

FF 43 55/230V BK**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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www.weidmueller.com

Similar to illustration

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 43 55/230V BK
Order No.	2556850000
Version	Filter fan, IP55, black
GTIN (EAN)	4050118567472
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Width	252 mm	Width (inches)	9.921 inch
Height	252 mm	Height (inches)	9.921 inch
Depth	119 mm	Depth (inches)	4.685 inch
Net weight	1,670 g		

General data

Colour	black		
Current consumption	Mains frequency	50 Hz	
	Current	0.32 A	
	Mains frequency	60 Hz	
	Current	0.26 A	
EMC version	No		
Filter class	G 4		
Fuse	6 A		
Height of installation cut-outs	223 mm		
MTBF	40,000 h		
Mounting depth	113 mm		
Mounting height	6 mm		
Noise emission	42 dB (A)		
Operating temperature range	-40...55 °C		
Power	Mains frequency	50 Hz	
	nominal	45 W	
	Mains frequency	60 Hz	
	nominal	39 W	
Protection class (UL)	Type 12		
Rated voltage (text)	230 V AC \pm 10%		
Size	4		
Type of connection	Spring contact		
Type of mounting	Snap-on		
UL 94 flammability rating	V-0		
UV-resistant	Yes		
Volume flow with exhaust filter	Mains frequency	50 Hz	
	Volume flow	180 m ³ /h	
	Exhaust filter	IP55	
	Mains frequency	60 Hz	
	Volume flow	207 m ³ /h	
Volume flow, free-blowing	Exhaust filter	IP55	
	Mains frequency	50 Hz	
	Volume flow	233 m ³ /h	
	Mains frequency	60 Hz	
Volume flow	265 m ³ /h		
Width of installation cut-outs	223 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

Data sheet**FF 43 55/230V BK****Weidmüller Interface GmbH & Co. KG**
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Approvals



ROHS

Conform

DownloadsApproval/Certificate/Document of
Conformity[EU Declaration of Conformity](#)

Engineering Data

[STEP](#)

User Documentation

[Installation- and operating instructions](#)

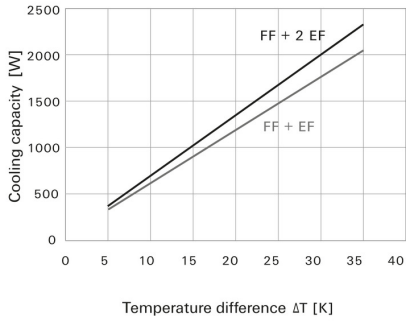
Data sheet

FF 43 55/230V BK

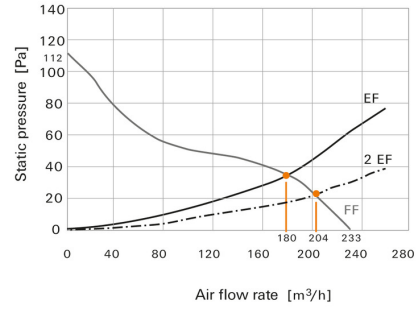
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Drawings

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 40 54 GY	Version
Order No.	2557170000	Exhaust filter, IP54, grey
GTIN (EAN)	4050118567809	
Qty.	1 pc(s).	
Type	EF 40 55 BK	Version
Order No.	2557200000	Exhaust filter, IP55, black
GTIN (EAN)	4050118567830	
Qty.	1 pc(s).	
Type	EF 40 54 BK	Version
Order No.	2557180000	Exhaust filter, IP54, black
GTIN (EAN)	4050118567816	
Qty.	1 pc(s).	
Type	EF 40 55 GY	Version
Order No.	2557190000	Exhaust filter, IP55, grey
GTIN (EAN)	4050118567823	
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 4X 54	Version
Order No.	2556790000	Filter mat, IP54, white
GTIN (EAN)	4050118567410	
Qty.	5 pc(s).	
Type	FF-FIMT 4X 55	Version
Order No.	2556800000	Filter mat, IP55, white
GTIN (EAN)	4050118567427	
Qty.	5 pc(s).	