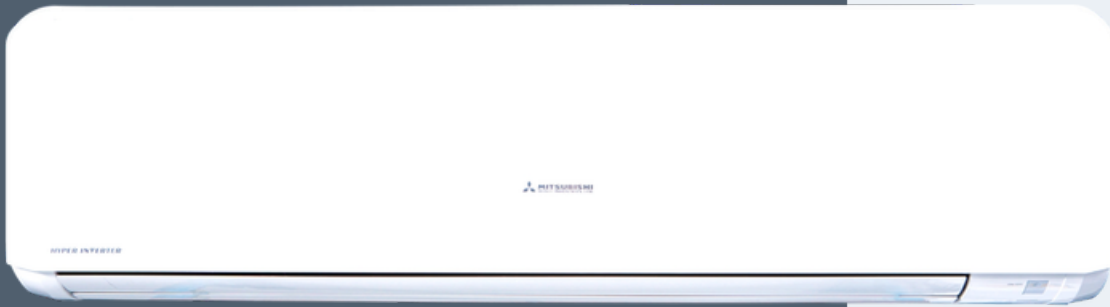




MITSUBISHI HEAVY INDUSTRIES

SRK27YAMDA-W

Hyper Inverter • R32 • Cooling Only

2.25 TON

3 STAR

R32 • INVERTER

CORE HIGHLIGHTS

MAX COOLING

8,834 W

RATED COOLING

7,900 W

POWER @ 100%

2,312 W

ISEER

4.55

AIRFLOW

1,250 CMH

LONG REACH

UP TO 19 m

3D

SURROUND COOLING

19 M

LONG REACH AIRFLOW

PM2.5

NANO AIR FILTER

52°C

HIGH AMBIENT

145–285V

WIDE VOLTAGE

R32

REFRIGERANT

PRODUCT POSITIONING

A Hyper Inverter R32 cooling-only split AC with variable-frequency compressor control, wide-voltage operation from 145V–285V and 52°C ambient operation.

Core Specifications

Model	SRK27YAMDA-W
Outdoor model	SRC27YAMDA-W
Product type	HYPER INVERTER (R32) • Cooling Only
Nominal cooling capacity	2.25 Ton (0.40 Ton ~ 2.51 Ton)
BEE star rating (2026)	3 Star
Ambient operating range	Up to 52°C
Expansion / refrigerant control	EEV (Electronic Expansion Valve)
Maximum cooling capacity (120% load)	8,834 W • 30,142 BTU/hr
Rated cooling capacity (100% load)	7,900 W • 26,955 BTU/hr
Rated cooling capacity (50% load)	3,950 W • 13,477 BTU/hr
Rated power consumption (100% load)	2,312 W
Rated power consumption (50% load)	775 W
Rated EER (100% load)	3.4 W/W
Rated EER (50% load)	5.1 W/W
ISEER	4.55
Compressor	DC Inverter Twin Rotary Compressor

Airflow & Acoustic

Indoor airflow	1,250 CMH
Long-reach airflow	Up to 19 m
Sound level (HI-P / H / M / L)	54 / 51 / 48 / 45 dB
Self diagnosis	Yes
Airflow control	3D + 3D AUTO
Louver swing	Yes
Special filter	Anti-viral coated pre-filter + PM2.5 filter
Blower / fan	Anti-microbial fan • BLDC fan motor

Dimensions & Airflow

Indoor unit dimensions (H × W × D)	330 × 1100 × 250 mm
Outdoor unit dimensions (H × W × D)	752 × 910 × 330 mm
Indoor unit weight	13.0 kg
Outdoor unit weight	45.5 kg
Area coverage	27.87 – 41.80 m ²

Electrical & Refrigeration Details

Power supply	1 Phase, 220 / 230 V, 50 Hz
Wide voltage operating range	145 V – 285 V
Rated current	10.5 A
Main power cable	2.5 mm ² × 3 cores + earthing cable
Indoor–outdoor connecting wiring	2.5 mm ² × 4 cores + earthing cable
Refrigerant	R32
Refrigerant piping thickness	18 Gauge (1 mm)
Liquid / gas piping	6.35 mm (1/4") / 15.88 mm (5/8")
Refrigerant pipe length	5 m standard / 10 m (model-dependent catalog arrangement)
Power controller	iPM (Intelligent Power Module)
VFD	Dual Driver – Variable Frequency Drive
Compressor control range	8 – 120 RPM using Dual Driver Controller

Key Features

- Wide Voltage**
145–285V operation
- 52°C Ambient**
Designed for high ambient conditions
- Powerful JET**
Hi-Power cooling mode
- 3D + 3D AUTO**
Intelligent airflow control
- Nano PM2.5 Filter**
Fine-particle filtration
- Anti-Viral Filter**
Anti-viral coated pre-filter
- Blue Fin**
Anti-corrosive Blue Fin coils + bends
- Self Clean**
Self-clean function
- Surge Protector**
Protection feature listed in catalog
- Backlit Remote**
Backlit remote control
- Wide Horizontal Louver**
Broad airflow delivery
- Sleep**
Sleep function



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