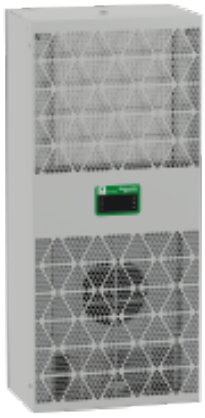
Product data sheet
Characteristics

NSYCU1KDG
Side Connected Cooling Unit, Climasys CU, 1kW, 230V, 50/60Hz, IP55



Main

Range	ClimaSys
Product name	CU
Mounting location	Side
Product or component type	Cooling unit
Type of installation	Indoor side
Product destination	For enclosure
Mounting mode	By screws
[Us] rated supply voltage	220...240 V 1 phase 50 Hz EN/IEC 230 V +/- 6 % 1 phase 60 Hz UL
Rated power in W	860 W
Cooling power	860 W 50/60 Hz L35-L35 710 W 50/60 Hz L35-L50

Complementary

Height	780 Mm
Width	345 Mm
Depth	215 Mm
[In] rated current	2.3 A
Inrush current	6 A
Power consumption in W	480 W at 50/60 Hz, L35-L35 540 W at 50/60 Hz, L35-L50
Energy efficiency ratio	2
Control type	Electronic controller
Temperature setting range	20…50 °C at 50/60 Hz
Ambient air temperature for operation	20…50 °C at 50/60 Hz inside the enclosure: 5…55 °C at 50/60 Hz outside the enclosure:
Noise level	76 DB
Pressure	30 Bar
Air flow	Internal circuit: 330 m3/h at 50/60 Hz External circuit: 450 m3/h at 50/60 Hz
Net weight	22.4 Kg
Cooling gas type	R513a (0.200 kg)
Type of ventilation filter	Optional external circuit filter
Incomer device	M9F23116
Protection type	15 A (T)
Material	Steel
Colour	Grey (RAL 7035)

Environment

Product certifications	UL[RETURN]IEC[RETURN]EN
Directives	2006/42/EC - machinery 2014/30/EU - electromagnetic compatibility 2011/65/EU - RoHS
Standards	EN/ISO 12100 EN 60335-1 EN 60335-2-40 EN 61000-3-2 EN 61000-3-3 EN 61000-6-2 EN 61000-6-3 EN/IEC 63000:2018 EN 14511
IP degree of protection	IP55 conforming to IEC 60529 (on the internal circuit) IP24 conforming to IEC 60529 (on the external circuit)

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	25.500 Cm
Package 1 Width	42.500 Cm
Package 1 Length	87.500 Cm
Package 1 Weight	24.400 Kg
Unit Type of Package 2	P12
Number of Units in Package 2	7
Package 2 Height	101.900 Cm
Package 2 Width	80.000 Cm
Package 2 Length	120.000 Cm
Package 2 Weight	195.800 Kg

Offer Sustainability

Recyclability potential, in %	89
Total lifecycle Carbon footprint	225 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	92.06130220645139
Carbon footprint of the manufacturing phase [A1 to A3]	92 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	2.3315040223446086
Carbon footprint of the distribution phase [A4]	2 kg CO2 eq.
Carbon footprint of the installation phase [A5]	3.5419562597733694
Carbon footprint of the installation phase [A5]	4 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	80.10569650569624
REACh free of SVHC	Yes
Carbon footprint of the use phase [B2, B3, B4, B6]	80 kg CO2 eq.
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	47.172341804565875
Carbon footprint of the end-of-life phase [C1 to C4]	47 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	225
F-gas free	Product containing F-gas
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
REACh Regulation	Free of Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant
California proposition 65	WARNING: This product can expose you to chemicals including: Nickel (Metallic), which is known
PVC free	Yes
Silicone-free	Yes

End of life manual availability	End Of Life Information
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection a

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised