

**FF-EMC 43 54/230V GY****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

Fon: +49 5231 14-0

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www.weidmueller.com



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-EMC 43 54/230V GY
Order No.	<a href="#">2557390000</a>
Version	Filter fan, IP54, grey
GTIN (EAN)	4050118568028
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

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

## General data

Colour	grey		
Current consumption	Mains frequency	50 Hz	
	Current	0.32 A	
	Mains frequency	60 Hz	
	Current	0.26 A	
EMC version	EN 6 1000-3-2,-3, EN 6 1000-6-2, 3		
Filter class	G 4		
Fuse	6 A		
Height of installation cut-outs	224 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 voltage (text)	230 V AC $\pm$ 10%		
Size	4		
Type of connection	Spring contact		
Type of mounting	Snap-on		
UL 94 flammability rating	V-0		
Volume flow with exhaust filter	Mains frequency	50 Hz	
	Volume flow	231 m <sup>3</sup> /h	
	Exhaust filter	IP54	
	Mains frequency	60 Hz	
	Volume flow	265 m <sup>3</sup> /h	
Volume flow, free-blowing	Mains frequency	50 Hz	
	Volume flow	256 m <sup>3</sup> /h	
	Mains frequency	60 Hz	
	Volume flow	292 m <sup>3</sup> /h	
	Width of installation cut-outs	224 mm	
With filter	Yes		

## Classifications

ETIM 6.0	EC000320	ETIM 7.0	EC000320
eClass 9.1	27-18-07-16	eClass 10.0	27-18-07-16

## Approvals

ROHS	Conform
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**Technical data****Downloads**

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Approval/Certificate/Document of Conformity	<a href="#">EU Declaration of Conformity</a>
Engineering Data	<a href="#">STEP</a>
User Documentation	<a href="#">Installation- and operating instructions</a>

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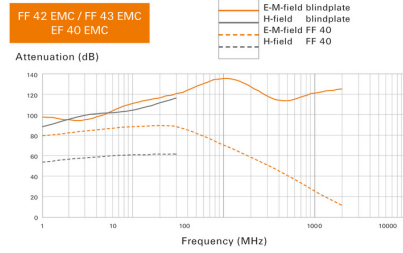
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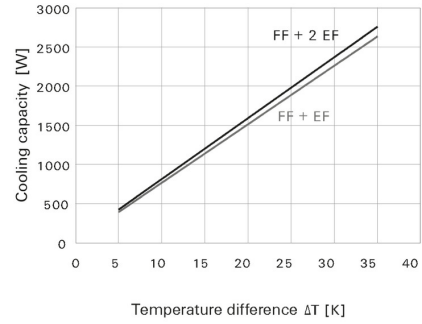
**Drawings**

**Graph**

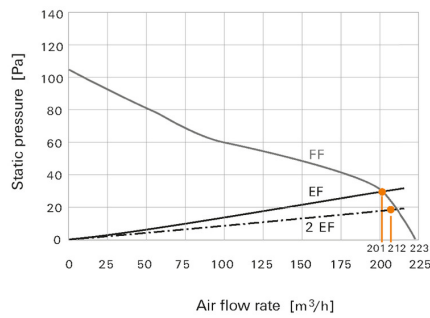
**Shielding effectiveness measurements**



**Graph**



**Graph**



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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-EMC 40 55 BK	Version
Order No.	<a href="#">2557680000</a>	Exhaust filter, IP55, black
GTIN (EAN)	4050118568325	
Qty.	1 pc(s).	
Type	EF-EMC 40 54 BK	Version
Order No.	<a href="#">2557660000</a>	Exhaust filter, IP54, black
GTIN (EAN)	4050118568301	
Qty.	1 pc(s).	
Type	EF-EMC 40 54 GY	Version
Order No.	<a href="#">2557650000</a>	Exhaust filter, IP54, grey
GTIN (EAN)	4050118568295	
Qty.	1 pc(s).	
Type	EF-EMC 40 55 GY	Version
Order No.	<a href="#">2557670000</a>	Exhaust filter, IP55, grey
GTIN (EAN)	4050118568318	
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 54	Version
Order No.	<a href="#">2556790000</a>	Filter mat, IP54, white
GTIN (EAN)	4050118567410	
Qty.	5 pc(s).	
Type	FF-FIMT 4X 55	Version
Order No.	<a href="#">2556800000</a>	Filter mat, IP55, white
GTIN (EAN)	4050118567427	
Qty.	5 pc(s).	