

*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 m<sup>2</sup>
- 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<sub>2</sub> fire extinguisher)

**Possible combination with other TEKA products**

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

**Properties**

<b>Fan design:</b>	auf der Anlage, inkl. Schalldämpferkanalbogen, rechte Seite
<b>Intake manifold (mm):</b>	NW 400 über Ansaugkanal, linke Seite
<b>medium to be filtered:</b>	trockener, fettfreier bzw. ölfreier Staub / Rauch
<b>Volumetric flow (m<sup>3</sup>/h):</b>	8,140
<b>Engine power (kW):</b>	11
<b>Supply voltage (V):</b>	400 - 480
<b>Connection frequency (Hz):</b>	50/60
<b>Current consumption (A):</b>	22,5
<b>Current type:</b>	3Ph+N+PE
<b>Automatic cleaning:</b>	Ja
<b>Filter control:</b>	automatische Filterabreinigung
<b>Engine control:</b>	Frequenzumrichter

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**Properties**

<b>main filter:</b>	BIA M, Type Nano
<b>Cartridges number:</b>	4 à 25
<b>Filter surface (m<sup>2</sup>):</b>	100
<b>Separation efficiency (%):</b>	99 (gemäß BGIA Prüfzeugnis)
<b>Ausblas:</b>	über Schalldämpferkanalbogen
<b>Sound level (dB(A)):</b>	75 + max. 10 bei Abreinigungsimpuls
<b>Width (mm):</b>	800
<b>Depth (mm):</b>	800
<b>Colour:</b>	RAL 7016