All India Radio, Vidhan Sabha Marg, Lucknow-226001	
Mumbai	Godrej & Boyce Mfg. Co. Ltd. Appliance Division Plant-4A, Pirojshanagar, Vikhroli, Mumbai-400 079	
Nagpur	Godrej & Boyce Mfg. Co. Ltd. 2nd Floor, Bhivapurkar Chambers, Opp. Yashwant Stadium, Dhantoli, Nagpur - 440012	
Patna	Godrej & Boyce Mfg. Co. Ltd, Appliance Division, Grand Plaza 6th Floor, 6001-6004, Dakbunglow Crossing. Frazer Road. Patna-800001	
Pune	Godrej & Boyce Mfg. Co. Ltd. Appliance Division Apollo Square building, Plot No 60, Survey No 599/A, CTS NO: 3638, Sahaney Sujan Park, Lulla Nagar,Pune-411 040	
Raipur	Godrej & Boyce Mfg. Co. Ltd, Appliance Division 9/1 Mahoba Bazaar, GE road, Raipur – 492099, Chhatisgarh	
Ranchi	Godrej & Boyce Mfg. Co. Ltd, Appliance Division Pandra, Near Krishi Bazar Samiti, PO Kamre, Ranchi – 835222	

Website: www.godrejappliances.com & www.godrejsmartcare.com E-mail: smartcare@godrej.com

(45)

# Installation and Maintenance of Health Filter

### Installation Instructions

- Pull the front panel to a specific angle from its two ends according to the arrow direction. Then pull the air filter downwards to remove it. (See Fig.a)
- Mount the health filter onto the air filter.(as shown in Fig.b). If the air filter cannot be installed, please mount the health filter on the front case. (as shown in Fig.c)
- Mount the air filter properly along the arrow direction in Fig.d, and then close the panel cover.









#### **Cleaning and Maintenance**

• Take out the health filter before cleaning and reinstall it after cleaning according to the installation instruction. Pay special attention 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 health filter. If the graphics provided herein is different from the physical goods, the latter one shall prevail. The quantity of health filters shall be based on the actual delivery.



# Please consult our company's authorised service provider for the same Don't leave windows and doors open for a long time while operating the air conditioner.

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The air conditioner must be

arounded. Improper arounding

may result in electric shock

It can decrease the air conditioning capacity.

Please note whether the installed stand is firm enough or not.

If it is damaged, it may lead to the

fall of the unit and may cause injury.

It can decrease the air conditioning capacity or cause a malfunction.

**Operation and maintenance-Operational Guidelines** 

Be sure to pull out the power plug

when not using the air conditioner

Otherwise, the accumulated dust

Don't block the air intake or outlet

vents of both the outdoor and

may cause fire or electric shock.

for a long time

indoor units.

Don't step on the top of the outdoor unit or place something on it.





As falling off the outdoor unit can

Select the most appropriate temperature.







It can cause a fire or explosion.

Don't attempt to repair the air conditioner by yourself.



The wrong repair will lead to an electric shock or fire. You should contact our authorised center for repair

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# **Operational Guidelines**



## Installation of outdoor unit

### **Electric wiring**

- Disassemble the handle on the outdoor unit right side plate.
- Take off cord anchorage. Connect and fix power connect cord to the terminal block.
- Fix the power connection cable with cord anchorage.
- Ensure wire has been fixed well.
- Install the handle.



### NOTE:

- Wrong wiring may cause spare parts malfunction.
- After the cable fixed, make sure there should be a free space between the connection and fixing place on the lead wire.

### Air purging and leakage test

- Connect charging hose of manifold valve to charge end of low pressure valve (both high/low pressure valves must be tightly shut).
- Connect joint of charging hose to vacuum pump.
- Fully open handle of Lo manifold valve
- 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 millimeter is 0) Then tighten the nut.
- Keep evacuating for more than 15 mins and make sure the reading of pressure gauge is -1.0 X10<sup>5</sup>pa (-76cmHg).
- Fully open high/low pressure valves.
- Remove charging hose from charging end of low pressure valve.
- Tighten the nut of low-pressure valve. (As shown in Fig.10)



### Installation of indoor unit

### NOTE:

When connecting the electric wire if the wire length is not enough, please contact the authorized service shop and buy an exclusive electric wire that is long enough and has no joints.

- The electric wiring must be correctly connected, wrong connection may cause machine malfunction.
- Tighten the terminal screw in order to prevent loose connection. After tightening the screw, slightly pull the wire and confirm whether it is firm or not.
- If the earthing wire is not connected properly, it may cause electric shock.
- The cover plate must be fixed. Tighten the connection wire, if it is poorly installed, then the dust, moisture may enter in or the connection terminal may get affected by the outside force, and may 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, it is necessary to cut off the tailings from the chassis (Shown in Fig.7)
  - Cut off the tailings 1 when routing the wiring only;Cut off the tailings 1 and tailings 2 when routing both
- the wiring and piping.
- Take out the piping from body case, wrap the piping electric wire, water pipe with tape and pull them through the piping hole (As show in Fig.8)
- Hang the mounting slots of the indoor unit on the upper tabs of the rear panel and check if it is firm enough.(As show in Fig.9)
- The height of the installed location should be 2. m or more from the floor.

#### Install the connection pipe

- 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 torgue wrench refer to the following:

Hex nut diameter	Tightening torque (N.m)
Φ6	15~20
Φ 9.52	31~35
Φ 12	50~55
Φ 16	60~65
Φ 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.

# Usage Guidelines

### Working principle and special functions for cooling

### **Principle:**

The air conditioner absorbs heat in the room, transmits and discharges it outside resulting in the decrease in ambient temperature. Its cooling capacity will increase or decrease depending on the outdoor ambient temperature.

### **Anti-freezing function:**

If the unit is running in COOL mode and in low outdoor ambient termperature, there will be frost formation on the heat exchanger. When indoor heat exchanger temperature decreases below 0°c, the indoor unit microcomputer will stop the compressor running and protect the unit.



Tailing 2

Finally wrap 1

eft rea

Fig 8

Fig.7





# Name and function of each part



# Installation of indoor unit

### Install the rear panel

- Always mount the rear panel horizontally. Due to the water tray of indoor unit has been adopted the both-way drainage design, the outlet of water tray should be adjusted slightly down when installing, that is taking the outlet of the water tray as the center of a circle, the included angle between the evaporator and level should be 0 or more, that is good for condensing water drainage.
- Fix the rear panel on the wall with screws. (Where is pre-covered with plastic granula)
- Be sure that the rear panel has been fixed firmly enough to withstand the weight of an adult of 60kg, further more, the weight should be evenly shared by each screw.



#### Install the piping hole

- Make the piping hole (Φ55) in the wall at a slight downward slant to the outdoor side.
- Insert the piping-hole sleeve into the hole to prevent the connection piping and wiring from being damaged when passing through the hole.



### Install the water drainage pipe

- For well draining, the drain hose should be placed at a downward slant.
- Do not wrench or bend the drain hose or flood its end by water.
- When the long drainage hose passing through indoor, should wrap the insulation materials.

### Connect indoor and outdoor electric wires

- Open the surface panel.
- Remove the wiring cover Fig.6.
- Connect the inter connection cord to the terminal block, and then fix the cord with cord anchorge.
   Reassemble the
  - Reassemble the clamp and wiring cover.





(41)



# Operation of wireless remote control

### Names and functions of wireless remote control

**Note:** Be sure that there are no obstructions between receiver and remote hand set; Don't drop or throw the remote hand set; Don't let any liquid in the remote control and don't put the remote control directly under the sunlight or any place which is very hot.



**Remote Hand Set** 

**ON/OFF** button

MODE button

'SET TEMP' at 25°C.

∧ AUTO

∦ COOL

C DRY

SF FAN

only appliance.

Press this button, the unit will be turned

turned off. When turning on or turning off the unit, the Timer, Sleep function will be cancelled, but the preset time will remain

Press this button, Auto, Cool, Dry, Fan mode

can be selected circularly. Under auto

·^**-@-**..-%

NOTE: Please do not select HEAT mode if the

machine you purchased is cooling only type.

Heat mode is not supported by the cooling

mode, the unit will automatically set

on, press it once more, the unit will be

### SLEEP button

By pressing this button, Sleep On and Sleep off can be selected. By default, the function will be cancelled automatically in Eight hours. After sleep function is set up, the icon of 'Sleep' will be displayed. This function is only available during COOL mode.

When air conditioner is in sleep operation the indoor temp. will increase 1°C in one hour and 1°C more in next three hour.

### FAN button

By pressing this button, Low, Middle, High Auto, speed can be circularly selected.

se====Low fan se=======■Middle fan

S========== High fan

**NOTE:** Under the Dry mode, the fan speed isn't adjustable, low fan speed is imperative.

### LOCK button

When you press the LOCK button (3-5 sec.), all current settings are locked and the icon will be displayed on it. Remote controller does not accept any operation except that of the LOCK. Press again to cancel the LOCK mode. If the keypad is unlocked, the mark will disappear.

### DISPLAY button

Press this button to clear the digit display in the air conditioner, press it again to activate it (Not available for the units without LED display window).

When indoor display is ON  $\dot{\Psi}$  will appear on the remote control & when indoor display is off  $\Psi$  will not appear on the remote.

(5)



### Operation of wireless remote control

#### Names and functions of wireless remote control

**Notice:** This is a general use remote hand set, It could be used for the air conditioners with multifunction For some function, which the model doesn't have, pressing the corresponding button on the remote hand set will have no effect on its running status.



#### **BLOW** button

Press this button, to turn on or turn off the drying. If bad odour is coming from air conditioner, press BLOW button on the remote handset. This function will keep indoor fan at super high fan speed for 5 minutes, after air conditioner is turn OFF. The indication of minutes will display on displayer.

#### It works in two ways:

1)If air conditioner is in operation, and you press BLOW button in COOL and DRY mode, the blower will run at high speed for 5 min. after air conditioner is turned OFF. The decremented time will indicate on display.

2)Press BLOW button when air conditioner is OFF, indoor fan will run at high speed for 5 min. and decremented time will indicate on display.

# Note: It is recommended to use BLOW function when AC is OFF.

This function helps to keep the indoor coil dry and prevent dust and mold accumulation. Also the growth of bacteria in indoor coil due to moisture is reduced.

#### TURBO button

Push this button to activate/cancel the Turbo function which enables the unit to reach the preset temperature in the shortest time. On cooling mode, the unit will blow strong cooling air with super high fan speed. By default, this function will cancel in one hour.

### + button

For presentting temperature increase: Press this button, to increase the temperature, when unit is on. In AUTO, DRY and FAN mode temperature cannot be set up. Centigrade scale setting range is ON  $16^{\circ}$ C -  $30^{\circ}$ C. This button is also use for setting time during TIMER operation.

### - button

For presentting temperature decrease: Press this button, to decrease the temperature, when unit is on. The temperature adjustment is unavailable in the AUTO, DRY and FAN mode.

This button is also use for setting time during TIMER operation.

### ECO button

Press this button to go into the Energy-Saving operation mode. Press the button again to cancel. By default, the function will be cancelled automatically in eight hours. This function will help to maintain your power consumption.

(6)

### Installation Guideline

#### Safety Requirements For Electric Appliances

- The power supply should be used as per the rated voltage and AC exclusive circuit, the power cable diameter should be satisfied.
- 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 a company authorised service center. The air
  switch must have the functions of magnetic tripping and heat tripping, in order to protect
  the short circuit and overloading.
- The min. distance from the unit and combustive surface is 2 m.
- The appliance shall be installed in accordance with national wiring regulations.
- An all-pole disconnection switch having a contact separation of at least 3mm in all poles should be connected in fixed wiring.

### Note

- Make sure that the Live wire (RHS) or neutral wire (LHS) as well as the earth wire (top) in the power socket is connected correctly. Power point should be strong enough to withstand the power fed to the air conditioner.
- Wrong connection may cause fire.

### **Earthing requirements**

- Air conditioner is an electric appliance, which needs reliable earthing measure.
- The yellow-green or green alone in air conditioner is earthing wire and cannot be used for other purpose. It cannot be cut off and be fixed by screw, otherwise it would cause electric shock.
- The earth resistance should be according to the National Criterion.
- Please don't connect the earthing wire to any of the following:
  - Tap water pipe.
  - Gas pipe.
  - Drain pipe.



### Installation Guideline

#### Important Notices

- The unit installation work must be done by company authorised service provider
- When removing the unit to the other place, please firstly contact the authorized service center

### **Basic Requirements For Installation Position**

Installation in the following places may cause malfunction. If it is unavoidable contact the authorised service center:

- 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 is generated such as the hot spring zones.
- Other place with special circumstance.

### Indoor Unit Installation Position Selection

- The air inlet and outlet vent should be far from the obstruction, make sure that the air can be blown through the whole room.
- Select a position where the condensing water can be easily drained out, and the place is easily connected for outdoor unit.
- Select a location where the children can not reach
- Select a place which is strong enough to withstand the full weight and vibration of the unit and will not increase the noise.
- 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
- Select a place about 1m or more away from TV set or any other electric appliances.
- Select a place where the filter can be easily taken out.
- Make sure that the indoor unit installation should accord with installation dimension diagram. requirements.
- 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**

- Select a location from which noise and outflow air emitted by unit will not cause inconvenience to neighbors, animals, plants.
- Select a location where there is sufficient ventilation. •
- Select a location where there should be no obstructions cover the inlet and outlet vent.
- 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.?
- The height difference of connecting the tubing be within 5m, the length of connecting the tubing be within 10m.
- Select a place where it is out of reach for the children.
- Select a place which will not block the passage and do not influence the city appearance.

# Operation of wireless remote control

### Names and functions of wireless remote control

Notice: This is a general use remote hand set. It could be used for the air conditioners with multifunction For some function, which the model doesn't have, pressing the corresponding button on the remote hand set will have no effect on its running status.



TIMER button

Press this button to initiate auto ON and auto OFF time sequence. Each press will increase the auto timed setting in 30 minutes increments. To set the time use + and - keys.

- If you pressed TIMER button when AC is ON and set time using remote handset, the AC will turned OFF after set time duration is completed .

- And if you pressed TIMER button when AC is OFF and set time using remote handset, the AC will turned ON after set time duration is completed.

### ECO button

Press this button to go into the Energy-Saving operation mode. Press the button again to cancel. By default, the function will be cancelled automatically in eight hours. This function will help to maintain your power consumption.

### SILENT button

Press this button to avoid the acoustic noise of air conditioner. The indoor fan will rotate at very low frequency and make you comfortable. When you press SILENT button in cool mode the fan speed will reduce one gear i.e. if fan speed is high, after pressing SILENT button it will reduce to medium. Repressing the SILENT button will regain the previous status.

If you press SILENT button in fan mode, indoor fan speed will directly reduced to low fan speed.





SWING UP AND DOWN BUTTON 🗎

Press this button, to make the louver up

→ `] → `] →-] →,]

& down:

(38)

OFF





LOCK

Goong

nx

(SILENT)



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(7)

**Remote Hand Set** 

## Operation of wireless remote control

#### Guide for operation - General operation

- 1. After Switching ON the power supply, press ON/OFF button, and the unit will start to run.(Note: When power is off, the guide louver of the indoor unit will close automatically )
- Press MODE button to select the desired running mode, or press COOL mode to enter into the corresponding operation directly.
- Press + and button, to set the desired temperature. (Setting temp. function is cancelled . in AUTO and DRY mode)
- 4. Press FAN button to set fan speed and can select among low, medium, high and auto.
- 5. Press Swing (up- down)button, to select the swing.

#### Guide for operation – Optional operation

- 1. Press SLEEP button, to set sleep.
- Press TIMER button , to set the scheduled timer on or timer off.
- Press DISPLAY button, to switch the display on the indoor unit on or off .(This function may be not available for some units)
- 4. Press TURBO button , to set the TURBO function ON and OFF.

#### Introduction for special function

#### About AUTO CLEAN

This function ensures that moisture on evaporator of indoor unit will be blown off after the unit is stopped to avoid mould. This function can be activated using BLOW button on remote control.

#### About AUTO RUN

When AUTO mode is selected, the setting temperature will not be displayed on the remote hand set, the unit will monitor the room temp. automatically to select the suitable running method and to make the ambient comfortable.

#### **About TURBO function**

When this function is on, the unit will run at super-high fan speed to cool quickly so that the ambient temp. approaches the present temp. as soon as possible.



TEMP (SWNG:

LOCK SLENT

Goorg

DXI

TURBO -

BLOW

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### Troubleshooting

Phenomenon	Troubleshooting
Noise is heard from the indoor unit	<ul> <li>The sound is that of the fan or is caused when the compressor relay switches on or off.</li> <li>When the Defrost Function starts and stops functioning sound will be heard. This is due to the refrigerant flowing in reverse direction.</li> </ul>
Indoor unit is not blowing air.	<ul> <li>In dehumidifying mode, sometimes indoor fan will stop, in order to avoid condensing water to vaporize again and to restrain temperature rise.</li> </ul>
Moisture on air outlet vent.	• If unit is running under high humidity for a long time, moisture will condense on the air outlet grill and drip off.



Immediately stop all operations and plug out & contact Company Authorised service center/dealer if -

- There is a harsh sound during operation.
- Terrible odors are emitted during operation.
- Water is leaking in the room.
- Air switch or protection switch often breaks.
- Water or something is splashed into the unit.
- The power supply cord and the power plug is abnormally heated up.

Stop running and pull out of the plug.

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# Troubleshooting

Phenomenon	Troubleshooting
The unit is not running.	<ul> <li>Has the power been shut down?</li> <li>Is power plug loose?</li> <li>Has the circuit protection device tripped?</li> <li>Is voltage high or low? (Tested by professionals)</li> <li>Is the TIMER correctly used?</li> </ul>
Cooling efficiency is not good	<ul> <li>Is temp setting suitable?</li> <li>Are inlet and outlet vents obstructed?</li> <li>Is filter dirty?</li> <li>Are the windows and doors clothed?</li> <li>Did Fan speed set at low speed?</li> <li>Is there any heat sources in the room?</li> </ul>
Wireless remote control is not functioning.	<ul> <li>The unit is disturbed occationally by abnormal or frequent function switchovers, without the controller's interference. At this time, you need to switch off the power, pull off the plug and reinsert it.</li> <li>Is it in its receiving range? Or is the signal obstructed? Check the batteries of the remote hand set and if required replace them.</li> <li>Check whether the wireless remote control is damaged.</li> </ul>
If there is water leakage in the room.	<ul> <li>The humidity in the room is on the high side.</li> <li>Condensing water over flowed.</li> <li>The connection point of indoor unit drainage pipe is loose.</li> </ul>
If there is water leakage in the outdoor unit.	<ul> <li>When the unit is running in COOL mode, the pipe and connection of pipe would be wet due to condensation of moisture in the air.</li> <li>When the unit is running in Auto Defrosting mode the ice thaws and flows out.</li> </ul>

# Operation of wireless remote control

### **Guidelines for Changing batteries**

Lightly press the location marked , along the arrowhead direction to push the back cover of wireless remote hand set. (As show in figure)

Take out the old batteries. (As show in figure)

Insert two new AAA1.5V dry batteries, and pay attention to the polarity. (As show in figure)

Replace the back cover of wireless remote hand set. (As show in figure)

### NOTE:

(36)

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. It should be placed at least 1m away from the TV set or stereo sound sets. If the wireless remote hand set is not functioning normally, take out the batteries, and after 30s reinsert them. If they are still not running normally replace them.





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### How to use the app:

### Welcome Screen & Login Page:

Once you download the app, "GODREJ NXW AC" icon will be visible on your home screen. Touch the icon to open the app. Your will be greeted with the welcome screen followed by the login page.



## Troubleshooting

### Caution

<sup>7</sup> Don't attempt to repair the air conditioner by yourself, it can cause an electric shock or fire. Please check the following items before asking for repair, it can save your time and money.

Phenomenon	Troubleshooting
Not functioning immediately when the air conditioner is restarted.	• Once the air conditioner is stopped, it will not operate in approximately 3 minutes to protect itself.
There's unusual smell blowing from the outlet after operation is started.	<ul> <li>The unit has no peculiar smell by itself. It can be due to the smell accumulated in the ambient.</li> <li>Solution method: Clean the filter. If problem still exists please contact company authorised service center/ dealer</li> </ul>
Sound of water flow can be heard during the operation.	• When the air conditioner is switched on or switched off or when the compressor is starts and stops sometimes there is a swoosh or gurgle. This sound is due to the flow of the refrigerant. This is not a malfunction.
In COOL mode, sometimes mist is emitted from the air outlet vent.	• When the indoor temperature and humidity are very high, this phenomenon would happen. This is caused by the room air swiftly cooling down. After running for a while, indoor temperature and humidity will decrease and no mist will be emitted.
Creaking noise can be heard from the unit when switching it on or off.	This is caused by the deformation of plastic due to the changes in temperature.
	35

# Clean and Care

### Check before use

- Be sure that nothing obstructs the air outlet and intake vents.
- Check whether ground wire is properly connected or not.
- Check whether the batteries of the air conditioner are functional or not.
- Check whether the installation stand of the outdoor unit is damaged or not. If damaged, please contact the company authorised service center/ dealer.

### Maintainence during use

- Turn main power off.
- Clean the filter and indoor and outdoor units' bodies.
- Clear dust and obstructions from the outdoor unit.
- Repaint the rubiginous place on the outdoor unit to prevent it from spreading.
- Adopt the special shield to cover the outdoor unit to avoid the rain water and dust from entering the unit and which may cause rust.



### Forgot Password:

After registration, if anytime you forgot account password then you can follow the process below.

- 1. Tap "Forgot password".
- 2. The system automatically identifies your country and region. You can also select it by yourself. Enter the registered mobile number and tap "Next".
- 3. Message will be forwarded on your mobile number. Enter the verification code received in a message and enter the new password, tap" OK" to finish.

Region	India +91
Mobile number	
Password	
Lo	gin
Sign in with SMS	Forgot passw

(34)







### Add device:

To add your Air Conditioner in Application, follow the process below

#### Step 1:

- 1. Go into the App, tap "+" in "Device" page as shown in the picture
- 2. Press ECO key on remote handset 4 times and click on Connect when "SA" will be displayed on IDU Display.



#### Step 2:

- 1. Enter Wi-Fi password and click on "OK"
- 2. Wait for 2-3 minutes for connection 100%.
- 3. For cancelling the Process Tap on "Cancel"



### **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 or 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.)
- Air conditioner contains flammable gas.

### Cleaning the front panel

When cleaning the front panel, please dip the cloth into water (temperature of below 45°C) squeeze the water out and wipe the dirty part.

Note: Please do not immerse the front panel in water, as there are microcomputer components and circuit boards on the front panel which may get damaged.

#### Cleaning the air filter (Recommended once every three months)

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

### Take down the air filter

Open the front panel and pull the air filter downwards to take it out. please see the Fig. 4 (a, b).



### Clean the air filter

To clean the dust on the filters, you can either use a vacuum cleaner, or wash them with warm water and dry it in the shade.

**NOTE:** Never use water above 45 to clean, or it can cause deformation or discoloration. Never parch it by fire, or it can cause a fire or deformation.

### Insert the air filter

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Reinsert the filters along the direction of arrowhead, and then cover it with the front panel and clasp it.



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## **Fault Indication**

If any error occurs in your air conditioner, indoor display shows error codes. Following are the error code for respective error: Though your AC shows fault code on the display, it will remain ON for particular faults to make your comfortable. But your have to call service person for repair.

Trouble Indication	Kind of Trouble
E1	Indoor fan fault
E2	Indoor fan zero crossing detection abnormal
E3	Indoor evaporator sensor fault
E4	Indoor room temperature sensor fault
E0	Outdoor EE fault
E6	Indoor & Outdoor communication fault
E7	Main board and driver board communication fault
F1	Compressor starting abnormal
F2	Compressor out-of-step fault
F3	WIFI module error
F4	Compressor shell roof fault
F5	Exhaust (Discharge) temperature sensor fault
F6	Suction temperature sensor fault
F7	Outdoor coil (condenser) temperature sensor fault
F8	Outdoor ambient temperature sensor fault
F9	Outdoor DC fan fault



# GODREJ NXW AC Wi-Fi Mobile Application

### Step 3:

- 1. Device can be renamed by Tapping Edit icon.
- 2. Type name and tap on OK for Save or Tap on Cancel to quit.





### Product List:

32

Offline devices will show OFFLINE Status

Air Conditioner-bb > Offline	
Pirangut System >	
	•
Devices Add Device Pite	



# If it happens, it is not a problem

If it happens	It is not a problem
The unit does not operate	Due to high (< 280) or low (> 140) voltage , it has gone into protection mode and thus stopped.
Less cooling	Check whether unit is working in dry mode?
The unit does not respond to commands	Check whether LOCK key is activate or not?
The indoor display is off	Activate DISPLAY key on remote control
If you select 0.5(half hour)timer but IDU display shows 1 (one hour)	Dual digit display limitation. It can't display 0.5, it will display 1 for both Half and one hour.
After AC is switched off, if indoor display shows '05'	It may happen that you have selected the BLOW function when AC was ON , and therefore AC is performing BLOW operation after it turned OFF.
If you set indoor fan speed at low speed, but sill it is working at high speed	3 min. delay when fan speed changed from high to low.

Note: In case of power failure/power OFF from mains , when power resumes AC will go into Standby mode. To start the AC customer needs to use remote handset.

31



It the wireless remote control is lost or broken, please use the manual switch button. Press the manual switch button until buzzer sounds once to turn off or turn on the air conditioner. When manual switch is on the unit will run on Auto mode, and the temp can not be changed. The operation is as mentioned below:

Open the panel; the manual switch is on the control box.

- Turn on the unit: When the unit is off, press this button and the unit will run in Auto mode. The microcomputer will measure the indoor temp. and will decide to operate in either cool or fan mode.
- Turn off the unit: When the unit is on, press the button and the unit will stop working.

Manual switch

Fig. 3



GODREJ NXW AC Wi-Fi Mobile Application



(15)

### **Power Consumption display:**

This app also displays the power consumed daily by the air conditioner. You can also see the trend of the power consumed in a month with the help of the power consumption graph.





# **Know Your Air Conditioner**

### Fan Mode:

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- Press 'MODE' button to cyclically step through the AUTO→ COOL→DRY→ FAN modes and stop when FAN mode is selected.
- Statis symbol can be seen on the remote panel when you select the FAN mode.
- In this mode compressor and outdoor fan are OFF and indoor fan speed can be varied between Low, Medium ,High and AUTO speed using remote control.
- Indoor unit displays the indoor room temperature.

### Benefits of setting Temp. at 25 or higher degrees:

- Inverter Air Conditioner changes compressor frequency as per difference between room temperature and set temperature. Hence it means compressor will run at higher frequencies if the temperature is set to lower level (say 16 °C) and it will consume more electricity. However compressor will run at lower frequencies if the temperature is set to higher level (say 25°C) & consume less power.
- Having said that, increase in temperature does not reduce the comfort level. In fact as per ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers), the ideal temperature for thermal comfort is between 23.5 °C & 25.5 °C in summers. Thus setting the temperature to 25 °C save on electricity bill and provides good comfort. Using ceiling fans along with air conditioners can additionally help in increasing the comfort.

### Benefits of using Low GWP refrigerant and safe disposal at end of life:

• Low GWP refrigerants (R290) is an eco-friendly and natural refrigerant. This refrigerant has negligible impact on environment as compared to other refrigerants (refer table below). At the end of life, R290 refrigerant can be safely released to environment under supervision of trained technicians.

Refrigerant	ODP	GWP
R290	0	3
R22	0.05	1700
R32	0	675
R410A	0	1725

- Ozone Depletion Potential (ODP): The potential for a single molecule of the refrigerant to destroy the Ozone Layer. All refrigerants use R11 as a datum reference where R11 has an ODP = 1.0. The less the value of the ODP the better the refrigerant is for the ozone layer and the environment.
- Global Warming Potential (GWP): A measurement (usually measured over a 100-year period) of how much effect a refrigerant will have on Global Warming in relation to Carbon Dioxide. CO2 has a GWP = 1. The lower the value of GWP - the better the refrigerant is for the environment.

(29)

### Know Your Air Conditioner

### **AUTO Mode:**

- Press 'MODE' button to cyclically step through the AUTO → COOL → DRY → FAN modes and stop when AUTO mode is selected.
- 🛆 This symbol will appear on the remote display when you select the AUTO mode.
- The air conditioner will automatically select cooling, or fan only operation depending on set temperature and the room temperature.
- Setting temperature cannot be changed. By default it will set to 25° C and display on indoor panel. In this mode the fan speed is changeable (Low ,Medium , High ,and AUTO)

### **COOL Mode:**

- In the cool mode, the compressor is in operation and your AC functions in the standard operating mode, cooling your room to desired set temperature.
- Press 'MODE' button to cyclically step through the AUTO → COOL → DRY → FAN modes and stop when COOL mode is selected.
- Symbol can be seen on the remote panel when you select the COOL mode.
- The cooling function allows air conditioner to cool the room and at the same time reduces the humidity in the air. In this mode the compressor will run at different frequencies depending on difference between set temp. and room temp. which gives you faster cooling as compared to fixed speed AC.
- Setting temperature range is 16°C to31 °C. The ideal temperature that can be set for comfort and energy savings is between 21°C to 25°C depending whether it is day or night.
- You can change the fan speed setting by pressing FAN button .(Low , Medium, High, and AUTO)
- TURBO, SLEEP, and ECO functions are only available during cooling mode.

#### Dry Mode:

- In the DRY mode, air conditioner reduces the humidity of the air to make the room more comfortable.
- Press 'MODE' button to cyclically step through the AUTO → COOL → DRY → FAN modes and stop when DRY mode is selected.
- Symbol can be seen on the remote panel when you select the DRY mode.
- The indoor fan runs at low speed and compressor frequency will vary according to the difference between set and room temperature just to remove extra humidity. In this mode the air conditioner does not blow a lot of cool air, as the intent is just to dry the air and not to cool the room.
- Set temperature and fan speed cannot be changed as indoor fan speed is restricted to Low. Indoor display will show the set temp.

# GODREJ NXW AC Wi-Fi Mobile Application

### Additional features:

Following are the additional features in the app.



### 1.Change device name:

(28)

You can modify the name of the AC in the below manner:

Modify Device Name Pirangut System >	Modify Device Name Pirangut System >
Device Sharing	Device Sharing >
Device Info	Device Info >
Rename	Check for Firmware Update >
C CANCEL OK	Clear Consumption >
Remove Device	Remove Device
Restore Monufacturer Defaults	Restore Manufacturer Defaults Success

### 2.Share device with family:

Tap "Device sharing", enter the mobile number of App account of the user you want to share the device with, then that person will receive the shared device.

India +91 >

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### 3. View device information:

Know device information of your Wi-Fi device such as device ID.



### **OTA Firmware Update:**

Whenever new firmware for AC or Wi-Fi module is available. Firmware will get updated over the air.



#### Wi-Fi Module Error code:

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- IDU Display board will show "E9" for Wi-Fi module error. "E9" error will appear on IDU display PCB after approximate 2 minutes from the failure. Possible reasons for the E9 result:
  - Harness not connected with IDU PCB.
  - Harness not connected with Wi-Fi module PCB.
- Harness continuity break.
- Wi-Fi module does not software inside.
- Wi-Fi module damaged.

(27)

### Settings:



### OTA Update – Mobile Application:

Whenever new application version is available, mobile application version will get updated over the air.

C Getting latest UI panel

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Pirangut System ?

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# GODREJ NXW AC Wi-Fi Mobile Application

### 4. Check firmware update:

Update firmware of AC and Wi-Fi device over the air.

Modify Device Name	Pirangut System >
Device Sharing	Σ.
Device Info	>
Check for Firmware Undate	ware Update
Remove De	vice
Restore Manufactur	er Defaults

← MORE	
Modify Device Name Pirangut System > Device Sharing >	
Device Info This is the latest version WI-FI Module Firmware:2.1.9 Main PCB Firmware:1.0.0 OK Remove Device	
Restore Manufacturer Defaults	

### 5. Clear power consumption data:

Clear Power consumption data of your AC using this funcation.



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### 6. Remove device

Device as well as related data will be removed after restoring manufacture

CANCEL OK

defaults

Delete AC Product from your products in mobile application with this option.



Restoring, please don't turn it off.



# GODREJ NXW AC Wi-Fi Mobile Application

### Profile – FAQ & About:

Click on About to know device current version and for checking software version update. Click on FAQ for help regarding frequently asked queries.

÷	ABOUT		
Rate U	s		>
Curren	t Version		1.0.6
Check	for update		Latest Version
		02017 Godrej	

P	ease note when adding device:
1.	Confirm device is powered on.
2.	Confirm device is wating for network configuration.
3.	Confirm that deivce, smartphone and router are as close to each other.
4.	Make sure the network function of router and smartphone are unblocked.
5.	Confirm the entered router password is

(25)

### Profile – Pattern Unlock:

Tap "Pattern unlock" to set up your App unlock pattern. After it is enabled, you need to draw the pattern to unlock the App. Once you set up pattern lock then you enable or disable it or reset it to create new pattern.

		Draw the pattern Profile Picture.	0
		Name	abc >
		Phone Number	910000000000
	Aur	Account Locatio	n India
	Set up a unlock pattern. Others can't	Change Login Pa	issword >
¢	ontrol the devices even if they have your smartphone	Pattern Unlock	
-	Set up your unlock pattern	Reset your unloc	k pattern >
			Logout

### **Profile – Device Sharing:**

Tap "Device sharing", enter the mobile number of App account of the user you want to share the device with, then he/she will receive the shared device.



# GODREJ NXW AC Wi-Fi Mobile Application

### Device offline/Not connected to Internet:

#### The following might be the issues:

Check if the AC Power supply is not OFF. Check Wi-Fi Router ON/OFF. Check Wi-Fi Router is working or Not. Check Internet service is available or Not. Check Wi-Fi Router Range near Air Conditioner. Check Mobile device is connected to internet. Check Wi-Fi Router setting. (USID or Password Change)



### If AC is Offline, then this page will be displayed

### Profile:

Profile page displays personal account information.Users can change their profile picture, username login password, set up unlock pattern and logout from the App using this page.

Network error, please check

If AC is not connected to

internet, then this page will

be displayed

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### 6. Remove device

Delete AC Product from your products in mobile application with this option.



### Profile – Profile Picture & Rename:





abc

India

### Change user name

22

# GODREJ NXW AC Wi-Fi Mobile Application

### Profile – Change Password:

Enter Mobile number from which you have registered on account. Click on "Get" to receive verification code message on your registered mobile number. Enter new Password.

Profile Picture	Ω
Name	abc
Phone Number	
Account Location	Indi
Change Login Password	3
Pattern Unlock	Not set yet
Logout	

← CHANGE PASSWORD	>
The bound account 91XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	tis: x
Verification Code	Get
Enter New Password	⊘
ок	

