

**FF 43 55/230V GY****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Similar to illustration**

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**

|            |                            |
|------------|----------------------------|
| Version    | Filter fan, IP55, grey     |
| Order No.  | <a href="#">2556840000</a> |
| Type       | FF 43 55/230V GY           |
| GTIN (EAN) | 4050118567465              |
| Qty.       | 1 pc(s).                   |

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## Technical data

## Dimensions and weights

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Depth      | 119 mm  | Depth (inches)  | 4.685 inch |
| Height     | 252 mm  | Height (inches) | 9.921 inch |
| Width      | 252 mm  | Width (inches)  | 9.921 inch |
| Net weight | 1,670 g |                 |            |

## Temperatures

|                             |             |
|-----------------------------|-------------|
| Operating temperature range | -40...55 °C |
|-----------------------------|-------------|

## General data

|                                    |                    |          |  |
|------------------------------------|--------------------|----------|--|
| Colour                             | grey               |          |  |
| Current consumption                | Mains frequency    | 50 Hz    |  |
|                                    | Current            | 0.32 A   |  |
|                                    | Mains frequency    | 60 Hz    |  |
|                                    | Current            | 0.26 A   |  |
| EMC version                        | No                 |          |  |
| Fan type                           | Roof fan           |          |  |
| Filter class                       | G 4                |          |  |
| Fuse                               | 6 A                |          |  |
| Height of installation cut-outs    | 223 mm             |          |  |
| MTBF                               | 40,000 h           |          |  |
| Mounting depth                     | 113 mm             |          |  |
| Mounting height                    | 6 mm               |          |  |
| Noise emission                     | 42 dB(A)           |          |  |
| Operating temperature range        | -40...55 °C        |          |  |
| Power                              | Mains frequency    | 50 Hz    |  |
|                                    | nominal            | 45 W     |  |
|                                    | Mains frequency    | 60 Hz    |  |
|                                    | nominal            | 39 W     |  |
| Protection class (UL)              | Type 12            |          |  |
| Rated AC voltage                   | 230 V              |          |  |
| Rated voltage                      | 230 V AC $\pm$ 10% |          |  |
| Size                               | 4                  |          |  |
| Type of connection                 | Spring contact     |          |  |
| Type of mounting                   | Snap-on            |          |  |
| UL 94 flammability rating          | V-0                |          |  |
| UV-resistant                       | Yes                |          |  |
| Volume flow with exhaust filter    | Mains frequency    | 50 Hz    |  |
|                                    | Volume flow        | 180 m³/h |  |
|                                    | Exhaust filter     | IP55     |  |
|                                    | Mains frequency    | 60 Hz    |  |
|                                    | Volume flow        | 207 m³/h |  |
|                                    | Exhaust filter     | IP55     |  |
| Volume flow, free-blowing          | Mains frequency    | 50 Hz    |  |
|                                    | Volume flow        | 233 m³/h |  |
|                                    | Mains frequency    | 60 Hz    |  |
|                                    | Volume flow        | 265 m³/h |  |
| Volume flow, free-blowing at 50 Hz | 233 m³/h           |          |  |
| Volume flow, free-blowing at 60 Hz | 265 m³/h           |          |  |
| Width of installation cut-outs     | 223 mm             |          |  |
| With filter                        | Yes                |          |  |
| With protective cover              | Yes                |          |  |

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|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000320    | ETIM 7.0    | EC000320    |
| ETIM 8.0    | EC000320    | ETIM 9.0    | 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 |             |             |

**Approvals**

Approvals



|                         |            |
|-------------------------|------------|
| 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>                 |

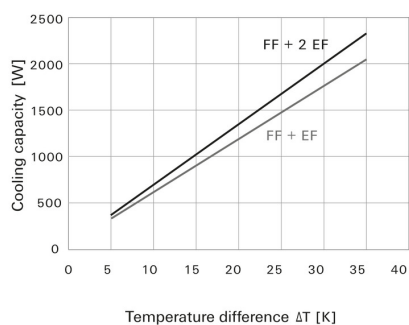
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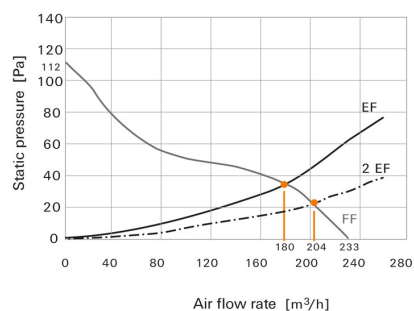
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# Drawings

## Graph



## Graph



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## Accessories

## Filter fan



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       | FF-FIMT 4X 55              | Version                 |
| Order No.  | <a href="#">2556800000</a> | Filter mat, IP55, white |
| GTIN (EAN) | 4050118567427              |                         |
| Qty.       | 5 pc(s).                   |                         |
| Type       | FF-FIMT 4X 54              | Version                 |
| Order No.  | <a href="#">2556790000</a> | Filter mat, IP54, white |
| GTIN (EAN) | 4050118567410              |                         |
| Qty.       | 5 pc(s).                   |                         |

## Exhaust filter



The fluted filter mat of the IP 55 version extends the service life by up to 300% in comparison to conventional filter mats. Thought out details as the functional flap cover enable a fast and tool-less change of the filter mats which saves time and money.

## General ordering data

|            |                            |                             |
|------------|----------------------------|-----------------------------|
| Type       | EF 40 54 BK                | Version                     |
| Order No.  | <a href="#">2557180000</a> | Exhaust filter, IP54, black |
| GTIN (EAN) | 4050118567816              |                             |
| Qty.       | 1 pc(s).                   |                             |
| Type       | EF 40 55 BK                | Version                     |
| Order No.  | <a href="#">2557200000</a> | Exhaust filter, IP55, black |
| GTIN (EAN) | 4050118567830              |                             |
| Qty.       | 1 pc(s).                   |                             |
| Type       | EF 40 55 GY                | Version                     |
| Order No.  | <a href="#">2557190000</a> | Exhaust filter, IP55, grey  |
| GTIN (EAN) | 4050118567823              |                             |
| Qty.       | 1 pc(s).                   |                             |
| Type       | EF 40 54 GY                | Version                     |
| Order No.  | <a href="#">2557170000</a> | Exhaust filter, IP54, grey  |
| GTIN (EAN) | 4050118567809              |                             |
| Qty.       | 1 pc(s).                   |                             |