FF-EMC 22 54/230V GY

Weidmüller Interface GmbH & Co. KG
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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 22 54/230V GY
Order No.	2557270000
Version	Filter fan, IP54, grey
GTIN (EAN)	4050118567908
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Width	145 mm	Width (inches)	5.709 inch
Height	145 mm	Height (inches)	5.709 inch
Depth	75 mm	Depth (inches)	2.953 inch
Net weight	760 g		

General data

Colour	grey	
Current consumption	Mains frequency	50 Hz
	Current	0.12 A
	Mains frequency	60 Hz
	Current	0.18 A
EMC version	EN 61000-3-2,-3, EN 61000-6-2, 3	
Filter class	G 4	
Fuse	6 A	
Height of installation cut-outs	126.5 mm	
MTBF	37,500 h	
Mounting depth	70 mm	
Mounting height	5 mm	
Noise emission	44 dB (A)	
Operating temperature range	-40...55 °C	
Power	Mains frequency	50 Hz
	nominal	19 W
	Mains frequency	60 Hz
	nominal	18 W
Protection class (UL)	Type 12	
Rated voltage (text)	230 V AC ± 10%	
Size	2	
Type of connection	Terminal strip	
Type of mounting	Snap-on	
UL 94 flammability rating	V-0	
Volume flow with exhaust filter	Mains frequency	50 Hz
	Volume flow	44 m³/h
	Exhaust filter	IP54
	Mains frequency	60 Hz
	Volume flow	52 m³/h
	Exhaust filter	IP54
Volume flow, free-blowing	Mains frequency	50 Hz
	Volume flow	61 m³/h
	Mains frequency	60 Hz
	Volume flow	70 m³/h
Width of installation cut-outs	126.5 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

Approval/Certificate/Document of Conformity	EU Declaration of Conformity
Engineering Data	STEP
User Documentation	Installation- and operating instructions

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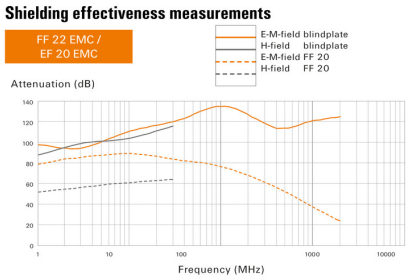
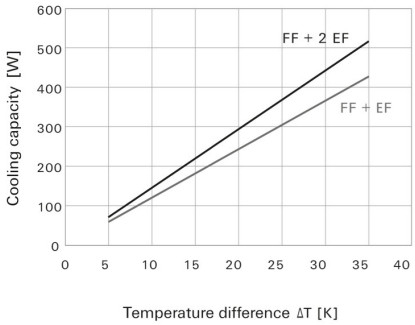
Drawings

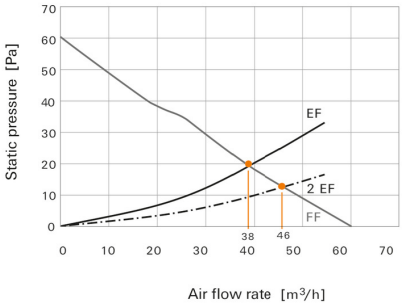
Graph



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 20 54 GY	Version
Order No.	2557570000	Exhaust filter, IP54, grey
GTIN (EAN)	4050118568219	
Qty.	1 pc(s).	
Type	EF-EMC 20 54 BK	Version
Order No.	2557580000	Exhaust filter, IP54, black
GTIN (EAN)	4050118568226	
Qty.	1 pc(s).	
Type	EF-EMC 20 55 BK	Version
Order No.	2557600000	Exhaust filter, IP55, black
GTIN (EAN)	4050118568240	
Qty.	1 pc(s).	
Type	EF-EMC 20 55 GY	Version
Order No.	2557590000	Exhaust filter, IP55, grey
GTIN (EAN)	4050118568233	
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 2X 54	Version
Order No.	2556660000	Filter mat, IP54, white
GTIN (EAN)	4050118567281	
Qty.	5 pc(s).	
Type	FF-FIMT 2X 55	Version
Order No.	2556670000	Filter mat, IP55, white
GTIN (EAN)	4050118567298	
Qty.	5 pc(s).	