The air purifiers

EcoCube basic version 11kW



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Description

EcoCube basic version 11kW

The EcoCube stationary filter system is an IFA-tested filter system that is very space-saving and can be used for various applications, primarily in metal processing.

Smoke and dust are reliably separated with a filter efficiency of over 99%. The filter cartridges are cleaned with compressed air, so that the filters only need to be replaced when sufficient air flow can no longer be achieved.

The dust can be easily removed from the collection container. Downtime is therefore kept to a minimum. The clean air can usually be fed back into the work area, so that no warm air needs to be fed into the hall, especially during the heating season. The EcoCube thus helps to save energy costs. **Standard**

equipment

- 4 filter cartridges, type easy clean nano, each with a filter area of 25 m² - Display-controlled filter cleaning - Frequency converter for universal connection 400-480V / 50/60Hz - Curved silencer for upward air outlet

Possible

option - Safety upgrade (particle sensor and maintenance door with viewing window and connection device for CO^2 fire extinguisher)

Possible combination with other TEKA products

- Collection devices such as extraction arms, cranes or extraction tables

Properties

Fan design:	included in the set, including silencer elbow, right-hand side
medium to be filtered:	dry, grease-free or oil-free dust / smoke
Volumetric flow (m³/h):	8,140
Engine power (kW):	11
Supply voltage (V):	400 - 480
Connection frequency (Hz):	50/60
Current consumption (A):	22.5
Current type:	3Ph+N+PE
Automatic cleaning:	Yes
Filter control:	Siemens (S7 + LOGO)
Engine control:	frequency converter
main filter:	filter cartridge

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Properties

Cartridges number:	4 to 25
Filter surface (m²):	25.3
Separation efficiency (%):	> 99
Ansaugstutzen (mm):	NW 400 – left or right side
Ausblas:	left or right side – using a TEKA silencer (300 x 300 mm*)
Sound level (dB(A)):	75 – in accordance with DIN EN ISO 3744
Width (mm):	800
Depth (mm):	800
Colour:	RAL 7016

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