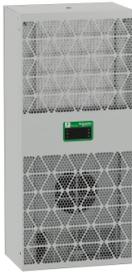# Product data sheet

Specifications

Side Connected Cooling Unit, Climasys CU, 1kW, 2 Poles, 400/460V, 50/60Hz, IP55

NSYCU1K2P4DG

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	380...415 V 2 phases 50 Hz EN/IEC 400/460 V +/- 6 % 2 phases 60 Hz UL
Rated Power	1000 W
Cooling power	1000 W 50/60 Hz L35-L35 870 W 50/60 Hz L35-L50

Complementary

Height	780 mm
Width	345 mm
Depth	215 mm
[In] rated current	2 A
Inrush current	4 A
Power consumption in W	480 W at 50/60 Hz, L35-L35 530 W at 50/60 Hz, L35-L50
Energy efficiency ratio	2.1
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	70 dB
Pressure	30 bar
Flow rate	Internal circuit: 550 m3/h at 50/60 Hz External circuit: 850 m3/h at 50/60 Hz
Net weight	27.4 kg
Cooling gas type	R134a (0.145 kg)
Type of filter	Optional external circuit filter

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Recommended circuit breaker protection	M9F23216
Thermal protection Recommended (fuse)	2 phases 15 A (T)
Material	Steel
Colour	Grey (RAL 7035)

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	87.500 cm
Package 1 Width	25.500 cm
Package 1 Length	42.500 cm
Package 1 Weight	29.400 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	230.800 kg

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	**1556**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

F-gas free	**Product containing F-gas**
Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**No**
EU RoHS Directive	**Compliant**
REACh Regulation	**REACh Declaration**

Use Again

Repack and remanufacture

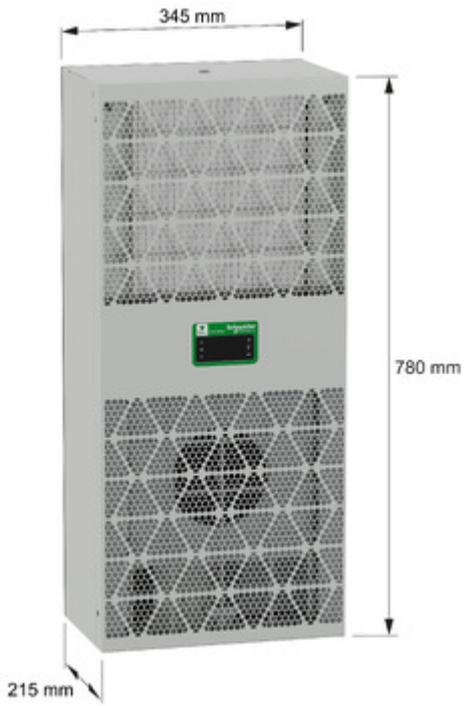|	
End of life manual availability	**End of Life Information**
Take-back	**No**
WEEE Label	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins**

Technical Illustration

Dimensions

345 mm

780 mm

215 mm

Offer Marketing Illustration

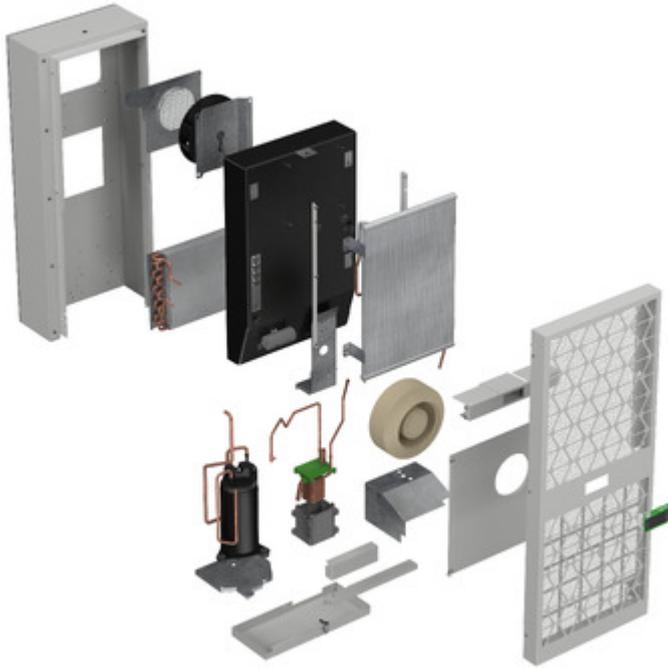**Energy Label**

Technical Illustration

Exploded view
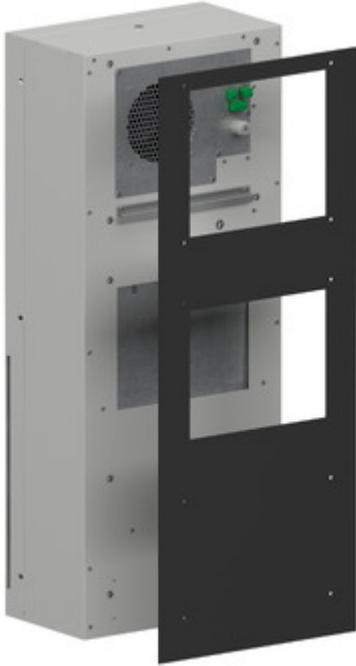
Technical Illustration

Exploded view

Technical Illustration

Exploded view

Image of product / Alternate images

Alternative