



Star Rated Hi-Wall Split ACs
They cool. They purify. They save.



High Performance Cooling without High Power Bills



Presenting the Star Rated Hi-Wall Splits from Blue Star

Be it your office, or your home, now you can expect the very best cooling with Blue Star's star rated range of Hi-Wall Split ACs. Certified to be 2 Star, 3 Star and 5 Star rated by the BEE (Bureau of Energy Efficiency), these Split ACs offer you the dual advantage of high performance cooling without high electricity bills. What's more, their elegant design ensures they augment your modern interior décor perfectly.





Design Backed by Experience

No doubt, the star rated Split ACs will reduce your power bill. But often what matters more is picking the right AC for your needs and your space. That's why, before installing one of these high performance ACs, **we perform a professional heat load calculation for your space**, and suggest the perfect AC for you. Our technicians also ensure that your AC is installed correctly. Our 65 years of airconditioning experience has streamlined our processes to ensure superior and reliable cooling for you at all times.

Performance Backed by Quality

Blue Star's star rated Split ACs are not just designed to deliver superior cooling, they are high quality machines built to operate without a glitch. Products of a **world-class manufacturing process**, we ensure that the very best materials and workmanship go into building them. Stringent quality tests also ensure they deliver on their promise of performance. For instance, the 500-hour salt water spray test guarantees corrosion resistance of the ACs' various parts. And the noise test ensures whisper quiet operation. Not to mention the series of electrical tests that ensure adherence to the ACs' star rated status.



High Performance Filtration for Healthy Indoor Air

Blue Star's star rated Hi-Wall Splits, while cooling your space efficiently, also offer you the added advantage of pure, germ-free and allergen-free air. That's because they come equipped with hi-tech filters that block dust, moulds, bacteria, viruses and other allergy causing agents.

All the three models (2, 3 and 5 Star) come with advanced filters, which are explained in more detail below.

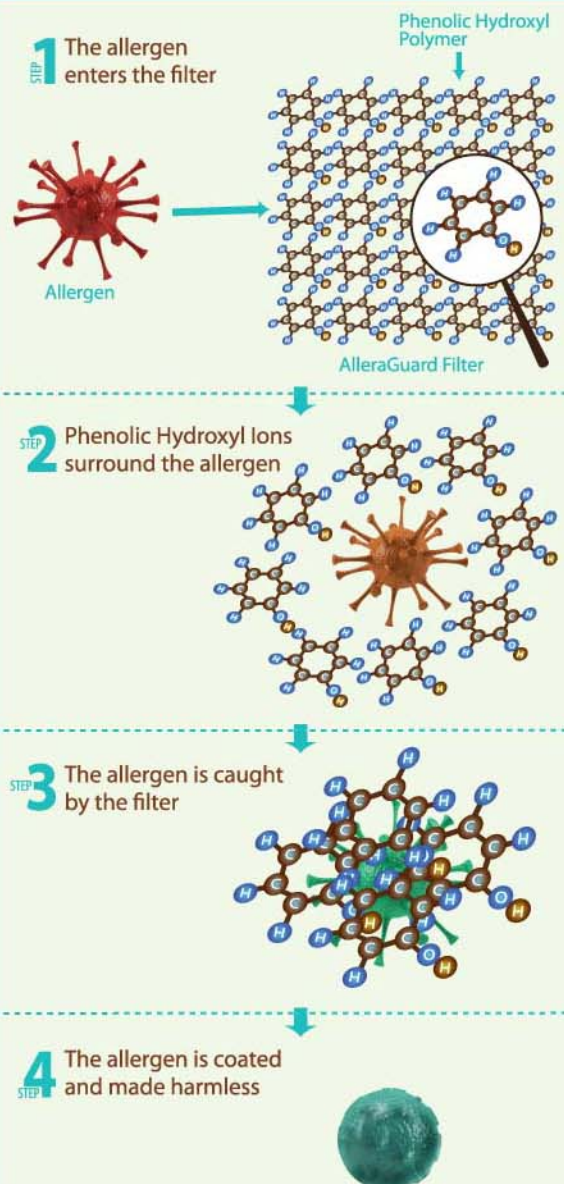
AlleraGuard Filter

The 5 Star Hi-Wall Split comes equipped with the AlleraGuard Filter. This three-layered filter, made up of Phenolic Hydroxyl Polymer, offers comprehensive protection by neutralising allergens, viruses and bacteria in the air you breathe. It inactivates over 99% of all filter-captured allergens and viruses, and its enzymatic action eliminates more than 99% of all filter-captured bacteria and moulds.

Some common airborne allergens:



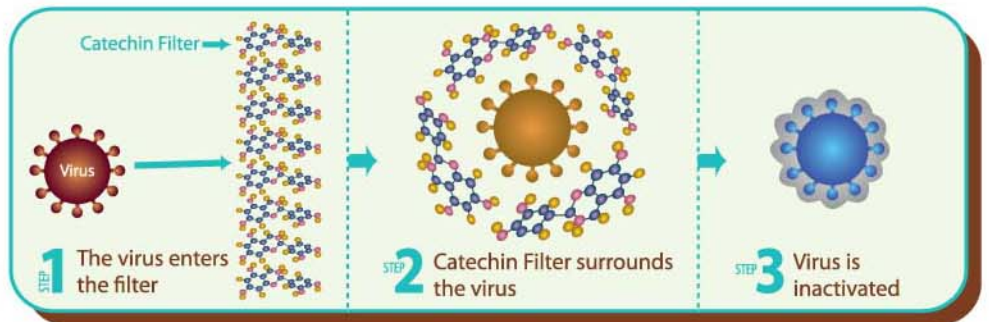
HOW ALLERGENS ARE CAPTURED





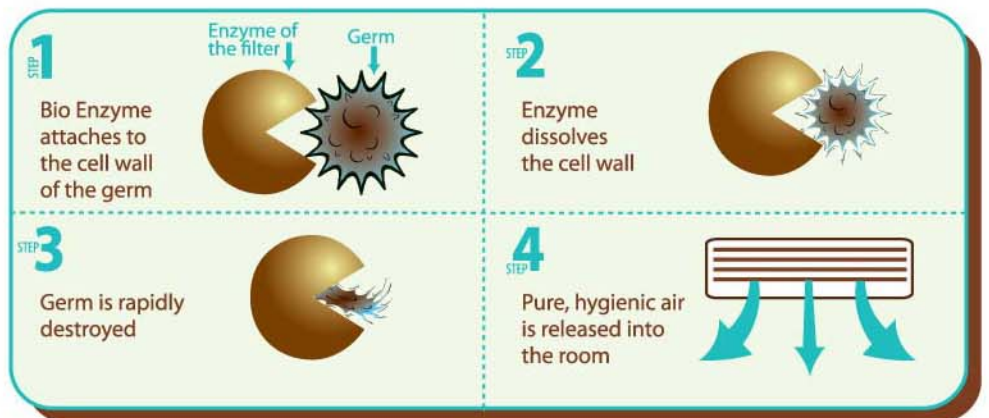
Catechin Filter

The Catechin Filter, a part of the AlleraGuard filter, efficiently filters dust and microbes present in the air. It inactivates more than 95% of all filter-captured viruses which include ones that cause influenza, the coxsackie virus and others. Catechin is a polyphenol or tannin (the astringent element in tea) extraction.



Bio Filter

The 2 Star and 3 Star models come equipped with the Bio Filter, which through a specialised biological enzyme destroys 95% of bacteria in the air. The Bio Filter also comes with an Eco Filter to catch tiny, airborne dust particles and neurilities like bacteria, fungi and other microbes. It traps 99% of dust that is less than 0.3 μm in size.



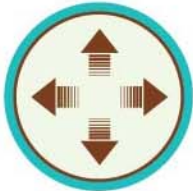
ACEF Filter

The Activated Carbon cum Electrostatic Fibre (ACEF) is a special filter installed in the 2 Star and 3 Star Hi-Wall Split ACs that eliminates odours such as that of ammonia and inactivates harmful chemical gases such as formaldehyde. By forming pre-charged ions on the filter surface, it also traps small dust particles and smoke, thus improving your indoor air quality significantly.

Standard Synthetic Media Filter

All units also come equipped with standard synthetic media filters to offer added filtration of the air being circulated by your AC.

Other Important User-Friendly Features



4-way Oscillating Louvres

In the 5 Star models, both the horizontal and vertical louvres oscillate, allowing for smooth flow of cool air to every corner of the room.

In the 2 and 3 Star models, the horizontal louvres oscillate while the vertical louvres are manually adjustable to ensure well circulated air flow.

3-Speed Fan with Auto Fuzzy Logic Control

In the Auto Mode, the fuzzy logic control ensures that the AC automatically switches to higher fan speeds when the temperature inside rises and vice versa. This ensures convenient, fast and efficient cooling.



Dry Mode

When your room feels humid and clammy, switching to the Dry Mode helps to remove the moisture from the air quicker.

Multi-Circuit 'D' Coil Evaporator

The cooling coil uses 'Distributed Parallel Flow' technology to cool the entire coil surface at the same time to ensure fast and uniform cooling of air.



'Blue Fin' Coated Evaporator

New hydrophilic coating technology enhances the heat transfer efficiency of the copper tubes in the coils and squeezes out the moisture collected for more effective draining.

Good Looking, Easy-to-Clean Front Panel

The aesthetically designed front panels of the Split ACs are not just good to look at but easy to clean as well. The front panel can be removed and washed with mild detergent and water.



Display Panel

An LED display on the Split AC panel allows you to easily view the set operating temperature and other settings.

Fire-Safe Power Supply

The heavy powerlines go directly to the outdoor unit, eliminating higher currents in the Indoor Unit.



Elegant Remote Control

All three models come with modern looking, easy-to-use remotes, packed with features:

- Fuzzy Logic
- Auto Swing
- Auto Restart
- Programmable Timer
- Time Delay
- Comprehensive Digital Display
- Dry Mode
- Economy/Sleep Mode
- Non-volatile Memory

Technologically Advanced Outdoor Units

Blue Star's star rated Hi-Wall Splits come with a state-of-the-art outdoor unit.



High Efficiency Rotary Compressor

The imported, high energy-efficiency rotary compressor with a built in accumulator is so designed as to deliver maximum cooling with the lowest electricity use.

Glass-Filled Plastic Fan Blade

The glass-filled plastic condenser fan blade won't rust even when exposed to air with high salt water content or chemicals. It is also quiet when working, while drawing more air to cool the accumulated heat in the AC.



Anti-Corrosion Fins

The condenser coil is coated with a special substance that protects it from the corrosive action of salt water and other chemicals. This is particularly useful if the AC is installed in the vicinity of the sea. The anti-corrosive layer doubles the life of the AC, while improving the heat transfer (and hence the cooling) efficiency of the AC.

Protection Guard

The condenser coil is protected by a UV-treated synthetic net guard to protect the aluminium fins from damage.



Powder-Coated Outer Body

The outdoor units have been built keeping in mind harsh Indian climatic conditions. The metal body of the unit is protected against rusting by using treated zinc sheets, and by coating them with polyester powder paint. This increases its life significantly.



Technical Specifications

2 & 3 Star Rated Split Airconditioners

Parameters	Units	2 Star Rated			3 Star Rated			
Model	-	2HW12RA	2HW18RA	2HW24RA	3HW121YC	3HW181YC	3HW181YD	3HW241YC
Nominal Capacity	TR	1	1.5	2	1	1.5	1.5	2
Cooling Capacity	Watts	3166	5101	6522	3210	5200	5200	6800
Power Consumption	Watts	1212	1950	2557	1160	1875	1875	2515
EER	W/W	2.61	2.62	2.55	2.77	2.77	2.77	2.70
Indoor Unit		Bio Filter, Activated Carbon cum Electrostatic Fibre Filter						
Dimensions (W x D x H)	mm	790 x 195 x 275	1030 x 221 x 313	1030 x 221 x 313	815 x 215 x 280	1080 x 235 x 330	1030x221x313	1080 x 235 x 330
Nominal Airflow - Hi-Low	CMH	580/420	1050/750	1050/800	560/480	1050/650	1050/600	1050/880
Indoor Noise Level	db(A)-Hi/Me/Low	40/38/32	48/44/41	48/45/42	43/40/37	47/43/40	48/40/38	50/47/44
Fan Speed		3	3	3	3	3	3	3
Moisture Removal	ltr/hr	1.5	2.6	3	1.3	2.4	2.6	2.6
Net Weight	Kg.	9	13	13	11	17	13	17
Special Filtration		Bio Filter, Activated Carbon cum Electrostatic Fibre Filter						
Outdoor Unit		Bio Filter, Activated Carbon cum Electrostatic Fibre Filter						
Dimensions (W x D x H)	mm	780 x 240 x 545	850 x 310 x 560	850 x 310 x 701	780 x 240 x 545	850 x 310 x 560	850x310x701	850 x 310 x 701
Electrical Power Supply		230V - 1Ph - 50 Hz						
Compressor		Rotary						
Net Weight	Kg.	32	44	51	32	44	44	51
Pipe Connections		Bio Filter, Activated Carbon cum Electrostatic Fibre Filter						
Suction Tube Size	Inches	1/2"	1/2"	5/8"	1/2"	1/2"	1/2"	5/8"
Liquid Tube Size	Inches	1/4"	1/4"	3/8"	1/4"	1/4"	1/4"	3/8"

5 Star Rated Split Airconditioners

Parameters	Units	5 Star Rated	
Model	-	5HW121YA	5HW181YA
Nominal Capacity	TR	1	1.5
Cooling Capacity	Watts	3454	5157
Power Consumption	Watts	1110	1650
EER	W/W	3.11	3.13
Indoor Unit		AlleraGuard Filter	
Dimensions (W x D x H)	mm	998 x 230 x 275	998 x 230 x 275
Nominal Airflow - Hi-Low	CMH	660/525	900/660
Noise Level - Hi-Low	db(A)	41/36	46/40
Fan Speed		4	4
Moisture Removal	ltr/hr	1.5	2.5
Net Weight	Kg.	11	11
Special Filtration		AlleraGuard Filter	
Outdoor Unit		AlleraGuard Filter	
Dimensions (W x D x H)	mm	850 x 310 x 560	850 x 310 x 701
Electrical Power Supply		230V / 1 Ph / 50 Hz	
Compressor		Rotary	
Net Weight	Kg.	44	51
Pipe Connections		AlleraGuard Filter	
Suction Tube Size	Inches	1/2"	5/8"
Liquid Tube Size	Inches	1/4"	1/4"

* Specifications are subject to change due to continuous product development



For more information, please contact **BLUE STAR LIMITED** • **Ahmedabad:** 2nd Floor, Shivalik-II, Near Shivrangani 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, Satya Nagar, 2nd Floor, Bhubaneswar - 751 007. Tel: (0674) 2572403 / 2573670 • **Chandigarh:** SCO 1, Madhya Marg, Sector 26, Chandigarh - 160 019. Tel: (0172) 5024000 • **Chennai:** No. 104, Old No. 46, Garuda Building, Cathedral Road, Chennai - 600 086. Tel: (044) 42444000 • **Goa:** 1st Floor, Buddhaseth Apts., Tonca, Caranzalem, 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, Ulubari, Guwahati - 781 007. Tel: (0361) 2468496 • **Jaipur:** A-19, 1st Floor, Main Sahakar Path, Near Sahakar Bhavan, 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:** Blue Star House, 9-A, Ghatkopar Link Road, Saki Naka, Mumbai - 400 072. Tel: (022) 66684100 • **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, Bantla Estate, Secunderabad - 500 003. Tel: (040) 44004100 • **Thiruvananthapuram:** T. C. IX/1490, 'Chandrika', Sasthamangalam, Thiruvananthapuram - 695 010. Tel: (0471) 2720025 / 65 • **Vadodara:** Ramakrishna Chambers, 7th Floor, Productivity Road, Alkapuri, Vadodara - 390 007. Tel: (0265) 2330334/6614100 • **Visakhapatnam:** D. No. 49-24-65/1, Near Sankarmattam Road, Madhura Nagar, Visakhapatnam 530 016. Tel: (0891) 2748405 / 2748433

• email: coolingsolutions@bluestarindia.com • Visit us at: www.bluestarindia.com