

EMC FILTER FANS, EFE



This EMC vertical filter fan, EFE, with a IP 54 protection degree, is easy to install thanks to its click-in feature. Unnecessary downtime is avoided, since water and dust are prevented from entering the enclosure through the filter, and the reliable fan motor will ensure constant ventilation. EMC performance is maintained on an EMC enclosure with this filter fan.

INDUSTRY STANDARDS

- cUL
- CE UKCA
- EAC
- CE
- GOST
- UR

FEATURES

Description: EMC capable filter fan. Special EMC screen in combination with stainless steel contact strips guarantee good contact with enclosure surface. Cutting edge surface of the enclosure needs to be blank for contact. Long service life.

Approvals: CE, GOST, UR, cUL.

Material: Plastic, UL 94-V0. EMC screen: stainless steel, contact strips.

Pack quantity: 1 fan with filter.

The filter fan is reliable due to its high quality motor, as well as being easy to install

EMC performance is maintained when installed on an EMC enclosure

Component failure and unnecessary downtime is avoided as water, dust and electromagnetic interferences are prevented from entering the enclosure and the reliable motor ensures that there is constant ventilation

The click-in feature reduces the customer's labour cost due to the ease of installation

The filter fan should be installed together with at least one exhaust filter, EFAE

Filter mat (EN779) G4

Bearing Type: Sleeve

SPECIFICATIONS

Filter Efficiency:	90 %
Protection Rating:	IP54
Color:	Light Gray
Material:	Plastic
Finish:	Textured

Table 1/1

Catalog Number	Height	Width	Depth	Power @ 50 Hz	Power @ 60 Hz	Airflow Volume
EFE250R5	252 mm	252 mm	104 mm	18 W	17 W	156/171 (no filter), 116/127 (with filter) m ³ /h
EFE200R5	145 mm	145 mm	70 mm	19 W	18 W	61/70 (no filter), 44/52 (with filter) m ³ /h
EFE220R5	203 mm	203 mm	89 mm	19 W	18 W	110/125 (no filter), 82/93 (with filter) m ³ /h
EFE300R5	252 mm	252 mm	103 mm	45 W	39 W	256/292 (no filter), 231/265 (with filter) m ³ /h
EFE500R5	320 mm	320 mm	155 mm	80 W	100 W	480/480 (no filter), 370/370 (with filter) m ³ /h
EFE600R5	320 mm	320 mm	155 mm	120 W	160 W	640/653 (no filter), 445/445 (with filter) m ³ /h
EFE700R5	320 mm	320 mm	155 mm	140 W	197 W	845/875 (no filter), 560/625 (with filter) m ³ /h

ADDITIONAL PRODUCT DETAILS

IP 55 on request

WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.



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