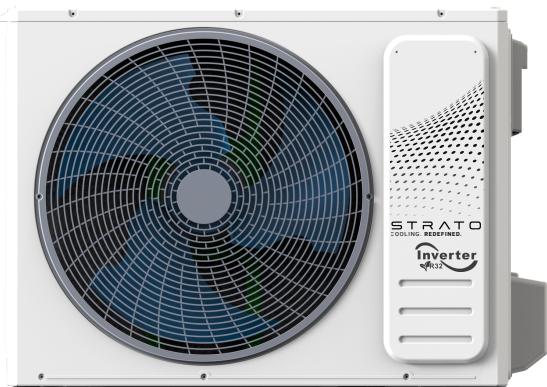


STRATO

COOLING. REDefined.

TECHNICAL CUT SHEET

R32 INVERTER CASSETTE



PERFORMANCE & DIMENSIONAL DATA

Specification	Unit	24,000	30,000	36,000	42,000	48,000
Cooling Capacity	W	7,000	8,800	10,000	12,000	14,000
Rated Input Power	W	2,750	3,250	3,800	4,600	5,300
Rated Input Current	A	12.5	14.8	17.3	TBC*	8.1
Power Supply	V / Ph / Hz	220-240 / 1 / 50	220-240 / 1 / 50	220-240 / 1 / 50	TBC*	380 / 3 / 50
Airflow	m ³ /h	1,200	1,200	1,800	2,000	2,100
Indoor / Outdoor Noise	dB(A)	45 / 51	45 / 53	49 / 56	49 / 56	50 / 60
Indoor Unit Dimensions	mm	840 × 840 × 240	840 × 840 × 240	840 × 840 × 240	840 × 840 × 240	840 × 840 × 240
Panel Dimensions	mm	950 × 950 × 65.5	950 × 950 × 65.5	950 × 950 × 65.5	950 × 950 × 65.5	950 × 950 × 65.5
Outdoor Unit Dimensions	mm	718 × 300 × 540	818 × 305 × 600	833 × 322 × 655	833 × 322 × 655	1010 × 375 × 995
Net Weight – Indoor / Outdoor	kg	24 / 24	24 / 30	22 / 38	30 / 37	21 / 62
Pipe Size – Liquid / Gas	in	1/4 / 1/2	1/4 / 5/8	1/4 / 5/8	1/4 / 5/8	3/8 / 5/8
Refrigerant Charge	g	700	900	1,300	1,300	1,850
Refrigerant	–	R32	R32	R32	R32	R32

CONTROL & FUNCTION FEATURES

Feature	Specification
Compressor Control	Inverter
Air Distribution	4-Way ceiling discharge
Coil Protection	Purple Fin protective coating
Indoor Chassis Size	840 × 840 × 240 mm
Decorative Panel Size	950 × 950 × 65.5 mm
Evaporator Fin Material	Hydrophilic aluminium foil
Max Discharge Pressure	4.2 MPa
Max Suction Pressure	1.2 MPa

PURPLE FIN – COIL PROTECTION

Parameter	Technical Reference
Coating Type	Hydrophilic / anti-corrosion coated aluminium fin
Typical Coating Thickness	2-4 µm
Hydrophilic Contact Angle	≤10° typical
Corrosion Test Method	ASTM B117 / ISO 9227 NSS
Salt Solution	5% NaCl
Test Chamber Temperature	35 ± 2°C
Salt Spray pH	6.5-7.2
Salt Fog Collection Rate	1.0-2.0 mL / 80 cm ² / h
Typical HVAC Pre-Coated Fin Benchmark	500-1,500 h salt-spray exposure
Fin Base Material	Aluminium fin stock
Typical Fin Thickness	0.08-0.20 mm