



BLUE STAR

Room airconditioners from the Experts

Wide range of Split ACs and Window ACs



Selected
Business
Superbrand
INDIA 2015/16
Industry Validated

Advantage Blue Star

Blue Star, India's leading airconditioning company brings you expert cooling solutions for all your needs. Drawing from over six decades of cooling expertise, it offers you a wide range of Split ACs and Window ACs to choose from. These ACs assure exceptional cooling, superior technology and unmatched performance. What's more, they are backed by a wide network of 800 dealers and direct service centres across the country.

Opt for the Expert. Opt for Blue Star.



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 the unit, thus optimising user comfort.





Silver Ion Filter

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



Catechin Filter

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



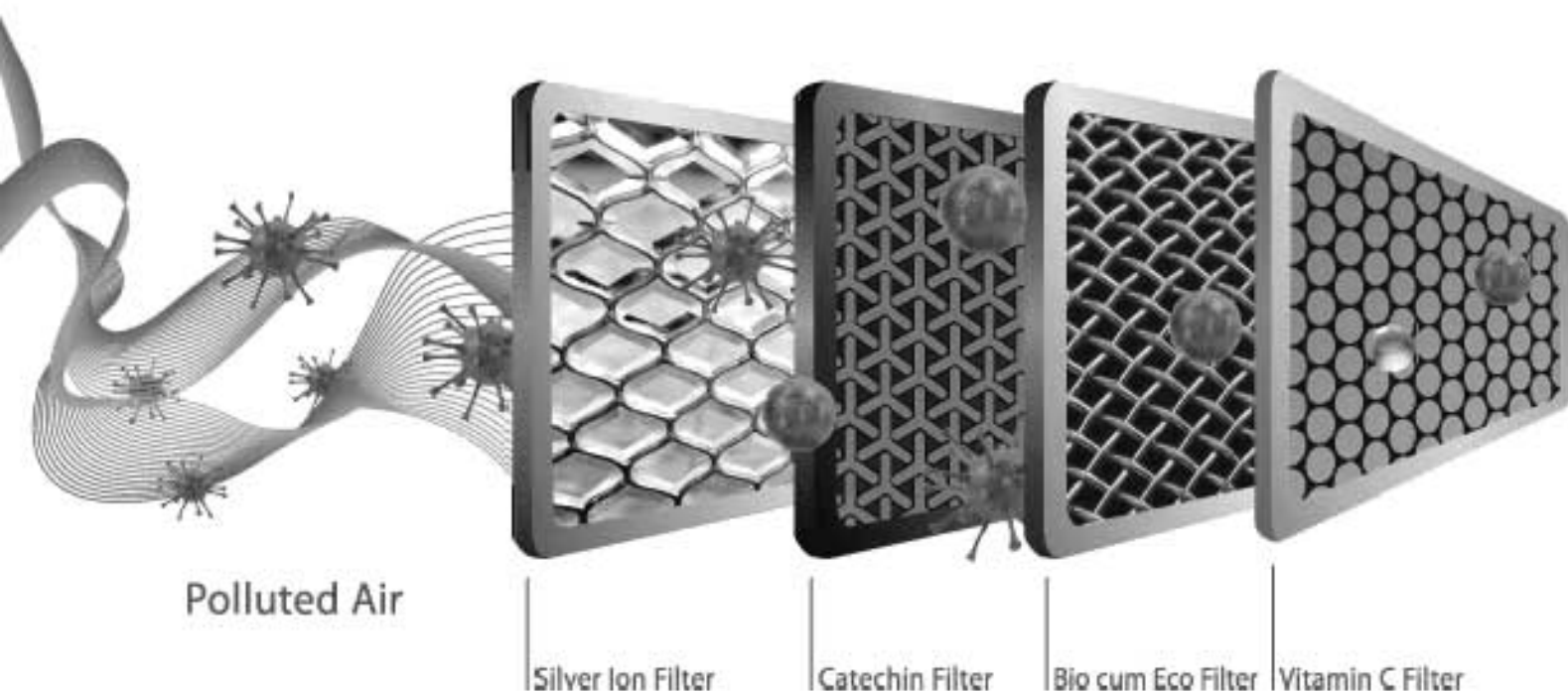
Bio cum Eco Filter

The Bio Filter consists of a specialised Eco Filter and Biological Enzyme that help purify air. The Eco Filter traps minute airborne dust particles and prevents bacterial, fungal and microbial growth. The Biological Enzyme kills bacteria by dissolving their cell walls. This ensures that the bacteria does not grow again and the user gets pure, healthy air.



Vitamin C Filter

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





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 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 diarrheal diseases.



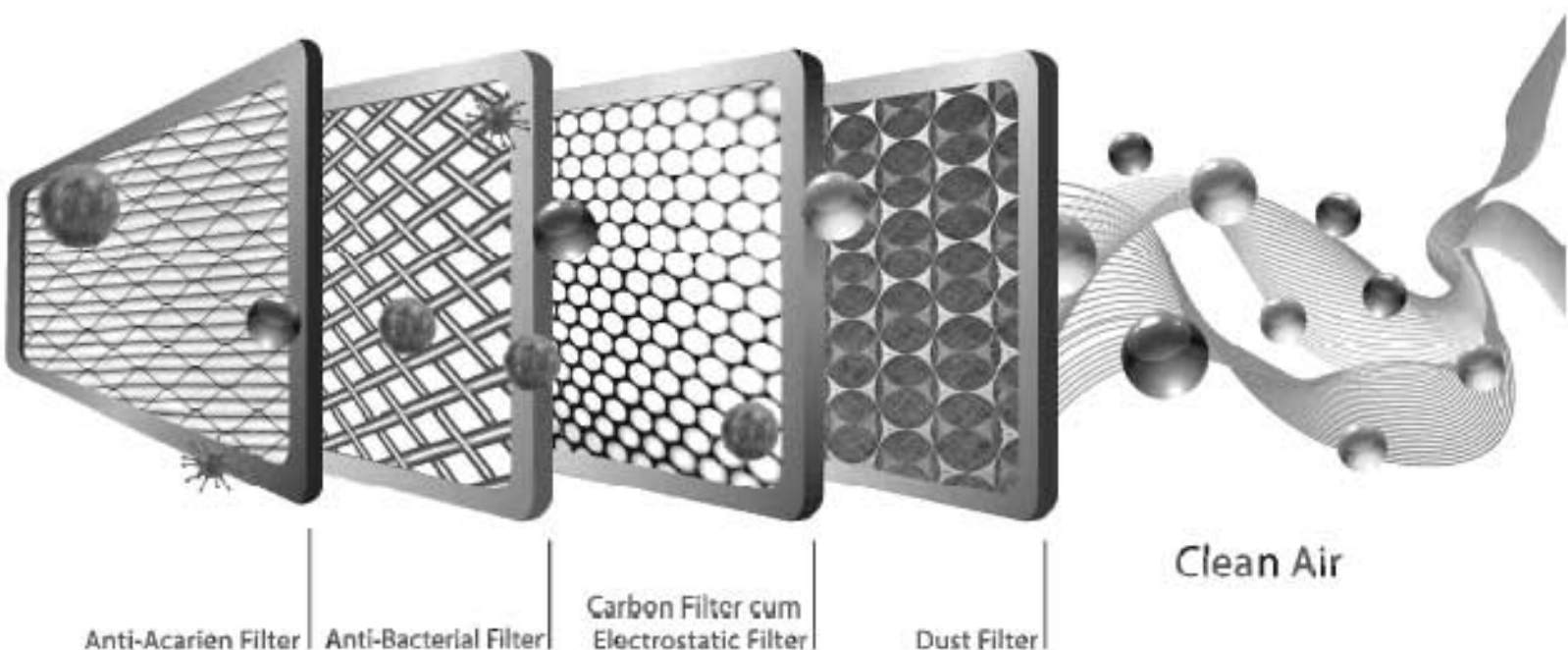
Carbon Filter cum Electrostatic Filter

The Carbon Filter eliminates odours such as that of ammonia and inactivates harmful chemical gases such as formaldehyde and benzene. By forming pre-charged ions on the filter surface, the Electrostatic Filter traps small dust particles and smoke, thus improving indoor air quality.



Dust Filter

The Dust Filter is a special advanced filter that traps dust particles in the room, keeping it dust-free and healthy.





Blow Button

In this mode, the indoor blower in a Blue Star AC 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 time possible.



Wide Angle Airflow

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



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 will automatically select the suitable running method according to the room temperature, making the room comfortable. This can be set while in 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.



Hydrophilic Aluminium Evaporator Fins

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



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 level. The Window ACs come with Three Speed Fan Cooling whereas the Split ACs come with Four Speed Fan Cooling (Low/Medium/High/Auto) that adjust the Fan Speed.



ON/OFF Timer

This feature adds to the convenience of the users as they can set the timer for ON or Off as per the requirement.



Display Panel

All indoor Split ACs come with advanced digital display 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, the airconditioner restarts at the previous setting automatically, when the power resumes.



Energy Saver Mode

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



Self Diagnosis

In case of faulty conditions, the ACs show error codes. This ensures proper care and protects the AC from any damage.



Cleanable Panel

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



Elegant Remote Control

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



Advanced Outdoor Unit Features



High Efficiency Rotary Compressor

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



Powder-Coated Outer Body

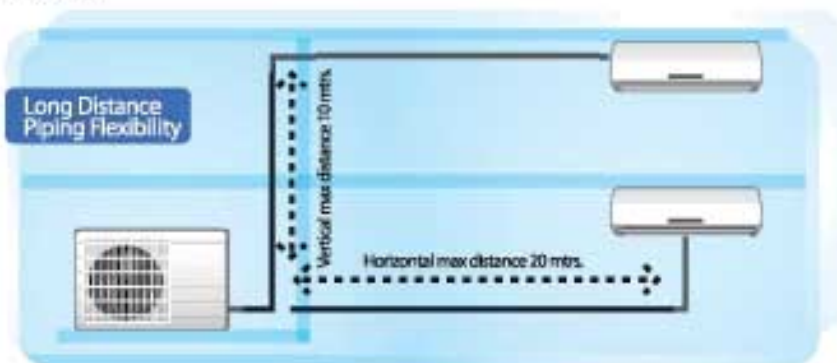
Blue Star outdoor units have been built keeping in mind harsh Indian climatic conditions. The metal bodies of the units use galvanised steel and are coated with polyester powder paint. This protects them from rusting and increases their life significantly.





Long Distance Piping Flexibility

A 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.



Anti-Corrosive Condenser Blue Fins

Special Anti-Corrosive Blue Fins are used to resist the corrosion of the condenser and to increase its life, thus increasing the AC's life.



Inverter Split AC

It's so smart, it adjusts for you.



Here's an AC that thinks and adjusts according to your needs. Blue Star's Inverter AC. Its compressor changes frequency according to the ambient load. As the frequency changes, RPM of the compressor also changes. This eliminates any temperature fluctuations and helps maintain a comfortable temperature. For example, a 1.5 ton Inverter AC can decrease its capacity to 1 ton or increase its capacity to 1.75 tons, as per the requirement. As there is no cut in and cut off, the Inverter AC saves up to 30% more power.

Inverter AC comes with a special heat pump that's useful during severe winters. What's more, this AC uses the latest environment-friendly refrigerant, R410A, that has almost nil ozone depleting substances. So the AC is healthy for the environment too.



VARIABLE CAPACITY OPERATION

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

Inverter Power Control



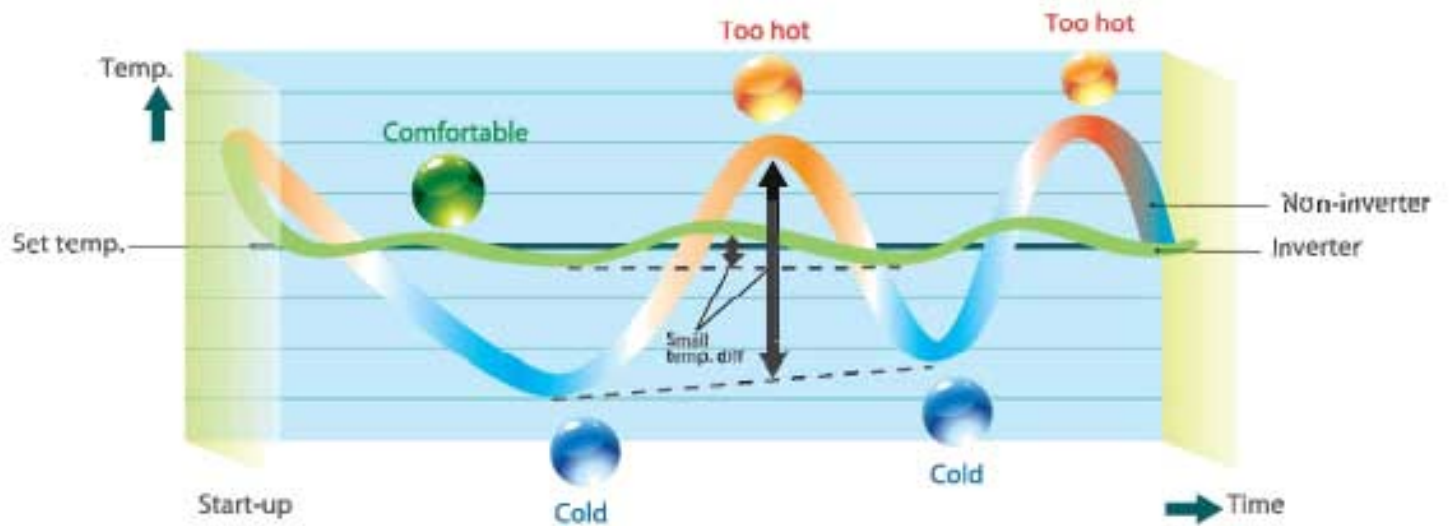
Non-Inverter Type Airconditioner



Inverter-S



30%
more
power saving
than Non-Inverter AC



Inverter-C



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

Features



I Feel



Blow Button



Multi-Fan
Speed



Long Distance
Piping Flexibility



Sleep Mode



Hydrophilic
Fins Evaporator



Self Diagnosis



Powder-Coated
Outer Body



Dry Mode



Anti-Freeze
Thermostat



High Efficiency
Rotary Compressor



Wide Angle
Airflow



Fixed and Swing
Louvers



Air Flow
Direction Control



Display Panel



Auto Mode



Anti-Corrosive
Blue Fin Condenser



ON/OFF Timer



Energy Saver
Mode



Auto Defrosting
Function



Heat Mode



Anti-Cool Wind
Function



Turbo
Operation



Cleanable Panel



Auto Restart with
Memory Backup



Elegant
Remote Control





Filters



Carbon Filter



Catechin Filter



Silver Ion Filter



Anti-Bacterial
Filter



Anti-Acarien
Filter



Vitamin C
Filter



Dust Filter

ELEGANT REMOTE CONTROL



ECO-FRIENDLY R410A REFRIGERANT

Inverter AC uses the latest environment-friendly refrigerant, R410A, that has almost nil ozone depleting substances.



Star Rated Hi-Wall Split ACs

They cool. They purify. They save.

Certified by the BEE (Bureau of Energy Efficiency), Blue Star's star rated range of Hi-Wall Split ACs offers you the dual advantage of high performance cooling and low electricity bills.



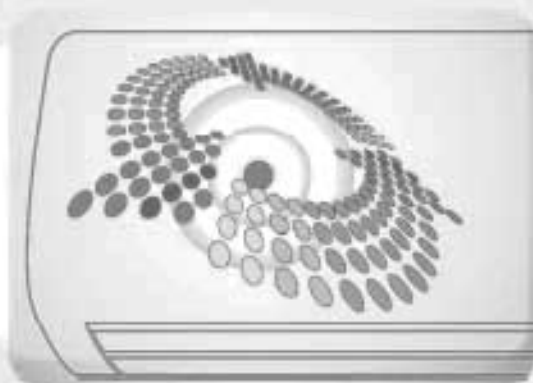
5 Star - D



The best in the 5 star range, this AC combines stylish looks with ultimate savings. What's more, it comes with special filters that ensure clean, healthy air at all times. The I Feel feature helps the AC to direct its cooling according to your needs. This helps save energy and therefore reduces your power bills.

SELF CLEAN

If this mode is activated under Cool and Dry Mode and the compressor is switched off, the fan will run under low speed for 30 mins. This cleans the evaporator and prevents mold generation, keeping the evaporator fresh for next operation.



Features



I Feel



Self Clean



High Efficiency
Rotary Compressor



Auto Mode



Anti-Corrosive
Blue Fin Condenser



Powder-Coated
Outer Body



Multi-Fan
Speed



Auto Restart with
Memory Backup



Anti-Freeze
Thermostat



Dry Mode



Wide Angle
Airflow



Fixed and Swing
Louvers



Air Flow
Direction Control



Display Panel



Hydrophilic
Fins Evaporator



Sleep Mode



Turbo
Operation



On/Off Timer



Self
Diagnosis



Cleanable Panel



Elegant
Remote Control

Filters



Carbon Filter cum
Electrostatic Filter



Catechin Filter



Silver Ion Filter



Bio cum
Eco Filter



Dust Filter

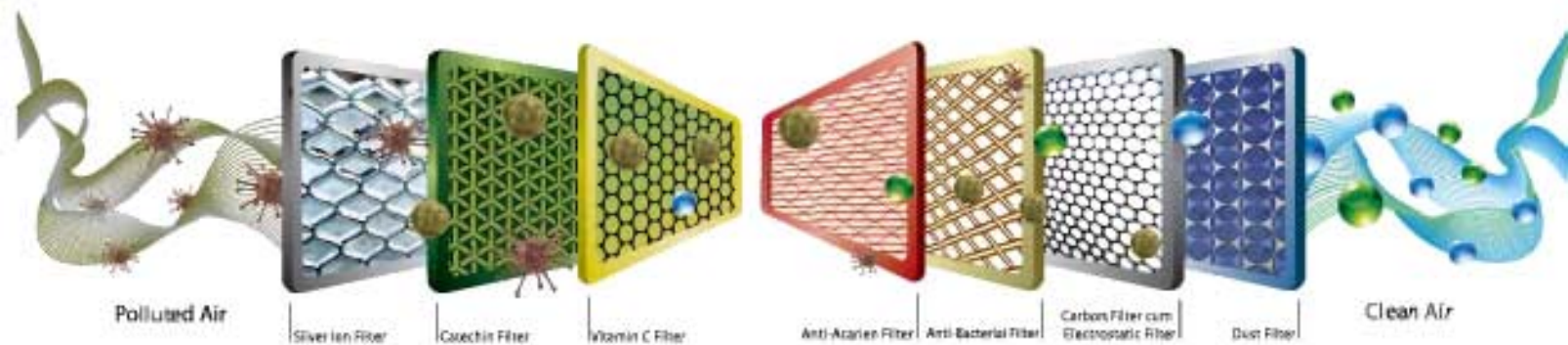


5 STAR - ZW



Pearl White

Stylish, elegant and good looking, this AC certainly adds to the beauty of your home. In fact, it comes in three attractive colours, Champagne Gold, Two Tone Silver and Pearl White, for you to choose from. A special film on the panel gives this AC the extra shine and enhances its beauty, giving your room a designer look. And being a 5 star rated AC, it helps you save on your electricity bills too.



5 STAR - ZS



Two Tone Silver

5 STAR - ZG



Champagne Gold

Multiple colour options for panels to suit your décor.

Features



I Feel



Blow Button



High Efficiency
Rotary Compressor



Auto Mode



Anti-Corrosive
Blue Fin Condenser



Powder-Coated
Outer Body



Self
Diagnosis



Anti-Freeze
Thermostat



On/Off Timer



Dry Mode



Wide Angle
Airflow



Fixed and Swing
Louvers



Air Flow
Direction Control



Display Panel



Hydrophilic
Fins Evaporator



Turbo
Operation



Long Distance
Piping Flexibility



Sleep Mode



Auto Restart with
Memory Backup



Energy Saver
Mode



Cleanable Panel



Multi-Fan
Speed



Elegant
Remote Control

Filters



Carbon Filter



Catechin Filter



Silver Ion Filter



Anti-Bacterial
Filter



Vitamin C Filter



Anti-Acaran
Filter



Dust Filter



I FEEL
Press to start/stop
I FEEL function

BLOW BUTTON
Press for self cleaning

5 STAR - Z

Here's an AC that offers you good looks, great performance and superb durability. It comes with long piping flexibility for demanding site conditions. And being a 5 star rated machine, this AC offers super savings too.



Features



I Feel



Blow Button



High Efficiency
Rotary Compressor



Auto Mode



Anti-Corrosive
Blue Fin Condenser



Powder-Coated
Outer Body



Multi-Fan
Speed



Anti-Freeze
Thermostat



Dry Mode



Wide Angle
Airflow



Fixed and Swing
Louvres



Air Flow
Direction Control



Display Panel



Hydrophilic
Fins Evaporator



Turbo
Operation



Long Distance
Piping Flexibility



Sleep Mode



Auto Restart with
Memory Backup



Energy Saver
Mode



On/Off Timer



Self
Diagnosis



Cleanable Panel



Elegant
Remote Control

Filters



Carbon Filter



Catechin Filter



Silver Ion Filter



Anti-Bacterial
Filter



Anti-Acarien
Filter



Vitamin C Filter



Dust Filter





3 STAR-T



This AC offers the perfect combination of power and style. A higher airflow improves the comfort level and its attractive good looks enhance your home décor.

Features

- | | | | | | | | |
|---|---|---|--|---|---|--|---|
| 
High Efficiency
Rotary Compressor | 
Auto Mode | 
Anti-Corrosive
Blue Pin Condenser | 
Powder-Coated
Outer Body | 
Turbo
Operation | 
Anti-Freeze
Thermostat | 
Self
Diagnosis | 
Auto Restart with
Memory Backup |
| 
Wide Angle
Airflow | 
Fixed and Swing
Louvers | 
Air Flow
Direction Control | 
Dry Mode | 
Hydrophilic
Fins Evaporator | 
Sleep Mode | 
Cleanable Panel | 
Display Panel |
| 
Multi-Fan
Speed | 
On/Off Timer | 
Elegant
Remote Control | | | | | |

Filters

- | | | |
|--|--|--|
| 
Carbon Filter cum
Electrostatic Filter | 
Bio cum
Eco Filter | 
Dust Filter |
|--|--|--|



- SWING**
Press to set a fixed angle
or swing between desired angles
- FAN SPEED**
Press to choose from 3 fan speeds
- SLEEP**
Press to start Sleep Mode

3 STAR - V

Here's an AC that combines good looks and super performance. This AC comes with the special I Feel feature that helps ensure an appropriate temperature around the user and not the unit. Thus it provides maximum comfort while saving energy at the same time. With specially designed unique features, this AC brings together great looks and great savings.

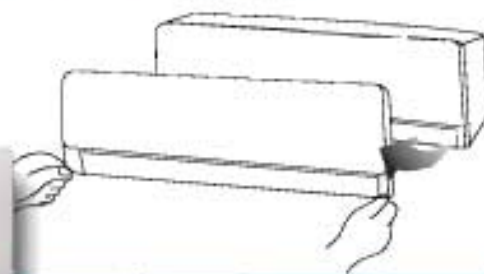
Features



Filters



CLEANABLE PANEL





2 STAR - R

From an advanced LED display, LCD remote to memory restart and wide angle airflow, this AC is packed with all the features of a Star Rated AC.

Features



High Efficiency Rotary Compressor



Auto Mode



Anti-Corrosive Blue Fin Condenser



Powder-Coated Outer Body



Turbo Operation



Anti-Freeze Thermostat



Self Diagnosis



Auto Restart with Memory Backup



Multi-Fan Speed



Wide Angle Airflow



Fixed and Swing Louvers



Air Flow Direction Control



Dry Mode



Cleanable Panel



Sleep Mode



Hydrophilic Fins Evaporator



Display Panel



On/Off Timer



Elegant Remote Control

Filters



Carbon Filter cum Electrostatic Filter



Bio cum Eco Filter



Dust Filter

BIO CUM ECO FILTER

Specialised Eco Filter and Biological Enzyme for purification of air

1

Bio Enzyme attaches to the cell wall of the germ



2

Enzyme dissolves the cell wall



3

Germ is rapidly destroyed



4

Pure, hygienic air is released into the room





Star Rated Window ACs

Good looks. Great performance.

Blue Star's star rated range of Window ACs brings together the benefits of superior cooling, energy-saving performance and aesthetic looks, all in one unit.

Available in 3 star, 2 star and 1 star, this AC offers you nothing but the best. With three fan speeds to choose from, an auto-restart with memory function, a filter check LED on the front panel and cordless LCD remote; this AC is specially designed keeping all your needs in mind.

Features



After 250 hours of operation, when the filter needs cleaning, the LED illuminates to remind you of it.

Filters



Available in 1 star, this 0.75 ton AC offers you all the features you would need in your AC. With a two fan speed operation, an auto restart with memory function and dust filter, this AC is ideal for small and compact spaces.

Features



2 Fan Speed



Auto Restart with
Memory Backup



Dry Mode



Anti-Freeze
Thermostat



Sleep Mode



Hydrophilic
Fins Evaporator



On/Off Timer



Auto Mode



Elegant
Remote Control

Filters



Dust Filter



0.75 Ton



Feature List

SPLIT AC

		Inverter S	Inverter C		5 Star D		5 Star ZG		5 Star ZS	
										
Model No		HNHW18SA	HNHW18CA	HNHW24CA	SHW12DA	SHW18DA	SHW12ZAG	SHW18ZAG	SHW12ZAS	SHW18ZAS
Features	Modes - Auto/Cool/Fan/Dry	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ
	Heat Mode	ⓘ	ⓘ	ⓘ						
	Turbo Cooling	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ
	Sleep Mode	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ
	Timer On/Off	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ
	Horizontal Louvre - Motorized	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ
	Vertical Louvre - Manual	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ
	Air Flow Direction Control	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ
	Auto Restart With Memory Function	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ
	Energy Saving Mode	ⓘ	ⓘ	ⓘ			ⓘ	ⓘ	ⓘ	ⓘ
	Fan Modes - Auto/High/Medium/Low	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ
	I Feel	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ
	Blow (B) / Self Clean (Sc)	ⓘ (B)	ⓘ (B)	ⓘ (B)	ⓘ (Sc)	ⓘ (Sc)	ⓘ (B)	ⓘ (B)	ⓘ (B)	ⓘ (B)
	Temp Compensation	ⓘ	ⓘ	ⓘ						
	Anti-Freeze Thermostat	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ
	Self Diagnosis	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ
	LED Display in IDU	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ
	Filter Configuration (A, C, D, B)	C	C	C	D	D	C	C	C	C
	Evaporator Fins - Hydrophilic Aluminium Fins	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ
	Condensor Fins - Anti-Corrosive Blue Fins	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ
Remote	LCD with Back Lit	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ
	Night Glow Function on Buttons				CB#	CB#	ⓘ	ⓘ	ⓘ	ⓘ

ⓘ - Available | CB# - Chrome Button | B - Blow | SC - Self Clean

Filter Configuration : A - BIO CUM ECO / CARBON CUM ELECTROSTATIC / DUST FILTER | C - CATECHIN / SILVER ION / ANTI-BACTERIAL / ANTI-ACAREN / ACTIVE CARBON / VITAMIN C / DUST FILTER | D - BIO CUM

WINDOW AC

		3 Star WAC	2 Star WAC
			
Model No		3WAE18T1YB	2WAE12T1YA
Features	Modes - Auto/Cool/Fan/Dry	ⓘ	ⓘ
	Sleep Mode	ⓘ	ⓘ
	Timer On/Off	ⓘ	ⓘ
	Vertical Louvre - Motorized	ⓘ	ⓘ
	Horizontal Louvre - Manual	ⓘ	ⓘ
	Auto Restart with Memory Function	ⓘ	ⓘ
	Energy Saving Mode	ⓘ	ⓘ
	Fan Modes	Auto/High/Medium/Low	Auto/High/Medium/Low
	Anti-Freeze Thermostat	ⓘ	ⓘ
	Self Diagnosis	ⓘ	ⓘ
	Filter	Dust Filter	Dust Filter
	Filter Check LED on Front Panel	ⓘ	ⓘ
	Evaporator Fins - Hydrophilic Aluminium Fins	ⓘ	ⓘ
	Condensor Fins	Anti-Corrosive Blue Fins	Anti-Corrosive Blue Fins
Remote	LCD Remote	ⓘ	ⓘ
	Night Glow Function on Remote Buttons		

3 Star 4W		3 Star 2		3 Star 1			3 Star V			2 Star II		
												
SHW12ZAW	SHW18ZAW	SHW12ZA	SHW18ZA	SHW12TA	SHW18TA	SHW24TA	SHW12VA	SHW18VA	SHW24VA	SHW12RA	SHW18RA	SHW24RA

Technical Specifications

INVERTER C & S

	Model No	HNHW18SA	HNHW18CA	HNHW24CA
Performance Parameters	Nominal Capacity (Ton)	1.5 Ton	1.5 Ton	2.0 Ton
	(Rated) Voltage / Frequency / Phase	230 V/50Hz/s*	230 V/50Hz/s*	230 V/50Hz/s*
	Cooling Capacity(Min~max) (Watt)	5275 (1260~6600)	5300 (1050~6500)	6450 (1500~7000)
	Heating Capacity(Min~max) (Watt)	5850 (1120~6800)	5700 (1000~7000)	7000 (1200~7800)
	Cooling Power Input (Min~max) (Watt)	1600 (380~2650) Watt	1600 (360~2500) Watt	1985 (350~2500) Watt
	Heating Power Input (Min~max) (Watt)	1620 (350~2650) Watt	1578 (350~2600) Watt	1930 (350~2700) Watt
	EER(W / W) Cooling	3.30	3.31	3.25
	EER(W / W) Heating	3.61	3.61	3.63
	Running Current (Cooling In Amps)	7.0 (1.7 ~ 11.6)	7.0 (1.6 ~ 10.9)	8.7 (1.5 ~ 10.9)
	Running Current (Heating In Amps)	7.1 (1.5 ~ 11.6)	6.9 (1.5 ~ 11.4)	8.5 (1.5 ~ 11.9)
	Moisture Removal (Litres/hour)	2	2	2
	Air Flow Volume (CFM) (High / Medium / Low)	460 / 382 / 324	400 / 330 / 270	470 / 382 / 323
	Noise Level Indoor (High/ Medium/ Low) in Db	44 / 40 / 35	40 / 37 / 32	42 / 37 / 32
Dimensions, Weight & Input Power Supply	IDU Dimension (W X H X D) mm	940 X 298 X 200	865 X 305 X 215	1008 X 319 X 221
	Input Power Supply	Outdoor Unit	Indoor Unit	Indoor Unit
	Net Weight IDU	13 Kg	12 Kg	15 Kg
	ODU Dimension (W X H X D) mm	955 X 700 X 396	955 X 700 X 396	955 X 700 X 396
	Net Weight ODU	47 Kg	52 Kg	52 Kg
Compressor	Compressor Type	Rotary	Rotary	Rotary
	Compressor Warranty	3 Year	3 Year	3 Year
Refrigerant and Ambient Operations	Refrigerant	R410a	R410a	R410a
	Ambient Temp (Cooling)°C	18°C~43°C	10°C~48°C	10°C~48°C
	Ambient Temp (Heating)°C	-7°C~24°C	-15°C~24°C	-15°C~24°C
	Defrosting Method	Automatic Defrosting	Automatic Defrosting	Automatic Defrosting
Tube Size and Piping Capability	Suction Tube Size	1/2"	1/2"	1/2"
	Liquid Tube Size	1/4"	1/4"	1/4"
	Max Piping Capability Horizontal (Metre)	20	20	20
	Max Piping Capability Vertical (Metre)	10	10	10

S* - Single

5 STAR D & ZG

	Model No	5HW12DA	5HW18DA	5HW12ZAG	5HW18ZAG
Performance Parameters	Nominal Capacity (Ton)	1.0 Ton	1.5 Ton	1.0 Ton	1.5 Ton
	Voltage / Frequency / Phase	230 V/50Hz/	230 V/50Hz/s*	230 V/50Hz/s*	230 V/50Hz/s*
	Cooling Capacity (Watt)	3340 Watt	5260 Watt	3530 Watt	5230 Watt
	Power Input (Watt)	1050 Watt	1650 Watt	1120 Watt	1630 Watt
	EER (W / W)	3.18	3.19	3.15	3.21
	Star Rating	5 Star	5 Star	5 Star	5 Star
	Running Current (Amps)	4.5	7.2	4.9	7.4
	Moisture Removal (Litres/hour)	1.2	1.8	1.4	2
	Air Flow Volume (CFM) (High / Medium / Low)	441 / 323 / 223	676 / 547 / 441	312/253/194	489/430/371
	Noise Level Indoor (High/ Medium/ Low) in Db	43 / 38 / 32	52 / 45 / 40	38 / 35 / 32	44 / 41 / 36
Dimensions, Weight & Input Power Supply	IDU Dimension (W X H X D) mm	995 X 292 X 200	1084 X 320 X 221	845 X 275 X 180	1007 X 315 X 219
	Input Power Supply	Indoor Unit	Indoor Unit	Indoor Unit	Indoor Unit
	Net Weight IDU	11.5 Kg	14 Kg	10 Kg	15.5 Kg
	ODU Dimension (W X H X D) mm	780 X 540 X 250	845 X 695 X 335	848 X 540 X 320	955 X 700 X 396
	Net Weight ODU	29 Kg	43 Kg	36 Kg	53 Kg
Compressor	Compressor Type	Rotary	Rotary	Rotary	Rotary
	Compressor Warranty	5 Year	5 Year	5 Year	5 Year
Tube Size and Piping Capability	Suction Tube Size	1/2"	1/2"	1/2"	1/2"
	Liquid Tube Size	1/4"	1/4"	1/4"	1/4"
	Max Piping Capability Horizontal (Metre)	10	12	20	20
	Max Piping Capability Vertical (Metre)	5	7	10	10

S* - Single

5 STAR ZS ZW & Z

	Model No	5HW12ZAS	5HW18ZAS	5HW12ZAW	5HW18ZAW	5HW12ZA	5HW18ZA
Performance Parameters	Nominal Capacity (Ton)	1.0 Ton	1.5 Ton	1.0 Ton	1.5 Ton	1.0 Ton	1.5 Ton
	Voltage / Frequency / Phase	230 V/50Hz/s*	230 V/50Hz/s*	230 V/50Hz/s*	230 V/50Hz/s*	230 V/50Hz/s*	230 V/50Hz/s*
	Cooling Capacity (Watt)	3530 Watt	5230 Watt	3530 Watt	5230 Watt	3530 Watt	5230 Watt
	Power Input (Watt)	1120 Watt	1630 Watt	1120 Watt	1630 Watt	1120 Watt	1630 Watt
	EER (W / W)	3.15	3.21	3.15	3.21	3.15	3.21
	Star Rating	5 Star	5 Star	5 Star	5 Star	5 Star	5 Star
	Running Current (Amps)	4.9	7.4	4.9	7.4	4.9	7.4
	Moisture Removal (Litres/hour)	1.4	2	1.4	2	1.4	2
	Air Flow Volume (CFM) (High/Medium/Low)	312/253/194	489/430/371	312/ 253/194	489/430/371	312/253/194	489/430/371
	Noise Level Indoor (High/Medium/Low) in Db	38 / 35 / 32	44 / 41 / 36	38 / 35 / 32	44 / 41 / 36	38 / 35 / 32	44 / 41 / 36
Dimensions, Weight & Input Power Supply	IDU Dimension (W X H X D) mm	845 X 275 X 180	1007 X 315 X 219	845 X 275 X 180	1007 X 315 X 219	845 X 275 X 180	1007 X 315 X 219
	Input Power Supply	Indoor Unit	Indoor Unit	Indoor Unit	Indoor Unit	Indoor Unit	Indoor Unit
	Net Weight IDU	10 Kg	15.5 Kg	10 Kg	15.5 Kg	10 Kg	15.5 Kg
	ODU Dimension (W X H X D) mm	848 X 540 X 320	955 X 700 X 396	848 X 540 X 320	955 X 700 X 396	848 X 540 X 320	955 X 700 X 396
	Net Weight ODU	36 Kg	53 Kg	36 Kg	53 Kg	36 Kg	53 Kg
Compressor	Compressor Type	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
	Compressor Warranty	5 Year	5 Year	5 Year	5 Year	5 Year	5 Year
Tube Size and Piping Capability	Suction Tube Size	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
	Liquid Tube Size	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
	Max Piping Capability Horizontal (Metre)	20	20	20	20	20	20
	Max Piping Capability Vertical (Metre)	10	10	10	10	10	10

S* - Single

3 STAR T

	Model No	3HW12TA	3HW18TA	3HW24TA
Performance Parameters	Nominal Capacity (Ton)	1.0 Ton	1.5 Ton	2.0 Ton
	Voltage / Frequency / Phase	230 V/50Hz/s*	230 V/50Hz/s*	230 V/50Hz/s*
	Cooling Capacity (Watt)	3185 Watt	5240 Watt	6640 Watt
	Power Input (Watt)	1135 Watt	1865 Watt	2450 Watt
	EER	2.81	2.81	2.71
	Star Rating	3 Star	3 Star	3 Star
	Running Current (Amps)	5	8.1	10.7
	Moisture Removal (Litres/hour)	1.5	2.6	3.3
	Air Flow Volume (Cfm) (High/Medium/low)	341/ 294 / 247	618 / 530 / 471	653 / 603 / 544
	Noise Level Indoor (High/ Medium/ Low) in Db	40 / 38/32	48 / 44 / 41	48 / 45 / 42
Dimensions, Weight & Input Power Supply	IDU Dimension (W X H X D) mm	790 X 275 X 195	1030 X 313 X 221	1030 X 313 X 221
	Input Power Supply	Indoor Unit	Indoor Unit	Indoor Unit
	Net Weight IDU	9 Kg	13 Kg	13 Kg
	ODU Dimension (W X H X D) mm	780 X 545 X 240	850 X 560 X 310	850 X 701 X 310
	Net Weight ODU	32 Kg	44 Kg	51 Kg
Compressor	Compressor Type	Rotary	Rotary	Rotary
	Compressor Warranty	5 Year	5 Year	5 Year
Tube Size and Piping Capability	Suction Tube Size	1/2"	1/2"	5/8"
	Liquid Tube Size	1/4"	1/4"	3/8"
	Max Piping Capability Horizontal (Metre)	10	12	12
	Max Piping Capability Vertical (Metre)	5	7	7

S* - Single

3 STAR V

	Model No	3HW12VA	3HW18VA	3HW24VA
Performance Parameters	Nominal Capacity (Ton)	1.0 Ton	1.5 Ton	2.0 Ton
	Voltage / Frequency / Phase	230 V/50Hz/s*	230 V/50Hz/s*	230 V/50Hz/s*
	Cooling Capacity (Watt)	3470 Watt	5100 Watt	6640 Watt
	Power Input (Watt)	1250 Watt	1850 Watt	2445 Watt
	EER (W / W)	2.78	2.76	2.72
	Star Rating	3 Star	3 Star	3 Star
	Running Current (Amps)	5.3	8.1	10.7
	Moisture Removal (Litres/hour)	1.4	2	2
	Air Flow Volume (CFM) (High/Medium/Low)	317 / 257 / 198	500 / 442 / 353	589 / 500 / 442
	Noise Level Indoor (High/ Medium/ Low) in Db	39 / 36 / 33	44 / 41 / 37	49 / 44 / 41
Dimensions, Weight & Input Power Supply	IDU Dimension (W X H X D) mm	848 X 274 X 189	1018 X 315 X 223	1018 X 315 X 223
	Input Power Supply	Indoor Unit	Indoor Unit	Indoor Unit
	Net Weight IDU	10 Kg	15.5 Kg	15.5 Kg
	ODU Dimension (W X H X D) mm	780 X 575 X 250	850 X 560 X 310	850 X 701 X 310
	Net Weight ODU	26 Kg	44 Kg	51 Kg
Compressor	Compressor Type	Rotary	Rotary	Rotary
	Compressor Warranty	5 Year	5 Year	5 Year
Tube Size and Piping Capability	Suction Tube Size	1/2"	1/2"	5/8"
	Liquid Tube Size	1/4"	1/4"	3/8"
	Max Piping Capability Horizontal (Metre)	10	12	12
	Max Piping Capability Vertical (Metre)	5	7	7

S* - Single

2 STAR R

	Model No	2HW12RA	2HW18RA	2HW24RA
Performance Parameters	Nominal Capacity (Ton)	1.0 Ton	1.5 Ton	2.0 Ton
	Voltage / Frequency / Phase	230 V/50Hz/s*	230 V/50Hz/s*	230 V/50Hz/s*
	Cooling Capacity (Watt)	3166 Watt	5101 Watt	6522 Watt
	Power Input (Watt)	1212 Watt	1950 Watt	2557 Watt
	EER (W / W)	2.61	2.62	2.55
	Star Rating	2 Star	2 Star	2 Star
	Running Current (Amps)	5.2	8.2	10.8
	Moisture Removal (Litres/hour)	1.5	2.6	3
	Air Flow Volume (CFM) (High / Medium / Low)	340 / 290 / 250	620 / 525 / 440	620 / 528 / 470
	Noise Level Indoor (High/ Medium/ Low) in Db	40 / 38 / 32	48 / 44 / 41	48 / 45 / 42
Dimensions, Weight & Input Power Supply	IDU Dimension (W X H X D) mm	790 X 275 X 195	1030 X 313 X 221	1030 X 313 X 221
	Input Power Supply	Indoor Unit	Indoor Unit	Indoor Unit
	Net Weight IDU	9 Kg	13 Kg	13 Kg
	ODU Dimension (W X H X D) mm	780 X 545 X 240	850 X 560 X 310	850 X 701 X 310
	Net Weight ODU	32 Kg	44 Kg	51 Kg
Compressor	Compressor Type	Rotary	Rotary	Rotary
	Compressor Warranty	5 Year	5 Year	5 Year
Tube Size and Piping Capability	Suction Tube Size	1/2"	1/2"	5/8"
	Liquid Tube Size	1/4"	1/4"	3/8"
	Max Piping Capability Horizontal (Metre)	10	12	12
	Max Piping Capability Vertical (Metre)	5	7	7

S* - Single

WINDOW AC

	Model No	3 Star WAC 3WAE181YB	2 Star WAC 2WAE121YA	2 Star WAC 2WAE181YA	1 Star 2.0ton WAC 1WAE241YA	1 Star 0.75ton WAC 1WA08YA
Performance Parameters	Nominal Capacity (Ton)	1.5 Ton	1.0 Ton	1.5 Ton	2.0 Ton	0.75 Ton
	Voltage / Frequency / Phase	230 V / 50Hz / S*	230 V / 50Hz / S*	230 V / 50Hz / S*	230 V / 50Hz / S*	230 V / 50Hz / S*
	Cooling Capacity (Watt)	4935	3475	4765	6025	2420
	Power Input (Watt)	1810 Watt	1380 Watt	1870 Watt	2450 Watt	995 Watt
	EER (W / W)	2.73	2.52	2.55	2.46	2.43
	Star Rating	3 Star	2 Star	2 Star	1 Star	1 Star
	Running Current (Amps)	7.9	5.8	8.2	10.9	4.5
	Moisture Removal (Litres/hour)	2.4	0.8	2	2.4	1
	Air Flow Volume (CFM) (High / Medium / Low)	603 / 530 / 483	306 / 273 / 239	430 / 398 / 373	589 / 534 / 475	294 / 273 / 246
	Noise Level Indoor (High/ Medium/ Low) In Db	60 / 57 / 54	54 / 50 / 48	52 / 50 / 48	62 / 50 / 58	55
Dimensions and Weight	Dimension (W X H X D) mm	660 X 428 X 770	618 X 375 X 560	660 X 428 X 700	660 X 428 X 770	450 X 346 X 535
	Net Weight	71 Kg	45	63	72 Kg	31 Kg
Compressor	Compressor Type	Rotary	Rotary	Rotary	Rotary	Rotary
	Compressor Warranty	5 Years	5 Years	5 Years	5 Years	5 Years

S* - Single

Saving 5 Star Vis-a-vis 3 & 2 Star AC

	5 Star	1.0 Ton 3 Star	2 Star
Power Input in Watt Per Hour	1050	1135	1212
Unit Consumption Per Hour	1.05	1.14	1.21
10 Hour Unit Consumption	10.5	11.4	12.1
Compressor Run Time 75% Unit Consumption	7.88	8.51	9.09
Per Unit Cost at Rs. 5.5	43.31	46.82	50
30 Day Running Cost in Rs.	1299.38	1404.56	1499.85
		5 Star Saving Versus 3 Star	5 Star Saving Versus 2 Star
5 Star Saving Per Month in Rs.	NA	105.19	200.48
5 Star Saving for 9 Month Operations in Rs.	NA	946.69	1804.28
5 Star Saving for 5 Year Operations in Rs.	NA	4733.44	9021.38
Savings on a 1.0 ton 5 Star AC over a 2 Star AC is approximately Rs. 9000 over 5 years of operation.			
	5 Star	1.5 Ton 3 Star	2 Star
Power Input in Watt Per Hour	1650	1865	1950
Unit Consumption Per Hour	1.65	1.87	1.95
10 Hour Unit Consumption	16.5	18.65	19.5
Compressor Run Time 75% Unit Consumption	12.38	13.99	14.63
Per Unit Cost at Rs. 5.5	68.06	76.93	80.44
30 Day Running Cost in Rs.	2041.88	2307.94	2413.13
		5 Star Saving Versus 3 Star	5 Star Saving Versus 2 Star
5 Star Saving Per Month in Rs.	NA	266.06	371.25
5 Star Saving for 9 Month Operations in Rs.	NA	2394.56	3341.25
5 Star Saving for 5 Year Operations in Rs.	NA	11972.81	16706.25
Savings on a 1.5 ton 5 Star AC over a 2 Star AC is approximately Rs. 16,700 over 5 years of operation.			



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