

FF 43 54/230V BK**Weidmüller Interface GmbH & Co. KG**Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

UL Type
NEMA 12

IP54

Made in
Germany

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.	2556830000
Type	FF 43 54/230V BK
GTIN (EAN)	4050118567458
Qty.	1 items
Delivery status	This article will no longer be available in the future.
Available until	2025-12-31T00:00:00+01:00

Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E252704

Dimensions and weights

Depth	119 mm	Depth (inches)	4.685 inch
Height	252 mm	Height (inches)	9.9212 inch
Width	252 mm	Width (inches)	9.9212 inch
Net weight	1250 g		

Temperatures

Operating temperature range -40...55 °C

Environmental Product Compliance

RoHS Compliance Status Compliant without exemption

REACH SVHC No SVHC above 0.1 wt%

General data

Fuse protection	6 A	
Type of connection	Spring contact	
Installation size	4	
UL 94 flammability rating	V-0	
Colour	black	
Type of mounting	Snap-on	
Rated voltage	230 V AC ± 10%	
EMC version	No	
With filter	Yes	
Power	Mains frequency	50 Hz
	nominal	45 W
	Mains frequency	60 Hz
	nominal	39 W
Width of installation cut-outs	223 mm	
Mounting height	6 mm	
Height of installation cut-outs	223 mm	
Filter class	G 4	
Fan type	Roof fan	
With protective cover	Yes	
Mounting depth	113 mm	
Protection class (UL)	Type 12	
Volume flow, free-blowing	Mains frequency	50 Hz
	Volume flow	223.00 m³/h
	Mains frequency	60 Hz
	Volume flow	247.00 m³/h
Volume flow with exhaust filter	Mains frequency	50 Hz
	Volume flow	201.00 m³/h
	Exhaust filter	IP54
	Mains frequency	60 Hz

Technical data

	Volume flow	223.00 m³/h
	Exhaust filter	IP54
MTBF	40000 h	
Rated AC voltage	230 V	
Operating temperature range	-40...55 °C	
Volume flow, free-blowing at 50 Hz	223.00 m³/h	
Noise emission	42 dB(A)	
Current consumption	Mains frequency	50 Hz
	Current	0.32 A
	Mains frequency	60 Hz
	Current	0.26 A
Volume flow, free-blowing at 60 Hz	247.00 m³/h	

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

Drawings

Graph



Graph



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Accessories

Filter fan



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General ordering data

Type	FF-FIMT 4X 54	Version
Order No.	2556790000	Filter mat, IP54, white
GTIN (EAN)	4050118567410	
Qty.	5 ST	
Type	FF-FIMT 4X 55	Version
Order No.	2556800000	Filter mat, IP55, white
GTIN (EAN)	4050118567427	
Qty.	5 ST	

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 BK	Version
Order No.	2557180000	Exhaust filter, IP54, black
GTIN (EAN)	4050118567816	
Qty.	1 ST	
Type	EF 40 54 GY	Version
Order No.	2557170000	Exhaust filter, IP54, grey
GTIN (EAN)	4050118567809	
Qty.	1 ST	
Type	EF 40 55 BK	Version
Order No.	2557200000	Exhaust filter, IP55, black
GTIN (EAN)	4050118567830	
Qty.	1 ST	
Type	EF 40 55 GY	Version
Order No.	2557190000	Exhaust filter, IP55, grey
GTIN (EAN)	4050118567823	
Qty.	1 ST	