

SHARP

In step with your future.

The art *of* cooling



India's First Window AC With **ACTIVE AIR PURIFIER**

Experience Japanese cooling better than any general AC.

The Art *of* Cooling

For over a century, **Sharp has been perfecting the harmony between technology and craftsmanship.**

Rooted in Japan - where precision is a way of life - Sharp brings a philosophy that sees cooling not just as performance, but as an experience.

Innovated in Japan. Designed for Indian needs.

Every Sharp Air Conditioner carries the discipline of Japanese engineering, thoughtfully adapted to India's diverse climate, power conditions, and everyday usage. From intense summers to long operating hours, Sharp ACs are built to perform with quiet confidence and lasting reliability.

Here, art meets craftsmanship. Where design is purposeful, engineering is meticulous, and technology works with effortless elegance.

At Sharp, innovation doesn't overwhelm - it **flows seamlessly**, creating comfort that feels natural, consistent, and refined. Cooling that responds intelligently. Performance that endures. Air that feels purer.

Because cooling should do more than reduce temperature. It should **enhance the way you live.**

**SHARP AIR CONDITIONERS
THE ART OF COOLING**



The Art *of* Comfort



AUTO RESTART COMFORT RESUMES AUTOMATICALLY

Automatically resumes with your last settings after a power cut.



4-WAY SWING UNIFORM COOLING IN EVERY DIRECTION

4-Way Swing ensures even airflow in every direction.



DUST FILTER

Advanced dust filter removes airborne impurities for cleaner, fresher air.



4-IN-1 CONVERTIBLE COOLING COOLING THAT ADAPTS TO EVERY NEED

4-in-1 Convertible AC adapts cooling and power as per your needs.



TOUCH CONTROLS EFFORTLESS CONTROL AT YOUR FINGERTIPS

Intuitive touch panel for smooth, effortless control.



TOP AIR THROW FASTER, WIDER COOLING FROM ABOVE

Top Air Throw delivers faster, wider cooling.



QUICK FREEZE

Quick Freeze delivers instant high-power cooling.



LOW NOISE OPERATION COOLING YOU CAN BARELY HEAR

Advanced airflow design ensures powerful yet quiet cooling.

The Art *of* Reliability



HI-TECH INVERTER EFFICIENT COOLING WITH LOWER ENERGY CONSUMPTION

Continuously adjusts compressor speed for energy-efficient performance.



TWIN MOTOR TECHNOLOGY

Twin Motor Technology uses two motors for separate functions, delivering better cooling, airflow, and efficiency.



100% COPPER BUILT FOR EFFICIENCY AND DURABILITY

Copper condenser and tubes for reliable, efficient operation.



HEAVY DUTY COOLING POWERFUL COOLING FOR EXTREME CONDITIONS

Heavy Duty Cooling ensures powerful performance even in extreme heat.



R32 REFRIGERANT EFFICIENT AND ECO-FRIENDLY COOLING

R32 refrigerant delivers efficient, eco-friendly cooling



ENERGY SAVING MODE OPTIMISED COOLING WITH LOWER POWER CONSUMPTION

Energy Saving Mode reduces power use while maintaining comfort.

PLASMACLUSTER™ ION TECHNOLOGY IN SHARP AIR CONDITIONERS



THE AIR CONDITIONER DISTRIBUTES
CLEAN AIR, BECAUSE IT IS CLEAN INSIDE.



Plasmacluster

Developed by Sharp Corporation, Plasmacluster™ Ion Technology is an advanced air-care innovation integrated into Sharp Air Conditioners to deliver cleaner, healthier, and fresher indoor air along with superior cooling comfort.

Unlike conventional ACs that only cool the air, Sharp ACs with Plasmacluster™ actively purify and condition the air circulating inside the room.

WHAT HAPPENS INSIDE A PLASMACLUSTER™ AC

— WHEN THE SHARP AIR CONDITIONER IS OPERATING: —

ION GENERATION INSIDE THE AC UNIT

The built-in Plasmacluster ion generator releases:

- Positive ions (H^+)
- Negative ions (O_2^-)

ION DISPERSION WITH CONDITIONED AIR

These ions are evenly distributed throughout the room via the AC airflow, ensuring full-room coverage, not just near the indoor unit.

ACTIVE AIR TREATMENT IN REAL TIME

The ions interact directly with:

- Airborne viruses
- Bacteria
- Mold & fungi
- Allergens (dust mite, pollen)
- Odor-causing molecules

ADVANTAGES OVER CONVENTIONAL ACS

Conventional AC	Sharp AC with Plasmacluster™
Only cools air	Cools + purifies air
Circulates pollutants	Suppresses airborne pollutants
No active hygiene control	Active virus & allergen suppression
Odors remain trapped	Odors neutralized
Air quality depends on filters only	Filter + ion-based purification

SAFETY & HUMAN COMFORT

Negligible ozone | Safe for long indoor use
No chemical residue | Converts back to water vapour

✓ Suitable for 24x7 usage | ✓ Safe for families

IDEAL USAGE

Bedrooms | Living rooms | Offices | Clinics & study rooms

Best for sealed spaces with limited fresh air.

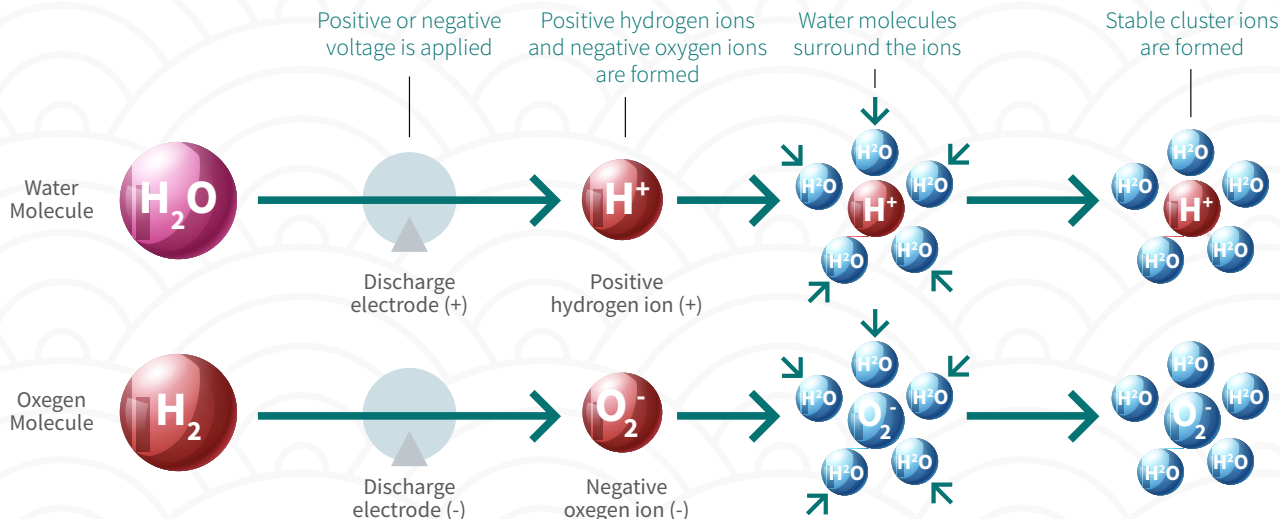
SCIENTIFIC WORKING MECHANISM

WHEN PLASMACLUSTER IONS COME IN CONTACT WITH HARMFUL AIRBORNE PARTICLES:

- Positive and negative ions bond on the surface of contaminants
- They form highly reactive hydroxyl (**OH**) radicals

- These radicals break down surface proteins of:
 - Viruses • Bacteria • Mold spores • Allergens
- The radicals instantly convert back into water vapor (H_2O)
- ✓ No residue ✓ No chemicals ✓ No harmful by-products

This process continuously occurs while the AC is running.



PLASMACLUSTER™ ION TECHNOLOGY

Actively suppresses viruses, mold, allergens and odours while cooling, delivering cleaner, healthier indoor air with every cycle.



Active Air Purification
During Cooling



Virus & Allergen
Suppression



Mold & Odor
Control



Nature-Inspired
Ion Technology



Safe, Chemical-Free
Air Care



CERTIFICATE INSTITUTION

The worldwide institutions have proven the efficacy of Plasmacluster ions.

China Shanghai Municipal Center for
Disease Control and Prevention

Georgia National Center of
Tuberculosis and Lung Diseases

Germany Professor Gerhard Artmann,
Aachen University of Applied Sciences
University of Lübeck

Indonesia University of Indonesia

Korea Seoul National University

Thailand Chest Disease Institute

UK Retroscreen Virology, Ltd.

USA Dr. Melvin W. First, Professor Emeritus,
Harvard School of Public Health
Columbia University Irving Medical Center, USA

India Indian Institutes of Technology Delhi

Vietnam Hanoi College of Technology,
Vietnam National University
Institut Pasteur, Ho Chi Minh City



Scan to know more



Certified by The
British Allergy
Foundation





JAPAN QUALITY 7 SHIELDS

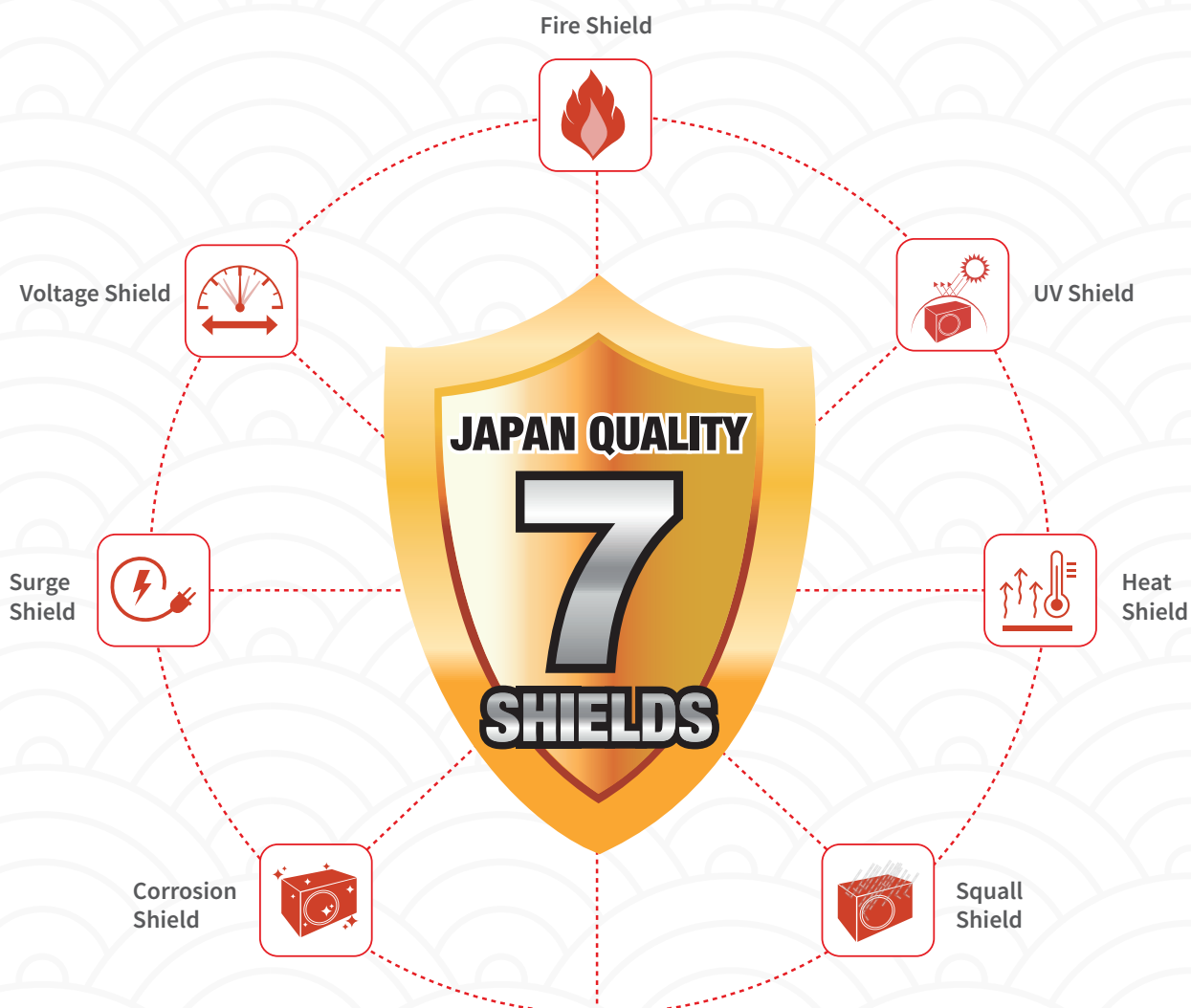
Seven layers of protection,
perfected by Japanese engineering.

HOW IT WORKS

Sharp ACs are engineered with **7 protective shields** designed to withstand extreme Indian conditions, voltage fluctuation, heat, heavy rain, corrosion, UV exposure, lightning surge, and fire risks. Each component is tested for durability and long-term stability.

BENEFITS

- Protection from voltage fluctuation (wide operating range)
- Heat-resistant performance in extreme summers
- Water-resistant outdoor unit during heavy rains
- Lightning & surge protection
- UV-resistant coating for outdoor durability
- Anti-corrosion protection for longer lifespan
- Fire-safe circuit protection





HI-TECH INVERTER TECHNOLOGY

Smart Cooling with Optimised Power Consumption

HI-TECH
INVERTER

HOW IT WORKS

The inverter continuously adjusts compressor speed based on room temperature demand. Instead of frequent start-stop cycles, it maintains **stable cooling with variable speed operation**.

BENEFITS

- Lower electricity consumption
- Stable temperature without fluctuation
- Reduced wear & tear
- Longer compressor life
- Quiet operation

KEY HIGHLIGHTS

- ✓ Intelligent Speed Control
- ✓ Energy Efficient Operation
- ✓ Consistent Cooling Performance



TWIN MOTOR TECHNOLOGY

Smoother, Quieter and More Efficient Cooling



HOW IT WORKS

Twin Motor Technology uses two dedicated motors - one for the compressor and one for the fan - for efficient performance. This ensures faster cooling, consistent airflow, and improved energy efficiency.

BENEFITS

- Faster cooling response
- Low Noise Operation
- High Energy Efficiency
- Uniform Airflow Distribution
- Enhanced Product Durability

KEY HIGHLIGHTS

- ✓ Dual motor system for optimized performance
- ✓ Low Noise Technology
- ✓ Faster and more efficient cooling



HEAVY DUTY PERFORMANCE WORKS UNDER 52° TEMP

Engineered for Extreme Heat & Long Usage

HOW IT WORKS

Built with high-ambient performance components and reinforced compressor design, ensuring reliable cooling even in **peak summer temperatures** and prolonged operating hours.

BENEFITS

- Efficient cooling in extreme outdoor temperatures
- Stable performance during long-hour usage
- Durable internal components
- Designed for Indian summers

KEY HIGHLIGHTS

- ✓ High Ambient Cooling
- ✓ Long-Hour Operation Ready
- ✓ Robust Engineering



TURBO COOL & LONG AIR THROW

Instant Cooling with Extended Reach

HOW IT WORKS

Turbo mode increases compressor speed and airflow for **rapid temperature drop**, while optimized fan motor and vent design project cool air across longer distances in the room.

BENEFITS

- Faster room cooling
- Immediate comfort in hot rooms
- Uniform cooling in large spaces
- Better airflow penetration

KEY HIGHLIGHTS

- ✓ Rapid Cooling Mode
- ✓ Extended Air Reach
- ✓ Powerful Fan Performance





COANDA AIR FLOW

Gentle, Draft-Free & Wide Cooling Distribution

HOW IT WORKS

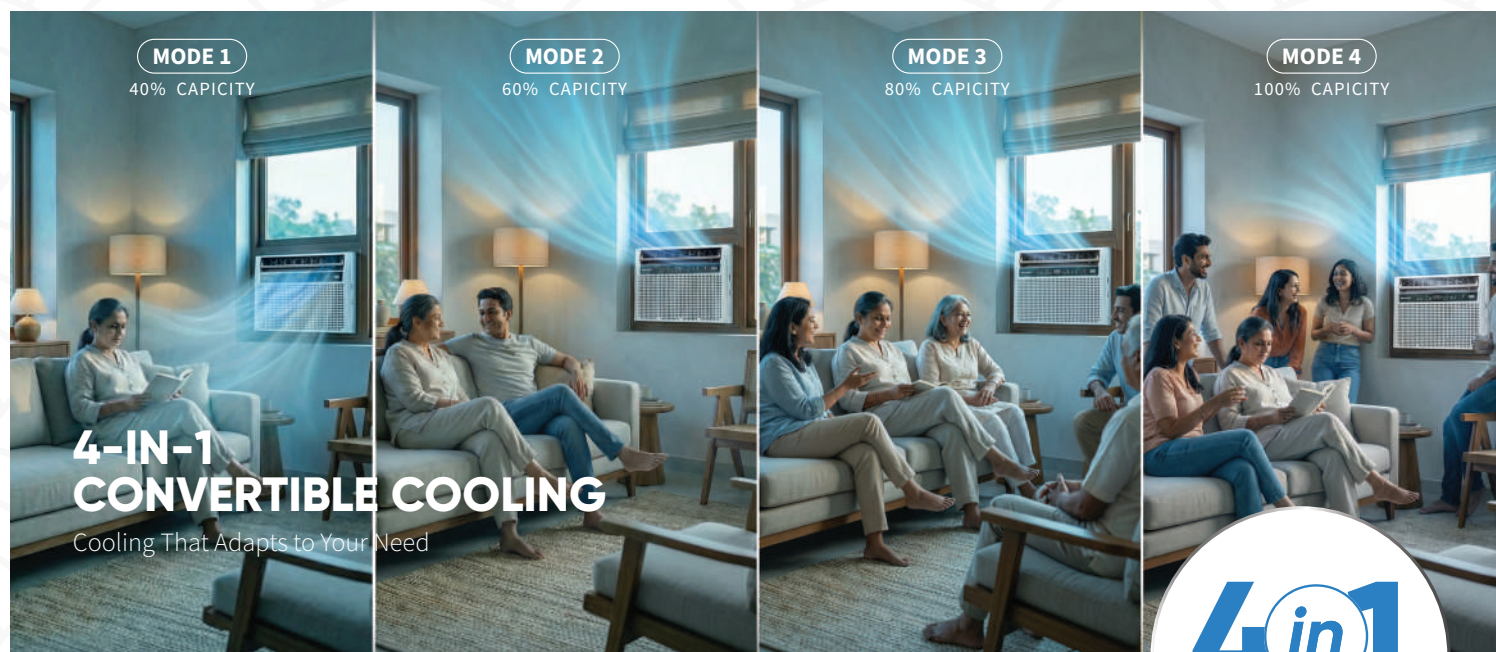
Special airflow design **directs cool air upward towards the ceiling**. The air then spreads evenly across the room before descending naturally, avoiding direct airflow on occupants.

BENEFITS

- No harsh air blast
- Balanced room temperature
- Comfortable sleep cooling
- Wider air circulation

KEY HIGHLIGHTS

- ✓ Ceiling-Guided Airflow
- ✓ Uniform Cooling Spread
- ✓ Enhanced Comfort



HOW IT WORKS

Allows users to **adjust cooling capacity** based on room occupancy and requirement. The compressor output can be stepped up or down to **optimize performance and energy usage**.

BENEFITS

- Adjustable cooling capacity
- Energy savings during low occupancy
- Increased capacity during peak heat
- Flexible performance control

KEY HIGHLIGHTS

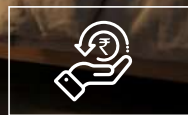
- ✓ Multi-Step Capacity Control
- ✓ Energy Optimisation
- ✓ Adaptive Cooling Technology





ENERGY SAVING MODE

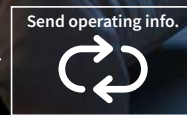
Optimised Comfort with Lower Power Usage



Period/Time of Use/
Target Electricity Setting/
Power Rate



Electricity Control
Operation



Send operating info.
Remaining Electricity,
Operation Mode

HOW IT WORKS

The AC **regulates compressor and fan operation** to maintain comfort while limiting maximum power consumption.

BENEFITS

- Reduced electricity bills
- Efficient night-time operation
- Maintains comfort with controlled output
- Ideal for long-hour usage

KEY HIGHLIGHTS

- ✓ Optimised Power Consumption
- ✓ Budget-Friendly Cooling
- ✓ Smart Efficiency Mode



100% COPPER WITH ANTI-CORROSION COATING

Enhanced Durability & Long-Term Performance

HOW IT WORKS

100% copper condenser and tubes provide **better heat transfer and durability**.
Anti-corrosion coating protects heat exchanger fins from moisture, salt, dust, and pollutants.

BENEFITS

- Faster heat exchange • Improved cooling efficiency
- Rust & corrosion resistance • Longer product lifespan
- Ideal for coastal & humid regions

KEY HIGHLIGHTS

- ✓ Superior Heat Transfer
- ✓ Rust Protection Technology
- ✓ Extended Durability



The art *of* cooling
Crafted with Care & Comfort



Heavy-Duty
Performance



Turbo Cool



4-in-1
Convertible



Cools at 52°C



Hi Tech Inverter



Touch Display with
Precision Temp

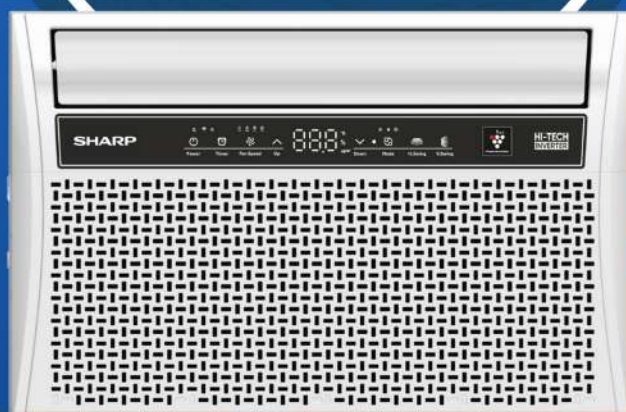


4 Way
Auto Swing



Coanda
Air Flow

涼風
RYOHU
(PURE COOL AIR)



WINDOW AC TOP THROW SERIES

AF-TA18V3X-GCP
1.45 Ton, 3 Star
Cooling Capacity: 5100

AF-TA18V5X-GCP
1.45 Ton, 5 Star
Cooling Capacity: 5100



The art *of* cooling
**DESIGNED TO COOL
MEANT TO COMFORT**

Experience Japanese cooling better than any general AC.



Heavy-Duty
Performance



Turbo Cool



4-in-1
Convertible



Hi Tech Inverter

涼風
RYOHU
(PURE COOL AIR)



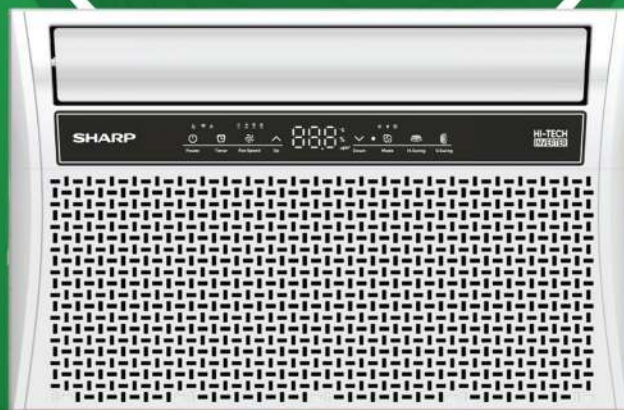
Cools at 52°C



Touch Display with
Precision Temp



4 Way
Auto Swing



Coanda
Air Flow

WINDOW AC TOP THROW SERIES

AF-TA18V3X-HCP
1.45 Ton, 3 Star
Cooling Capacity: 5100

AF-TA18V5X-HCP
1.45 Ton, 5 Star
Cooling Capacity: 5100



The art *of* cooling

Heavy Duty Window AC *with* Japan 7 Shields Protection





Anti-Corrosion
Coating



Low Noise



Cools at 52°C



Energy Saving
Mode



Long Air Throw



Turbo Cool



Dust Filter

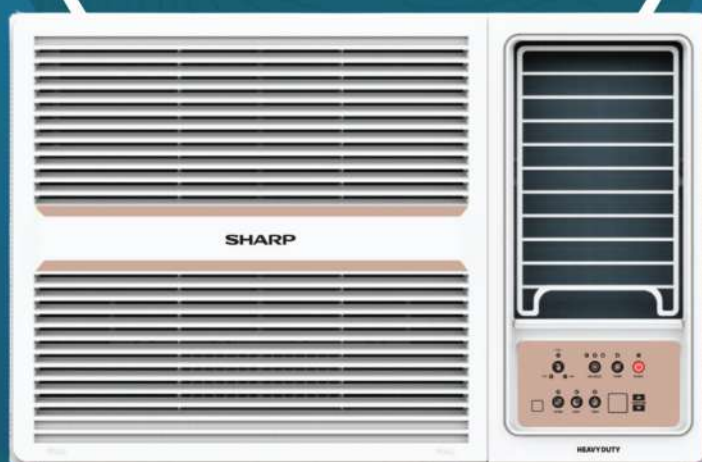


100% Copper



Heavy-Duty
Performance

涼風 RYOHU-FS (PURE AUTUMN BREEZE)



WINDOW AC FS SERIES

AF-WA18F3X-SCN
1.41 Ton, 3 Star
Cooling Capacity: 4950

AF-WA22F2X-SCN
1.70 Ton, 2 Star
Cooling Capacity: 5975

Feature may also vary model to model

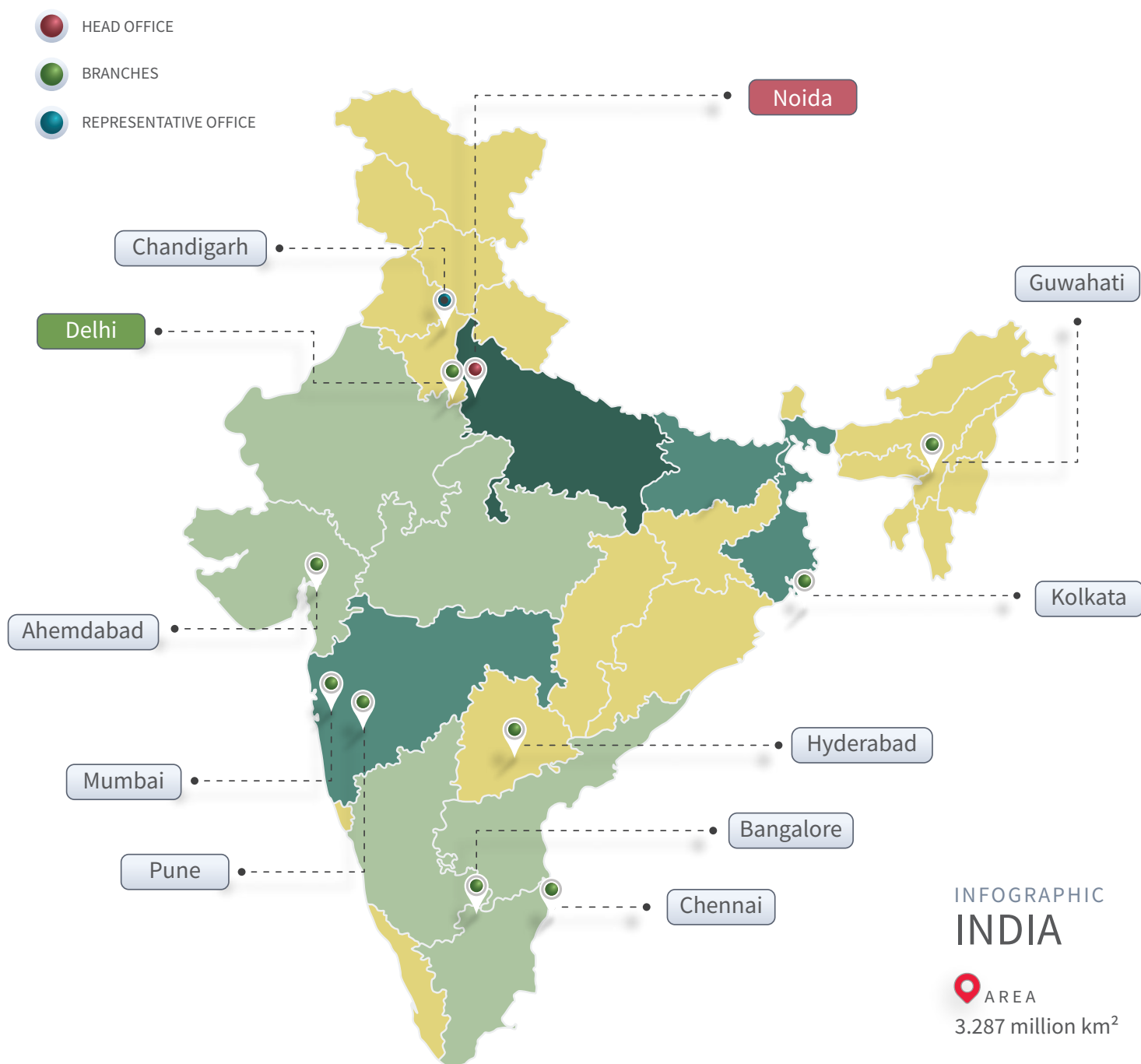
TECHNICAL SPECIFICATIONS



SERIES			涼風 RYOHU (PURE COOL AIR) FIXED SPEED AC		涼風 RYOHU (PURE COOL AIR) INVERTER AC			
Model Name			AF-WA18F3X-SCN	AF-WA22F2X-SCN	AF-TA18V3X-HCP	AF-TA18V5X-HCP	AF-TA18V3X-GCP	AF-TA18V5X-GCP
Facia								
Tonnage		As per BEE 2026	1.41	1.70	1.45	1.45	1.45	1.45
		BEE RATING						
Performance	Cooling Capacity	WATT	4950	5975	5100	5100	5100	5100
	ISEER		3.37	3.18	3.49	3.81	3.49	3.81
	Star		3	2	3	5	3	5
	Power Consumption	WATT	1137.94	1454.55	1130.81	1037.03	1130.81	1037.03
	Power Supply		230V/50Hz/1Ph	230V/50Hz/1Ph	230V/50Hz/1Ph	230V/50Hz/1Ph	230V/50Hz/1Ph	230V/50Hz/1Ph
Compressor	Make		GMCC	GMCC	GMCC	GMCC	GMCC	GMCC
Outdoor Motor			PICL-11189	PICL-10060	57W	57W	57W	57W
Evaporator			3R/7mm/27HP	3R/7mm/27HP	3R/7mm/18HP	3R/7mm/23HP	3R/7mm/18HP	3R/7mm/23HP
Indoor Noise	(Low Speed)	dBA	53	57	46	46	46	46
EEV/Capi.			Capillary	Capillary	Capillary	Capillary	Capillary	Capillary
Condenser			2R 5mm , 20HP , 704mm	2R 7mm , 18HP , 883mm	2R 5mm , 20HP , 704mm	2R 5mm , 24HP , 704mm	2R 5mm , 20HP , 704mm	2R 5mm , 24HP , 704mm
Outdoor Motor	Model		Common	Common	BLDC	BLDC	BLDC	BLDC
Outdoor Noise Level dB		dBA	60	62	58	58	58	58
Refrigerant			R32	R32	R32	R32	R32	R32
Air Flow (Full Capacity/Half capacity)		m3/min	12.82	15.6	13.77/16.97	10.69/13.04	13.77/16.97	10.69/13.04
Plasma Cluster Ions (PCI)			NO	NO	NO	NO	YES	YES
	Convertible		NO	NO	4 in 1 (40%, 60%, 80%, 100%)	4 in 1 (40%, 60%, 80%, 100%)	4 in 1 (40%, 60%, 80%, 100%)	4 in 1 (40%, 60%, 80%, 100%)
	Swing		2 Way	2 Way	4 Way	4 Way	4 Way	4 Way
	Works at Ambient Temp Upto		52 Degree	52 Degree	52 Degree	52 Degree	52 Degree	52 Degree
IDU Net Dimension	(W * D * H)	mm	660x660x430	660x750x430	660x750x430	660x750x430	660x750x430	660x750x430
Net Weight		KG	53	58	41	43	41	43
Package Dimension	(W * D * H)	mm	745x745x535	745x810x535	745x745x575	745x745x575	745x745x575	745x745x575
Gross Weight		KG	58	63	46	48	46	48
Warranty	Product	Months	12	12	12	12	12	12
Warranty	Compressor	Months	60	60	120	120	120	120

SPREADING *SMILES* THROUGH *INNOVATION*

OUR PRESENCE IN INDIA



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✉ contact@sharp-oa.com

REGISTERED OFFICE – NEW DELHI

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NOTES

DATE _____



SHARP

In step with your future.



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