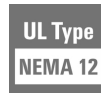


FF 42 55/230V GY**Weidmüller Interface GmbH & Co. KG**

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. | 2556770000 |
| Type | FF 42 55/230V GY |
| GTIN (EAN) | 4050118567397 |
| Qty. | 1 pc(s). |

FF 42 55/230V GY

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Technical data

Dimensions and weights

| | | | |
|------------|---------|-----------------|------------|
| Depth | 103 mm | Depth (inches) | 4.055 inch |
| Height | 252 mm | Height (inches) | 9.921 inch |
| Width | 252 mm | Width (inches) | 9.921 inch |
| Net weight | 1,180 g | | |

Temperatures

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

General data

| | | | |
|------------------------------------|--------------------|----------|--|
| Colour | grey | | |
| Current consumption | Mains frequency | 50 Hz | |
| | Current | 0.12 A | |
| | Mains frequency | 60 Hz | |
| | Current | 0.1 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 | 97 mm | | |
| Mounting height | 6 mm | | |
| Noise emission | 40 dB(A) | | |
| Operating temperature range | -40...55 °C | | |
| Power | Mains frequency | 50 Hz | |
| | nominal | 18 W | |
| | Mains frequency | 60 Hz | |
| | nominal | 17 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 | 109 m³/h | |
| | Exhaust filter | IP55 | |
| | Mains frequency | 60 Hz | |
| | Volume flow | 113 m³/h | |
| | Exhaust filter | IP55 | |
| Volume flow, free-blowing | Mains frequency | 50 Hz | |
| | Volume flow | 145 m³/h | |
| | Mains frequency | 60 Hz | |
| | Volume flow | 160 m³/h | |
| Volume flow, free-blowing at 50 Hz | 145 m³/h | | |
| Volume flow, free-blowing at 60 Hz | 160 m³/h | | |
| Width of installation cut-outs | 223 mm | | |
| With filter | Yes | | |
| With protective cover | Yes | | |

Creation date May 4, 2024 9:19:05 AM CEST

FF 42 55/230V GY

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Germany

www.weidmueller.com

Technical data

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| 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 | EU Declaration of Conformity |
| User Documentation | Installation- and operating instructions |
| Catalogues | Catalogues in PDF-format |

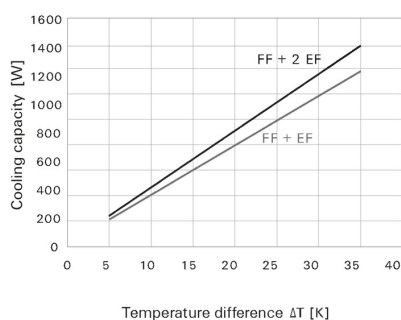
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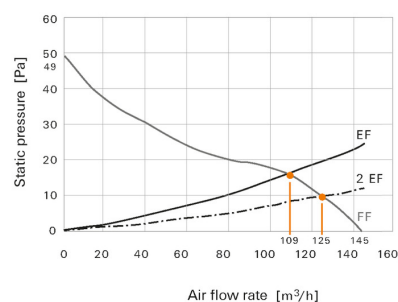
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Drawings

Graph



Graph



FF 42 55/230V GY

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Accessories

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 55 GY | Version |
| Order No. | 2557190000 | Exhaust filter, IP55, grey |
| GTIN (EAN) | 4050118567823 | |
| Qty. | 1 pc(s). | |
| Type | EF 40 55 BK | Version |
| Order No. | 2557200000 | Exhaust filter, IP55, black |
| GTIN (EAN) | 4050118567830 | |
| Qty. | 1 pc(s). | |
| Type | EF 40 54 GY | Version |
| Order No. | 2557170000 | Exhaust filter, IP54, grey |
| GTIN (EAN) | 4050118567809 | |
| Qty. | 1 pc(s). | |
| Type | EF 40 54 BK | Version |
| Order No. | 2557180000 | Exhaust filter, IP54, black |
| GTIN (EAN) | 4050118567816 | |
| Qty. | 1 pc(s). | |

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. | 2556800000 | Filter mat, IP55, white |
| GTIN (EAN) | 4050118567427 | |
| Qty. | 5 pc(s). | |
| Type | FF-FIMT 4X 54 | Version |
| Order No. | 2556790000 | Filter mat, IP54, white |
| GTIN (EAN) | 4050118567410 | |
| Qty. | 5 pc(s). | |