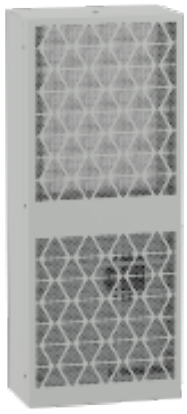
Product data sheet
Characteristics

NSYCUHD1K62P4DG
Outdoor Connected Cooling Unit, Climasys CU, 1600W, 2 Poles, 400/460V, 50/60Hz, IP55



Main

Range	ClimaSys
Product name	CU
Mounting location	Side
Product or component type	Cooling unit
Type of installation	Outdoor side
Product destination	For enclosure
Mounting mode	By screws
[Us] rated supply voltage	380...415 V 2 phases 50 Hz EN/IEC 400/460 V +/- 6 % 2 phases 60 Hz UL
Rated power in W	1630 W
Cooling power	1630 W 50/60 Hz L35-L35 1350 W 50/60 Hz L35-L50

Complementary

Height	1000 Mm
Width	405 Mm
Depth	225 Mm
[In] rated current	1.8 A
Inrush current	8.0 A
Power consumption in W	670 W at 50/60 Hz, L35-L35 770 W at 50/60 Hz, L35-L50
Energy efficiency ratio	2.4
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: -20…55 °C at 50/60 Hz outside the enclosure:
Noise level	75 DB
Pressure	30 Bar
Air flow	Internal circuit: 1000 m3/h at 50/60 Hz External circuit: 1000 m3/h at 50/60 Hz
Net weight	44.5 Kg
Cooling gas type	R513a (0.366 kg)
Type of ventilation filter	External circuit
Incomer device	M9F23216
Protection type	2 phases 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	103.000 Cm
Package 1 Width	27.500 Cm
Package 1 Length	43.500 Cm
Package 1 Weight	48.300 Kg
Unit Type of Package 2	P12
Number of Units in Package 2	3
Package 2 Height	117.400 Cm
Package 2 Width	80.000 Cm
Package 2 Length	120.000 Cm
Package 2 Weight	169.900 Kg

Offer Sustainability

Recyclability potential, in %	89
Total lifecycle Carbon footprint	3 399 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	182.23610231850827
Carbon footprint of the manufacturing phase [A1 to A3]	182 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	4.61523132291986
Carbon footprint of the distribution phase [A4]	5 kg CO2 eq.
Carbon footprint of the installation phase [A5]	7.011331448649743
Carbon footprint of the installation phase [A5]	7 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	3112.0791776074757
REACh free of SVHC	Yes
Carbon footprint of the use phase [B2, B3, B4, B6]	3 112 kg CO2 eq.
Sustainable packaging	Yes
Carbon footprint of the end-of-life phase [C1 to C4]	93.37803726067753
Carbon footprint of the end-of-life phase [C1 to C4]	93 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	3399
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
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