

**RFF 610 33/230V GY****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Similar to illustration**

Ideal for indoor use in tight spaces. Optimised air flow and temperature distribution, protection according to IP33 or IP54 and high UV resistance.

**General ordering data**

|            |                            |
|------------|----------------------------|
| Version    | Filter fan, IP33, grey     |
| Order No.  | <a href="#">2557820000</a> |
| Type       | RFF 610 33/230V GY         |
| GTIN (EAN) | 4050118568462              |
| Qty.       | 1 pc(s).                   |

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## Technical data

## Dimensions and weights

|            |         |                 |             |
|------------|---------|-----------------|-------------|
| Depth      | 152 mm  | Depth (inches)  | 5.984 inch  |
| Height     | 470 mm  | Height (inches) | 18.504 inch |
| Width      | 470 mm  | Width (inches)  | 18.504 inch |
| Net weight | 4,300 g |                 |             |

## Temperatures

|                             |             |
|-----------------------------|-------------|
| Operating temperature range | -15...55 °C |
|-----------------------------|-------------|

## General data

|                                    |                         |                         |  |
|------------------------------------|-------------------------|-------------------------|--|
| Colour                             | grey                    |                         |  |
| Current consumption                | Mains frequency         | 50 Hz                   |  |
|                                    | Current                 | 0.53 A                  |  |
|                                    | Mains frequency         | 60 Hz                   |  |
|                                    | Current                 | 0.72 A                  |  |
| EMC version                        | No                      |                         |  |
| Fan type                           | Roof fan                |                         |  |
| Fuse                               | 6 A                     |                         |  |
| Height of installation cut-outs    | 291 mm                  |                         |  |
| MTBF                               | 40,000 h                |                         |  |
| Mounting depth                     | 57 mm                   |                         |  |
| Mounting height                    | 95 mm                   |                         |  |
| Noise emission                     | 77 dB(A)                |                         |  |
| Operating temperature range        | -15...55 °C             |                         |  |
| Power                              | Mains frequency         | 50 Hz                   |  |
|                                    | nominal                 | 120 W                   |  |
|                                    | Mains frequency         | 60 Hz                   |  |
|                                    | nominal                 | 160 W                   |  |
| Rated voltage                      | 230 V AC $\pm$ 10%      |                         |  |
| Type of connection                 | Terminal strip          |                         |  |
| Type of mounting                   | Snap-on                 |                         |  |
| Volume flow with exhaust filter    | Mains frequency         | 50 Hz                   |  |
|                                    | Volume flow             | 582 m <sup>3</sup> /h   |  |
|                                    | Exhaust filter          | IP33                    |  |
|                                    | Mains frequency         | 60 Hz                   |  |
|                                    | Volume flow             | 582 m <sup>3</sup> /h   |  |
| Volume flow, free-blowing          | Exhaust filter          | IP33                    |  |
|                                    | Mains frequency         | 50 Hz                   |  |
|                                    | Volume flow             | 1,000 m <sup>3</sup> /h |  |
|                                    | Mains frequency         | 60 Hz                   |  |
| Volume flow, free-blowing at 50 Hz | Volume flow             | 1,000 m <sup>3</sup> /h |  |
|                                    | Volume flow             | 1,000 m <sup>3</sup> /h |  |
| Volume flow, free-blowing at 60 Hz | 1,000 m <sup>3</sup> /h |                         |  |
| Width of installation cut-outs     | 291 mm                  |                         |  |
| With filter                        | No                      |                         |  |

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## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000320    | ETIM 7.0    | EC000320    |
| ETIM 8.0    | EC000320    | ETIM 9.0    | EC000320    |
| ETIM 10.0   | EC000320    | ECLASS 9.1  | 27-18-07-16 |
| ECLASS 10.0 | 27-18-07-16 | ECLASS 11.0 | 27-18-07-16 |
| ECLASS 12.0 | 27-18-07-16 | ECLASS 13.0 | 27-18-07-16 |
| ECLASS 14.0 | 27-18-07-16 | ECLASS 15.0 | 27-18-07-16 |

## Environmental Product Compliance

|                        |                       |
|------------------------|-----------------------|
| RoHS Compliance Status | Compliant             |
| REACH SVHC             | No SVHC above 0.1 wt% |

## Approvals

Approvals



|                         |                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approvals MAMID         | <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/</a> |
| ROHS                    | Conform                                                                                                                                                                                                                                                                                                                                                 |
| UL File Number Search   | UL Website                                                                                                                                                                                                                                                                                                                                              |
| Certificate No. (cURus) | E252704                                                                                                                                                                                                                                                                                                                                                 |

## Downloads

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">EU Declaration of Conformity</a>             |
| User Documentation                          | <a href="#">Installation- and operating instructions</a> |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>                 |

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Roof-mounted exhaust filter**

The filter fans combine a safe and profitable cabinet cooling due to their low energy consumption by maximum air flow. The fluted filter mat of the IP 55 version extends the service life by up to 300% in comparison to conventional filter mats.

**General ordering data**

|            |                            |                         |
|------------|----------------------------|-------------------------|
| Type       | RFF-FIMT 607/610 54        | Version                 |
| Order No.  | <a href="#">2557790000</a> | Filter mat, IP54, white |
| GTIN (EAN) | 4050118568431              |                         |
| Qty.       | 20 pc(s).                  |                         |