

HITACHI

Hitachi air

Feel it to believe it

Cooling & Heating



The power of technology

3-Star Inverter Series

HITACHI

未来 | **MERAI**
3100S



Tonnage Class

Star Rating



Hitachi air

Auto Coil Dry

Big Flow Deflector

Wave Blade Design

Key Features

Filter Clean Indicator

Tropical Inverter

Stabiliser Free

Other Features

Green REFRIGERANT
Eco-Friendly Refrigerant

Inner Grooved Copper

43 Quality Tests

Koukin Filter

DESCRIPTION	UNIT	MERAI 3100S		
Tonnage Class		1.0TR	1.5TR	1.8TR
Star Rating	No. of BEE Stars	3	3	3
Unit	Model Number	RSFS311HCEA	RSNS317HCEA	RMNS322HCEA
IDU	Model Number	ESFS311HCEA	ESNS317HCEA	EMNS322HCEA
ODU	Model Number	CSFS311HCEA	CSNS317HCEA	CMNS322HCEA
Compressor	Type	Rotary	Rotary	Rotary
Rated Power Supply	Volts/Hz/Phase	230/50/1	230/50/1	230/50/1
Rated Cooling Capacity (100 % load)	BTU/Hr	12000	17400	21500
Maximum Cooling Capacity	BTU/Hr	13200	17400	21500
Rated Cooling Capacity (100 % load)	Watts	3516	5100	6300
Maximum Cooling Capacity	Watts	3870	5100	6300
Rated Power Input (100 % load)	Watts	1110	1730	2090
Rated ISEER		3.80	3.80	3.80
Cooling Seasonal Energy Consumption	(kWh)	717.05	1039.88	1282.37
Current Drawn (Rated)	Amps	5.1	7.9	9.6
Fan Speed	Steps	3	3	3
Airflow (IDU) (Cooling -Super High)	CFM	405	530	583
Sound Level* (IDU)	dB	37	36	37
Dimension (IDU) (W X H X D)	mm	798 X 295 X 239	968 X 294 X 240	968 X 294 X 240
Dimension (ODU) (W X H X D)	mm	750 X 548 X 288	750 X 548 X 288	792 X 600 X 299
Net Weight (IDU)	Kg	8.50	11.20	11.20
Net Weight (ODU)	Kg	28.60	29.90	41.10
Suction Line Diameter	mm (Inches)	9.53 (3/8")	12.7 (1/2")	15.878 (5/8")
Liquid Line Diameter	mm (Inches)	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")
Maximum Piping Length	Mtr	25	25	25

Features may vary from model to model.
*At Super silent fan speed & at a distance of 1 m.
Hitachi Air Conditioners are designed to work in ambient temperature up to 52°C.
Stabiliser-free operation in inverter series is in standard test condition & within specified voltage range.
Images of remote & Indoor Unit is just for representation purpose only, actual product appearance may vary model to model.
Due to continuous research & development, specifications, features and look may change without prior notice.

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3100S



Tonnage Class

Star Rating

1.0



1.5



1.8



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Auto Coil Dry



Big Flow
Deflector



Wave Blade
Design

Key
Features



Filter Clean
Indicator



Tropical
Inverter



Stabiliser
Free

Other
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Eco-Friendly
Refrigerant



Inner Grooved
Copper



43
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Filter

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