



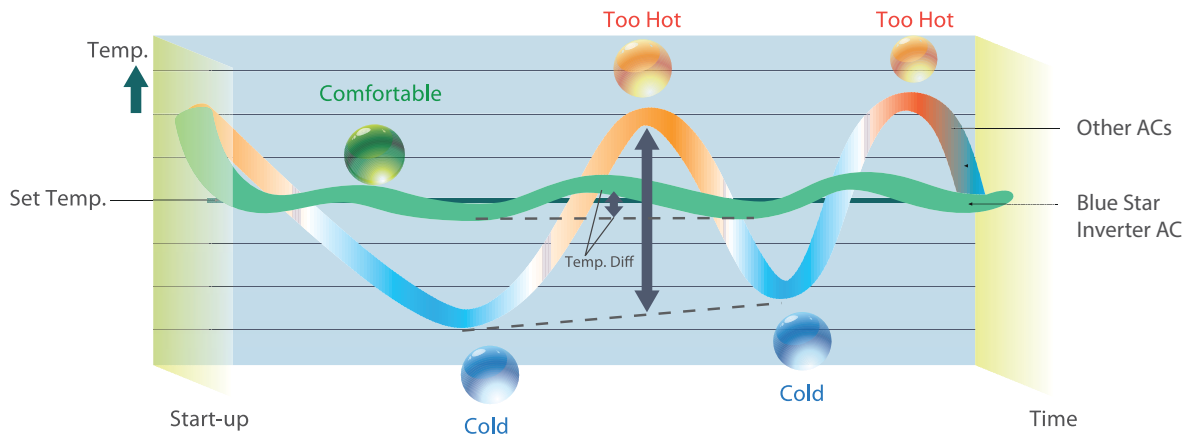
BLUE STAR



## HOYFA - SUPER TROPICAL HOT & COOL INVERTER SERIES

AN AIRCONDITIONER THAT  
COMFORTS YOU FROM -15°C ~ 60°C

Blue Star, India's leading air conditioning company with 75 years of experience in cooling and refrigeration, presents a brand new range of Hot and Cool, High Ambient Inverter AC with eco friendly refrigerant and can work even at 60°C. These ACs are equipped with Inverter compressors which change their frequency & RPM. This helps maintain a comfortable set temperature in the room. For e.g., a 1.5 TR Inverter AC can increase its capacity to 1.75 TR, so that the set temperature is achieved faster or decrease its capacity to 0.5 TR once the set temperature is achieved and thereby saving on power consumption. As there is no cut in and cut off, the life of the compressor increases due to minimised wear & tear.



Blue Star's Hot & Cool Inverter technology ensures reliable working through a variety of challenging climatic conditions, promising efficiency within the temperature range of -15°C to 60°C. What this means is that you stay cool in the summers, humidity-free through the monsoons and warm & snug during the winters.

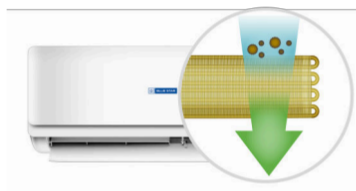
## Eco-friendly Refrigerant



Blue Star's Inverter air conditioners use environment friendly refrigerant like R410A which exhibits zero ozone depleting properties along with Polyolester (POE) which provides superior heat transfer capabilities, better lubrication and better oil return properties. The R410A refrigerant, which is wax-free is also safe for use in the environment.



## Gold Fin Heat Exchangers



Special anti-corrosive gold fins in the copper condenser and evaporator ensures better resistance to corrosion and increases the life of AC making it heavy-duty.



## i-Feel for Personalised Comfort Cooling and Heating



i-Feel is an advanced feature designed for your utmost comfort. Normally, air conditioners have only one temperature sensor on the indoor unit which senses the temperature around the unit and not necessarily near the user, leading to discomfort for the user, especially in large rooms.

Blue Star's i-Feel feature incorporates two temperature sensors, one on the unit and the other on the remote handset. In a large room you may choose to enable this feature on the remote. The remote when placed next to you will then sense the temperature around you and will control the temperature of the AC for your utmost comfort.



## Automatic 4D Swing for Uniform Cooling and Heating across the Room



Automatic 4D Swing with airflow directional control helps the user adjust the horizontal as well as the vertical swing or even stop at a particular angle. This adds to the users' comfort by letting them manage the airflow direction to suit their needs and avoid a direct draught of cold/hot air.



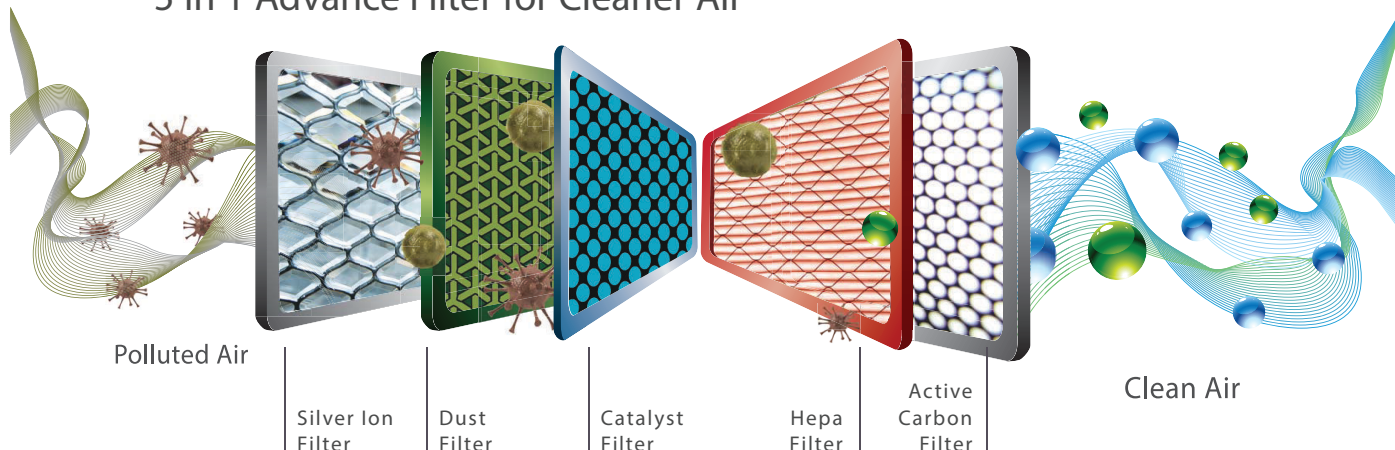
## Dual Rotor Compressor for Faster Cooling and Heating



Blue Star's Dual Rotor Inverter Technology is designed with Dual Rotor - high-performance Rotary Compressor, with two compression chambers. The unique design of the compressor results in silent, reliable, and high efficiency operation over a wide range of speeds with minimum vibrations.

Blue Star's Dual Rotor Inverter Technology results in faster cooling, leading to reduced vibration through dynamic balancing, achieving low noise levels and longer durability of the compressor.

## 5 in 1 Advance Filter for Cleaner Air



**Ag<sup>+</sup>**

### Silver Ion Filter

The filter prohibits the growth of microbes such as bacteria, fungi and spores while also eliminating unpleasant odour from the air.



### Dust Filter

The Dust Filter uses an advanced design that traps minute dust particles to keep the air you breathe healthy.



### Catalyst Filter

Eliminates formaldehyde and other volatile organic compounds as well as harmful gases.



### Hepa Filter

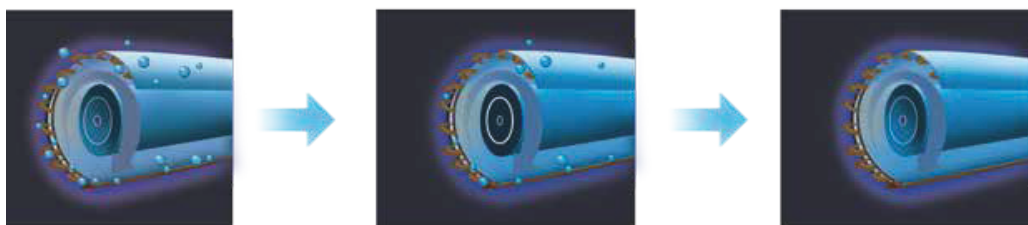
The Hepa Filter effectively eliminates the pollen, dust mites and tobacco smoke, bringing fresh and healthy air to you.



### Active Carbon Filter

The Active Carbon Filter absorbs and eliminates unpleasant odours so you enjoy fresh and clean air to breathe.

## Self Clean



The Self Clean feature in Blue Star's Split air conditioners prohibits accumulation of any kind of moisture, mold or dust within the indoor unit. Each time the user presses the 'Self Clean' button, the indoor fan dries out the coil in the indoor unit, ensuring the user enjoys clean and fresh air.



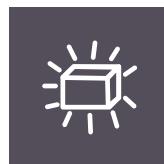
Eco Friendly  
Refrigerant - R410A



Automatic  
4D Swing



i-Feel / Follow me



Gold Fin Heat  
Exchangers



2 Way Flexi Drain  
Connection



Hidden  
Display



Self  
Clean



Heat  
Mode



Turbo  
Cooling



Energy Saving  
ECO Mode



Sleep  
Mode



Silence  
Mode



Self  
Diagnosis



Refrigerant  
Leak Detection



Long Distance  
Piping Flexibility

**INVERTER**

**R410A**

**ROTARY**

	Nominal Capacity	1 TR	1.5 TR	2 TR	2.5 TR
QATAR	Model	HW12HOYFAN3I-03	HW18HOYFAN3I-03	HW24HOYFAN3I-03	HW30HOYFAN3I-03
		HW12HOYFAN3O-03	HW18HOYFAN3O-03	HW24HOYFAN3O-03	HW30HOYFAN3O-03
	Energy Efficiency Class	6 Star	6 Star	6 Star	6 Star
BAHRAIN	Model	HW12HOYFAN3I-04	HW18HOYFAN3I-04	HW24HOYFAN3I-04	HW30HOYFAN3I-04
		HW12HOYFAN3O-04	HW18HOYFAN3O-04	HW24HOYFAN3O-04	HW30HOYFAN3O-04
	Energy Efficiency Class	6 Star	6 Star	6 Star	6 Star
UNIVERSAL	Model	HW12HOYFAN3I-00	HW18HOYFAN3I-00	HW24HOYFAN3I-00	HW30HOYFAN3I-00
		HW12HOYFAN3O-00	HW18HOYFAN3O-00	HW24HOYFAN3O-00	HW30HOYFAN3O-00

**QS SASO**  
QS SASO  
Certified

**EWA**  
EWA  
Certified

**G MARK**  
G MARK  
Certified

**CB**  
CB  
Certified

	Country	QATAR			
	Nominal Capacity	1 TR	1.5 TR	2 TR	2.5 TR
Performance Parameters	Voltage / Frequency / Phase	220-240 V / 50Hz / Single			
	Cooling Capacity (BTU/h) @ T3	10691	15419	18326	22806
	Cooling Capacity (Watt) @ T3	3133	4519	5371	6684
	Power Input (Watt) @ T3	1107	1598	1969	2580
	EER - (BTU/h/Watt) @ T3	9.66	9.68	9.31	9.09
	Cooling Capacity (BTU/h) @ T1	11941	16531	21192	26620
	Cooling Capacity (Watt) @ T1	3500	4845	6211	7802
	Power Input (Watt) @ T1	890	1272	1553	2139
	EER - (BTU/h/Watt) @ T1	13.41	13.03	13.64	12.92
	Heating Capacity (BTU/h) @ H1	12120	17889	25298	27671
	Heating Capacity (Watt) @ H1	3552	5243	7414	8110
	Power Input (Watt) @ H1	965	1376	2154	2090
	COP - (Watt/Watt) @ H1	3.68	3.81	3.44	3.89

	Country	BAHRAIN / UNIVERSAL			
	Nominal Capacity	1 TR	1.5 TR	2 TR	2.5 TR
Performance Parameters	Voltage / Frequency / Phase	220-240 V / 50Hz / Single			
	Cooling Capacity (BTU/h) @ T3	10690	15426	18330	22800
	Power Input (Watt) @ T3	1107	1598	1969	2580
	EER - (BTU/h/Watt) @ T3	9.66	9.65	9.31	8.84
	EER - (BTU/h/Watt) @ T3 (as per EWA)	10.35	9.65	9.33	9.16
	Cooling Capacity (BTU/h) @ T1	11940	16528	21160	26570
	Power Input (Watt) @ T1	890	1272	1553	2139
	EER - (BTU/h/Watt) @ T1	13.41	12.99	13.63	12.42
	EER - (BTU/h/Watt) @ T1 (as per EWA)	14.33	12.99	13.63	12.82
	Heating Capacity (Watt) @ H1	3552	5243	7415	8093
	Power Input (Watt) @ H1	965	1376	2154	2090
	COP - (Watt/Watt) @ H1	3.68	3.81	3.44	3.87
	COP - (Watt/Watt) @ H1 (as per EWA)	3.83	3.84	3.44	3.87

	Nominal Capacity	1 TR	1.5 TR	2 TR	2.5 TR
Indoor	Filter Configuration	Cold Catalyst filter / HEPA filter / Silver filter / Carbon filter / Dust Filter			
	Evaporator	Hydrophilic Gold Fin			
	Air Flow (Wet CMH) (Turbo/High/Medium/Low)	680 / 605 / 480 / 390	1250 / 1190 / 910 / 850	1250 / 1150 / 920 / 810	1420 / 1300 / 1100 / 980
	Noise Level (Turbo/High/Medium/Low) in dB(A)	43 / 42 / 37 / 33	50 / 49 / 42 / 41	52 / 50 / 45 / 43	52 / 50 / 46 / 43
	Dimension (W x H x D) mm	802 x 297 x 189	1080 x 335 x 226	1080 x 335 x 226	1259 x 362 x 282
	Net Weight (kg)	9	14	14	20
	Condenser	Anti Corrosive Gold Fin Copper Condenser			
Outdoor	Noise Level in dB(A)	55	59	61	61
	Dimensions (W x H x D) mm	800 x 554 x 333	845 x 702 x 363	946 x 810 x 410	946 x 810 x 410
	Net Weight (kg)	38	46	60	65
Tube Size	Suction Tube Size Outer Diameter (mm)	φ12.7	φ12.7	φ15.9	φ19
	Liquid Tube Size Outer Diameter (mm)	φ6.35	φ6.35	φ9.52	φ9.52
Input Power Supply		Outdoor unit	Outdoor unit	Outdoor unit	Outdoor unit

\*Blue Star has a policy of continuous product and product data improvement and reserves the right to change design and specifications without notice.



Authorised Distributor

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