

3-STAR BEE RATED

R32 ECO REFRIGERANT



HITACHI

SHIZEN 3100S

HP Hot & Cold Series

Smart Cooling for Everyday Comfort

HOT & COLD

Year-Round
Comfort

-15°C to 52°C

Operating
Range

Expandable+

Inverter
Technology

100% Copper

Condenser
Coil

Stabilizer-Free

110V–285V
Operation

The Perfect All-Season AC for Indian Homes

The Hitachi Shizen 3100S HP is a nature-inspired, 3-star inverter split AC built for India's extreme climate. With Hot & Cold technology operating from -15°C to 52°C, an Expandable+ inverter compressor, R32 eco-friendly refrigerant, and 100% copper condenser, it delivers reliable comfort in every season — from the peak of summer heat to the chill of Himalayan winters.

1 TON

1.5 TON

2 TON

Available Capacities

hitachiaircon.com/in | Available at Amazon, Flipkart, Croma, Reliance Digital

KEY FEATURES AT A GLANCE

Engineered for India's climate — the Hitachi Shizen 3100S HP combines Japanese precision with purpose-built features for every Indian season.

❄️ Hot & Cold Technology

The only AC you need all year. The Shizen 3100S HP cools in summer and heats in winter, maintaining ideal comfort from -15°C to 52°C. Uniform heating with moisture retention ensures warmth even in peak Himalayan winters.

■ Expandable+ Inverter

Hitachi's Expandable+ inverter technology automatically expands compressor capacity during extreme heat, cuts humidity levels faster, and achieves your set temperature quicker. Stepless compressor control ensures energy-proportional operation — no wasted power.

■ R32 Eco-Friendly Refrigerant

R32 refrigerant has a Global Warming Potential (GWP) of just 675 — one-third of R410A (GWP: 2088). It requires a smaller refrigerant volume, improves energy transfer efficiency, and significantly reduces your environmental footprint.

■ 100% Inner Grooved Copper

Hitachi's proprietary inner-grooved copper tubes create turbulent refrigerant flow, dramatically enhancing heat transfer rates. The result: faster cooling, better durability, and low-maintenance operation that keeps costs down over time.

■ Stabilizer-Free Operation

Operates safely across a wide voltage range of 110V to 285V without an external stabilizer. This protects the compressor from India's common power fluctuations and eliminates the cost and space of a separate stabilizer unit.

■ Auto Coil Dry Technology

When the AC is switched off, the indoor fan continues running briefly to dry the evaporator coil. This prevents accumulation of dust, pollen, and debris — eliminating unpleasant odours and maintaining clean, fresh airflow every time you switch on.

TECHNICAL SPECIFICATIONS

Detailed specifications for the Hitachi Shizen 3100S HP series across all available capacities.

SPECIFICATION	1 TON	1.5 TON	2 TON
Model	RAPG312HFEOZ1	RSQG318HGXA	RMRG324HEXA
Type	Hot & Cold Split AC	Hot & Cold Split AC	Hot & Cold Split AC
Star Rating	3 Star (BEE)	3 Star (BEE)	3 Star (BEE)
Refrigerant	R32	R32 / R410A	R32 / R410A
Cooling Capacity	~3,500 W	5,000–5,500 W	~7,000 W
Annual Energy Consumption	~840 units	1,040 units	~1,380 units
ISEER Value	~3.50	3.80	~3.60
Operating Range	-15°C to 52°C	-15°C to 52°C	-15°C to 52°C
Voltage Range	110V – 285V	110V – 285V	110V – 285V
Compressor Type	Tropical Rotary Inverter	Tropical Rotary Inverter	Tropical Rotary Inverter
Indoor Unit (W×H×D mm)	850 × 288 × 215	968 × 294 × 240	1,090 × 300 × 255
Noise Level (IDU)	~40 dB(A)	44 dB(A)	~46 dB(A)
Air Circulation	~430 CFM	530 CFM	~620 CFM
Condenser Coil	100% Copper (Inner Grooved)	100% Copper (Inner Grooved)	100% Copper (Inner Grooved)
Warranty	1Y + 5Y PCB + 10Y Compressor	1Y + 5Y PCB + 10Y Compressor	1Y + 5Y PCB + 10Y Compressor

* Specifications may vary by region and launch year. Annual energy consumption is per BEE guidelines. Verify current specifications at hitachiaircon.com/in before purchase.

HOT & COLD TECHNOLOGY — YEAR-ROUND COMFORT

Most ACs only cool. The Shizen 3100S HP does both — giving you a single, smart appliance that keeps your family comfortable in every Indian season.

SUMMER COOLING

The Shizen 3100S HP delivers powerful, fast cooling even at ambient temperatures up to **54°C**. The Expandable+ inverter automatically boosts compressor capacity during extreme heat — cutting humidity and reaching your set temperature faster.

COOLING HIGHLIGHTS:

Up to 54°C — Extreme ambient temperature cooling

530 CFM — High-volume air circulation

Expandable+ — Auto capacity boost in heat

SuperFine Filter — Captures microdust & allergens

Auto Coil Dry — Odour-free, fresh air always

WINTER HEATING

The Hot & Cold technology operates down to **-15°C outdoor temperature**, ensuring efficient heating across every Indian climate — from the freezing valleys of Kashmir to the humid coast of Kerala. Unlike electric heaters, it retains indoor moisture for natural, healthy warmth.

HEATING HIGHLIGHTS:

Down to -15°C — Outdoor operating temperature

Moisture Retention — No dry air — natural warmth

Uniform Heating — Even temperature distribution

Faster Warm-Up — Inverter compressor response

Energy Efficient — vs. electric heaters or geysers

OPERATING TEMPERATURE RANGE

From the icy winters of Leh (-15°C) to the peak summer heat of Jaisalmer (52°C+) — the Shizen 3100S HP keeps you comfortable everywhere in India, all year long.

-15°C ————— **20°C (Ideal)** ————— **52°C+**

AIR QUALITY & COMFORT TECHNOLOGIES

Beyond cooling and heating, the Shizen 3100S HP actively improves the quality of air you breathe — essential in Indian urban and semi-urban environments.

SuperFine Mesh Filter

- Captures microdust particles invisible to standard filters
- Anti-bacterial treatment inhibits bacterial growth on filter surface
- Filter Clean Indicator alerts you when cleaning is needed
- Easy-clean design — removable and washable without tools

"Cleaner air for your family — no compromise."

Auto Coil Dry Technology

- Indoor fan runs briefly after shutdown to dry the evaporator coil
- Prevents moisture-induced mould, bacteria, and odour buildup
- Maintains consistently fresh, odour-free air circulation
- Extends coil life and maintains efficiency over long-term use

"Fresh air — every time you switch on."

SuperSlit Fins Technology

- Multiple slits on heat exchanger fins increase surface area
- Greater surface area means faster, more efficient heat exchange
- Achieves room temperature targets sooner, reducing run time
- Contributes to lower energy bills and faster comfort delivery

"More surface. Faster cooling. Less energy."

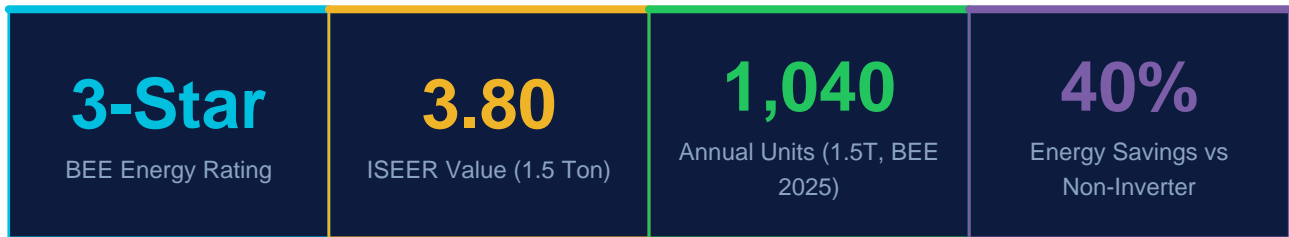
4-Way Auto Swing

- Motorised louvres distribute air in four directions automatically
- Eliminates hot or cold spots — uniform temperature throughout
- Manual override available for directional control preference
- Ensures every corner of the room reaches the set temperature

"Uniform comfort — wall to wall."

ENERGY EFFICIENCY & SAVINGS

The Shizen 3100S HP is engineered to deliver maximum comfort while minimising your electricity bill — through smart inverter technology and precise efficiency engineering.



HOW IT COMPARES — ANNUAL RUNNING COST ESTIMATE

AC TYPE	ANNUAL UNITS (1.5T)	COST/YEAR @ Rs.8/unit	SAVING/YEAR
Hitachi Shizen 3100S (3★ Inv.)	1,040	Rs.8,320	—
Non-Inverter 3 Star	1,420	Rs.11,360	Rs.3,040 less
Non-Inverter 2 Star	1,600	Rs.12,800	Rs.4,480 less
Non-Inverter 1 Star	1,800	Rs.14,400	Rs.6,080 less

* Estimate based on 8 hours/day usage at Rs.8/unit tariff. Actual savings depend on usage patterns, room size, and local electricity rates. Source: BEE 2025 Energy Ratings.

INSTALLATION & MAINTENANCE GUIDE

Getting the most from your Hitachi Shizen 3100S HP starts with correct installation and simple, regular maintenance.

INSTALLATION TIPS

Room Sizing

1 Ton for up to 120 sq ft | 1.5 Ton for 120–160 sq ft |
2 Ton for 160–240 sq ft. Consider ceiling height, sunlight exposure, and number of occupants.

Wall Mounting Height

Indoor unit should be mounted 7–8 feet above the floor for optimal airflow distribution and easy access for maintenance.

Pipe Length

Standard copper pipe length is up to 5 metres. Longer runs require additional refrigerant. Minimise bends for efficiency.

Electrical Supply

Requires dedicated 230V / 15A connection. Stabilizer not needed (110–285V stabilizer-free range). Ensure proper earthing.

Outdoor Unit Position

Place ODU in a well-ventilated area with at least 30 cm clearance on all sides. Avoid direct sunlight if possible.

Professional Installation

Always use a Hitachi-certified technician for installation. Improper installation voids the warranty.

MAINTENANCE SCHEDULE

Weekly

Wipe the indoor unit front panel with a dry cloth. Check for unusual sounds or reduced airflow.

Monthly

Clean the SuperFine mesh filter — remove, rinse under water, allow to dry fully before reinstalling.

Seasonal (Pre-Summer)

Schedule professional service: check refrigerant levels, clean the outdoor unit fins, and test all operating modes.

Seasonal (Pre-Winter)

Test heating mode before temperatures drop. Clean filters and check that the outdoor unit drainage is clear.

Annual

Professional deep clean of coils (Auto Coil Dry helps but an annual service maintains peak efficiency). Check all electrical connections.

Filter Indicator

The Filter Clean Indicator on the unit automatically alerts you when cleaning is overdue — never ignore this prompt.

WARRANTY, SUPPORT & WHERE TO BUY

Hitachi backs the Shizen 3100S HP with one of the industry's most comprehensive warranties, supported by a nationwide service network.

<p style="text-align: center;">1 YEAR</p> <p style="text-align: center;">Standard Product Warranty</p> <p style="text-align: center;">Full warranty on all parts and labour. Register your product at hitachiaircon.com/in for activation.</p>	<p style="text-align: center;">5 YEARS</p> <p style="text-align: center;">PCB Controller Warranty</p> <p style="text-align: center;">Extended warranty on the Printed Circuit Board — the brain of the inverter system. Protects your investment.</p>	<p style="text-align: center;">10 YEARS</p> <p style="text-align: center;">Compressor Warranty</p> <p style="text-align: center;">Industry-leading 10-year warranty on the inverter compressor — the most critical and expensive component.</p>
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WHERE TO BUY

Hitachi Official Store	buy.hitachiaircon.in	Direct manufacturer purchase — guaranteed authenticity
Amazon India	amazon.in	Fast delivery + Easy EMI + Free installation in select cities
Flipkart	flipkart.com	Competitive pricing + No-cost EMI + Exchange offers available
Croma	croma.com	In-store demo + Expert advice + Installation service
Reliance Digital	reliancedigital.in	Pan-India stores + Service centres + Exchange programmes
Local Dealers	hitachiaircon.com/in	Find authorised Hitachi dealers near you using the store locator

APPROXIMATE PRICE RANGE (2024–25)

CAPACITY	APPROXIMATE PRICE RANGE	BEST FOR
1 Ton	Rs.28,000 – Rs.34,000	Small rooms up to 120 sq ft
1.5 Ton	Rs.38,000 – Rs.48,000	Medium rooms 120–160 sq ft
2 Ton	Rs.52,000 – Rs.62,000	Large rooms 160–240 sq ft

* Prices are approximate and subject to change. Check current prices at hitachiaircon.com/in or your preferred retailer.

WHY CHOOSE THE HITACHI SHIZEN 3100S HP?

A quick summary of everything that makes the Shizen 3100S HP the smart choice for Indian homes seeking all-season, energy-efficient comfort.

● All-Season Comfort

Hot & Cold technology works from -15°C to 52°C — one appliance for summer and winter.

● Smart Inverter Savings

Expandable+ inverter adjusts power based on demand — saving up to 40% vs non-inverter ACs.

● Eco-Friendly by Design

R32 refrigerant with GWP of 675 — 67% lower than R410A. Better for your home and the planet.

● Built for Indian Conditions

Stabilizer-free operation (110–285V), tropical compressor, 54°C extreme cooling.

● Premium Build Quality

100% inner-grooved copper, SuperSlit fins, and anti-corrosive ODU coating ensure longevity.

● Clean, Fresh Air

SuperFine filter + Auto Coil Dry eliminate dust, bacteria, and odours automatically.

● Nature-Inspired Design

Shizen (Nature in Japanese) — a sleek, minimalist unit that complements any room aesthetic.

● Unbeatable Warranty

1-Year standard + 5-Year PCB controller + 10-Year compressor — industry-leading coverage.

READY TO UPGRADE YOUR COMFORT?

Experience the Hitachi Shizen 3100S HP — Smart Cooling for Everyday Comfort. Visit hitachiaircon.com/in to explore the full range, find a dealer near you, and get a personalised quote.

[Amazon](#) · [Flipkart](#) · [Croma](#) · [Reliance Digital](#) · [Official Hitachi Store](#)