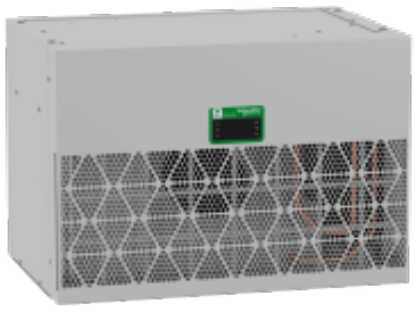
Product data sheet
Characteristics

NSYCU1K5RDG
Roof Connected Cooling Unit, Climasys CU, 1k5W, 230V, 50/60Hz, IP54



Main

Range	ClimaSys
Product name	CU
Mounting location	Roof of enclosure
Product or component type	Cooling unit
Type of installation	Indoor roof
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	1480 W
Cooling power	1480 W 50/60 Hz L35-L35 1140 W 50/60 Hz L35-L50

Complementary

Height	412 Mm
Width	595 Mm
Depth	395 Mm
[In] rated current	3.6 A
Inrush current	16 A
Power consumption in W	781 W at 50/60 Hz, L35-L35 885 W at 50/60 Hz, L35-L50
Energy efficiency ratio	1.9
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	74 DB
Pressure	32 Bar
Air flow	Internal circuit: 850 m3/h at 50/60 Hz External circuit: 850 m3/h at 50/60 Hz
Net weight	34.5 Kg
Cooling gas type	R513a (0.285 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	IP54 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	46.000 Cm
Package 1 Width	49.000 Cm
Package 1 Length	62.000 Cm
Package 1 Weight	38.000 Kg
Unit Type of Package 2	P12
Number of Units in Package 2	4
Package 2 Height	110.000 Cm
Package 2 Width	80.000 Cm
Package 2 Length	120.000 Cm
Package 2 Weight	168.000 Kg

Offer Sustainability

Recyclability potential, in %	89
Total lifecycle Carbon footprint	3 304 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	143.37415917398167
Carbon footprint of the manufacturing phase [A1 to A3]	143 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	3.631030854471111
Carbon footprint of the distribution phase [A4]	4 kg CO2 eq.
Carbon footprint of the installation phase [A5]	5.51616138817164
Carbon footprint of the installation phase [A5]	6 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	3078.264068016956
REACh free of SVHC	Yes
Carbon footprint of the use phase [B2, B3, B4, B6]	3 078 kg CO2 eq.
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	73.46512248252061
Carbon footprint of the end-of-life phase [C1 to C4]	73 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	3304
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
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 and

Contractual warranty

Warranty (in months)	18

Product Life Status :	Commercialised