

*The air purifiers***TEKA**

# FilterCube 4H, 7,5 kW, 80 m<sup>2</sup>



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## Description

Product No.: 9501441075080100

€19,930.00\*

excluding VAT

# FilterCube 4H, 7,5 kW, 80 m<sup>2</sup>

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 CO<sub>2</sub> 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 <sup>3</sup> /h):	7.500
max. pressure (Pa):	3.950
Operating point:	6.000 m <sup>3</sup> /h bei 3.100 Pa
Engine power (kW):	7,5
Supply voltage (V):	400
Connection frequency (Hz):	50
Current consumption (A):	15,5
Current type:	3Ph+N+PE
Automatic cleaning:	yes
Filter control:	automatische Filterabreinigung

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*Properties*

Engine control:	Stern-Dreieck-Schaltung
Cartridges number:	4
Filter surface (m <sup>2</sup> ):	80
Separation efficiency (%):	> 99
Sound level (dB(A)):	< 78
Width (mm):	800
Depth (mm):	800
Height (mm):	2.920
Colour:	7016

*Replacement parts*

Filter cartridge, filter area 20m<sup>2</sup>  
Product No.: 6161200120008

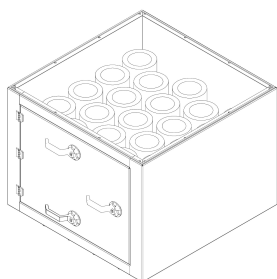
**€680.00\***



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

**€191.00\***

## Accessories



Extension set for FilterCube 4  
Product No.: 40009501440

**€3,295.00\***



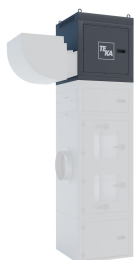
Adapter for FilterCube 4 of diam. 500 mm  
Product No.: 9501441940111

**€202.00\***



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

**€2,910.00\***



Option soundproof housing for FilterCube  
4

Product No.: 950144194712

**€1,235.00\***



Option soundproof housing for FilterCube  
4

Product No.: 950144194718

**€1,235.00\***



Option silence housing box for the back of  
a

Product No.: 950144194012

**€2,475.00\***