

SHARP

**COOL
CLEAN
COMFORT**

THE ESSENCE OF LIVING WELL



冷涼 REIRYOU

Plasma Chill

清涼 SEIRYO

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"

By committing ourselves to these ideals, we can drive genuine satisfaction from our work, while making a meaningful contribution to society.

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

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
SSTECA	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.

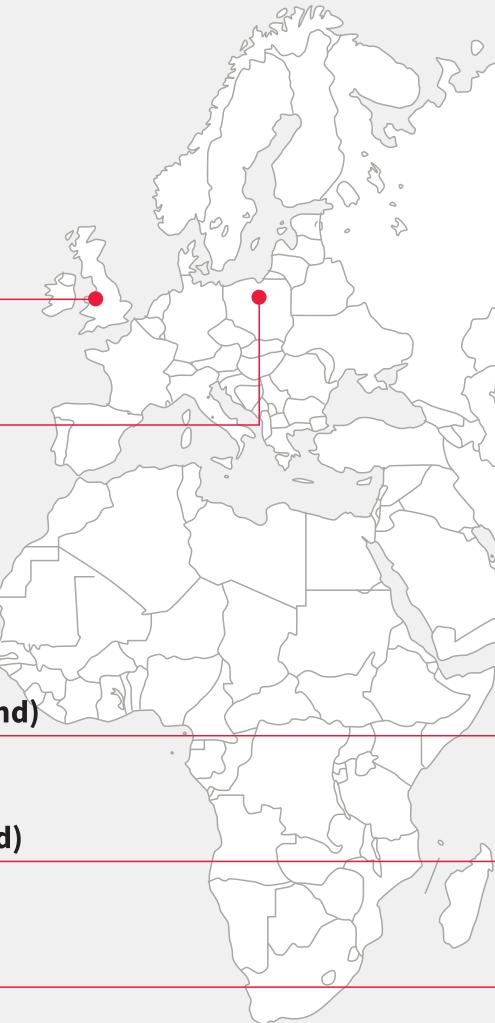
Note: SUKM is a business unit of Sharp Electronics (Europe) Limited, which oversees Sharp business in Europe.

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)

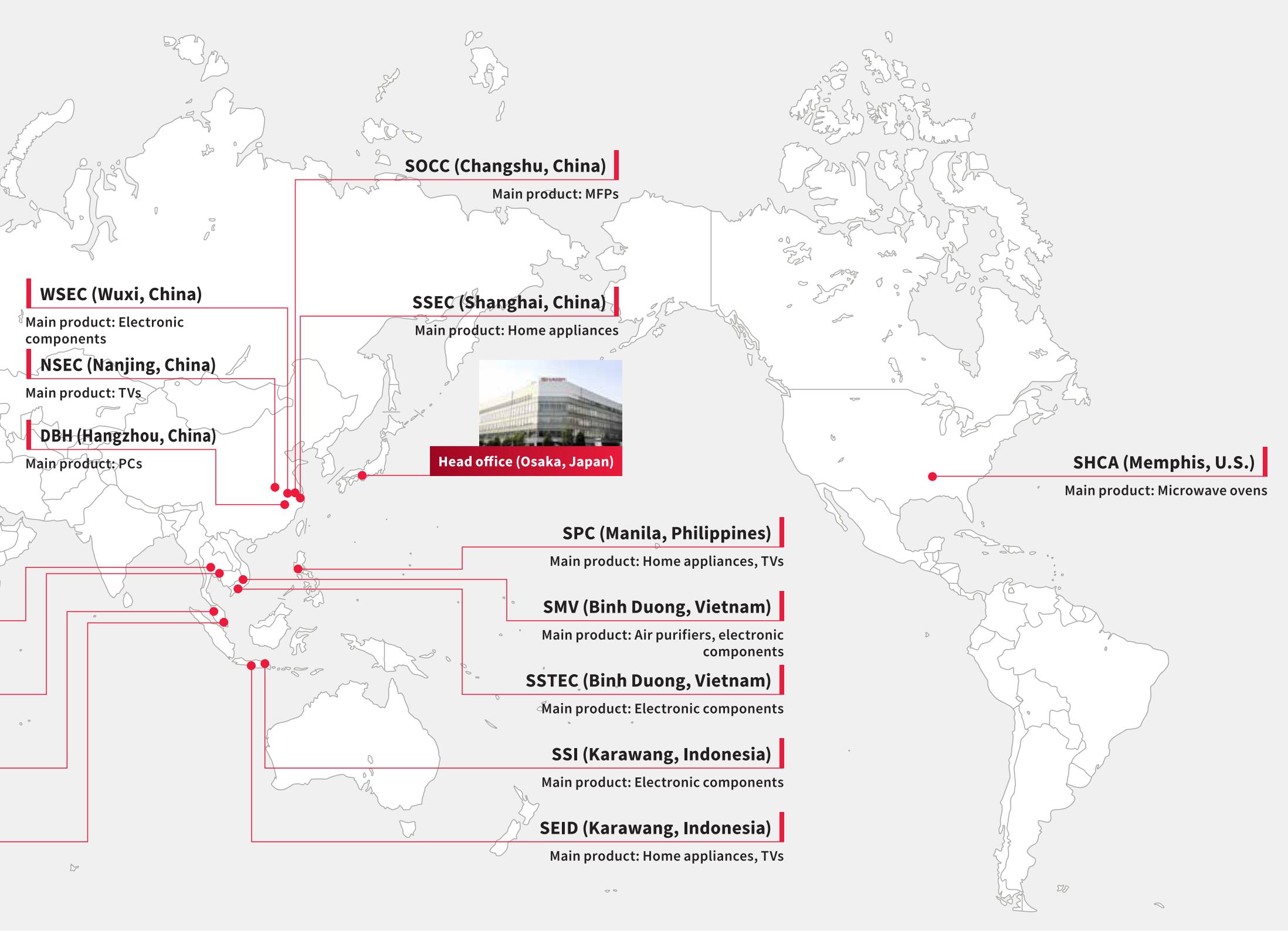
Main product: Home appliances

SNM (Kedah, Malaysia)

Main product: Audio products

SMM (Johor, Malaysia)

Main product: TVs



JOURNEY OF INNOVATION

Ever-Ready Sharp Pencil

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



1915

Water-cooled Air Conditioner

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



1958

Sharp's 1st Split AC

Introduced the first split AC, revolutionizing home cooling.



1968

Sharp's 1st RAC for Cold Climate

Designed the first AC for cold climates.



World's 1st RAC with an Expansion Valve

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

1983

1995



1st RAC with 5 Functions

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



1st RAC with Long Panel Technology

Improved airflow and efficiency with Long Panel Technology.



1st "AIREST" Air Purifier in Air-Conditioner

Elevated air quality with the AIREST air purifier function.

1996

2003

2007

2013

2019

2025

1st RAC with PCI Technology

Enhanced air quality with Plasmacluster Ion technology.



India's 1st Inverter RAC

Combined energy efficiency with advanced technology in DC-powered RACs



Sharp AC Re-launched in India

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





COOL

A soothing atmosphere of calm coolness allows you to unwind the way you like it.

CLEAN

Refreshing and pure air that restores your energy for clean and deep breaths.



COMFORT

Enveloping both body and mind in a
relaxing sense of ease and well-being.



冷冻 REIRYOU

Cool and Refreshing

A refreshing, cool breeze from the AC, mimicking nature's gentle airflow,
enveloping you in ultimate comfort.



Turbo
Cool



58° Heavy
Duty Machine



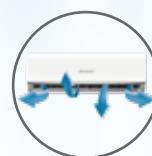
Twin
Rotary Compressor



0.1 µm
Health Filters



7 in 1
Convertible



4 Way
Swing



i Feel
Technology



Japan Quality
7 Shields

AH-SI19V3B-SC
1.5T 3 Star

AH-SI24V3B-SC
2.0T 3 Star

AH-SI18V5B-SC
1.5T 5 Star

AH-SI20V5B-SCHD
1.5T 5 Star TR



Plasma Chill

Fresh Air

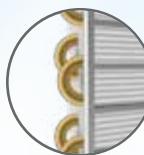
The ultimate experience of chilled relaxation delivered with unmatched efficiency, designed to turn any space into a haven of crisp, refreshing air.



i Feel
Technology



Hi-Tech
Inverter



Nano Coating
Technology



7 in 1
Convertible



55° Heavy
Duty Machine



0.1 µm
Health Filters



Japan Quality
7 Shields

AH-SI12V3B-SC
1.0T 3 Star

AH-SI18V3B-SC
1.5T 3 Star



SHARP

清涼 SEIRYO

Refreshing Coolness

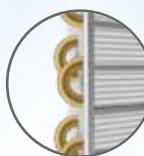
The embodiment of a pristine mountain stream refreshing the senses and restoring your inner peace.



i Feel
Technology



Hi-Tech
Inverter



Nano Coating
Technology



5 in 1
Convertible



55° Heavy
Duty Machine



0.1 µm
Health Filters



Japan Quality
7 Shields

AH-SI12V3B-GC
1.0T 3 Star

AH-SI18V3B-GC
1.5T 3 Star

AH-SI19V3B-GC
1.5T 3 Star

AH-SI24V3B-GC
2.0T 3 Star

AH-SI18V5B-GC
1.5T 5 Star



SHARP

REVOLUTIONIZING AIR, WITH EVERY BENEFIT



Sharp's Hi-Tech Inverter Technology

Sharp Inverter ACs adjust cooling based on room conditions for fast cooling, energy savings, and quiet operation.



Japan Quality 7 Shield

Sharp ACs meet Japan's strict quality standards, backed by 7 Shields protection for safety and durability in any condition.



Convertible Cooling Technology

Users can adjust cooling capacity from 100% to 40% with Turbo Cool for faster results.



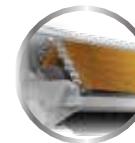
Heavy Duty Air-Conditioners

Designed for extreme temperatures up to 58°C, with a robust compressor for durability and wide coverage.



Nano Coating Technology

Enhances durability by protecting against corrosion, dust, and climate conditions, ensuring efficient cooling.



Anti-Corrosive Gold Fin Coating

Protects against corrosion, especially in humid areas, improving heat exchange and AC lifespan.



i Feel Technology

Maintains consistent temperature control (+/-0.5°C) using fuzzy logic and advanced microprocessor.



Turbo Cool Technology

Delivers rapid cooling by maximizing fan speed and turbo capacity, ideal for hot summers.



Twin Rotary Compressor

Offers higher capacity and adaptable cooling with double precision.



4-Way Swing

Provides uniform cooling with motorized horizontal and vertical swings.



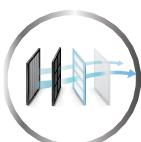
Self-Diagnosis

Smart Detect alerts users to faults with error codes for quick issue resolution.



Auto-Restart with Memory

Resumes operation with previous settings after a power outage.



7-Stage Filtration

Captures particles and eliminates odors for clean and fresh indoor air.



Brushless DC Motor

Offers reliable, quiet performance, ideal for high-speed operations.



Noise free Performance

Features an acoustic jacket to reduce noise and vibrations for a quieter experience.

7 IN 1 CONVERTIBLE

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%

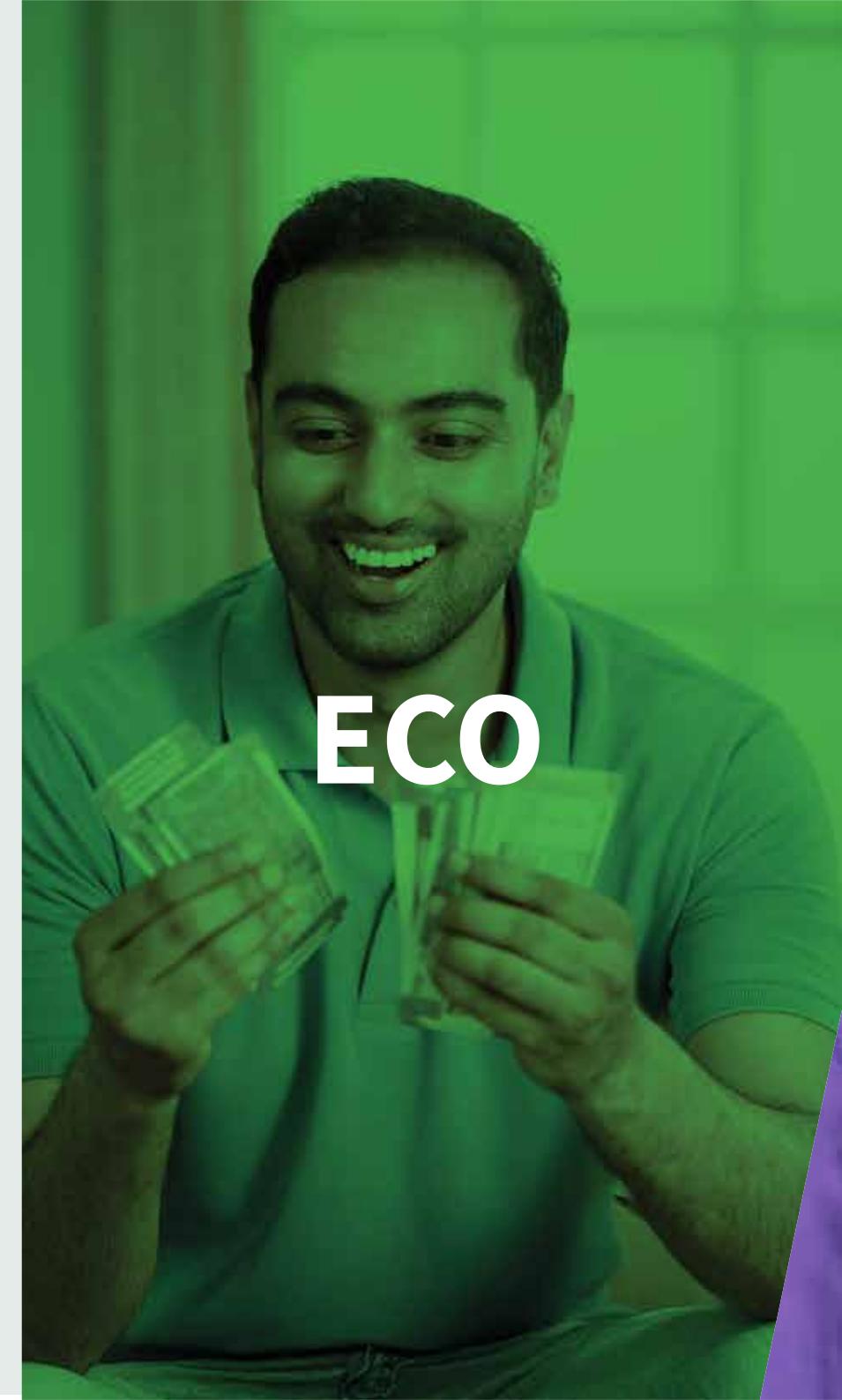
Regular Mode

The go-to mode for everyday cooling.

110%

Party Mode

Brings powerful cooling for lively celebrations.



A photograph of a man with a beard and dark hair, wearing a blue denim shirt over a white t-shirt. He is sitting in a light-colored wooden chair, looking down at a smartphone he is holding in his hands. He has a slight smile on his face. The background is a plain, light-colored wall.

SOLO

A photograph of a woman with dark hair tied back, wearing a dark blue polka-dot blouse. She is sitting at a wooden desk, looking down at a laptop screen. Her hands are visible on the keyboard. There are several books stacked on the desk in front of her. The lighting is warm and focused on her face and the desk area.

FOCUS

A photograph of a man with a beard and dark hair, wearing a white t-shirt and light green pants, sitting in a light-colored wooden chair with his hands behind his head. The background is a solid yellow color.

RELAX

A photograph of the same man sitting on a light blue sofa, smiling and looking towards the camera. The background is a solid blue color.

COOL

A photograph of a man and a woman sitting at a table, looking at a laptop screen together. The woman has her arm around the man's shoulder, and they both appear to be laughing or smiling. The background is a blurred indoor setting.

REGULAR

A photograph of three people in a dimly lit room, likely a basement or garage, playing video games. One person is seated in a chair, holding a game controller, while another stands behind them. A third person is partially visible on the right. There is a table in front of them with red solo cups, a bottle of beer, and a bowl of snacks. The scene is lit with warm, orange-red light.

PARTY



STRONG COOLING

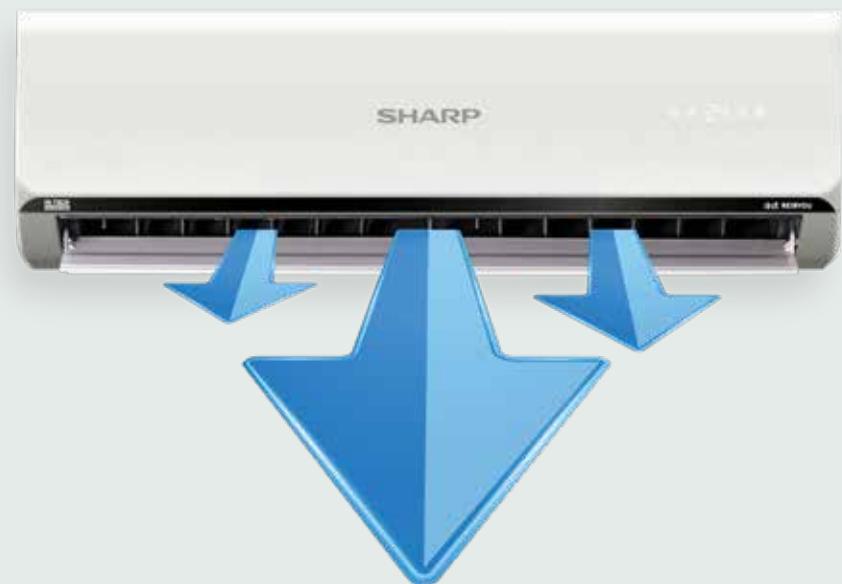
SPREADING COOLNESS TO
EVERY CORNER OF THE ROOM



LONG AIRFLOW, HI-TECH COOLING

Hi-Tech Inverter air conditioners automatically switch to energy-saving mode once the pre-set room temperature is reached. With high-power DC motors for the compressor and fan, they effectively reduce energy consumption.

These air conditioners deliver powerful airflow that reaches up to 18 m, ensuring consistent comfort throughout the room.



*Applicable features vary by models



DURABLE RELIABLE COOLING

Enjoy protection against these 7 elements



FIRE SHIELD

6-Sided All-Metal Enclosure

The design of the metal enclosure for the inverter's outdoor Circuit board meets USA safety standards (UL Standard).

Additional Electrical Coating

The circuit board has a protective coating that improves electrical insulation and reduces the risk of sparks and fire.

Safety Terminal Board

To ensure safety, the power supply is cut off if the temperature surrounding the terminal board becomes too high.



CORROSION SHIELD

Micro-Channel Heat Exchanger

The copper heat exchangers used in Sharp air conditioners are resistant to corrosion, ensuring reliability and energy efficiency.



DAMAGE SHIELD

Drop Tests

Sharp conducts drop tests to determine how well its packaging can stand up to impact and protect the product inside from delivery-related damage.



LIGHTNING SHIELD

Lightning Protection Circuit

Sharp uses a lightning protection circuit to keep the product safe from power surges and voltage spikes, ensuring it stays protected during sudden electrical changes.



VOLTAGE SHIELD

230 V Operation

Sharp air conditioners can provide operation at a low voltage of just 230 V, even in areas with unstable voltage.



VIBRATION SHIELD

Connectors with Locks

To ensure safe operation, all Sharp air conditioners use high-quality, Japanese-brand connectors.

Vibration Tests

Sharp conducts vibration tests to ensure that the quality of Sharp air conditioners will not be affected by even the roughest handling during delivery.



SQUALL SHIELD

Wind - and Rainproof Casing

The durable design of Sharp air conditioners protects them from damage brought on by the winds and rain that can occur during downpours and thunderstorms.

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.



It is precisely because Sharp makes products that use electricity that we work to reduce energy consumption, produce clean energy, and contribute to the realization of a low-carbon society.



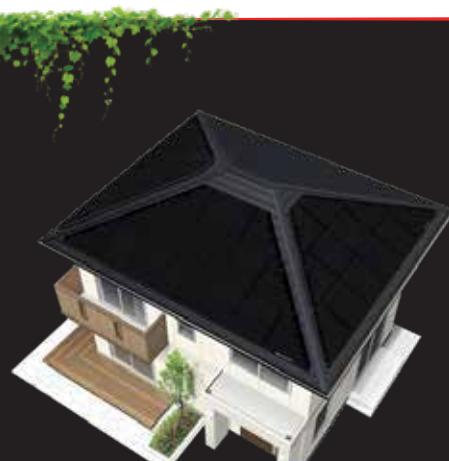
We strive to make effective use of the world's finite resources and help build a circular economy in which plastics and other materials are reused.



Sharp is focused on building safe, reliable, and durable technology. We work to enhance protection, prevent hazards, and contribute to a secure and sustainable future.



A next-generation refrigerant that results in zero Ozone depletion and protects environmental damage.



Conceptual image of BLACKSOLAR ZERO installation

BLACKSOLAR ZERO Residential Solar Cell Module Wins New Energy Foundation Chairman's Prize in 2022 New Energy Awards

Sharp's BLACKSOLAR ZERO residential solar cell module received the New Energy Foundation Chairman's Prize in the Products and Services category at the 2022 New Energy Awards. The awards are organized by the New Energy Foundation and supported by the Ministry of Economy, Trade, and Industry (METI).

This awards program seeks to accelerate society's adoption of solar power and other renewable energy by honoring outstanding developments in renewable-energy-related products and services, and applications of distributed energy.

EXAMPLES



AQUOS wish3 Smartphone Uses Significantly More Recycled Plastic

Sharp released its AQUOS wish3 basic model smartphone in July 2023. The third edition of a smartphone series whose simplicity matches a user's straightforward lifestyle, the wish3 is environmentally friendly and has a wealth of functions that are easy to use for the entire family.

The use of recycled plastic in the wish3's casing has been upped to approximately 60%^{*1}. It now also adopts^{*2} recycled plastic around the camera and in some interior parts. And adding to the phone's environmental friendliness is its use of a small and simple package using less paper than before.

^{*1} The AQUOS wish2, released in fiscal 2022, used approximately 35% recycled plastic.

^{*2} Parts other than the casing use approximately 35% recycled plastic.

SPREADING SMILES THROUGH INNOVATION

OUR PRESENCE IN INDIA

- HEAD OFFICE
- BRANCHES
- REPRESENTATIVE OFFICE

HEAD OFFICE - NOIDA

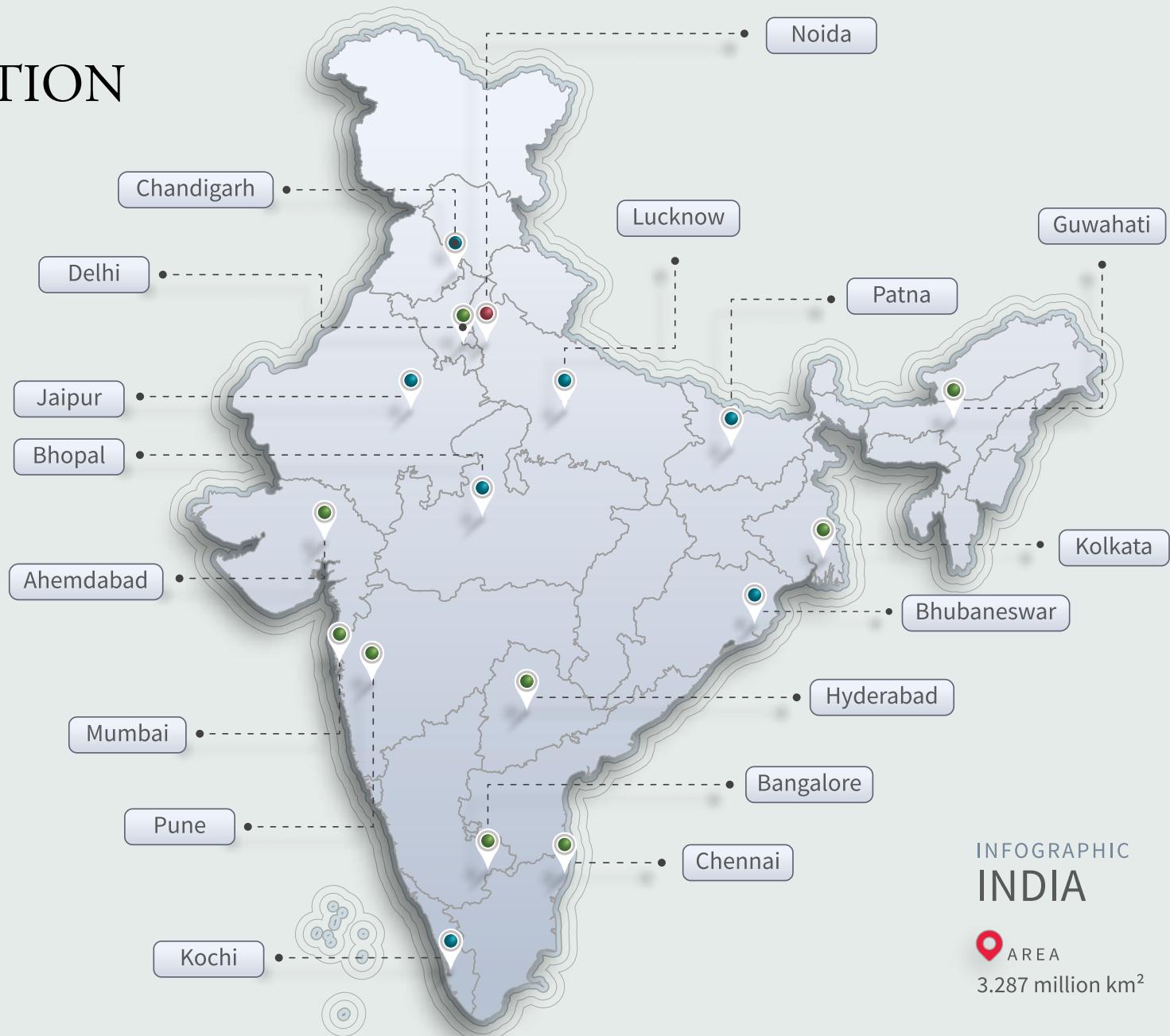
3rd Floor, Add India Centre, Sector-125,
Noida-201301, Uttar Pradesh

0120-335-8888

contact@sharp-oa.com

REGISTERED OFFICE – NEW DELHI

First Floor, Plot No 51, Okhla Industrial
Area, Phase - 3, Near Modi Mill., Delhi,
Delhi - 110020



TECHNICAL SPECIFICATIONS

SERIES		REIRYOU			
		AH-SI19V3B-SC	AH-SI24V3B-SC	AH-SI18V5B-SC	AH-SI20V5B-SCHD
MODEL NAME		AH-SI19V3B-SC	AH-SI24V3B-SC	AH-SI18V5B-SC	AH-SI20V5B-SCHD
SEGMENT		1.5T 3 STAR	2.0T 3 STAR	1.5T 5 STAR	1.5T 5 STAR TR
TYPE		COOL ONLY	COOL ONLY	COOL ONLY	COOL ONLY
CONTROL TYPE		REMOTE	REMOTE	REMOTE	REMOTE
RATED COOLING CAPACITY - FULL LOAD	W	5000	6270	5210	5300
RATED COOLING CAPACITY - HALF LOAD	W	2500	3135	2605	2650
RATED POWER - FULL LOAD	W	1705	2035	1315	1340
RATED POWER - HALF LOAD	W	573	757	460	468
ISEER FOR COOLING	W/W	3.9	3.88	5.15	5.15
INDOOR NOISE LEVEL(S/H/M/L/MUTE)	dB(A)	32 ± 2 (low)	39 ± 2 (low)	39 ± 2 (low)	40 ± 2
OUTDOOR NOISE LEVEL	dB(A)	52 ± 2	54 ± 2	54 ± 2	53 ± 2
POWER SUPPLY		230V~/50Hz/1P	230V~/50Hz/1P	230V~/50Hz/1P	230V~/50Hz/1P
VOLTAGE RANGE	V	155-285	155-285	155-285	155-285
ANNUAL ENERGY CONSUMPTION(COOLING)	kwh	993.57 Units Per Year	1252.53 Units Per Year	782.92 Units Per Year	797.12 Units Per Year
INDOOR AIR CIRCULATION(COOLING/HEATING)	m3/h	800	1050	1050	1050
REFRIGERANT/CHARGE	kg	R-32, 0.5	R-32, 0.74	R-32, 0.7	R-32, 0.74
COMPRESSOR TYPE		Single Rotary	Single Rotary	Single Rotary	Twin Rotary
OPERATION TEMPERATURE RANGE	°C	16°C ~ 55°C	16°C ~ 55°C	16°C ~ 55°C	16°C ~ 58°C
NET DIMENSIONS (W X D X H)	INDOOR	mm	900 x 294 x 206	1010 x 315 x 220	1010 x 316 x 220
	OUTDOOR	mm	780 x 292 x 603	780 x 292 x 603	780 x 292 x 603
NET WEIGHT	INDOOR	kg	11	14	13
	OUTDOOR	kg	25.5	30	29
PACKING DIMENSIONS (W X D X H)	INDOOR	mm	990 x 375 x 287	1096 x 390 x 297	1096 x 390 x 297
	OUTDOOR(W/O PIPE)	mm	890 x 385 x 650	890 x 385 x 650	890 x 385 x 650
GROSS WEIGHT	INDOOR	kg	12.5	16	16
	OUTDOOR(W/I PIPE)	kg	28	32.5	32
FIN		Gold Fin	Gold Fin	Gold Fin	Gold Fin
SWING		2 Way	2 Way	2 Way	4 Way
REFRIGERANT		R-32	R-32	R-32	R-32
AUTO RESTART		Yes	Yes	Yes	Yes
TURBO MODE		Yes	Yes	Yes	Yes
SELF CLEANING		Yes	Yes	Yes	Yes
ECO MODE		Yes	Yes	Yes	Yes
REFRIGERANT LEAKAGE DETECTION		Yes	Yes	Yes	Yes
CONVERTIBLE		7 in 1	7 in 1	7 in 1	7 in 1
SLEEP MODE		Yes	Yes	Yes	Yes
EVA COIL U BEND NANO TEK COATING		Yes	Yes	Yes	Yes
COOLING		55 degree cooling	55 degree cooling	55 degree cooling	58 degree cooling
CONDENSER		Copper	Copper	Copper	Copper

PLASMA CHILL		SEIRYO					
							
AH-SI12V3B-SC	AH-SI18V3B-SC	AH-SI12V3B-GC	AH-SI18V3B-GC	AH-SI19V3B-GC	AH-SI24V3B-GC	AH-SI18V5B-GC	
1.0T 3 STAR	1.5T 3 STAR	1.0T 3 STAR	1.5T 3 STAR	1.5T 3 STAR	2.0T 3 STAR	1.5T 5 STAR	
COOL ONLY	COOL ONLY	COOL ONLY	COOL ONLY	COOL ONLY	COOL ONLY	COOL ONLY	
REMOTE	REMOTE	REMOTE	REMOTE	REMOTE	REMOTE	REMOTE	
3350	4700	3350	4700	5000	6270	4700	
1675	2350	1675	2350	2500	3135	2605	
1072	1579	1072	1579	1705	2035	1315	
396	559	396	559	573	757	460	
3.95	3.85	3.95	3.85	3.9	3.88	5.15	
32 ± 2 (low)	35 ± 2 (low)	32 ± 2 (low)	35 ± 2 (low)	35 ± 2 (low)	39 ± 2 (low)	39 ± 2 (low)	
52 ± 2	52 ± 2	52 ± 2	52 ± 2	52 ± 2	54 ± 2	54 ± 2	
230V~/50Hz/1P	230V~/50Hz/1P	230V~/50Hz/1P	230V~/50Hz/1P	230V~/50Hz/1P	230V~/50Hz/1P	230V~/50Hz/1P	
155-285	155-285	155-285	155-285	155-285	155-285	155-285	
657.31 Units Per Year	946.17 Units Per Year	657.31 Units Per Year	946.17 Units Per Year	946.17 Units Per Year	1252.53 Units Per Year	782.92 Units Per Year	
460	800	460	800	800	1050	1050	
R-32, 0.42	R-32, 0.48	R-32, 0.42	R-32, 0.48	R-32, 0.48	R-32, 0.74	R-32, 0.7	
Single Rotary	Single Rotary	Single Rotary	Single Rotary	Single Rotary	Single Rotary	Single Rotary	
16°C ~ 55°C	16°C ~ 55°C	16°C ~ 55°C	16°C ~ 55°C	16°C ~ 55°C	16°C ~ 55°C	16°C ~ 55°C	
770 x 250 x 205	900 x 294 x 206	770 x 250 x 205	900 x 294 x 206	900 x 294 x 206	1010 x 315 x 220	1010 x 316 x 220	
728 x 256 x 553	780 x 292 x 603	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	
8.5	8.5	8.5	10.5	11	14	13	
21.5	21.5	21.5	24	25.5	30	29	
846 x 321 x 269	990 x 375 x 287	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	
845 x 340 x 615	890 x 385 x 650	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	
10	10	10	12	12.5	16	16	
24	24	24	26	28	32.5	32	
Gold Fin	Gold Fin	Gold Fin	Gold Fin	Gold Fin	Gold Fin	Gold Fin	
2 Way	2 Way	2 Way	2 Way	2 Way	2 Way	2 Way	
R-32	R-32	R-32	R-32	R-32	R-32	R-32	
Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Yes	Yes	Yes	Yes	Yes	Yes	Yes	
7 in 1	7 in 1	5 in 1	5 in 1	5 in 1	5 in 1	5 in 1	
Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Yes	Yes	Yes	Yes	Yes	Yes	Yes	
55 degree cooling	55 degree cooling	55 degree cooling	55 degree cooling	55 degree cooling	55 degree cooling	55 degree cooling	
Copper	Copper	Copper	Copper	Copper	Copper	Copper	



*T&C apply

SHARP

SIMPLY
BETTER *lifestyle*

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in.sharp

