

Product datasheet

Specifications



Side Connected Cooling Unit, Climasys CU, Stainless Steel, 1k6W, 230V, 50/60Hz, IP55

NSYCUX1K6DG

EAN Code: 3606486055120

Main

Range	ClimaSys
Product name	CU
mounting type	Side
Product or component type	Cooling unit
Installation	Indoor side
Product destination	For enclosure
mounting mode	By screws
Supply Voltage	220...240 V 1 phase 50 Hz EN/IEC 230 V +/- 6 % 1 phase 60 Hz UL
Rated Power	1620 W
Cooling power	1620 W 50/60 Hz L35-L35 1340 W 50/60 Hz L35-L50

Complementary

Height	1000 mm
Width	405 mm
Depth	225 mm
[In] rated current	3.1 A
Inrush current	16.0 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: 5...55 °C at 50/60 Hz outside the enclosure:
Noise level	76 dB
Pressure	30 bar
Flow rate	Internal circuit: 1000 m3/h at 50/60 Hz External circuit: 1000 m3/h at 50/60 Hz
Product weight	39 kg
Cooling gas type	R513a (0.333 kg)
Type of filter	Optional external circuit filter
Recommended circuit breaker protection	M9F23116

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

Thermal protection Recommended (fuse)	15 A (T)
Material	Stainless steel
Colour	Stainless steel

Environment

Product certifications	UL IEC 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	42.800 kg
Unit Type of Package 2	P12
Number of Units in Package 2	6
Package 2 Height	117.400 cm
Package 2 Width	80.000 cm
Package 2 Length	120.000 cm
Package 2 Weight	281.800 kg

Contractual warranty

Warranty (in months)	18
----------------------	----

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

 Environmental footprint	
Total lifecycle Carbon footprint	3 349 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	161 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	4 kg CO2 eq.
Carbon footprint of the installation phase [A5]	6 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	3 094 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	83 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better

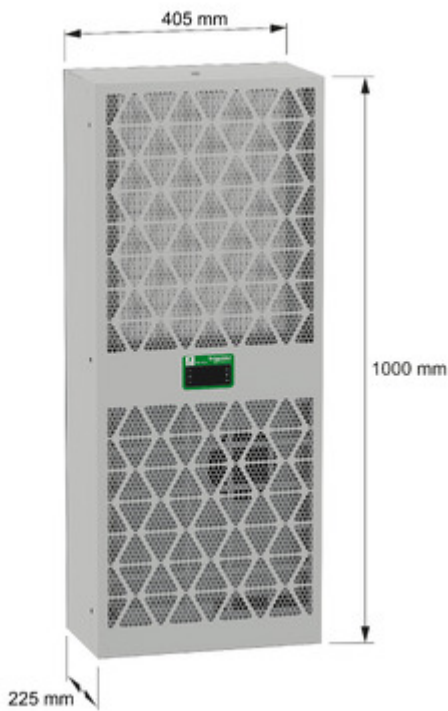
 Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant
REACH Regulation	Free of Substances of Very High Concern above the threshold

Use Again

 Repack and remanufacture	
Recyclability potential, in %	89
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 never end up in rubbish bins

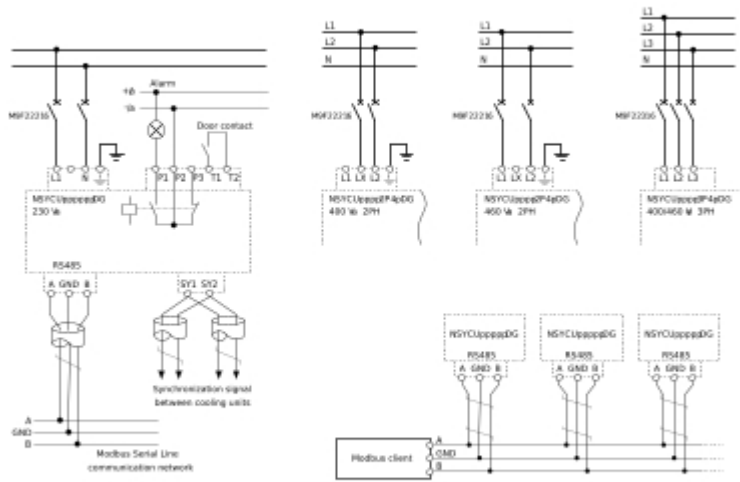
Technical Illustration

Dimensions



Technical Illustration

Wiring diagram



Offer Marketing Illustration

Product benefits / Features

The infographic features a central image of three Schneider Electric NSYCUX1K6DG cooling units in different sizes. Surrounding this central image are six circular icons, each with a corresponding text description of a product benefit or feature.

- Connected with alarming and setting data**: Represented by an icon of a speaker with sound waves.
- Easy selection with 40 references IEC & UL**: Represented by an icon of four checkboxes, all of which are checked.
- 3 redundant modes for critical application**: Represented by an icon of a network diagram with three parallel paths.
- Recycled packaging, good energy efficiency ratio**: Represented by an icon of a recycling symbol.
- 30% Smaller and lighter Cooling Units**: Represented by an icon of a square with a diagonal line and a smaller square inside.
- Easy mounting with 3 positions, easy spare parts replacement**: Represented by an icon of a clock with a checkmark inside.

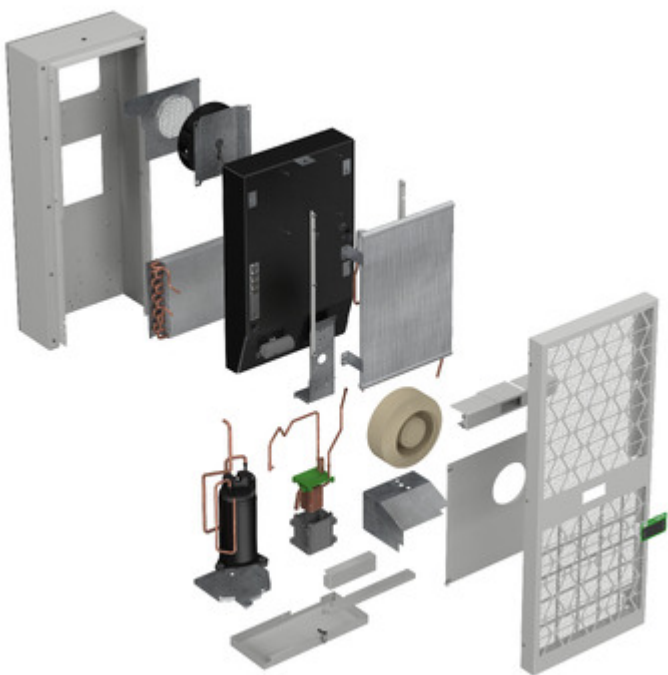
Offer Marketing Illustration

Energy Label



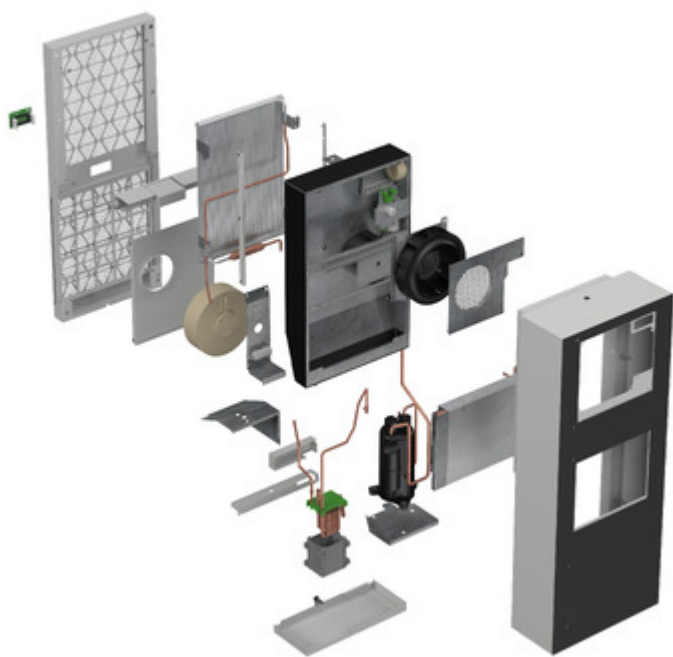
Technical Illustration

Exploded view



Technical Illustration

Exploded view



Technical Illustration

Exploded view

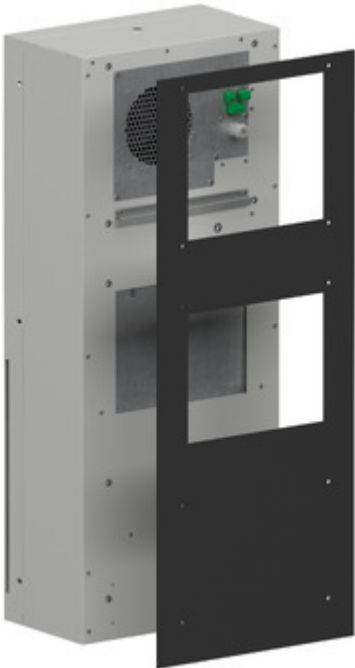


Image of product / Alternate images

Alternative



