

FF 32 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.	2556690000
Type	FF 32 54/230V BK
GTIN (EAN)	4050118567311
Qty.	1 pc(s).
Delivery status	This article will no longer be available in the future.
Available until	2025-12-31

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Technical data

Dimensions and weights

Depth	93 mm	Depth (inches)	3.661 inch
Height	202 mm	Height (inches)	7.953 inch
Width	202 mm	Width (inches)	7.953 inch
Net weight	360 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	177 mm		
MTBF	37,500 h		
Mounting depth	87 mm		
Mounting height	6 mm		
Noise emission	40 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	3		
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	73 m ³ /h	
	Exhaust filter	IP54	
	Mains frequency	60 Hz	
	Volume flow	80 m ³ /h	
	Exhaust filter	IP54	
Volume flow, free-blowing	Mains frequency	50 Hz	
	Volume flow	98 m ³ /h	
	Mains frequency	60 Hz	
	Volume flow	108 m ³ /h	
Volume flow, free-blowing at 50 Hz	98 m ³ /h		
Volume flow, free-blowing at 60 Hz	108 m ³ /h		
Width of installation cut-outs	177 mm		
With filter	Yes		
With protective cover	Yes		

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Classifications

ETIM 6.0	EC000320	ETIM 7.0	EC000320
ETIM 8.0	EC000320	ETIM 9.0	EC000320
ETIM 10.0	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
ECLASS 14.0	27-18-07-16	ECLASS 15.0	27-18-07-16

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/
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

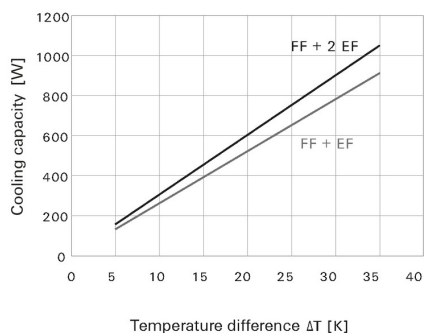
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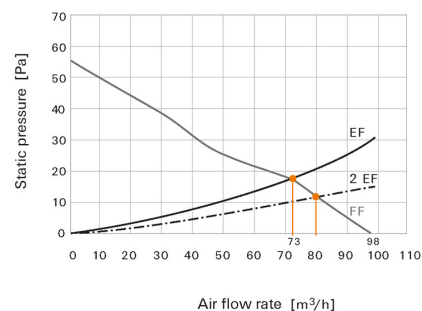
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Drawings

Graph



Graph



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Accessories

Filter fan



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General ordering data

Type	FF-FIMT 3X 54	Version
Order No.	2556720000	Filter mat, IP54, white
GTIN (EAN)	4050118567342	
Qty.	5 pc(s).	
Type	FF-FIMT 3X 55	Version
Order No.	2556730000	Filter mat, IP55, white
GTIN (EAN)	4050118567359	
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 30 54 BK	Version
Order No.	2557140000	Exhaust filter, IP54, black
GTIN (EAN)	4050118567779	
Qty.	1 pc(s).	
Type	EF 30 55 GY	Version
Order No.	2557150000	Exhaust filter, IP55, grey
GTIN (EAN)	4050118567786	
Qty.	1 pc(s).	
Type	EF 30 54 GY	Version
Order No.	2557130000	Exhaust filter, IP54, grey
GTIN (EAN)	4050118567762	
Qty.	1 pc(s).	
Type	EF 30 55 BK	Version
Order No.	2557160000	Exhaust filter, IP55, black
GTIN (EAN)	4050118567793	
Qty.	1 pc(s).	