

## Inverter Split ACs

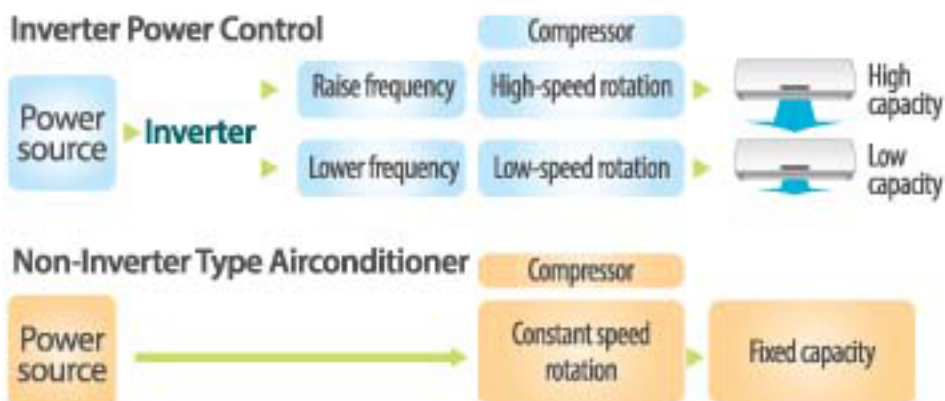
Bring intelligence home.  
Bring office-like cooling home.



Presenting Split ACs that think and adjust according to your needs, Inverter Split ACs from Blue Star. With compressors that adjust capacity according to the ambient load, they eliminate temperature fluctuation and maintain a comfortable temperature. For example, a 1.5 TR Inverter AC can decrease its capacity to 1 TR or increase its capacity to 1.75 TR, as per the requirement of the load at any point of time. As there is no cut in and cut off of the compressor like in standard ACs, the Inverter AC saves up to 30% more power.

## VARIABLE CAPACITY OPERATION

Inverter airconditioners are able to vary their operating capacity. Non-Inverter ACs can operate only at a fixed capacity.





## R 410A DC Inverter Split AC

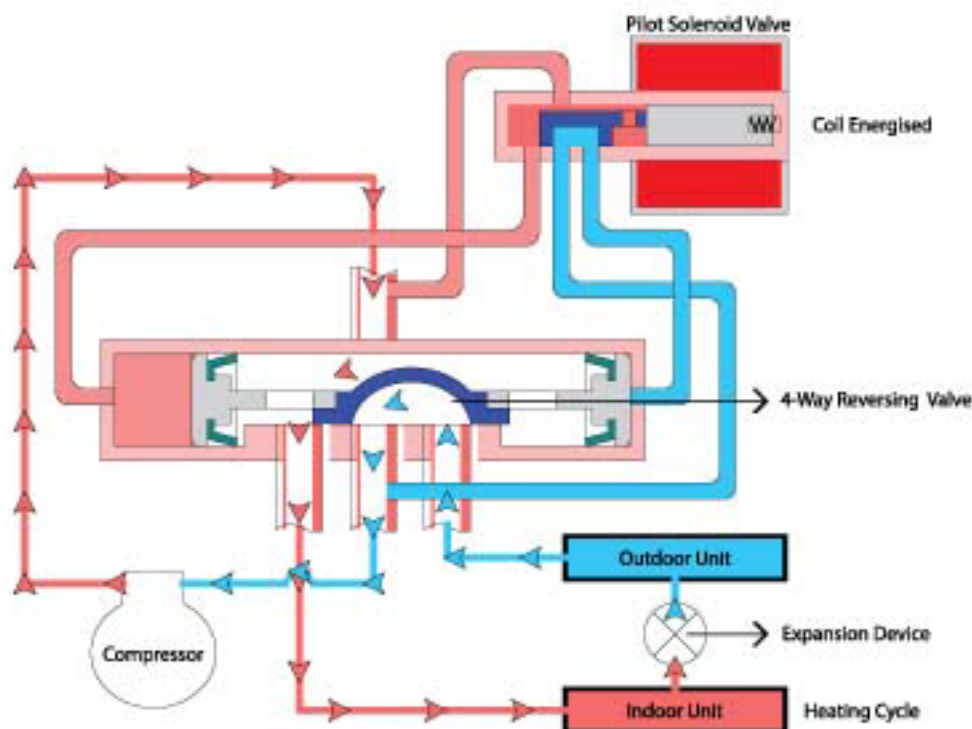
It's so smart, it adjusts for you.

Inverter ACs from Blue Star come with a host of features to cater to all your needs. The 'I Feel' feature adjusts the temperature around the user and not around the unit. It has Anti-cool wind function and comes with a special heat pump that keeps you warm during severe winters. This AC also uses the latest environment-friendly refrigerant, R410A, that has almost no ozone depleting substances. So, it's healthy for the environment too.



### HEAT PUMP CYCLE

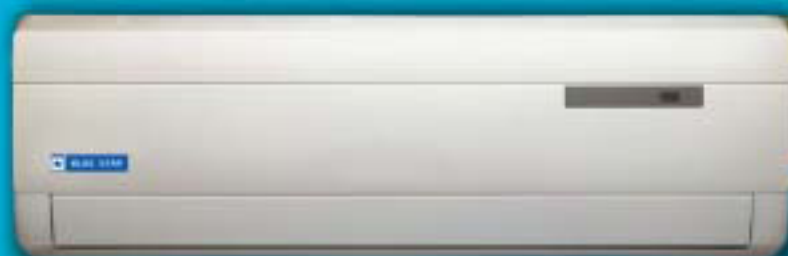
The Inverter AC doubles up as a heating unit with the inclusion of a heat pump. It is operational at ambient temperatures below 24°C. The Solenoid Valve energises the 4-Way Reverse Valve on switching to the Heat Mode on the remote. The 4-Way Valve reverses the circuit and the Indoor Unit functions as a condenser.







R410A DC  
Inverter-C



R410A DC  
Inverter-S

**30%**  
more  
power saving  
than Non-Inverter AC

## Features



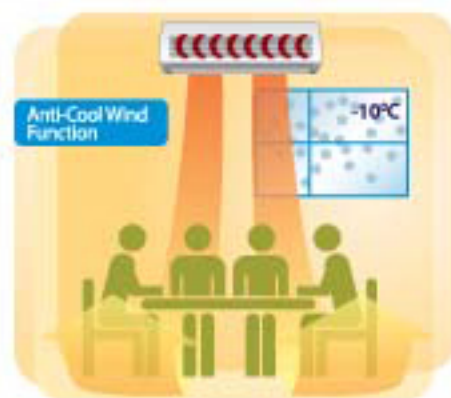
## Filters



\*Heat Mode is not available in 1 TR Inverter S

## ANTI-COOL WIND FUNCTION

When the Heat Mode is on and the indoor heat exchanger doesn't arrive at the set temperature, the indoor fan will not switch on. This prevents the blow of cool wind.



## AUTO DEFROSTING FUNCTION IN HEATING MODE

When the ambient temperature becomes very low, frost forms in the outdoor unit. This hampers the heating. The Auto Defrosting Function stops the fan motors of both the indoor and outdoor units, thereby halting the heating mode to protect the AC.

## HEAT MODE

The Heat Pump in the Inverter AC has several advantages. Inverter technology helps save over 30% of power consumed even in the Heat Mode. There is no heating filament here since the same airconditioning cycle is being used in the Heat Mode. There is also no carbon residue, thereby eliminating any risks of low oxygen level or suffocation.





## SENSORS FOR PERFECT COOLING

### Condenser Coil Sensor

It prevents the temperature from rising, which can cause liquid flood back that can damage the coil.

### Room Return Air Sensor

It senses the return air temperature and signals the compressor whether the desired room temperature has been achieved and if the RPM has to be changed.

### Ambient Sensor

It detects the ambient temperature and activates the heat pump cycle when the ambient temperature drops below 24°C.

### DLT Sensor

It helps in ascertaining the discharge temperature and cuts off the compressor when the temperature is high.

### Evaporator Coil Sensor

If there is ice formation on the evaporator coil due to very low set temperature or a probable gas leak, it cuts off the compressor as a preventive measure.

## PCB CIRCUIT

It works in coordination with the sensors, takes input and controls the compressor, indoor blower, and outdoor fan motor, thus delivering intelligent cooling.





## ECO-FRIENDLY R410A REFRIGERANT

The Inverter AC uses the latest environment friendly refrigerant, R410A, that has almost no ozone depleting substances as well as Polyolester (POE) oil which has better oil return properties, better heat transfer characteristics, better lubrication ability and is also wax-free.



## ELEGANT REMOTE CONTROL



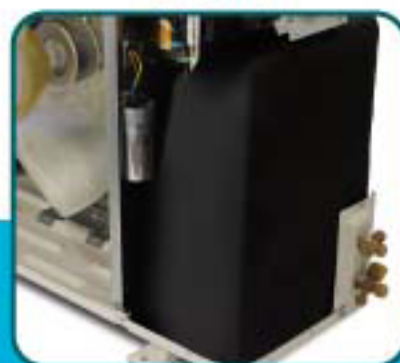
## ACOUSTIC INSULATION COMPRESSOR JACKET

An acoustic jacket is provided with the compressors of R410A DC Inverter and R410A DC Multi-Inverter. This jacket eliminates noise and makes the ODU quieter.

Without jacket



With jacket



## R410A DC Multi Inverter Split AC

**Saves space. Saves on power.**

When airconditioning is required in multiple rooms, several ODU's need to be used. This results in clutter with too many outdoor units taking up space and spoiling the building facade. Space is not the only concern. These fixed speed ODU's consume much power and take up a lot for servicing.

With Blue Star's R410A DC Multi Inverter Split AC you can save on both power and space by using a single ODU for 3 indoor units. This ODU has a capacity of 4HP and an adjustment range of 20-120% making it ideal for large villas, big row houses and other multi-room applications. The Inverter technology in this AC is what helps it cool different rooms according to the load. This smart cooling saves power as well. Moreover, the refrigerant used is the eco-friendly R410A which minimises the emission of ozone depleting substances.



With Blue Star's Multi Inverter Split AC , 3 IDUs operate on just one ODU





SUPER SLIM

## Features



## Filters





### ONE ODU. DIFFERENT TEMPERATURES.

Even though the Multi Inverter has just one ODU, it facilitates flexibility in terms of different temperatures for different rooms as per need, adding to the comfort factor across the entire space.



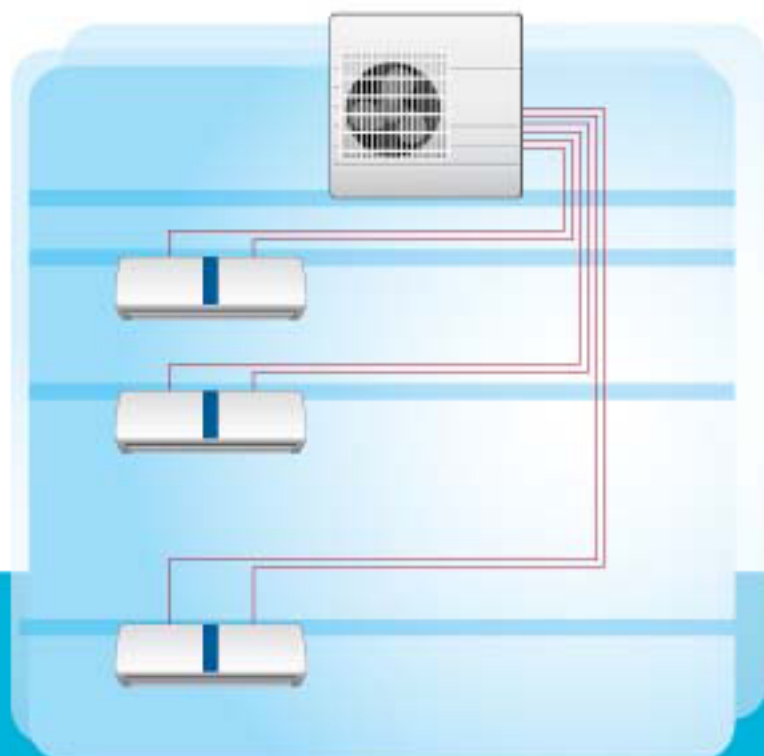
## DIVERSITY

The DC Multi Inverter works on the 'diversity' principle which is enabled by Inverter technology, and hence needs less tonnage for multi-room applications as compared to fixed speed Split ACs. Hence it helps in lowering both power consumption and maintenance cost.

## MAXIMUM PIPING DISTANCE: 75m for 3 IDUs

Each IDU to ODU max piping: 25m

Vertical height difference: 15m







### ENERGY SAVING

As the cooling of each room is separately controlled, only the rooms that require airconditioning are cooled or heated. Thanks to the Inverter technology used, the level of airconditioning can be precisely controlled depending on the load.



### ELECTRONIC EXPANSION VALVE

Unlike the capillary which allows free flow of the refrigerant, the EEV controls the flow according to the load needed. It has numerous settings for refrigerant flow. This helps in improving the efficiency of the desired cooling. It also helps in maintaining a constant temperature unlike the typical temperature change that occurs with conventional fixed speed ACs. Furthermore, the refined PID system helps in maintaining the room temperature within a 0.5°C variation of the set temperature.



### SELF-DIAGNOSTICS SYSTEM

Comprehensive troubleshooting codes allow for timely identification of problems and quicker service turnaround times.

## MULTI INVERTER OPERATING CONDITIONS

Operation Range

Item	Outdoor Condition (°C)
Cooling	15 to 48
Heating	-15 to 24

Maximum Ambient: 48°C for Cooling

Minimum Ambient for Heat Mode: -15°C

## Single Phase 4HP MULTI INVERTER ODU



Pre-piped connections for easy installation

## User-friendly Features



### I Feel

'I Feel' is an advanced feature designed to offer maximum comfort to the user. The remote comes fitted with a mini sensor which senses the surrounding temperature and transmits the signal back to the indoor unit. The indoor unit then adjusts the temperature accordingly, ensuring an appropriate temperature around the user and not around the unit, thus optimising user comfort.







### Blow Button

In this mode, the indoor blower runs for 10 minutes even after the airconditioner is switched off. This helps keep the indoor coil dry and prevents dust or mold accumulation. Also the growth of bacteria in the indoor coil due to moisture is reduced significantly.



### Turbo Operation

In this mode, the AC switches to High/Turbo Fan Speed to help reach the pre-set temperature in the shortest possible time.





### Hydrophilic Blue Evaporator Fins

Since the Evaporator (indoor coil) has a low temperature, it might result in water condensation. This results in accumulation of dust particles, thereby affecting the performance of the AC. The hydrophilicity in the evaporator fins doesn't allow water condensate to accumulate. This reduces the accumulation of dust particles and improves the cooling performance of the AC.



### Wide Angle Airflow

The Wide Angle Louvres ensure that cool air is distributed evenly across the room, and that it reaches every corner.



### Fixed and Swing Louvres

Fixed and Swing Louvres help the user adjust the swing or even stop it at a particular angle. This adds to the user's comfort by letting him manage the airflow to suit his needs.



### Air Flow Direction Control

This feature controls the swing angle of the Horizontal Louvre. It allows the user to change the air flow direction to avoid direct draft of cold air.





## Sleep Mode

Sleep Mode is an intelligent feature that ensures a comfortable temperature throughout the night. The user sets a particular temperature before sleeping. In the Sleep Mode, this user-set temperature increases for a short period of time. So even if the temperature outside dips later in the night, the user is comfortable and doesn't feel too cold. The Sleep Mode helps save energy and also adds to the comfort of the user.



## Auto Mode

The unit automatically selects the suitable running method to suit the room temperature, making the room comfortable. This can be set while in the Cooling Mode.



## Dry Mode

The Dry Mode is useful when the room feels humid and clammy. This feature helps remove the moisture from the air quicker.





### Anti-Freeze Thermostat

If the unit is running in the Cool Mode and is set at a very low temperature, frost is formed on the heat exchanger. The Anti-Freeze Thermostat acts as a safety feature and stops the compressor, thus protecting the unit.



### Multi-Fan Speed

All Blue Star ACs offer Multi-Fan Speed options to suit your comfort needs. The Inverter Split ACs come with four-speed fan control (Low/Medium/High/Auto) that lets you adjust the fan speed as required.



### ON/OFF Timer

This feature adds to your convenience as you can set the timer On or Off as per requirement.



### Display Panel

All Inverter Split ACs come with an advanced digital display on the indoor unit that helps indicate the mode of operation of the AC.



### Auto Restart with Memory Function

This feature is very useful in case of a power cut. Thanks to this feature, when power returns, the airconditioner restarts automatically with the previous settings intact.



### Energy Saver Mode

If the room temperature is lower than the set temperature, the fan speed switches to low, thereby saving power.



### Self Diagnosis

In case of any fault, the ACs show error codes which help in proper care, faster diagnosis and repair.



### Cleanable Panel

The front panel of the indoor unit can easily be detached for periodic cleaning. This helps in better maintenance of the AC.



### Elegant Remote Control

Blue Star ACs come with modern-looking, easy-to-use remotes that are packed with features.





### Cold Plasma Filter

The Cold Plasma Filter generates active hydrogen and oxygen ions which eliminate bacteria, viruses, dust and other harmful agents in the air.



### Silver Ion Filter

The Silver Ion Filter is a highly efficient sterilising ion filter that kills more than 99% bacteria and prevents them from growing again.



### Catechin Filter

The Catechin Air Purifying Filter catches dust, mites, cigarette smoke and other pollutants. It also traps and inactivates microscopic viruses and bacteria. This remarkable filter keeps the air clean and healthy.



### Bio Filter

The Bio Filter consists of biological enzymes that help purify air. The biological enzymes kill bacteria by dissolving their cell walls. This ensures that the bacteria do not grow again and the user gets pure, healthy air.

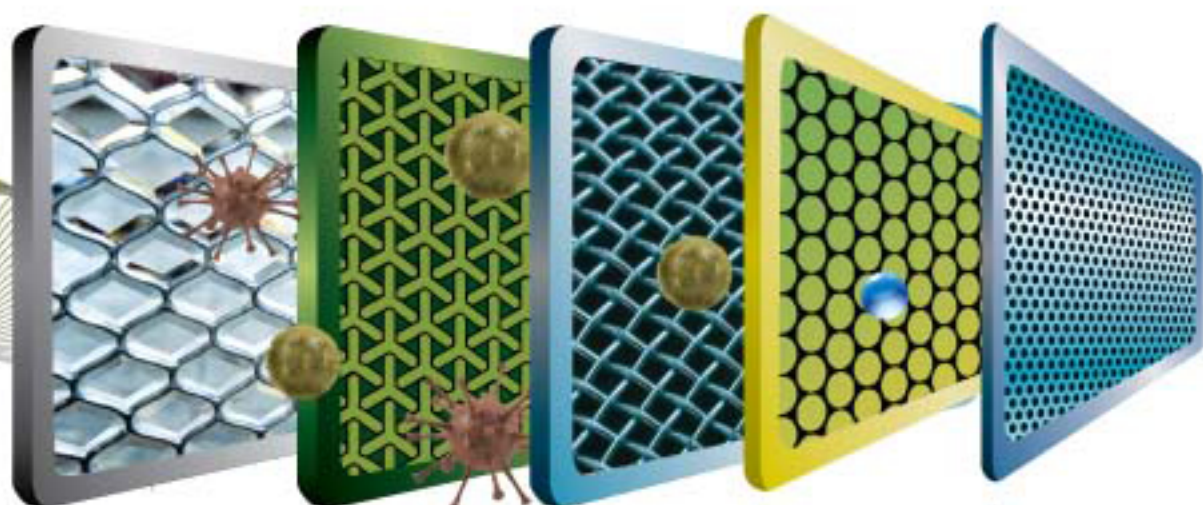


### Vitamin C Filter

The Vitamin C Filter helps reduce stress and softens the skin as well. Vitamin C is also well known for increasing immunity.



Polluted Air



Silver Ion Filter

Catechin Filter

Bio Filter

Vitamin C Filter

Cold Plasma Filter





### Anti-Acarien Filter

This anti-dust mite filter helps prevent the reproduction of dust mites and keeps the air fresh.



### Anti-Bacterial Filter

The Anti-Bacterial Filter is a specially designed filter that helps reduce the spread of infections and diseases through the air. This filter contains bio-bactericide that collects dust, limits the metabolism and growth of bacteria and sterilises the air. It also removes more than 95% *Escherichia Coli* and *Staphylococcus Aureus* that cause boils, infections and diarrhoeal diseases.



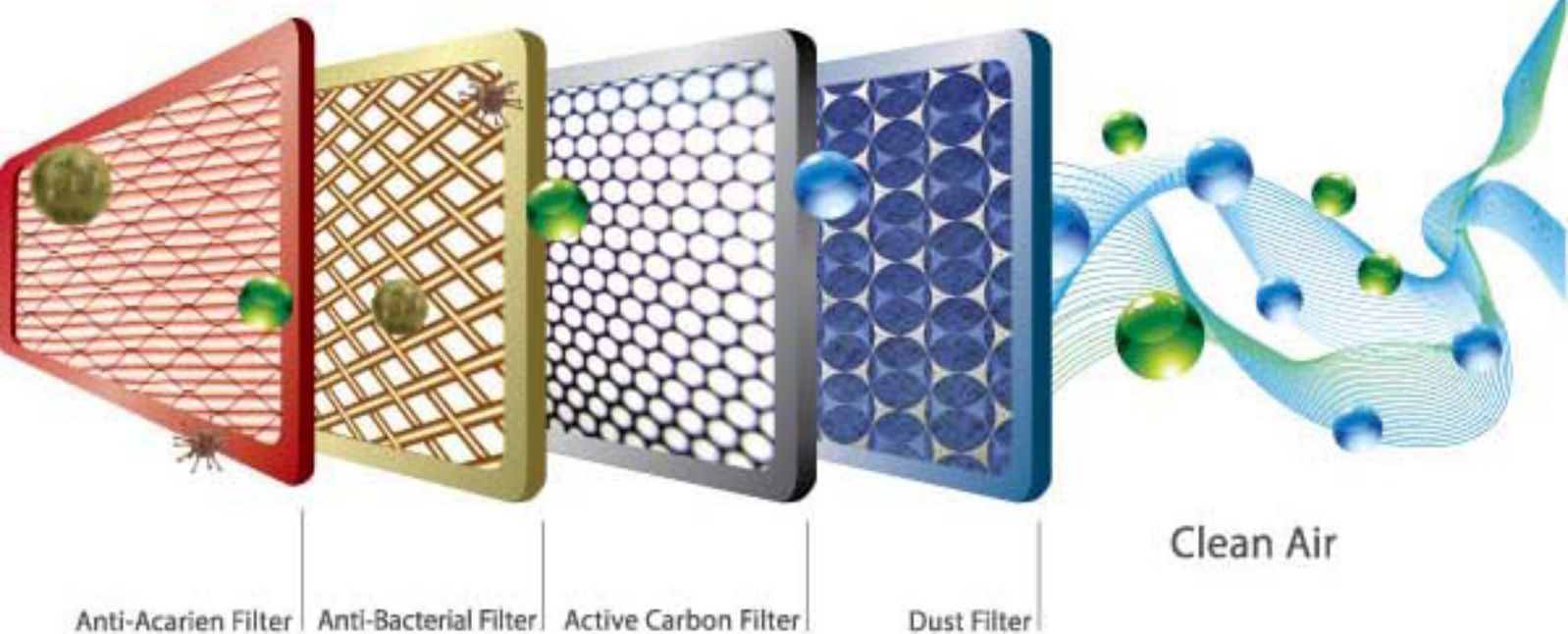
### Active Carbon Filter

The Carbon Filter eliminates odours such as that of ammonia and inactivates harmful chemical gases such as formaldehyde and benzene.



### Dust Filter

The Dust Filter is an advanced filter that traps dust particles keeping the room dust-free and healthy.



## Advanced Outdoor Unit Features



### High - Efficiency Rotary Compressor

Every Blue Star AC uses a highly energy - efficient rotary compressor with a built-in accumulator. This compressor is specially designed to deliver maximum cooling while using less power and helps you save on your power bills.



### Powder-Coated Outer Body

Blue Star outdoor units have been built keeping in mind the harsh Indian climatic conditions. The metal bodies of the units use galvanised steel and are coated with polyester powder paint. This protects them from rusting and increases their life significantly.



### Electronic Expansion Valve (EEV)

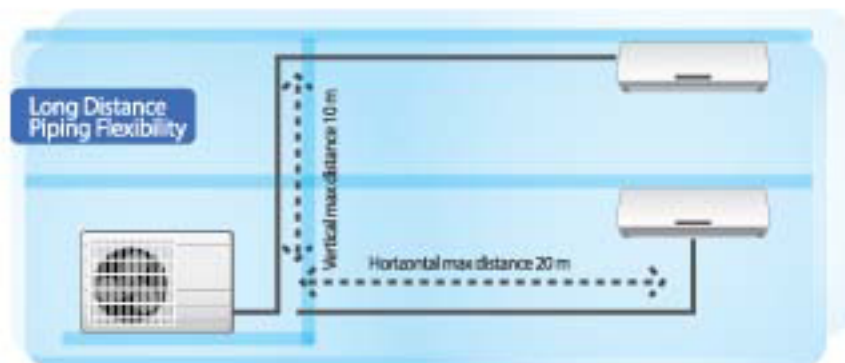
Unlike the Capillary, which allows free flow of refrigerant, the EEV controls the flow of refrigerant according to the load. It has numerous settings for the refrigerant flow. This helps in improving efficiency.





### Long Distance Piping Flexibility

Long Distance Piping Flexibility allows you to keep the outdoor unit far from the indoor unit. This adds to the convenience and facilitates easy installation of the ACs.



Total piping should not exceed 20m



### Anti-Corrosive Blue Fin Copper Condenser

Special Anti-Corrosive Blue Fins are used in the copper condenser to resist the corrosion of the condenser thus increasing the AC's life.





## Technical Specifications

### R410A DC MULTI INVERTER ODU

MODEL NO		HN4HPAFO
PERFORMANCE PARAMETERS	NOMINAL CAPACITY	4hp
	(RATED) VOLTAGE / FREQUENCY / PHASE	230V / 50Hz / SINGLE
	COOLING CAPACITY (WATT)	11600
	HEATING CAPACITY (WATT)	13000
	CAPACITY ADJUSTMENT RANGE ( % )	20% ~ 120%
	COOLING POWER INPUT (WATT)	3590
	HEATING POWER INPUT (WATT)	3545
	EER (W / W) COOLING	3.23
	EER (W / W) HEATING	3.67
	RUNNING CURRENT (COOLING IN Amps)	21
	RUNNING CURRENT (HEATING IN Amps)	20.3
	AIR FLOW VOLUME (CFM)	3236
FEATURES	CONDENSOR FINS	ANTI CORROSIVE BLUE FINS
	EXPANSION DEVICE IN ODU	ELECTRONIC EXPANSION VALVE
DIMENSIONS, WEIGHT & INPUT POWER SUPPLY	INPUT POWER SUPPLY	OUTDOOR UNIT
	ODU DIMENSION (W X H X D) (mm)	1015 X 1103 X 440
	NOISE LEVEL OUTDOOR in dBA	54
	NET WEIGHT ODU	102 KG
COMPRESSOR	COMPRESSOR TYPE	INVERTER ROTARY
	COMPRESSOR WARRANTY	1 YEAR
	CRANKCASE HEATER ON COMPRESSOR	YES
	ACOUSTIC JACKET ON COMPRESSOR	YES
REFRIGERANT & AMBIENT OPERATIONS	REFRIGERANT	R410A
	AMBIENT TEMP (COOLING) °C	10°C ~ 48°C
	AMBIENT TEMP (HEATING) °C	-15°C ~ 24°C
	DEFROSTING METHOD	AUTOMATIC DEFROSTING
VALVE SIZE & PIPING CAPABILITY	SUCTION VALVE SIZE INCH (mm) - E (DO NOT USE)	3/8" (9.52 mm)
	LIQUID VALVE SIZE INCH (mm) - E (DO NOT USE)	1/4" (6.35 mm)
	SUCTION VALVE SIZE INCH (mm) - D (USE PIPE REDUCER 3/8" -> 1/2")	3/8" (9.52 mm)
	LIQUID VALVE SIZE INCH (mm) - D	1/4" (6.35 mm)
	SUCTION VALVE SIZE INCH (mm) - C	1/2" (12.7 mm)
	LIQUID VALVE SIZE INCH (mm) - C	1/4" (6.35 mm)
	SUCTION VALVE SIZE INCH (mm) - B	1/2" (12.7 mm)
	LIQUID VALVE SIZE INCH (mm) - B	1/4" (6.35 mm)
	SUCTION VALVE SIZE INCH (mm) - A (DO NOT USE)	5/8" (15.87 mm)
	LIQUID VALVE SIZE INCH (mm) - A (DO NOT USE)	3/8" (9.52 mm)
	MAX PIPING CAPABILITY TOTAL (METRE) PER IDU	25
	MAX PIPING CAPABILITY VERTICAL (METRE) PER IDU	15
	REFRIGERANT ADDITIONAL CHARGE (BEYOND 50m TOTAL FOR 3 IDUs) (g/m)	22
	INSTALLATION KIT	NOT PROVIDED

AC Stabilizer capacity - 7.5 kVA



## R410A DC MULTI INVERTER IDU

MODEL NO		HHHW18BAFI
PERFORMANCE PARAMETERS	NOMINAL CAPACITY	1.5 Tl
	(RATED) VOLTAGE / FREQUENCY / PHASE	230V / 50Hz / SINGLE
	COOLING CAPACITY (WATT)	5300
	HEATING CAPACITY (WATT)	5800
	MOISTURE REMOVAL (L/TRES/HOUR)	1.8
	AIR FLOW VOLUME (WET CFM) (HIGH / MEDIUM / LOW)	400 / 353 / 324
	NOISE LEVEL INDOOR (HIGH / MEDIUM / LOW) in dB	38 / 35 / 32
FEATURES	MODES	(AUTO / COOL / HEAT / FAN / DRY)
	TURBO COOLING	YES
	SLEEP MODE	YES
	TIMER ON / OFF	YES
	HORIZONTAL LOUVRE / VERTICAL SWING	MOTORIZED
	VERTICAL LOUVRE / HORIZONTAL SWING	MANUAL
	AIR FLOW DIRECTION CONTROL	YES
	AUTO RESTART WITH MEMORY FUNCTION	YES
	FAN MODES	(AUTO / HIGH / MEDIUM / LOW)
	I FEEL	YES
	BLOW	YES
	ANTI FREEZE THERMOSTAT	YES
	SELF DIAGNOSIS	YES
	LED DISPLAY IN IDU	YES
	FILTER CONFIGURATION	CATECHIN / SILVER ION / ANTI BACTERIAL / ANTI - ACARINE / ACTIVE CARBON / VITAMIN C / DUST FILTER
	SPECIAL HEALTH FILTER	COLD PLASMA
	EVAPORATOR FINS	HYDROPHILIC BLUE FINS
DIMENSIONS & WEIGHT	IDU DIMENSION (W X H X D) MM	998 X 340 X 178
	NET WEIGHT IDU	15 KG
REMOTE	REMOTE	BACKLIT LCD
	NIGHT GLOW FUNCTION ON REMOTE BUTTONS	NO

## R410A DC INVERTER C

MODEL NO		HNHW12CBF	HNHW18CBF	HNHW24CBF
PERFORMANCE PARAMETERS	NOMINAL CAPACITY (Tt)	1 Tt	1.5 Tt	2 Tt
	(RATED) VOLTAGE / FREQUENCY / PHASE	230 V / 50Hz / SINGLE	230 V / 50Hz / SINGLE	230 V / 50Hz / SINGLE
	COOLING CAPACITY (MIN~MAX) (WATT)	3530 (600~3960)	5300 (900~6200)	6450 (1500~7000)
	HEATING CAPACITY (MIN~MAX) (WATT)	4100 (600~5130)	5700 (950~6900)	7000 (1200~7800)
	COOLING POWER INPUT (MIN~MAX) (WATT)	1100 (320~1450)	1600 (350~2200)	1985 (350~2500)
	HEATING POWER INPUT (MIN~MAX) (WATT)	1135 (320~1550)	1578 (320~2200)	1930 (350~2700)
	EER (W / W) COOLING	3.21 (2.73~2.73)	3.31 (2.73~3.82)	3.25 (4.29~2.8)
	EER (W / W) HEATING	3.61 (2.73~3.31)	3.61 (2.97~3.09)	3.63 (3.43~2.89)
	RUNNING CURRENT (COOLING IN Amps)	5.0 (1.0~6.6)	7.3 (1.5~10.1)	9.1 (1.6~11.2)
	RUNNING CURRENT (HEATING IN Amps)	5.2 (1.0~7.1)	7.2 (1.5~10.1)	8.8 (1.6~12.4)
	MOISTURE REMOVAL (LITRES/HOUR)	1.2	1.8	2
	AIR FLOW VOLUME (WET CFM) (HIGH / MEDIUM / LOW)	330 / 241 / 178	400 / 330 / 270	470 / 400 / 330
	NOISE LEVEL INDOOR (3-HIGH / MEDIUM / LOW) in dB	39 / 31 / 25	40 / 37 / 32	42 / 37 / 32
FEATURES	MODES	(AUTO/COOL/HEAT/ FAN / DRY)	(AUTO/COOL/HEAT/ FAN / DRY)	(AUTO/COOL/HEAT/ FAN / DRY)
	TURBO COOLING	YES	YES	YES
	SLEEP MODE	YES	YES	YES
	TIMER ON / OFF	YES	YES	YES
	HORIZONTAL LOUVER / VERTICAL SWING	MOTORIZED	MOTORIZED	MOTORIZED
	VERTICAL LOUVER / HORIZONTAL SWING	MANUAL	MANUAL	MANUAL
	AIR FLOW DIRECTION CONTROL	YES	YES	YES
	AUTO RESTART WITH MEMORY FUNCTION	YES	YES	YES
	FAN MODES	(AUTO/HIGH/MEDIUM/LOW)	(AUTO/HIGH/MEDIUM/LOW)	(AUTO/HIGH/MEDIUM/LOW)
	I FEEL	YES	YES	YES
	BLDW	YES	YES	YES
	ANTI FREEZE THERMOSTAT	YES	YES	YES
	SELF DIAGNOSIS	YES	YES	YES
	LED DISPLAY IN IDU	YES	YES	YES
	FILTER CONFIGURATION	CATIONIC / SILVER ION / ANTI BACTERIAL / ANTI - ACARINE / ACTIVE CARBON / VITAMIN C / DUST FILTER		
	SPECIAL HEALTH FILTER	COLD PLASMA	COLD PLASMA	COLD PLASMA
	EVAPORATOR FINS	HYDROPHILIC BLUE FINS	HYDROPHILIC BLUE FINS	HYDROPHILIC BLUE FINS
	CONDENSOR FINS	ANTI CORROSIVE BLUE FINS	ANTI CORROSIVE BLUE FINS	ANTI CORROSIVE BLUE FINS
	EXPANSION DEVICE IN ODU	CAPILLARY	CAPILLARY	CAPILLARY
DIMENSIONS, WEIGHT & INPUT POWER SUPPLY	IDU DIMENSION (W X H X D) MM	779 X 283 X 301	865 X 303 X 315	1008 X 319 X 321
	INPUT POWER SUPPLY	INDOOR UNIT	INDOOR UNIT	INDOOR UNIT
	NET WEIGHT IDU	9 KG	12 KG	15 KG
	ODU DIMENSION (W X H X D) MM	658 X 550 X 275	899 X 596 X 378	955 X 700 X 396
	NOISE LEVEL OUTDOOR in dBA	53	54	54
COMPRESSOR	NET WEIGHT ODU	30 KG	38 KG	52 KG
	COMPRESSOR TYPE	INVERTER ROTARY	INVERTER ROTARY	INVERTER ROTARY
	COMPRESSOR WARRANTY	5 YEAR	5 YEAR	5 YEAR
REFRIGERANT & AMBIENT OPERATIONS	ACOUSTIC JACKET ON COMPRESSOR	YES	YES	YES
	REFRIGERANT	R410A	R410A	R410A
	AMBIENT TEMP (COOLING) °C	10°C~46°C	10°C~48°C	10°C~48°C
	AMBIENT TEMP (HEATING) °C	-15°C~24°C	-15°C~24°C	-15°C~24°C
REMOTE	DEFROSTING METHOD	AUTOMATIC DEFROSTING	AUTOMATIC DEFROSTING	AUTOMATIC DEFROSTING
	REMOTE	BACKLIT LCD	BACKLIT LCD	BACKLIT LCD
TUBE SIZE & PIPING CAPABILITY	NIGHT GLOW FUNCTION ON REMOTE BUTTONS	NO	NO	NO
	SUCTION TUBE SIZE OUTER DIAMETER (INCH / mm)	3/8" (9.52 mm)	1/2" (12 mm)	1/2" (12 mm)
	LIQUID TUBE SIZE OUTER DIAMETER (INCH / mm)	1/4" (6 mm)	1/4" (6 mm)	1/4" (6 mm)
	MAX PIPING CAPABILITY TOTAL (METRE)	15	20	30
	MAX PIPING CAPABILITY VERTICAL (METRE)	7	10	10
	REFRIGERANT ADDITIONAL CHARGE BEYOND 4m (g/m)	20	20	30

## R410A DC INVERTER S

MODEL NO		CNHW12SBF	CNHW18SBF
PERFORMANCE PARAMETERS	NOMINAL CAPACITY (Tt)	1 Tt	1.5 Tt
	(RATED) VOLTAGE / FREQUENCY / PHASE	230 V / 50Hz / SINGLE	230 V / 50Hz / SINGLE
	COOLING CAPACITY(MIN~MAX) (WATT)	3500 (510~3900)	5275 (1260~6600)
	COOLING POWER INPUT (MIN~MAX) (WATT)	1080 (230 ~ 1300)	1600 (380~2650) WATT
	EER (W / W) COOLING	3.24 (2.22 ~ 3)	3.3 (3.32 ~ 2.49)
	RUNNING CURRENT (COOLING IN Amps)	4.9 (1.1 ~ 5.9)	7.3 (1.7 ~ 12.1)
	MOISTURE REMOVAL (LITRE/HOUR)	1.4	1.8
	AIR FLOW VOLUME (WET CFM) (HIGH / MEDIUM / LOW)	294 / 235 / 177	460 / 382 / 324
	NOISE LEVEL INDOOR (HIGH / MEDIUM / LOW) in dB	39 / 36 / 33	44 / 40 / 35
FEATURES	MODES	(AUTO/ COOL / FAN / DRY)	(AUTO/ COOL / FAN / DRY)
	TURBO COOLING	YES	YES
	SLEEP MODE	YES	YES
	TIMER ON / OFF	YES	YES
	HORIZONTAL LOUVRE / VERTICAL SWING	MOTORIZED	MOTORIZED
	VERTICAL LOUVRE / HORIZONTAL SWING	MANUAL	MANUAL
	AIR FLOW DIRECTION CONTROL	YES	YES
	AUTO RESTART WITH MEMORY FUNCTION	YES	YES
	FAN MODES	(AUTO/HIGH/MEDIUM/LOW)	(AUTO/HIGH/MEDIUM/LOW)
	I FEEL	YES	YES
	BLOW	YES	YES
	ANTI FREEZE THERMOSTAT	YES	YES
	SELF DIAGNOSIS	YES	YES
	LED DISPLAY IN IDU	YES	YES
	FILTER CONFIGURATION	CATECHIN / SILVER ION / ANTI BACTERIAL / ANTI - ACARINE / ACTIVE CARBON / VITAMIN C / DUST FILTER	
	SPECIAL HEALTH FILTER	COLD PLASMA	COLD PLASMA
	EVAPORATOR FINS	HYDROPHILIC BLUE FINS	HYDROPHILIC BLUE FINS
	CONDENSOR FINS	ANTI CORROSIVE BLUE FINS	ANTI CORROSIVE BLUE FINS
DIMENSIONS, WEIGHT & INPUT POWER SUPPLY	EXPANSION DEVICE IN ODU	CAPILLARY	CAPILLARY
	IDU DIMENSION (W X H X D) MM	845 X 275 X 180	940 X 298 X 200
	INPUT POWER SUPPLY	INDOOR UNIT	OUTDOOR UNIT
	NET WEIGHT IDU	11 KG	1.8 KG
	ODU DIMENSION (W X H X D) MM	776 X 540 X 320	899 X 596 X 378
	NOISE LEVEL OUTDOOR in dBA	52	54
	NET WEIGHT ODU	29 KG	37 KG
COMPRESSOR	COMPRESSOR TYPE	INVERTER ROTARY	INVERTER ROTARY
	COMPRESSOR WARRANTY	5 YEAR	5 YEAR
	ACOUSTIC JACKET ON COMPRESSOR	YES	YES
REFRIGERANT & AMBIENT OPERATIONS	REFRIGERANT	R410A	R410A
	AMBIENT TEMP (COOLING) °C	18°C~43°C	18°C~43°C
	DEFROSTING METHOD	AUTOMATIC DEFROSTING	AUTOMATIC DEFROSTING
REMOTE	REMOTE	BACKLIT LCD	BACKLIT LCD
	NIGHT GLOW FUNCTION ON REMOTE BUTTONS	NO	NO
TUBE SIZE & PIPING CAPABILITY	SUCTION TUBE SIZE OUTER DIAMETER (INCH / mm)	3/8" (9.52 mm)	1/2" (12 mm)
	LIQUID TUBE SIZE OUTER DIAMETER (INCH / mm)	1/4" (6 mm)	1/4" (6 mm)
	MAX PIPING CAPABILITY TOTAL (METRE)	15	20
	MAX PIPING CAPABILITY VERTICAL (METRE)	7	10
	REFRIGERANT ADDITIONAL CHARGE BEYOND 4m (g/m)	15	15



For more information, please contact **BLUE STAR LIMITED** • **Ahmedabad**: 2nd Floor, Shivalk-II, Near Shivanjani Cross Road, 132 Feet Ring Road, Satellite, Ahmedabad - 380 015, Tel: (079) 40224000 • **Bangalore**: Ozone Manay Technology Park, SY No 56/18 & 55/9, Hongasandra Village, Begur Hobli, Garvebhavipalya, Bangalore - 560068, Tel: (080) 41854000 • **Bhopal**: Star Arcade, 2nd Floor, Plot No. 165A & 166, Zone-I, Maharana Pratap Nagar, Bhopal - 462 011, Tel: (0755) 4273378 • **Bhubaneswar**: 3A, Setya Nagar, 2nd Floor, Bhubaneswar - 751 007, Tel: (0674) 2572403 / 2573670 • **Chandigarh**: Adarsh Mall, 4th Floor, Plot No. 50, Industrial & Business Park, Phase - II, Chandigarh 160 002, Tel: (0172) 5024000 • **Chennai**: No. 104, Old No. 46, 'Garuda buildings', Cathedral Road, Chennai 600 086, Tel: (044) 42444000 • **Goa**: 1st Floor, Buddhaseth Apts., Tonca, Ceranzalem, Goa - 403 002, Tel: (0832) 2461671 • **Gurgaon**: Block 2-A, DLF Corporate Park, DLF Qutab Enclave, Phase III, Mehrauli-Gurgaon Road, Gurgaon - 122 002, Tel: (0124) 4094100 • **Guwahati**: 13, K.C. Patowari Road, Uluberi, Guwahati - 781 007, Tel: (0361) 2468496 • **Jaipur**: A-19, 1st Floor, Main Sahakar Path, Near Sahakar Bhawan, Jaipur - 302 001, Tel: (0141) 2744033-35 • **Kochi**: 2nd Floor, Millennium Plaza, MKK Nair Road, Alinchuvadu Junction, Kochi - 682 024, Tel: (0484) 4499000 • **Kolkata**: 7, Hare Street, Kolkata - 700 001, Tel: (033) 22134100 • **Lucknow**: 177/4, Faizabad Road, Lucknow 226 007, Tel: (0522) 4034000 • **Mumbai**: Sandbox House, 4th Flr, 254 D, Dr Annie Besant Road, Worli, Mumbai - 400 030, Tel: (91) (22) 66544000 • **Nagpur**: 219, Bajaj Nagar, 1st Floor, South Ambazari Road, Nagpur - 440 010, Tel: (0712) 2249000 / 6624000 • **Pune**: 201/A, Nityanand Complex, 1st Floor, 247/A, Bund Garden Road, Pune - 411 001, Tel: (020) 41044000 / 26169332 • **Secunderabad**: 207, Sikh Road, Bantia Estate, Secunderabad - 500 003, Tel: (040) 44004100 • **Thiruvananthapuram**: T. C. IX/1490, 'Chandrika', Sasthamangalam, Thiruvananthapuram - 695 010, Tel: (0471) 2720025 / 65 • **Vadodra**: Ramakrishna Chambers, 7th Floor, Productivity Road, Alkapuri, Vadodra - 390 007, Tel: (0265) 2330334/6614100 • **Visakhapatnam**: D. No. 49-24-63/1, Near Sarikamattam Road, Madhura Nagar, Visakhapatnam 530 016, Tel: (0891) 2748405 / 2748433 • email: [coolingsolutions@bluestarindia.com](mailto:coolingsolutions@bluestarindia.com) • Visit us at: [www.bluestarindia.com](http://www.bluestarindia.com)