

FF 66 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.	2556920000
Type	FF 66 54/230V BK
GTIN (EAN)	4050118567540
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	157 mm	Depth (inches)	6.181 inch
Height	320 mm	Height (inches)	12.598 inch
Width	320 mm	Width (inches)	12.598 inch
Net weight	3,200 g		

Temperatures

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

Colour	black		
Current consumption	Mains frequency	50 Hz	
	Current	0.53 A	
	Mains frequency	60 Hz	
	Current	0.72 A	
EMC version	No		
Fan type	Roof fan		
Filter class	G 3		
Fuse	6 A		
Height of installation cut-outs	291 mm		
MTBF	40,000 h		
Mounting depth	150 mm		
Mounting height	7 mm		
Noise emission	63 dB(A)		
Operating temperature range	-40...55 °C		
Power	Mains frequency	50 Hz	
	nominal	120 W	
	Mains frequency	60 Hz	
	nominal	160 W	
Protection class (UL)	Type 12		
Rated AC voltage	230 V		
Rated voltage	230 V AC $\pm$ 10%		
Size	6		
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	445 m³/h	
	Exhaust filter	IP54	
	Mains frequency	60 Hz	
	Volume flow	445 m³/h	
	Exhaust filter	IP54	
Volume flow, free-blowing	Mains frequency	50 Hz	
	Volume flow	640 m³/h	
	Mains frequency	60 Hz	
	Volume flow	653 m³/h	
Volume flow, free-blowing at 50 Hz	640 m³/h		
Volume flow, free-blowing at 60 Hz	653 m³/h		
Width of installation cut-outs	291 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

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

Environmental Product Compliance

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

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](#)

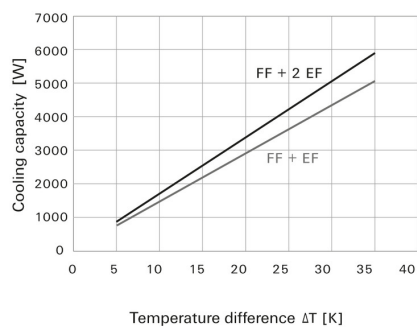
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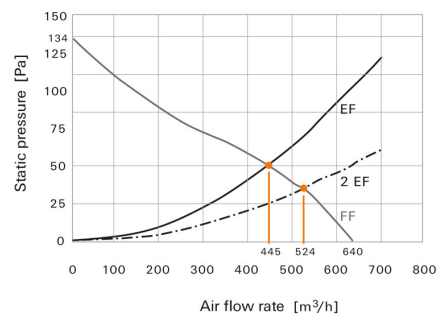
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Drawings

Graph



Graph



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Accessories

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 60 55 GY	Version
Order No.	2557230000	Exhaust filter, IP55, grey
GTIN (EAN)	4050118567861	
Qty.	1 pc(s).	
Type	EF 60 54 GY	Version
Order No.	2557210000	Exhaust filter, IP54, grey
GTIN (EAN)	4050118567847	
Qty.	1 pc(s).	
Type	EF 60 54 BK	Version
Order No.	2557220000	Exhaust filter, IP54, black
GTIN (EAN)	4050118567854	
Qty.	1 pc(s).	
Type	EF 60 55 BK	Version
Order No.	2557240000	Exhaust filter, IP55, black
GTIN (EAN)	4050118567878	
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 6X 55	Version
Order No.	2557050000	Filter mat, IP55, white
GTIN (EAN)	4050118567687	
Qty.	5 pc(s).	
Type	FF-FIMT 6X 54	Version
Order No.	2567310000	Filter mat, IP54, white
GTIN (EAN)	4050118576955	
Qty.	5 pc(s).	