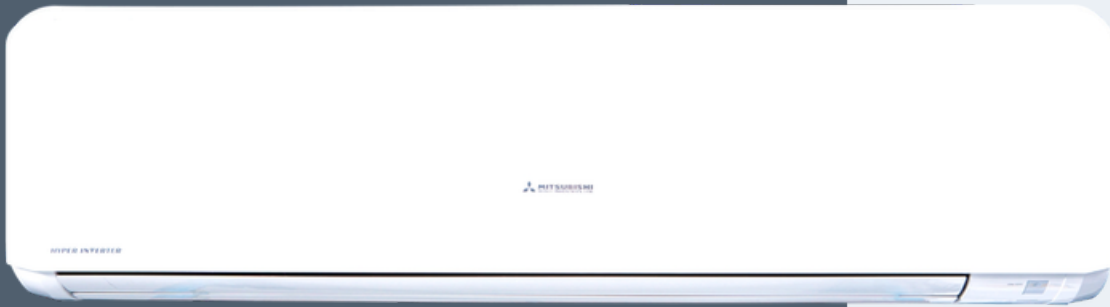




MITSUBISHI HEAVY INDUSTRIES

SRK21YAMDA-W

Hyper Inverter • R32 • Cooling Only

1.75 TON

3 STAR

R32 • INVERTER

CORE HIGHLIGHTS

MAX COOLING

6,890 W

RATED COOLING

6,100 W

POWER @ 100%

1,755 W

ISEER

4.43

AIRFLOW

1,080 CMH

LONG REACH

UP TO 16 m

3D

SURROUND COOLING

16 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	SRK21YAMDA-W
Outdoor model	SRC21YAMDA-W
Product type	HYPER INVERTER (R32) • Cooling Only
Nominal cooling capacity	1.75 Ton (0.35 Ton ~ 1.95 Ton)
BEE star rating (2026)	3 Star
Ambient operating range	Up to 52°C
Expansion / refrigerant control	Capillary
Maximum cooling capacity (120% load)	6,890 W • 23,509 BTU/hr
Rated cooling capacity (100% load)	6,100 W • 20,813 BTU/hr
Rated cooling capacity (50% load)	3,050 W • 10,407 BTU/hr
Rated power consumption (100% load)	1,755 W
Rated power consumption (50% load)	638 W
Rated EER (100% load)	3.5 W/W
Rated EER (50% load)	4.8 W/W
ISEER	4.43
Compressor	DC Inverter Rotary Compressor

Airflow & Acoustic

Indoor airflow	1,080 CMH
Long-reach airflow	Up to 16 m
Sound level (HI-P / H / M / L)	49 / 45 / 42 / 36 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)	295 × 1000 × 230 mm
Outdoor unit dimensions (H × W × D)	645 × 810 × 301 mm
Indoor unit weight	11.0 kg
Outdoor unit weight	29.0 kg
Area coverage	27.88 – 37.17 m²

Electrical & Refrigeration Details

Power supply	1 Phase, 220 / 230 V, 50 Hz
Wide voltage operating range	145 V – 285 V
Rated current	8.0 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") / 12.7 mm (1/2")
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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