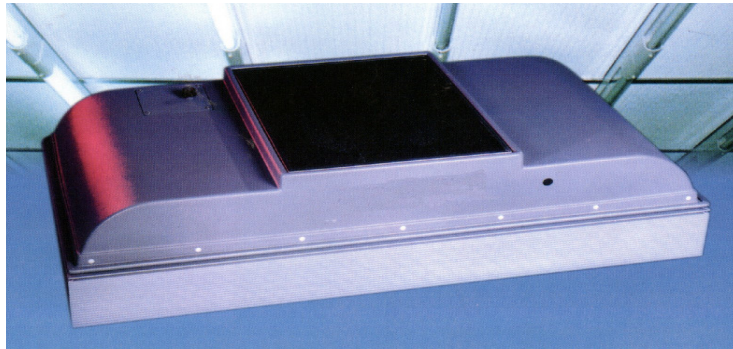


Fan Filter Units Type FFM

Descripton

BECKER Fan-Filter-Units create a clean environment wherever you require. The surrounding air is sucked by the Fan-Filter-Unit using a pre-filter (optional) and it then flows through a HEPA or ULPA filter on to the Clean Room side. The modules with plastic casing are ideally suitable for their installation in Standard T-Profile clean room ceilings. The unique construction enables you to have a wide range of choice of accessories in order to do justice to your individual requirements.



Technical Data

Standard Design

Purity Class
Fan-Unit

Pre-Filter
Filter Standard
Engine /Controls

Noise Level

Inspection

Size / Weight

Class 100 with HEPA Filter
Maintenance free ball bearing (ca. 140,000 hrs life),
flange engine with one way suction ventilators
washable Filter 40 % eff. (ASHRAE STD 52-68)
HEPA Filter 99.99% eff. at 0.3 µm and more
230V / 50 Hz / 0.9 A rotation regulation on potentiometer on the machine including
connecting line to the terminal box, an optional socket can be delivered
below 54 dB (A), measured at 762 mm from below the Filter and at a ceiling height of
2742 mm
As per guidelines of the US - Federal - Standards 209 and VDI - guidelines 2083. The
inspection of every unit will include a leakage test with a photometer and an aerosol
generator before it is dispatched and then provided with a clearance certificate.
Type 24: 1210 x 600 x 337 mm (LxBxH) / 27 kg (net)

Special Features

Filter

Engine
Controls

Optional Delivery

ULPA Filter 99.9995% eff. at 0.12 µm and more

115 V / 60 Hz
Master-Controller in case of cluster controller

Order Key

Model	Filter type	Voltage	L x B x H	Net Weight (kg)	Gross Weight (kg)
FFM-2-4-E	HEPA	230 V	1210 x 600 x 343	23	27
FFM-2-4-F	ULPA	230 V	1210 x 600 x 343	23	27
FFM-2-2-G	HEPA	230 V	600 x 600 x 343	14	18
FFM-2-2-H	ULPA	230 V	600 x 600 x 343	14	18