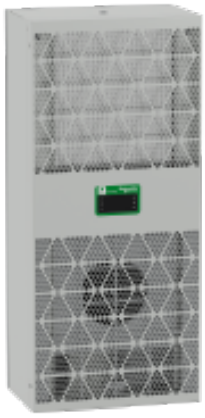
# Product data sheet
## Characteristics

# NSYCU800DG
## Side Connected Cooling Unit, Climasys CU, 800W, 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<br>230 V +/- 6 % 1 phase 60 Hz UL |
| Rated power in W | 810 W |
| Cooling power | 810 W 50/60 Hz L35-L35<br>560 W 50/60 Hz L35-L50 |

## Complementary

| | |
|---|---|
| Height | 780 Mm |
| Width | 345 Mm |
| Depth | 215 Mm |
| [In] rated current | 2.2 A |
| Inrush current | 6 A |
| Power consumption in W | 461 W at 50/60 Hz, L35-L35<br>509 W at 50/60 Hz, L35-L50 |
| Energy efficiency ratio | 1.8 |
| 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:<br>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<br>External circuit: 450 m3/h at 50/60 Hz |
| Net weight | 22.8 Kg |
| Cooling gas type | R513a (0.137 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<br>2014/30/EU - electromagnetic compatibility<br>2011/65/EU - RoHS |
| Standards | EN/ISO 12100<br>EN 60335-1<br>EN 60335-2-40<br>EN 61000-3-2<br>EN 61000-3-3<br>EN 61000-6-2<br>EN 61000-6-3<br>EN/IEC 63000:2018<br>EN 14511 |
| IP degree of protection | IP55 conforming to IEC 60529 (on the internal circuit)<br>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 | 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