

Product data sheet

Specifications



ClimaSys standard cooling unit roof of enclosure - 1150W at 230 V

NSYCU1K2R

⚠ To be discontinued on: Dec 31, 2024

⚠ To be end-of-service on: Dec 31, 2026

⚠ To be discontinued

Main

Range	ClimaSys
Product Name	CU
Product Or Component Type	Cooling unit
Mounting Type	Roof of enclosure
Installation	Indoor roof
Product Destination	For enclosure
Mounting Mode	By screws
Supply Voltage	230 V AC at 50/60 Hz, 1 phase
Rated Power	1150 W
Cooling Power	1150 W 50/60 Hz L35-L35 900 W 50/60 Hz L35-L50

Complementary

Height	415 mm
Width	567 mm
Depth	401 mm
[In] Rated Current	3.2 A
Inrush Current	11 A
Power Consumption In W	550 W at 50/60 Hz, L35-L35 660 W at 50/60 Hz, L35-L50
Energy Efficiency Ratio	2.1
Control Type	Electronic controller
Temperature Setting Range	20...55 °C at 50 Hz 20...50 °C at 60 Hz
Ambient Air Temperature For Operation	20...46 °C inside the enclosure: 55 °C maximum: 20...55 °C at 50 Hz outside the enclosure: 20...50 °C at 60 Hz outside the enclosure:
Noise Level	65 dB conforming to EN/ISO 3746
Pressure	25 bar
Flow Rate	Internal circuit: 570 m3/h at 50/60 Hz External circuit: 1010 m3/h at 50/60 Hz
Net Weight	40 kg
Cooling Gas Type	R134a (0.63 kg)

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Type Of Filter	Optional external circuit filter
Protection Type	Thermal protection: T 6 A Short-circuit protection (magnetic):
Material	Steel
Colour	Grey (RAL 7035)

Environment

Product Certifications	CE
Directives	2004/108/EC - electromagnetic compatibility 2006/95/EC - low voltage directive 2006/42/EC - machinery
Standards	EN 60335-1 EN 378 EN 60335-2-40 EN 60204-1 EN/ISO 12100
Ip Degree Of Protection	IP34 conforming to IEC 60529 (on the external circuit) IP54 conforming to IEC 60529 (on the internal circuit)

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	40.1 cm
Package 1 Width	41.5 cm
Package 1 Length	56.7 cm
Package 1 Weight	40.0 kg
Unit Type Of Package 2	P12
Number Of Units In Package 2	2
Package 2 Height	60.0 cm
Package 2 Width	80.0 cm
Package 2 Length	120.0 cm
Package 2 Weight	106.0 kg

Sustainability

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Transparency RoHS/REACH

Well-being performance

✓ Reach Free Of Svhc

✓ Toxic Heavy Metal Free

✓ Mercury Free

✓ Rohs Exemption Information Yes

Certifications & Standards

Reach Regulation	REACH Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information