

FilterCube 4H, 11,0 kW, 100 m²



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Description

Product No.: 9501441110100100

€21,450.00*

excluding VAT

FilterCube 4H, 11,0 kW, 100 m²

The FilterCube 4H stationary filter unit is an IFA-tested filter system that takes up very little space and can be used for an extremely wide range of applications, primarily in the metalworking sector.

Filtration performance of over 99 % ensures that fumes and dusts are reliably separated out. The filter cartridges are cleaned by means of compressed air, meaning that it is not necessary to replace the filters until the through-flow of air is no longer sufficient.

The dust can be removed from the collecting tray very easily. This reduces downtimes to a minimum. The clean air can usually be fed back into the workplace, meaning that during periods in which heating is required, in particular, no new hot air has to be fed into the premises. In this way, the FilterCube helps reduce energy costs.

Standard equipment

- Four standard filter cartridges, with filter surface area depending on air flow rate
- Display-controlled filter cleaning
- Fan control
- Elbow silencer for upward air outlet

Possible options

- Other grades of filter cartridge, with filter surface area depending on air flow rate
- Soundproof housing for fan (reduces the noise level by approx. 6 dB(A))
- Soundproof housing with rear-mounted casing (reduces the noise level by approx. 8 dB(A))
- Hepa filter extension set as final stage (quality H13 with 99.9 % filtration efficiency)
- Activated carbon filter extension set for filtration of gases and odours
- Safety upgrade (particle sensor, compressed air shut-off valve, maintenance door with inspection window for FilterCube 4H/4N with connecting device for CO₂ fire extinguisher)

Possibility of combined use with other TEKA products

- Collecting devices such as suction arms, cranes or suction tables
- Spark separator
- Automatic dosing device for precoating

Properties

Volumetric flow [m ³ /h]:	10.000
max. pressure [Pa]:	4.600
Operating point:	8.140 m ³ /h bei 2.700 Pa
Engine power (kW):	11,0
Supply voltage (V):	400
Connection frequency [Hz]:	25
Current consumption (A):	22,5
Current type:	3Ph+N+PE
Automatic cleaning:	yes
Filter control:	automatic filter cleaning

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Properties

Engine control:	Stern-Dreieck-Schaltung
Cartridges number:	4
Filter surface [m²]:	100
Separation efficiency [%]:	> 99
Sound level [dB(A)]:	< 78
Width [mm]:	800
Depth [mm]:	800
Length [mm]:	3.070
Colour:	RAL 7016

Replacement parts

PE-bags (pack of 10) for
Product No.: 10030251

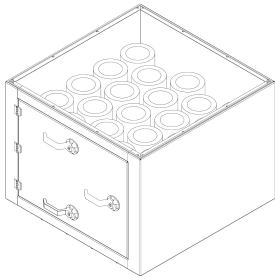
€185.00*



Filter cartridge, type easy clean plus
Product No.: 6161200225308

€1,110.00*

Accessories



Extension set for FilterCube 4
Product No.: 40009501440

€3,195.00*



Adapter for FilterCube 4 of diam. 500 mm
Product No.: 9501441940111

€195.00*



Extension set H13 filter for FilterCube 4
Product No.: 4000950144002

€2,810.00*



Option soundproof housing for FilterCube 4

Product No.: 950144194712

€1,195.00*



Option soundproof housing for FilterCube 4

Product No.: 950144194718

€1,195.00*



Option silence housing box for the back of a

Product No.: 950144194012

€2,390.00*



Security upgrade for FilterCube, AirTech P10 and

Product No.: 99920440

€834.00*