

# Fan Filter Units Type RSR

## Description

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 are ideally suitable for their installation in Standard T-Profile clean room ceilings. Room side Replaceable Module enables the access to filters and to the Fan-Unit from inside the clean room.



## Technical Data

### Standard Design

Purity Class	Class 100 with HEPA Filter
Fan - Unit	Maintenance free ball bearing (ca. 140,000 hrs life), flange engine with one way suction ventilators
Filter Standard	HEPA Filter 99.99% eff. at 0.3 µm and more
Engine	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
Noise Level	below 54 dB (A), measured at 762 mm from below the Filter and at a ceiling height of 2742 mm
Inspection	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.
Size / Weight	Type 24: 1210 x 600 x 337 mm (LxBxH) / 27 kg (net)

### Special Features

Filter  
Pre-Filter

Size  
Engine  
Controls

### Optional Delivery

ULPA Filter 99.9995% eff. at 0.12 µm and more  
Casing with washable Filter 40 % eff. (ASHRAE STD 52-68)

Type 22: 600 x 600 x 318 mm (LxBxH)  
400 V / 50 Hz or 115 V / 60 Hz  
Master-Controller in case of cluster controller

## Order - Key

**C2 - 24 - H - B - R -**

#### Accessories:

**P** = Pre-Filter casing  
**G** = Frame for Fluid seal

**R** = Room Side Replaceable

#### Voltage:

**B** = 230 V, 1 Ph., 50 Hz      **A** = 110/115 V, 1 Ph., 60 Hz  
**C** = 400 V, 3 Ph., 50 Hz

#### Filter:

**H** = HEPA Filter      **U** = ULPA Filter

#### Size: (LxBxH) , without pre-filter

**24** = 1210 x 600 x 337 mm      **23** = 905 x 600 x 337 mm