

*The air purifiers*



# CartMaster IFA



## Description

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## TEKA CartMaster IFA – Powerful Extraction System for Clean Workplaces

The **TEKA CartMaster IFA** is the ideal solution for businesses where clean air and safe working conditions are essential. Thanks to its robust construction, high filtration efficiency, and flexible applications, it is the perfect choice for workshops, production environments, and industrial settings.

### Your Benefits at a Glance:

- **Automatic Filter Cleaning:** Equipped with an integrated compressed air system, the CartMaster ensures effective, automatic cleaning of the filter cartridges, maintaining consistently high suction performance.
- **High Filtration Efficiency:** Certified W3 according to DIN EN ISO 21904-1 / -2, making it ideal for capturing welding fumes, even from high-alloy chromium-nickel steels.
- **Robust & Mobile:** Its sturdy design combined with smooth-running casters makes the CartMaster highly durable and flexible for use in changing workplaces.

### Efficient Filtration Technology for Maximum Performance

The CartMaster features powerful filter cartridges that effectively capture even the finest particles. The cleaning process is automatic, controlled by a differential pressure sensor that continuously monitors the filter cartridges' contamination level. This not only extends the filter lifespan but also significantly reduces maintenance efforts.

With a maximum airflow of up to 2,500 m<sup>3</sup>/h (depending on the model), the CartMaster delivers impressive extraction power while maintaining low energy consumption. Despite its high performance, the system operates quietly, making it suitable for noise-sensitive environments.

### Ideal for:

- Welding Workstations
- Metal Processing
- Workshops and Production Facilities
- Applications with High Dust and Fume Loads

**Secure your working environment with the TEKA CartMaster IFA** and benefit from top filtration efficiency, minimal maintenance, and maximum flexibility.

*Discover now how the TEKA CartMaster IFA can sustainably improve your air quality!*

## Properties

Main filter quantity:	1
Volumetric flow (m <sup>3</sup> /h):	1.860
max. pressure (Pa):	2,900
Operating point:	1,210 m <sup>3</sup> /h at 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

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## Properties

Automatic cleaning:	Yes
Pre-filter:	deflector plate
main filter:	filter cartridge
Filter class:	Filter cartridge: Dust class M
Filter surface (m <sup>2</sup> ):	10
Separation efficiency (%):	> 99
Sound level (dB(A)):	72
Weight (kg):	200
Width (mm):	665
Depth (mm):	1,100
Height (mm):	1,495
Colour:	RAL 7016

## 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

## 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