



Hyper Inverter

Cooling Only

HYPER INVERTER • 3.0 TON • 4 STAR

Product Snapshot

Series

100 Series

Configuration

Cooling Only

Compressor

Twin Rotary

Area Coverage

41.80 ~ 55.74

Air Flow

1600 m³/hr

Long Reach

20 meters

Sound Level

47 / 43 / 38 / ULo 27

Outdoor Unit

750×880(+88) × 340 mm

SRK100YA-W6

3.0Ton | 0.56Ton~3.12Ton

4

STAR
BEE 2025

INVERTER

HyperInverter

4 STAR

BEE 2025

R32

Refrigerant

1600 CMH

Air Flow

HYPER INVERTER • 4 STAR

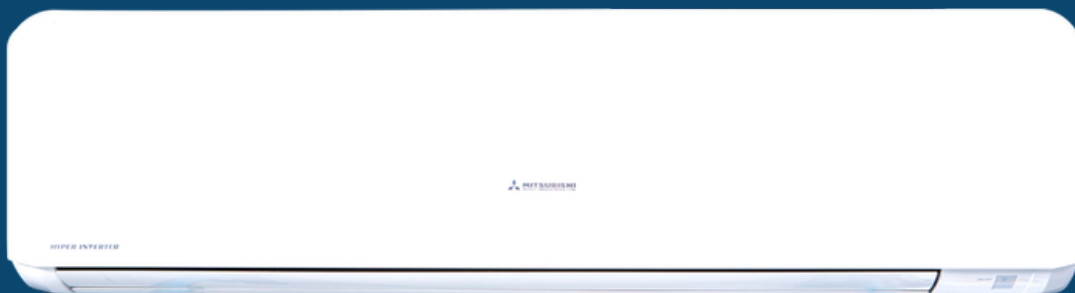
SRK100YA-W6 | 3.0Ton | CoolingOnly

Feature Guide

SRK100YA-W6|ComfortableCooling • Clean Air • Smart Inverter

Professional Feature Overview

This brochure follows the supplied catalog's terminology and keeps model-specific claims limited to source-supported features.



3.0 Ton Capacity

Cooling capacity is listed as 3.0 Ton, with a 0.56–3.12 Ton operating range.

1600 CMH Air Flow

The supplied specification table lists 1600 CMH indoor-unit airflow.

20 m Long Reach

Long-reach airflow is listed at 20 meters.

4 Star — BEE 2025

The specification table lists a 4 Star BEE 2025 rating.

Twin Rotary Compressor

Twin Rotary compressor type is specified for the model.

Hyper Inverter

ECO SMART – HYPER INVERTER (R32) – COOLING ONLY.

VFD

Variable Frequency Drive is listed in the specification section.

Self Diagnosis

Self-diagnosis function is listed as Yes.

R32 Refrigerant

R32 is specified for the SRK100YA-W6.

Extended Coverage

Catalog area coverage is listed as 41.80–55.74 sq. meters.

HYPER INVERTER • 1600 CMH • 20 m LONG REACH

R32 • 4StarBEE2025 • TwinRotary • VFD • SurroundCooling

Anti-Micro Biol Fan

PARAMETER	SPECIFICATION
Model	Indoor: SRK100YA-W6 Outdoor: FDC100YNA-W6
Series / Type	ECOSMART • HYPER INVERTER (R32) • COOLING ONLY
Capacity	3.0 Ton (0.56 Ton ~ 3.12 Ton)
BEE Star Rating - 2025	4 Star
Compressor Type	Twin Rotary
Maximum Cooling Capacity	37,532 BTU/hr
Rated Cooling Capacity	35,533 BTU/hr @ 100% load 18,425 BTU/hr @ 50% load 11,000 W @ 120% load
Rated Cooling Capacity (Watts)	10,414 W @ 100% load 5,400 W @ 50% load
Rated Power Consumption	2,900 W @ 100% load 1,000 W @ 50% load
Rated EER	3.6 @ 100% load 5.4 @ 50% load
ISEER	4.85
Current	1.0 ~ 13.2
Indoor Unit Dimensions	339 × 1197 × 262 mm
Outdoor Unit Dimensions	750 × 880 (+88) × 340 mm
Indoor / Outdoor Weight	16.5 kg / 51.0 kg
Cooling Coil Rows	3
Air Flow	1600 CMH
Long Reach Air Flow	20 meters
Self Diagnosis	Yes
Sound Level (H/M/L/ULo)	47 / 43 / 38 / ULo 27
Louver Swing	3D + 3D AUTO controlled by Micro Processor
Special Filter	R32 • 4 Star BEE 2025 • Twin Rotary • VFD • Surround Cooling
Blower Fan	Anti-Micro Biol Fan
Fan Speed	Auto / Powerful / High / Medium / Low / ULo
Refrigerant	R32
Liquid Line	6.35 mm (1/4")
Gas Line	15.88 mm (5/8")
Area Coverage	41.80 ~ 55.74
Power Source	1 Phase, 220 / 230 / 240 V, 50 Hz
Minimum Compressor RPM	7 ~ 15 RPM using iPM (Intelligent Power Module)

OUTDOOR UNIT: FDC100YNA-W6

R32 | Liquid:6.35mm(1/4") | Gas:15.88 mm (5/8")



Installation & Technical Notes

SRK100YA-W6

Refrigerant Piping

Liquid line

6.35 mm (1/4")

Gas line

15.88 mm (5/8")

Electrical & Connectivity

Power source: 1 Phase, 220 / 230 / 240 V, 50 Hz. Refrigerant: R32. Liquid line: 6.35 mm (1/4"). Gas line: 15.88 mm (5/8").
Connecting wiring: 2.5 mm² × 4 cores with earthing cable.

Important Selection Note

The supplied catalog advises customers to seek guidance from the Authorized Dealer / Expert for AC capacity selection before ordering. Area coverage is subject to site conditions such as terrace/wall/glass windows exposed to direct sunlight, room temperature requirements and outdoor conditions.

SRK100YA-W6 — Quick Reference

Capacity	3.0 Ton	Air Flow	1600 CMH
Star Rating	4 Star — BEE 2025	ISEER	4.85
Area Coverage	41.80 ~ 55.74	Long Reach	20 meters



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