



## Main

|                           |                                                   |
|---------------------------|---------------------------------------------------|
| Range                     | ClimaSys                                          |
| Product name              | CU                                                |
| Product or component type | Cooling unit                                      |
| Mounting type             | Side                                              |
| Installation              | Indoor side                                       |
| Product destination       | For enclosure                                     |
| Mounting mode             | By screws                                         |
| Supply Voltage            | 230 V AC at 50/60 Hz, 1 phase                     |
| Rated Power               | 1000 W                                            |
| Cooling power             | 1000 W 50/60 Hz L35-L35<br>800 W 50/60 Hz L35-L50 |

## Complementary

|                                       |                                                                                              |
|---------------------------------------|----------------------------------------------------------------------------------------------|
| Height                                | 780 mm                                                                                       |
| Width                                 | 345 mm                                                                                       |
| Depth                                 | 215 mm                                                                                       |
| [In] rated current                    | 3.0 A                                                                                        |
| Inrush current                        | 6 A                                                                                          |
| Power consumption in W                | 480 W at 50/60 Hz, L35-L35<br>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:<br>5...55 °C at 50/60 Hz outside the enclosure: |
| Noise level                           | 70 dB                                                                                        |
| Pressure                              | 28 bar                                                                                       |
| Flow rate                             | Internal circuit: 550 m3/h at 50/60 Hz<br>External circuit: 850 m3/h at 50/60 Hz             |
| Net weight                            | 22.4 kg                                                                                      |
| Cooling gas type                      | R134a (0.145 kg)                                                                             |
| Type of filter                        | Optional external circuit filter                                                             |
| Protection type                       | Circuit breaker protection: miniature circuit breaker (MCB)                                  |
| Protection type                       | Thermal protection: T 15 A<br>Short-circuit protection (magnetic):                           |
| Material                              | Stainless steel                                                                              |
| Colour                                | Stainless steel                                                                              |

## Environment

|                         |                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Product certifications  | UL[RETURN]IEC                                                                                                                                |
| 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             | 87.5 cm  |
| Package 1 Width              | 42.5 cm  |
| Package 1 Length             | 25.5 cm  |
| Package 1 Weight             | 24.4 kg  |
| Unit Type of Package 2       | PAL      |
| Number of Units in Package 2 | 3        |
| Package 2 Height             | 101.9 cm |
| Package 2 Width              | 120 cm   |
| Package 2 Length             | 80 cm    |
| Package 2 Weight             | 98.2 kg  |

## Offer Sustainability

|                            |                                                                                                                                   |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| REACH Regulation           |  <a href="#">REACH Declaration</a>             |
| REACH free of SVHC         | Yes                                                                                                                               |
| EU RoHS Directive          | Compliant  <a href="#">EU RoHS Declaration</a> |
| Mercury free               | Yes                                                                                                                               |
| China RoHS Regulation      |  <a href="#">China RoHS Declaration</a>        |
| RoHS exemption information |  <a href="#">Yes</a>                           |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins       |