

FF 42 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.	2556760000
Type	FF 42 54/230V BK
GTIN (EAN)	4050118567380
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	103 mm	Depth (inches)	4.055 inch
Height	252 mm	Height (inches)	9.921 inch
Net weight	1,180 g	Width	252 mm
Width (inches)	9.921 inch		

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	0.1 A
EMC version	No	
Filter class	G 4	
Fuse	6 A	
Height of installation cut-outs	223 mm	
MTBF	40,000 h	
Mounting depth	97 mm	
Mounting height	6 mm	
Noise emission	40 dB (A)	
Operating temperature range	-40...55 °C	
Power	Mains frequency	50 Hz
	nominal	18 W
	Mains frequency	60 Hz
	nominal	17 W
Protection class (UL)	Type 12	
Rated voltage (text)	230 V AC ± 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	93 m³/h
	Exhaust filter	IP54
	Mains frequency	60 Hz
	Volume flow	102 m³/h
	Exhaust filter	IP54
Volume flow, free-blowing	Mains frequency	50 Hz
	Volume flow	125 m³/h
	Mains frequency	60 Hz
	Volume flow	138 m³/h
Volume flow, free-blowing at 50 Hz	125 m³/h	
Volume flow, free-blowing at 60 Hz	138 m³/h	
Width of installation cut-outs	223 mm	
With filter	Yes	

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ETIM 6.0	EC000320	ETIM 7.0	EC000320
ECLASS 9.1	27-18-07-16	ECLASS 10.0	27-18-07-16
ECLASS 11.0	27-18-07-16		

Approvals

Approvals



ROHS	Conform
UL File Number Search	E252704

Downloads

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

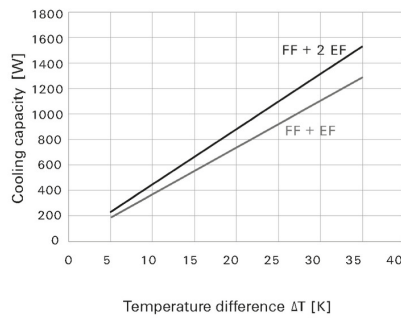
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Drawings

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Graph

