

*The air purifiers*



# CartMaster IFA for wall mounting



(Page: 1 for product 97532)

## Description

# CartMaster IFA for wall mounting

Stationary cartridge filter unit which is IFA-certified in combination with all TEKA suction arms or cranes according to DIN EN 21904-1/-2.

The separation efficiency is = 99 %.

The unit corresponds to the security requirements for units of the welding fume category W3 (high alloy steels). If you handle the unit correctly, you can use it for circulating air operation because it fulfils the requirements for the exceptional rules according to the new German Hazardous Substances Ordinance (GefStoffV).

The unit is fitted with a high-capacity steel plate fan which is mounted on top of the device. When the fan is switched off, a consecutive cleaning is carried out. The fan has a high negative pressure that guarantees a high volumetric flow even if the filter is saturated.

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

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 rotating jets which are susceptible to wear, but also the low dedusting pressure and low consumption of compressed air. The dedusted particles are collected in a freely accessible dust collecting drawer and can be disposed of afterwards.

A baffle plate serves as protection device for the filter cartridges. The fumes and dusts are separated from the filter cartridges. They are coated ex works with a special filter agent. This increases their lifetime considerably compared to standard filter cartridges.

From a length of 5 m on, the suction arm/ crane is equipped with an additional wall bracket.

## Properties

<b>Volumetric flow (m<sup>3</sup>/h):</b>	3.500
<b>max. pressure (Pa):</b>	3,000
<b>Engine power (kW):</b>	2.2
<b>Supply voltage (V):</b>	400
<b>Connection frequency (Hz):</b>	50
<b>Automatic cleaning:</b>	Yes
<b>Sound level (dB(A)):</b>	72 – in accordance with DIN EN ISO 3744
<b>Weight (kg):</b>	165
<b>Width (mm):</b>	665
<b>Depth (mm):</b>	681
<b>Height (mm):</b>	2,100
<b>Colour:</b>	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



Lighting for 2 suction arms/cranes  
Product No.: 96324



Suction arm, 4m, diam.150mm  
Product No.: 97603



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



Start-Stop Automatic  
Product No.: 150010016



Master-Slave-Control 32A (incl. Transf. for Mater-Slave-Control 16A (incl. Transf. for 24V AC)  
Product No.: 150010032



Product No.: 15001001602



Master slave junction box for controlling a motor  
Product No.: 15001001604



Cartridge protection NANNOX P50  
Product No.: 68130000100

### Replacement parts



Filter cartridge, type standard,  
Product No.: 6160600110008



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



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