Product data sheet

Specifications

ClimaSys standard cooling unit roof of enclosure - 820W at 230 V

NSYCU800R

⚠ 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	820 W
Cooling Power	820 W 50/60 Hz L35-L35 680 W 50/60 Hz L35-L50

Complementary

Height	340 mm
Width	600 mm
Depth	340 mm
[In] Rated Current	2.9 A
Inrush Current	12 A
Power Consumption In W	510 W at 50/60 Hz, L35-L35 560 W at 50/60 Hz, L35-L50
Energy Efficiency Ratio	1.6
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: 860 m3/h at 50/60 Hz
Net Weight	23 kg
Cooling Gas Type	R134a (0.31 kg)

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 60335-2-40 EN 60335-1 EN 60204-1 EN/ISO 12100 EN 378
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	34.0 cm
Package 1 Width	34.0 cm
Package 1 Length	60.0 cm
Package 1 Weight	23.0 kg
Unit Type Of Package 2	P12
Number Of Units In Package 2	6
Package 2 Height	142.0 cm
Package 2 Width	80.0 cm
Package 2 Length	120.0 cm
Package 2 Weight	265.0 kg

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Guide to assess a product's sustainability ⟩

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