

SHARP
In step with your future

**Air Conditioner
Catalogue
2026**



The art *of* cooling



AN EMBLEM OF
SHARP'S INNOVATION AND TENACITY



BUSINESS PHILOSOPHY

We do not seek merely to expand our business volume. Rather, we are dedicated to the use of our unique, innovative technology to contribute to the culture, benefits and welfare of people throughout the world. It is the intention of our corporation to grow hand-in-hand with our employees, encouraging and aiding them to reach their full potential and improve their standard of living. Our future prosperity is directly linked to the prosperity of our customers, dealers and shareholders ...indeed, the entire Sharp family.

BUSINESS CREED

Sharp Corporation is dedicated to two principal ideals:

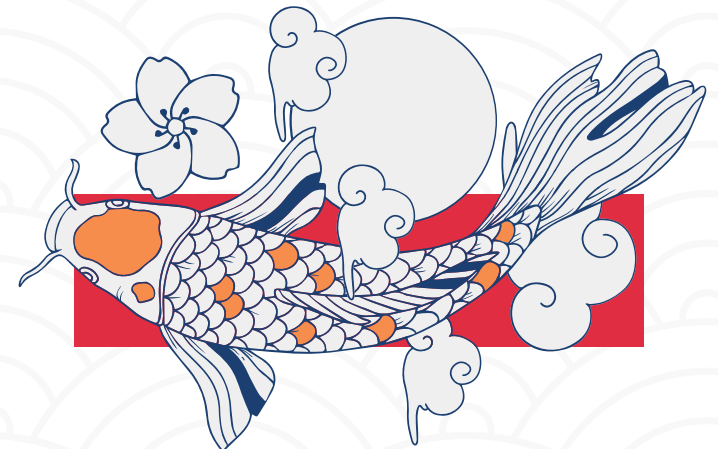
"Sincerity and Creativity"

Sincerity is a virtue fundamental to humanity ... always be sincere

Harmony brings strength ... trust each other and work together.

Politeness is a merit ... always be courteous and respectful.

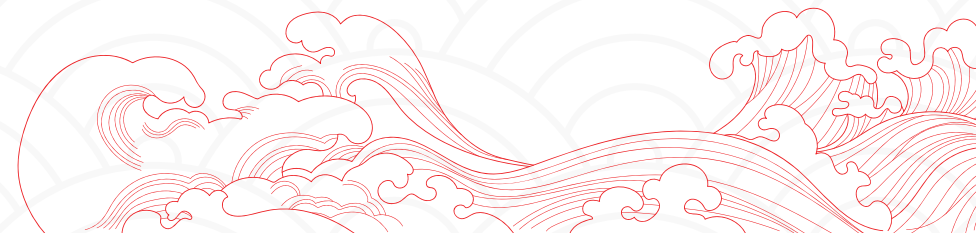
Creativity promotes progress ... remain constantly aware of the need to innovate and improve. Courage is the basis of a rewarding life ... accept every challenge with a positive attitude.





A PASSION PASSED DOWN FROM OUR FOUNDER

“Make products that others want to imitate.” These words, spoken by Sharp founder Tokuji Hayakawa, exemplify his management concept of contributing to society through the company’s technologies and manufacturing. This concept is realized by being the first to make products that meet the needs of a new era and by becoming a corporation that is known and trusted by society. In 1973, Sharp articulated this spirit in the company’s business philosophy and business creed. This spirit has been passed down continuously over the generations, ever since the company’s founding over 110 years ago.



SHARP

Main Overseas Production Bases

- Main production bases
- Sharp India HO

China

- NSEC** Nanjing Sharp Electronics Co., Ltd.
- WSEC** Wuxi Sharp Electronic Components Co., Ltd.
- SOCC** Sharp Office Equipments (Changshu) Co., Ltd.
- SSEC** Shanghai Sharp Electronics Co., Ltd.
- DBH** Dynabook Technology (Hangzhou) Inc.

Asia

- SMTL** Sharp Manufacturing (Thailand) Co., Ltd.
- SATL** Sharp Appliances (Thailand) Ltd.
- SMM** Sharp Manufacturing Corporation (M) Sdn. Bhd.
- SNM** Sharp North Malaysia Sdn. Bhd.
- SPC** Sharp (Phils.) Corporation
- SEID** P.T. Sharp Electronics Indonesia
- SSI** P.T. Sharp Semiconductor Indonesia
- SSTEC** Saigon Stec Co., Ltd.
- SMV** Sharp Manufacturing Vietnam Co., Ltd.

Europe

- SCEP** Sharp Consumer Electronics Poland Sp. z o.o.
- SUKM** Sharp Manufacturing Company of U.K.

Note: SUKM is a business unit of Sharp Electronics (Europe) Limited, which oversees Sharp business in Europe.

Americas

- SHCA** Sharp Home Electronics Company of America

Note: SHCA is the consumer products division of Sharp Electronics Corporation (SEC), Sharp's U.S. sales subsidiary.

SUKM (Wrexham, U.K.)

Main product: Microwave ovens

SCEP (Torun, Poland)

Main product: TVs

SMTL (Nakornpathom, Thailand)

Main product: MFPs

SATL (Chachoengsao, Thailand)

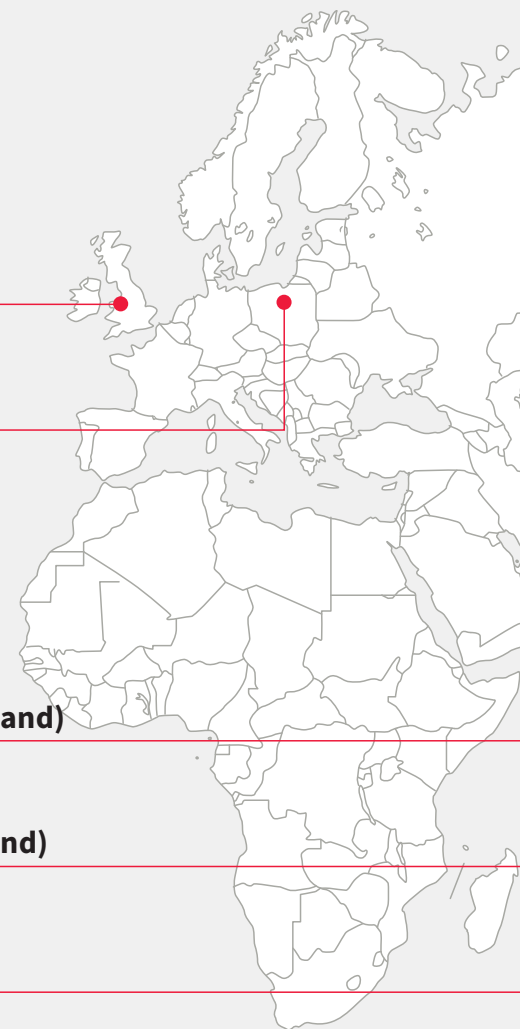
Main product: Home appliances

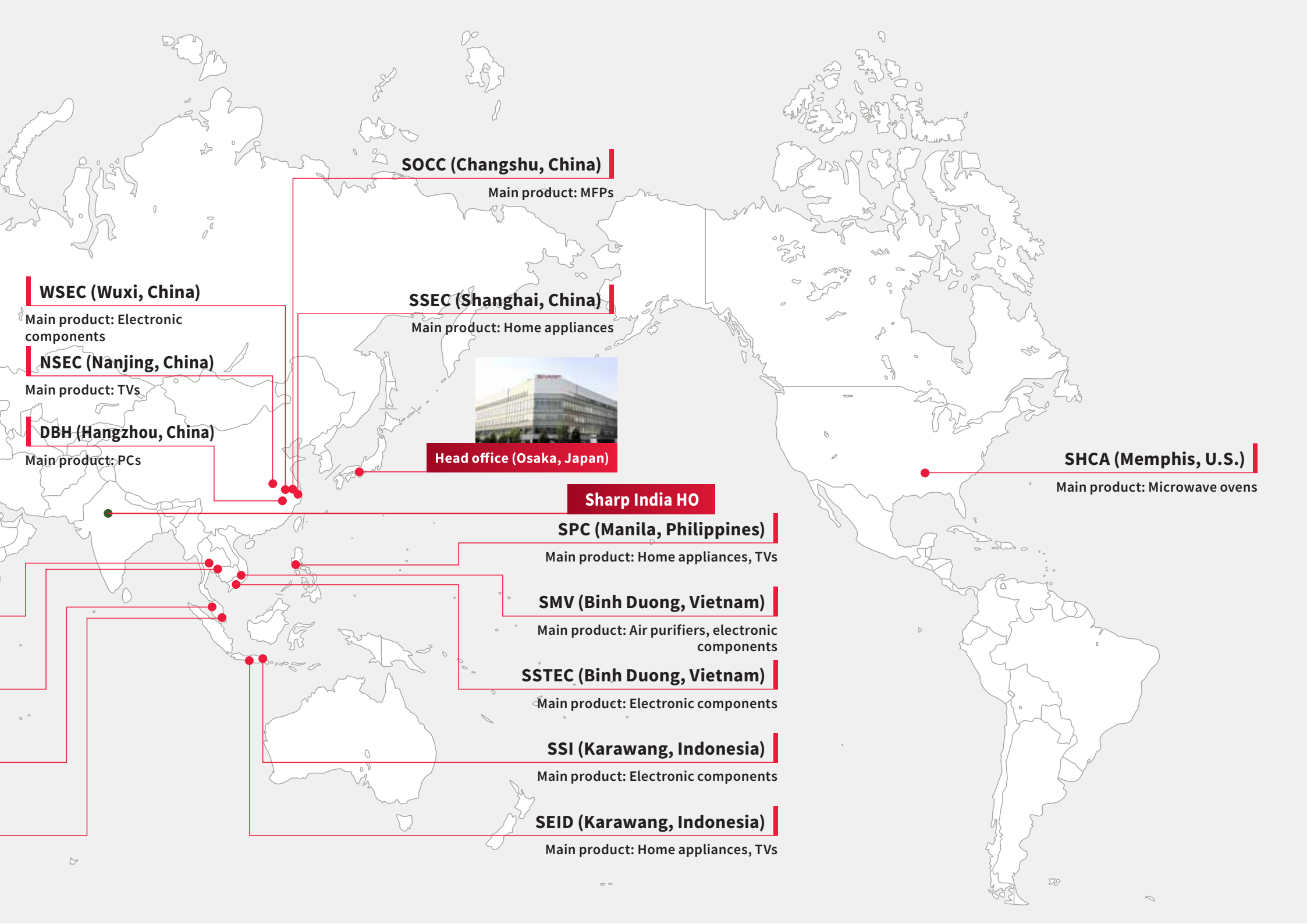
SNM (Kedah, Malaysia)

Main product: Audio products

SMM (Johor, Malaysia)

Main product: TVs





SOCC (Changshu, China)

Main product: MFPs

SSEC (Shanghai, China)

Main product: Home appliances



Head office (Osaka, Japan)

WSEC (Wuxi, China)

Main product: Electronic components

NSEC (Nanjing, China)

Main product: TVs

DBH (Hangzhou, China)

Main product: PCs

SHCA (Memphis, U.S.)

Main product: Microwave ovens

Sharp India HO

SPC (Manila, Philippines)

Main product: Home appliances, TVs

SMV (Binh Duong, Vietnam)

Main product: Air purifiers, electronic components

SSTEC (Binh Duong, Vietnam)

Main product: Electronic components

SSI (Karawang, Indonesia)

Main product: Electronic components

SEID (Karawang, Indonesia)

Main product: Home appliances, TVs

JOURNEY OF INNOVATION

1915

Ever-Ready Sharp Pencil

Tokuji Hayakawa invented the mechanical pencil, starting Sharp's innovation journey.



1958

Water-cooled Air Conditioner

Sharp's entry into the AC market with its first water-cooled AC.



1968

Sharp's 1st Split AC

Introduced the first split AC, revolutionizing home cooling.



1983

World's 1st RAC with an Expansion Valve

Launched world's first RAC with an expansion valve; second to introduce inverter technology.



1995

Sharp's 1st RAC for Cold Climate

Designed the first AC for cold climates.



1996

1st RAC with 5 Functions

Introduced cooling, heating, humidification, dehumidification, and ventilation in one AC.



2000

1st RAC with PCI Technology

Enhanced Plasmacluster technology.



2003

AC with
Technology
Improved air quality with
Cluster Ion technology.



2007

1st RAC with Long
Panel Technology

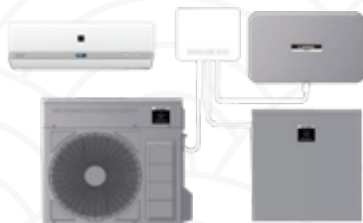
Improved airflow and efficiency
with Long Panel Technology.



2013

India's 1st
Inverter RAC

Combined energy efficiency
with advanced technology in
DC-powered RACs



2019

1st "AIREST" Air Purifier
in Air-Conditioner

Elevated air quality with the
AIREST air purifier function.



2025

Sharp AC
Re-launched in India

Re-entered the Indian market with
a new range of air conditioners.



2026

Expanding the Ac
Portfolio in India

Expanding in India to deliver
advanced cooling solutions
for every Indian home.



India First Window AC
with active Air Purifier

Redefining window ACs with active
air purification, India's first to deliver
cooling and cleaner air together.



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* Innovation

WHAT IS PLASMACLUSTER?

Plasmacluster ions are the same type of positive and negative ions that occur in nature. This proprietary Sharp technology purifies air, and it has been proven safe to humans no matter the ion concentration. Highly concentrated levels of Plasmacluster ions have been proven to purify air, eliminate odors, moisten facial skin, and reduce static electricity.

PLASMACLUSTER IONS KEEP PEOPLE AND THE AIR AROUND THEM HEALTHY.



PLASMACLUSTER TECHNOLOGY

Air as Natural as Nature



Scan to know more



Certified by The
British Allergy
Foundation



BENEFITS OF PLASMACLUSTER



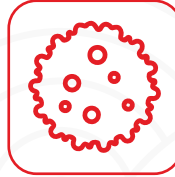
Suppress activity of
airborne viruses



Suppress activity of
airborne bacteria



Suppress activity of
airborne allergens



Eliminates
airborne mold



Fungi



Eliminates
odors

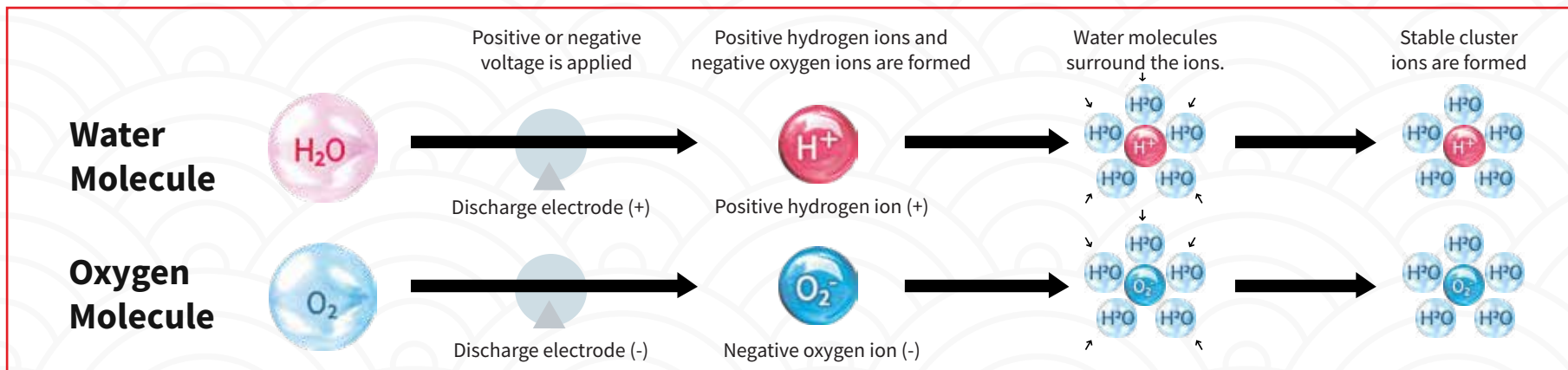
HOW PLASMACLUSTER IONS ARE GENERATED

Positive and negative ions are generated through plasma discharge

Ions have positive or negative charges. To ionize the water and oxygen in the air, Sharp came up with the idea of using plasma discharge to give water a positive charge and oxygen a negative charge. Through plasma discharge, in which voltage is applied to the discharge electrode, positive hydrogen ions (H^+) and negative oxygen ions (O_2^-) are generated from the water and oxygen in the air.

Ions form clusters for greater stability

The positive hydrogen ions (H^+) and negative oxygen ions (O_2^-) each have an electrical charge. This attracts water molecules in the air (H_2O), which surround the ions and form stable cluster ions



A white icon inside a rounded square, featuring the text "HI-TECH" above "INVERTER" in a bold, sans-serif font.

HI-TECH INVERTER

HI-TECH INVERTER EFFICIENT COOLING WITH LOWER ENERGY CONSUMPTION

The Hi-Tech Inverter technology adjusts compressor speed continuously to match cooling demand, delivering faster and more efficient cooling while significantly reducing power consumption compared to conventional air conditioners.



TOUCH CONTROLS EFFORTLESS CONTROL AT YOUR FINGERTIPS

The intuitive touch control panel allows smooth and responsive operation with a simple tap. Designed for ease of use, it offers quick access to key functions while adding a modern, premium look to the air conditioner.

A white icon inside a rounded square, featuring the number "7" with "IN 1" inside a small circle to its right.

7^{IN}1

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

The 7-in-1 Convertible AC allows you to adjust cooling capacity across multiple modes, matching room conditions and usage requirements. Enjoy efficient cooling with optimised power consumption—whether you need full performance or energy-saving operation.



TWIN ROTARY COMPRESSOR EFFICIENT, STABLE AND LONG-LASTING PERFORMANCE

The Twin Rotary Compressor uses two rotating cylinders to deliver smoother operation with reduced vibration. This results in higher efficiency, quieter performance, and improved durability compared to conventional single rotary compressors.



ENERGY SAVING MODE OPTIMISED COOLING WITH LOWER POWER CONSUMPTION

Energy Saving Mode intelligently adjusts cooling performance to reduce electricity usage while maintaining comfortable indoor temperatures, making everyday operation more efficient.



GROOVED CAPILLARY TUBES EFFICIENT COOLING WITH IMPROVED HEAT EXCHANGE

The grooved capillary tubes increase the surface area for refrigerant flow, enabling better heat exchange and more efficient cooling. This design improves performance while helping reduce overall energy consumption.

HEAVY DUTY

HEAVY DUTY COOLING POWERFUL COOLING FOR EXTREME CONDITIONS

Designed to perform even in high temperatures, Heavy Duty Cooling delivers consistent and rapid cooling, ensuring comfort is maintained regardless of external heat or continuous operation.



The Art *of* Comfort



COANDA AIR FLOW EVEN COOLING, NATURALLY DISTRIBUTED

By using the Coanda effect, the air conditioner guides airflow smoothly across surfaces, improving air circulation and maintaining consistent temperature throughout the room.



AUTO RESTART COMFORT RESUMES AUTOMATICALLY

In the event of a power failure, the air conditioner automatically restarts with the previously set temperature and mode once electricity is restored, ensuring uninterrupted comfort without manual intervention.



4-WAY SWING UNIFORM COOLING IN EVERY DIRECTION

The 4-Way Swing function automatically directs airflow both horizontally and vertically, ensuring even distribution of cool air across the room for consistent and balanced comfort.



DUST FILTER

The advanced Dust Filter effectively traps dust, pollen, and other common airborne impurities, helping keep the air inside your home cleaner and fresher. By reducing everyday pollutants, it supports easier breathing, minimizes irritation caused by airborne particles, and contributes to a healthier and more comfortable living environment for you and your family.



QUICK FREEZE

Quick Freeze Control enables the compressor to ramp up to high operating frequency immediately at start-up, delivering large cooling capacity within seconds. By increasing refrigerant flow and compressor speed rapidly, the system achieves faster temperature pull-down, allowing the air outlet temperature to reach around 22°C in approximately 20 seconds, ensuring instant comfort during extreme heat conditions.



LOW NOISE OPERATION COOLING YOU CAN BARELY HEAR

Advanced airflow design and optimised compressor operation help minimise operating noise, delivering effective cooling without disturbance.



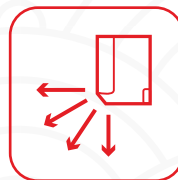
TOP AIR THROW FASTER, WIDER COOLING FROM ABOVE

The Top Air Throw design releases cool air from the upper section of the unit, allowing airflow to travel farther and spread evenly across the room for quicker and more uniform cooling.



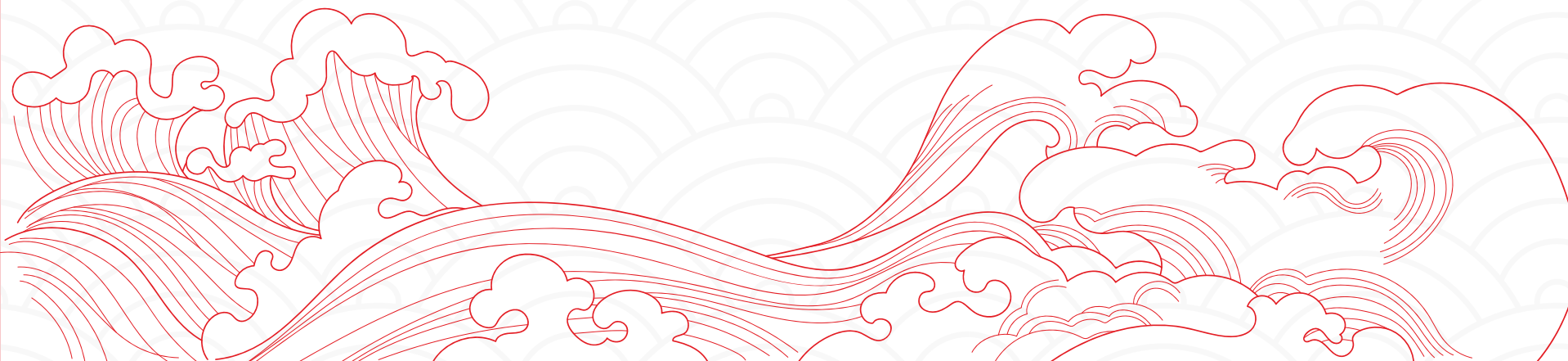
LONG AIR THROW POWERFUL AIRFLOW THAT REACHES FARTHER

Designed to project air over long distances, this feature helps maintain consistent temperature throughout the room, enhancing comfort in spacious living areas.



AUTO AIR SWING EVEN COOLING, AUTOMATICALLY

Auto Air Swing automatically moves the air louvers to distribute cool air evenly across the room, ensuring consistent comfort in every corner without manual adjustment.



The Art *of* Reliability



BLDC MOTORS EFFICIENT, RELIABLE, AND LONG-LASTING

By intelligently controlling airflow angle and speed, this function avoids direct cold drafts, reducing physical discomfort and creating a healthier indoor environment for the entire family.



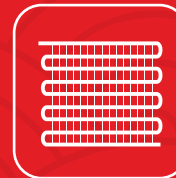
100% COPPER BUILT FOR EFFICIENCY AND DURABILITY

The air conditioner uses 100% copper condenser and connecting tubes, offering superior heat transfer, improved cooling efficiency, and long-lasting performance even in demanding conditions.



ANTI-CORROSION COATING U-BEND PROTECTS AND LASTS LONGER

In the event of a power failure, the air conditioner automatically restarts with the previously set temperature and mode once electricity is restored, ensuring uninterrupted comfort without manual intervention.



NANO TECH COATING ENHANCED PROTECTION FOR LONGER LIFE

Nano Tech Coating forms a protective layer on critical components, helping prevent corrosion, moisture damage, and dust accumulation. This improves durability, maintains performance, and extends the life of the air conditioner.



SELF-DIAGNOSIS SMART, HASSLE-FREE MAINTENANCE

The advanced Dust Filter effectively traps dust, pollen, and other common airborne impurities, helping keep the air inside your home cleaner and fresher. By reducing everyday pollutants, it supports easier breathing, minimizes irritation caused by airborne particles, and contributes to a healthier and more comfortable living environment for you and your family.



R32 REFRIGERANT EFFICIENT AND ECO-FRIENDLY COOLING

Uses R32 refrigerant for higher energy efficiency, lower environmental impact, and faster, more effective cooling.



OUTDOOR UNIT SELF-CLEANING FUNCTION AUTOMATIC CLEANING FOR LONG-LASTING EFFICIENCY

Through intelligent frosting and defrosting, the outdoor unit cleans the heat exchanger thoroughly. The reverse fan operation after shutdown helps prevent dust buildup, ensuring stable performance and improved durability of the outdoor unit.



STABILIZER-FREE OPERATION HASSLE-FREE, RELIABLE PERFORMANCE

Operates smoothly across voltage fluctuations without the need for an external stabilizer, ensuring consistent cooling and peace of mind.



10-YEAR COMPRESSOR WARRANTY RELIABILITY YOU CAN TRUST

Backed by a decade-long warranty, the compressor ensures long-lasting performance and gives you complete peace of mind.



5-YEAR COMPREHENSIVE WARRANTY FOR COMPLETE PEACE OF MIND.

Covers your product completely, so you can use it stress-free.



The Art *of* Safety



IDU CONTROL BOX SHEET METAL SHIELDING

Durable protection for reliable performance The Indoor Unit (IDU) control box is shielded with robust sheet metal, safeguarding internal components from dust, impacts, and environmental factors. This ensures long-lasting reliability, enhanced safety, and consistent performance for your air conditioner.



PRECISION THERMAL FUSE

Thoughtfully engineered safety at the core A high-accuracy thermal fuse is integrated into the IDU terminal block and is calibrated to activate at 98°C. In the event of abnormal heat rise, it automatically cuts off power, protecting critical components and reinforcing safe, dependable performance—engineered with uncompromising attention to detail.



ODU TERMINAL NON-FLAMMABLE TERMINAL SHIELD

Engineered safety for worry-free operation The Outdoor Unit (ODU) terminal block is protected with a non-flammable sheet metal cover, enhancing safety by reducing fire risk and shielding critical electrical connections from external elements. This robust design ensures stable, secure, and reliable performance even in demanding conditions.



HOT WIRE IGNITION TEST

Proven resistance against fire hazards Critical electrical components undergo a rigorous Hot Wire Ignition Test to evaluate their resistance to ignition under extreme thermal stress. This stringent testing ensures enhanced fire safety, greater durability, and dependable operation—even in demanding conditions.



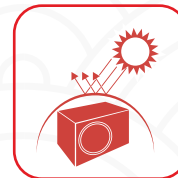
JAPAN QUALITY 7 SHIELDS

Seven layers of protection,
perfected by japanese engineering.



FIRE SHIELD

Sharp Air Conditioners are protected from fire. The outdoor circuit meets USA safety standards. Fire tests ensure the uni-fired unit structure due to the 6-sided all-metal enclosure for circuit board.



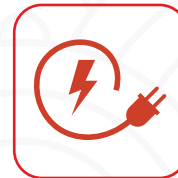
UV SHIELD

Sharp Air Conditioners are protected from sunlight. The UV resistance painted part is to protect outdoor unit from extreme weather.



VOLTAGE SHIELD

Sharp Air Conditioners are protected from unstable voltage. It can stabilize the electric voltage and keep the operation between 130V and 264 V. Voltage tests ensure the high drive force even in areas with unstable voltage.



SURGE SHIELD

Sharp Air Conditioners are protected from lightning. The design of the electric circuit protects the air conditioner from struck by lightning. Surge tests ensure the durability for damage by stabilizing voltage spikes caused by thunder strikes or lightning.



HEAT SHIELD

Sharp Air Conditioners are protected by high temperature. Its intelligent sensor is well-operate even under high outdoor temperature.



CORROSION SHIELD

Sharp Air Conditioners are protected from rusting. Its special coating for indoor and outdoor heat exchanger is to prevent rust and enhances the durability of the air conditioner. Corrosion tests ensure the quality of anti-rust by spraying salt water.



SQUALL SHIELD

Sharp Air Conditioners are protected from squall (heavy rains). The water resistant outdoor unit is always protected from water even typhoon. Squall tests ensure the durability for downpours and thunderstorms.

7 IN 1 CONVERTIBLE

SMART ENERGY REGULATION. TAILORED COMFORT.

Precision Mode Control intelligently adjusts cooling output based on real-time room conditions.

Instead of running at full power constantly, the system fine-tunes compressor performance across multiple levels—delivering only the cooling you need, when you need it.



50%

Eco Mode

For energy-saving and minimal cooling.



60%

Solo Mode

Ideal for personal use or quiet time.



70%

Focus Mode

Perfect for working or staying productive.





80%

Relax Mode

Designed for cozy and comfortable settings.



90%

Chill Mode

Keeps the ambiance cool and pleasant.



100%

Regular Mode

The go-to mode for everyday cooling.



110%

Party Mode

Brings powerful cooling for lively celebrations.







冷涼
REIRYOU
(PURE COOLING POWER)

7ⁱⁿ1
7-in-1 Convertible

HI-TECH INVERTER
Hi Tech Inverter

100% COPPER
100% Copper

JAPAN QUALITY 7 SHIELDS

55°
Cools at 55°

4 Way Auto Swing

Gas Leakage Sensor

Dust Filter

Turbo Cool

REIRYOU SERIES

AH-SI12V3B-SCN
0.95 Ton, 3 Star
Cooling Capacity: 3350

AH-SI17V3B-SCN
1.37 Ton, 3 Star
Cooling Capacity: 4800

AH-SI18V3B-SCN
1.42 Ton, 3 Star
Cooling Capacity: 5000

AH-SI17V5B-SCN
1.34 Ton, 5 Star
Cooling Capacity: 4700

AH-SI18V5B-SCN
1.48 Ton, 5 Star
Cooling Capacity: 5210

AH-SI24V3B-SCN
1.8 Ton, 3Star
Cooling Capacity: 6200





SEIRYO / REIRYOU SERIES

AH-SI19V3B-SC
1.5 Ton, 3 Star
Cooling Capacity: 5000

AH-SI18V5B-SC
1.5 Ton, 5 Star
Cooling Capacity: 5210

AH-SI12V3B-GC
1.0 Ton, 3 Star
Cooling Capacity: 3350

AH-SI18V3B-GC
1.5 Ton, 3 Star
Cooling Capacity: 4700

AH-SI19V3B-GC
1.5 Ton, 3 Star
Cooling Capacity: 5000

AH-SI24V3B-GC
2.0 Ton, 3 Star
Cooling Capacity: 6270

AH-SI18V5B-GC
1.5 Ton, 5 Star
Cooling Capacity: 4700





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

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

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





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

SERIES		冷凍 REIRYOU						
	MODEL CODE		AH-SI12V3B-SCN	AH-SI17V3B-SCN	AH-SI18V3B-SCN	AH-SI17V5B-SCN	AH-SI18V5B-SCN	AH-SI24V3B-SCN
	TYPE OF AC		SPLIT AIR CONDITIONER					
Classification	PARAMETERS	UNITS	12K 3" INV	17K 3" INV	18K 3" INV	17K 5" INV	18K 5" INV	24K 3" INV
	Tonnage	Details	0.95	1.37	1.42	1.34	1.48	1.8
	Star Rating : As per New BEE Guideline	Details	3 Star	3 Star	3 Star	5 Star	5 Star	3 Star
	ISI Approval (IS 1391 Part1/ Part 2) : Complete Product	Details	Yes	Yes	Yes	Yes	Yes	Yes
	RoHS : Product & Accessories	Yes/ No	Yes	Yes	Yes	Yes	Yes	Yes
Operating Conditions	Rated Voltage, Frequency, Phase	V,Hz,Ph	AC 230V, 50 Hz, 1Ph	AC 230V, 50 Hz, 1Ph	AC 230V, 50 Hz, 1Ph	AC 230V, 50 Hz, 1Ph	AC 230V, 50 Hz, 1Ph	AC 230V, 50 Hz, 1Ph
	Withstanding Voltage , Frequency, Phase	V/Hz,Ph (±5%)	AC 155 - 285V, 50 Hz, 1Ph	AC 155 - 285V, 50 Hz, 1Ph	AC 155 - 285V, 50 Hz, 1Ph	AC 155 - 285V, 50 Hz, 1Ph	AC 155 - 285V, 50 Hz, 1Ph	AC 155 - 285V, 50 Hz, 1Ph
	Withstanding Operating conditions : IDU	°C	16 - 31 °C	16 - 31 °C	16 - 31 °C	16 - 31 °C	16 - 31 °C	16 - 31 °C
	Withstanding Operating conditions : ODU	°C	18 - 55 °C	18 - 55 °C	18 - 55 °C	18 - 55 °C	18 - 55 °C	18 - 55 °C
	Cooling Area	m2	8 - 9	11 - 14	11 - 14	11 - 14	11 - 14	15 - 18
	IDU & ODU Max Installation Distance	m	15	15	15	15	15	15
	IDU & ODU Max Vertical Installation Distance	m	5	5	5	5	5	5
Cooling	Capacity at 100% of full capacity	W	3350	4800	5000	4700	5210	6200
	Capacity at 50% of full capacity	m	1675	2400	2500	2350	2605	3100
	ISEER	kWh / kWh	4.35	4.35	4.35	5.65	5.65	4.35
	Cooling Input Current	A (±5%)	4.60	6.4	9.7	TBC	TBC	8.5
MAX Capacity	Max Cooling Capacity	W	3500	5000	5475	5100A	6000	6600
	Max Heating Capacity	W	NA	NA	NA	NA	NA	NA
IDU General	Indoor side air flow (Max)	m3/h (±5%)	507.29	836.09	932.41	969.82	1266.78	1122.74
	Indoor side noise level : Turbo/Hi/Mi/Low	dB(A) (±5%)	42/40/35/32	48/46/42/35	48/46/42/35	48/46/42/35	48/46/44/39	48/46/44/39
	Dimensions : L*W*H	mm (±10)	770 x 294 x 205	900 x 294 x 206	900 x 294 x 206	1010 x 316 x 220	1010 x 316 x 220	1010 x 316 x 220
	Packing : L*W*H	mm (±10)	846 x 321 x 269	990 x 375 x 287	990 x 375 x 287	1096 x 390 x 297	1096 x 390 x 297	1096 x 390 x 297
	Weight : Net & Gross	Kg (±5%)	9 [10]	990 x 375 x 287	990 x 375 x 287	1096 x 390 x 297	1096 x 390 x 297	1096 x 390 x 297
	Refrigerant/Nitrogen Filled in IDU during Production : Details , Qty	Details, Gram	R32	R32	R32	R32	R32	R32
IDU Fan motor	Motor Type : AC /BLDC	Details	DC	DC	DC	DC	DC	DC
IDU Evaporator	Fin Type : Slit/Louvered, Hydrophilic, Fin colour	Details	Slit, Hydrophilic, Gold Fins	Slit, Hydrophilic, Gold Fins	Slit, Hydrophilic, Gold Fins	Slit, Hydrophilic, Gold Fins	Slit, Hydrophilic, Gold Fins	Slit, Hydrophilic, Gold Fins
IDU Evaporator	Fin Material	Details	Al	Al	Al	Al	Al	Al
IDU PCB	Display PCB : LCD Display/ 7Seg Display/ LED indicators	Details	LCD Display	LCD Display	LCD Display	LCD Display	LCD Display	LCD Display
IDU Other	Filter Type : Inbuilt Dust Filter type, IS comply, Add on Filters types	Details	Dust Filter :HD Filter,ISI approved	Dust Filter :HD Filter,ISI approved	Dust Filter :HD Filter,ISI approved	Dust Filter :HD Filter,ISI approved	Dust Filter :HD Filter,ISI approved	Dust Filter :HD Filter,ISI approved
IDU Other	Connecting wire between IDU & ODU : Length, Nos of Core, Thickness of each core	Details	3.5 m-4 Core,1 mm sq,ISI approved	3.5 m -4 Core, 1.5 mm sq, ISI approved	3.5 m -4 Core, 1.5 mm sq, ISI approved	2, IDU Air In & Eva Tube	2, IDU Air In & Eva Tube	3.5 m -4 Core, 1.5 mm sq, ISI approved
ODU General	Max Outdoor side Noise level	dB(A) (±5%)	52	53	53	53	53	53
	Dimension : L*W*H	mm (±10)	728 x 256 x 553	780 x 292 x 603	780 x 292 x 603	780 x 292 x 603	780 x 292 x 603	780 x 292 x 603
	Packing : L*W*H	mm (±10)	845 x 340 x 615	890 x 385 x 650	890 x 385 x 650	890 x 385 x 650	890 x 385 x 650	780 x 292 x 603
	Weight : Net, Gross	Kg (±5%)	24 [26]	28 [30]	28 [30]	30 [32]	30 [32]	31/[33]
Compressor	Compressor Type	Details	Single rotary	Single rotary	Single rotary	Single rotary	Single rotary	Single rotary
	Type : Fixed speed / Inverter	Details	Inverter	Inverter	Inverter	Inverter	Inverter	Inverter
ODU Fan Motor	Motor Type : AC/BLDC	Details	BLDC	BLDC	BLDC	BLDC	BLDC	BLDC
	Motors Mechanical output Wattage	Watt	33W	33W	33W	33W	33W	33W
	Outdoor Fan speed	R/min	1000	1000	1000	1000	1000	1000
	Thermal protector	Yes/ No	Yes	Yes	Yes	Yes	Yes	Yes
Remote	RF / IR Based	Details	IR	IR	IR	IR	IR	IR
	Display	Yes/ No	Yes	Yes	Yes	Yes	Yes	Yes
Features	Golden Hydrophilic Fin : Evaporator	Yes/ No	Yes	Yes	Yes	Yes	Yes	Yes
	Golden Hydrophilic Fin : Condenser	Yes/ No	Yes	Yes	Yes	Yes	Yes	Yes
	LCD Remote	Yes/ No	Yes	Yes	Yes	Yes	Yes	Yes
	LCD Remote screen with Backlight	Yes/ No	Yes	Yes	Yes	Yes	Yes	Yes
	Sleep mode	Yes/ No	Yes	Yes	Yes	Yes	Yes	Yes
	Timer Mode	Yes/ No	Yes	Yes	Yes	Yes	Yes	Yes
	Fan Mode	Yes/ No	Yes	Yes	Yes	Yes	Yes	Yes
	Fan Mode	Yes/ No	Yes	Yes	Yes	Yes	Yes	Yes
	Dry Mode	Yes/ No	Yes	Yes	Yes	Yes	Yes	Yes
	Turbo Mode	Yes/ No	Yes	Yes	Yes	Yes	Yes	Yes
	ECO Mode	Yes/ No	Yes	Yes	Yes	Yes	Yes	Yes
	Display ON-OFF	Yes/ No	Yes	Yes	Yes	Yes	Yes	Yes
	Variable Capacity : No of Modes, Percentage	Details	7 in 1	7 in 1	7 in 1	7 in 1	7 in 1	7 in 1
	Self Diagnosis	Details	7 in 1	7 in 1	7 in 1	7 in 1	7 in 1	7 in 1
	Gas leakage/ Low Gas Detection	Yes/ No	Yes	Yes	Yes	Yes	Yes	Yes
	Auto Restart Protection	Yes/ No	Yes	Yes	Yes	Yes	Yes	Yes
	100 % Copper	Yes/ No	Yes	Yes	Yes	Yes	Yes	Yes
	Hidden Display	Yes/ No	Yes	Yes	Yes	Yes	Yes	Yes
	4 Way Swing	Yes/ No	Yes	Yes	Yes	Yes	Yes	Yes
	ODU Works at Ambient Temp Upto	Yes/ No	Details 18°C - 55 °C	18°C - 55 °C	18°C - 55 °C	18°C - 55 °C	18°C - 55 °C	18°C - 55 °C

TECHNICAL SPECIFICATIONS 2026



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





SHARP ECO VISION 2050

The international community has recognized the urgent need to address increasingly serious environmental problems. To this end, Sharp formulated SHARP Eco Vision 2050, a long-term environmental vision. Sharp is working toward realizing a sustainable global environment by pursuing long-term goals set in three fields of action with 2050 as the target year: Safety & Security, Climate change, and Resource Recycling.



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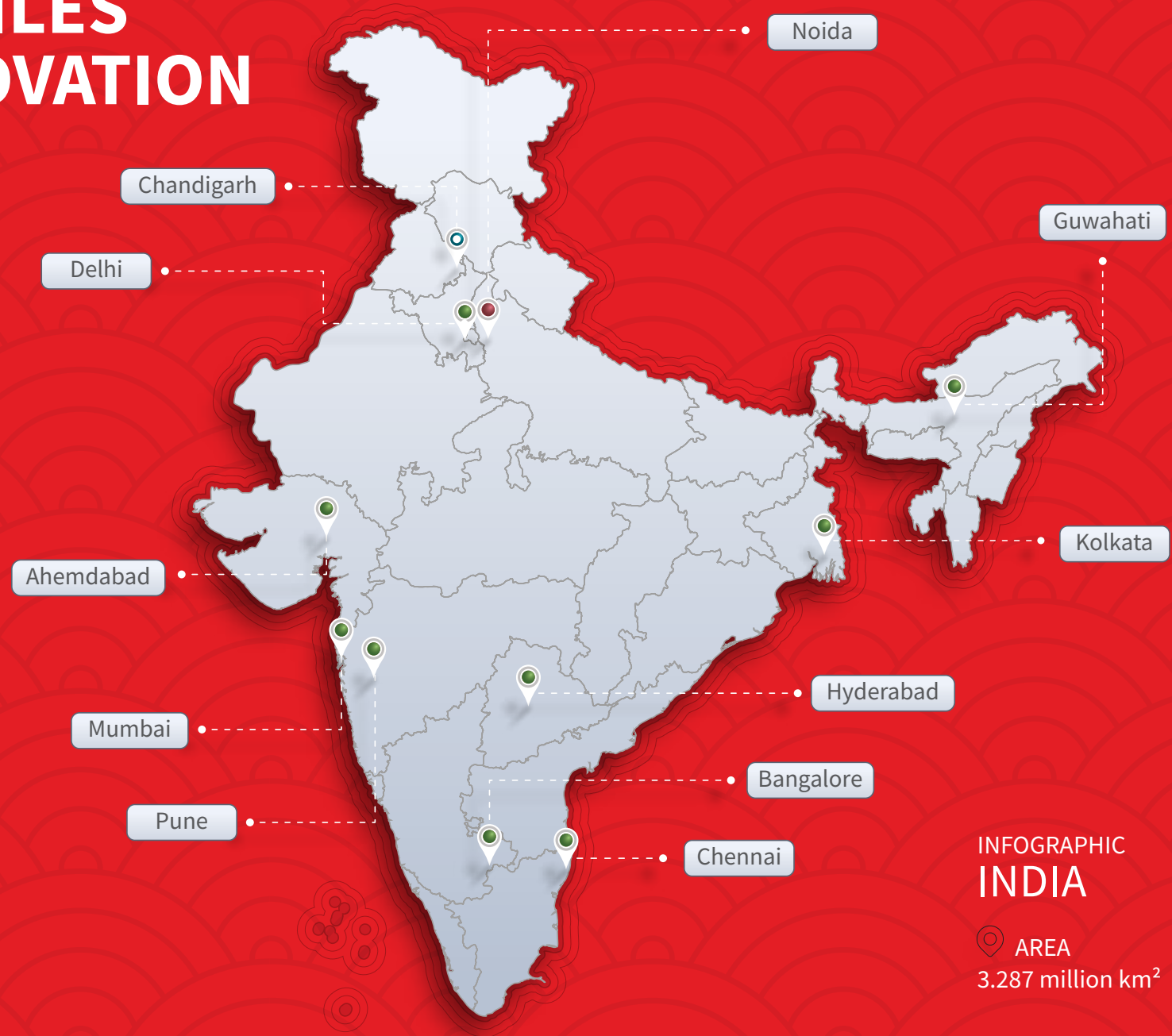
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