

FF 22 54/230V BK**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

Version	Filter fan, IP54, black
Order No.	2556630000
Type	FF 22 54/230V BK
GTIN (EAN)	4050118567250
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	75 mm	Depth (inches)	2.953 inch
Height	145 mm	Height (inches)	5.709 inch
Width	145 mm	Width (inches)	5.709 inch
Net weight	700 g		

Temperatures

Operating temperature range	-40...55 °C
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General data

Colour	black		
Current consumption	Mains frequency	50 Hz	
	Current	0.12 A	
	Mains frequency	60 Hz	
	Current	0.18 A	
EMC version	No		
Fan type	Roof fan		
Filter class	G 4		
Fuse	6 A		
Height of installation cut-outs	125 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 AC voltage	230 V		
Rated voltage	230 V AC \pm 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 m ³ /h	
	Exhaust filter	IP54	
	Mains frequency	60 Hz	
	Volume flow	50 m ³ /h	
	Exhaust filter	IP54	
Volume flow, free-blowing	Mains frequency	50 Hz	
	Volume flow	61 m ³ /h	
	Mains frequency	60 Hz	
	Volume flow	67 m ³ /h	
Volume flow, free-blowing at 50 Hz	61 m ³ /h		
Volume flow, free-blowing at 60 Hz	67 m ³ /h		
Width of installation cut-outs	125 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	EU Declaration of Conformity
Engineering Data	CAD data – STEP
User Documentation	Installation- and operating instructions
Catalogues	Catalogues in PDF-format

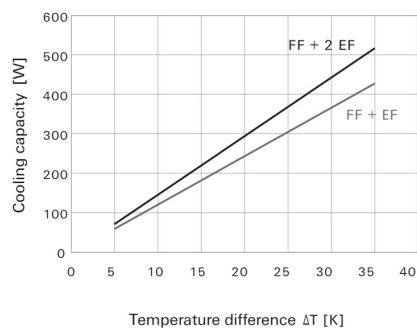
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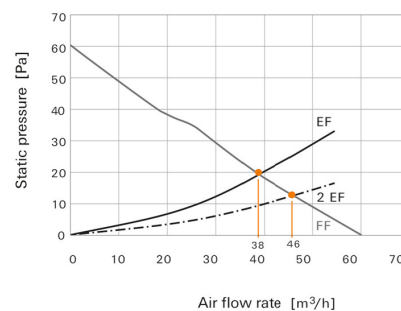
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Drawings

Graph



Graph



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Accessories

Filter fan



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General ordering data

Type	FF-FIMT 2X 55	Version
Order No.	2556670000	Filter mat, IP55, white
GTIN (EAN)	4050118567298	
Qty.	5 pc(s).	
Type	FF-FIMT 2X 54	Version
Order No.	2556660000	Filter mat, IP54, white
GTIN (EAN)	4050118567281	
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 20 55 BK	Version
Order No.	2557120000	Exhaust filter, IP55, black
GTIN (EAN)	4050118567755	
Qty.	1 pc(s).	
Type	EF 20 54 BK	Version
Order No.	2557100000	Exhaust filter, IP54, black
GTIN (EAN)	4050118567731	
Qty.	1 pc(s).	
Type	EF 20 55 GY	Version
Order No.	2557110000	Exhaust filter, IP55, grey
GTIN (EAN)	4050118567748	
Qty.	1 pc(s).	
Type	EF 20 54 GY	Version
Order No.	2557090000	Exhaust filter, IP54, grey
GTIN (EAN)	4050118567724	
Qty.	1 pc(s).	