

*The air purifiers*

**TEKA**

# CartMaster IFA



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## Description

# CartMaster IFA

The specially developed dedusting system guarantees optimal separation efficiency during the whole operation. The advantage of the Power-Spray- System is not only its low maintenance construction without abrasion susceptible rotating jets but also the low dedusting pressure respectively low consumption of compressed air. The dedusted particles are collected in the dust collecting drawer and can be disposed afterwards.

The control contains a subsequent cleaning if the fan stands still.

A stable steel plate construction with continuous powder coating guarantees a low maintenance operation even under rough conditions.

A baffle plate serves as pre-separator for gross particles. The filter cartridge of the filter category BGIA M separates the remaining fumes and dusts (separation efficiency = 99 %). The cartridge is coated ex works with a special filter medium. Thus, the lifetime increases considerably compared to that of standard filter cartridges.

The unit is fitted with a high-capacity fan with high negative pressure that guarantees a high volumetric flow even under rough conditions.

The enormous advantage of this unit is its user-friendly construction with maintenance doors for all control areas and very low consequential costs because the cartridge is dedustable.

## Properties

|                            |                              |
|----------------------------|------------------------------|
| Volumetric flow (m³/h):    | 1.860                        |
| max. pressure (Pa):        | 2.900                        |
| Operating point:           | 1.210 m³/h bei 1.900 Pa      |
| Engine power (kW):         | 1,1                          |
| Supply voltage (V):        | 400                          |
| Connection frequency (Hz): | 50                           |
| Current consumption (A):   | 2,5                          |
| Current type:              | 3Ph+N+PE                     |
| Automatic cleaning:        | Ja                           |
| Pre-filter:                | Prallblech                   |
| main filter:               | Filterpatrone                |
| Filter class:              | Filterpatrone: Staubklasse M |
| Hauptfilter Anzahl:        | 1                            |
| Filter surface (m²):       | 10                           |
| Separation efficiency (%): | > 99                         |
| Sound level (dB(A)):       | 72                           |
| Weight (kg):               | 200                          |
| Width (mm):                | 665                          |

Properties

|              |          |
|--------------|----------|
| Depth (mm):  | 1.100    |
| Height (mm): | 1.495    |
| Colour:      | RAL 7016 |

Accessories



Exhaust ventilation hood, made from metal  
Product No.: 104901



On/off switch via suction hood  
Product No.: 96313321



Lighting for 1 suction arm incl. hood  
Product No.: 96323



Filter cartridge, type easy clean plus  
Product No.: 6160600212508



Adapter for extraction hood; diam.: 150  
Product No.: 66210



Adapter for extraction hood; diam 150 mm,  
Product No.: 66220



Protection grille (finely woven) for installation  
Product No.: 10372



Cartridge protection NANNOX P50  
Product No.: 68130000100

*Replacement parts*



Filter cartridge, type standard,  
Product No.: 6160600110008



PE bags for dust bin, pack of 10  
Product No.: 10030250



Exhaust ventilation hood diam. 150 mm  
Product No.: 66200