# Product data sheet

Specifications



## ClimaSys forced vent. IP54, 80m3/h, 24V DC, with outlet grille and filter G2

NSYCVF85M24DPF

**Product availability: Stock - Normally stocked in distribution facility**

## Main

| | |
|---|---|
| **Range** | ClimaSys |
| **Product name** | ClimaSys CV |
| **Product or Component Type** | Fan |
| **Type of filter** | Standard |
| **Flow rate** | Free flow rate with standard filter: 21134.1 Gal/hr(US) (80 m3/h) |
| **[Us] rated supply voltage** | 10...27.6 V |
| **Input voltage** | 24 V DC |
| **Certification** | CSA |

## Complementary

| | |
|---|---|
| **Absorbed power** | 7.6 W |
| **Line Rated Current** | 0.3 A |
| **Noise level < at** | 46…49 dB |
| **Bearing type** | Ball |
| **Height** | External: 6.7 in (170 mm) |
| **Width** | External: 5.9 in (150 mm) |
| **Depth** | External : 2.4 in (62 mm) |
| **Cut-out dimensions** | 125 x 125 mm |
| **Product Weight** | 1.06 lb(US) (0.48 kg) |
| **Material** | Outlet grille injected thermoplastic (ASA PC) |
| **color** | Outlet grille Gray RAL 7035) |
| **Ambient Air Temperature for Operation** | 14…158 °F (-10…70 °C) |
| **Ambient Air Temperature for Storage** | -40…158 °F (-40…70 °C) |
| **Maximum pressure** | 50 Pa flow rate 0 m³/h |
| **Connections - Terminals** | Cable |
| **IP degree of protection** | IP54 |
| **Device composition** | 1 axial motor<br>2 protective grille on the front and rear surfaces<br>1 filter front of axial motor<br>1 outlet grille front<br>1 cut-out template<br>1 power cord |

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

| | |
|---|---|
| **Condition of use** | Overfrequent filter replacement should be avoided<br>Outside temperature must be 5 °C lower than inside temperature<br>Surrounding environment must be relatively clean<br>Filter must be cleaned and replaced regularly<br>Flow rates depends on the work point, see ProClima software |

## Ordering and shipping details

| | |
|---|---|
| **Category** | US10ES180036 |
| **Discount Schedule** | 0ES1 |
| **GTIN** | 3606480151224 |
| **Returnability** | Yes |
| **Country of origin** | CN |

## Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Nbr. of units in pkg.** | 1 |
| **Package 1 Height** | 3.150 in (8.000 cm) |
| **Package 1 Width** | 6.102 in (15.500 cm) |
| **Package 1 Length** | 6.890 in (17.500 cm) |
| **Package weight(Lbs)** | 19.048 oz (540.000 g) |
| **Unit Type of Package 2** | CAR |
| **Number of Units in Package 2** | 20 |
| **Package 2 Height** | 11.024 in (28.000 cm) |
| **Package 2 Width** | 15.748 in (40.000 cm) |
| **Package 2 Length** | 23.622 in (60.000 cm) |
| **Package 2 Weight** | 26.455 lb(US) (12.000 kg) |
| **Unit Type of Package 3** | P12 |
| **Number of Units in Package 3** | 160 |
| **Package 3 Height** | 26.378 in (67.000 cm) |
| **Package 3 Width** | 31.496 in (80.000 cm) |
| **Package 3 Length** | 47.244 in (120.000 cm) |
| **Package 3 Weight** | 244.713 lb(US) (111.000 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 | **487 kg CO2 eq.** |
| Carbon footprint of the manufacturing phase [A1 to A3] | **4 kg CO2 eq.** |
| Carbon footprint of the distribution phase [A4] | **1 kg CO2 eq.** |
| Carbon footprint of the installation phase [A5] | **0.1 kg CO2 eq.** |
| Carbon footprint of the use phase [B2, B3, B4, B6] | **482 kg CO2 eq.** |
| Carbon footprint of the end-of-life phase [C1 to C4] | **0.8 kg CO2 eq.** |
| Environmental Disclosure | **Product Environmental Profile** |

## Use Better

### Materials and Substances

| | |
|---|---|
| Packaging made with recycled cardboard | **No** |
| Packaging without single use plastic | **No** |
| SCIP Number | **61d9d3f3-5a49-48f8-8056-1a5ad0ad4c76** |
| EU RoHS Directive | **Compliant By Exemption** |
| REACh Regulation | **Reference contains Substances of Very High Concern above the threshold** |
| California proposition 65 | **WARNING: This product can expose you to chemicals including: Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov** |
| PVC free | **Yes** |
| Silicon free | **Yes** |

## Use Longer

### Lifetime extension

| | |
|---|---|
| Repair | **No** |

## Use Again

### Repack and remanufacture

| | |
|---|---|
| Recyclability potential, in % | **64** |
| Circularity Profile | **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. |