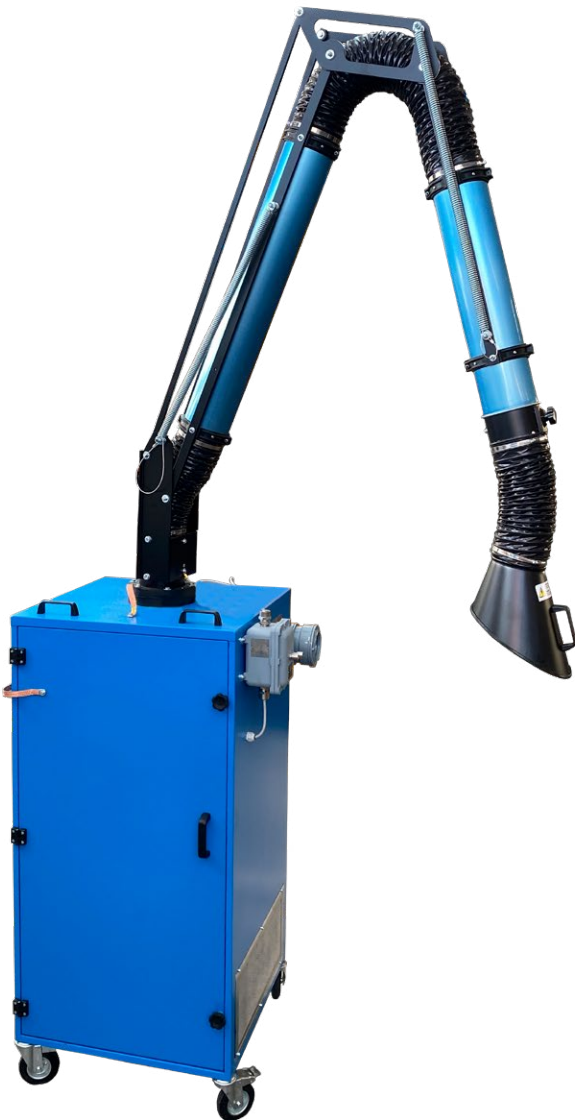


MULTICARB ATEX

MOBILE PURIFIER FOR ODOURS AND SOLVENTS



USE

- Small applications for suction of air polluted by solvents, VOCs, and odors
- Suction on small painting operations, washing tanks, gluing, ink applications, typography and screen printing
- Suction in operations with the presence of odors

FEATURES

- Sturdy construction in carbon steel sheet welded and painted
- Internal fan
- Prefiltration with spark-trap metal filters and/or corrugated acrylic filters
- Granular coal in activated pine wood with high adsorption capacity, ideal for removing medium/low concentration solvents
- Suction arm ELEFANTINO, ATEX EX II 3G
- Easily accessible filters for replacement

STANDARD SUPPLY

- Centrifugal fan
- Power switch
- Hour counter

RESTRICTIONS

- If the aspirated substances contain ketones (acetone), adequate fire safety systems must be studied. Ketones can cause self-ignition for activated carbons, particularly in the case of saturated carbons and prolonged downtime

EXAMPLES OF ADSORBED SUBSTANCES AND CLASSIFICATION

Class 1 High retention

Ethyl acetate - Acrylic acid - Lactic acid - Butyl alcohol - Acetic anhydride - Benzol - Camphor - Decane - Petrol - Heptane - Iode - Kerosene - Naphthalene - Nitrobenzol - Nitromethane - Octane - Toluene - Butyl acetate - Acetic acid - Sulfuric acid - Ethyl alcohol - Aniline - Bromine - Chloroform - Butyl chloride - Cyclohexane - Iodoform - Menthol - Nicotine - Ozone - Xylene

Class 2 Medium retention

Acetone - Hydrogen cyanide - Hydrogen iodide - Methyl alcohol - Sulfuric anhydride - Methyl bromide - Ethyl chloride - Hexane - Pentane - Carbon sulfide - Methyl acetate - Formic acid - Nitric acid - Chlorine - Methyl chloride - Toxic gases - Hydrogen sulphide - Various solvents

Class 3 Low retention

Acetaldehyde - Hydrochloric acid - Nitrogen dioxide - Propane - Hydrobromic acid - Hydrofluoric acid - Ammonia - Butane - Sulfur gas

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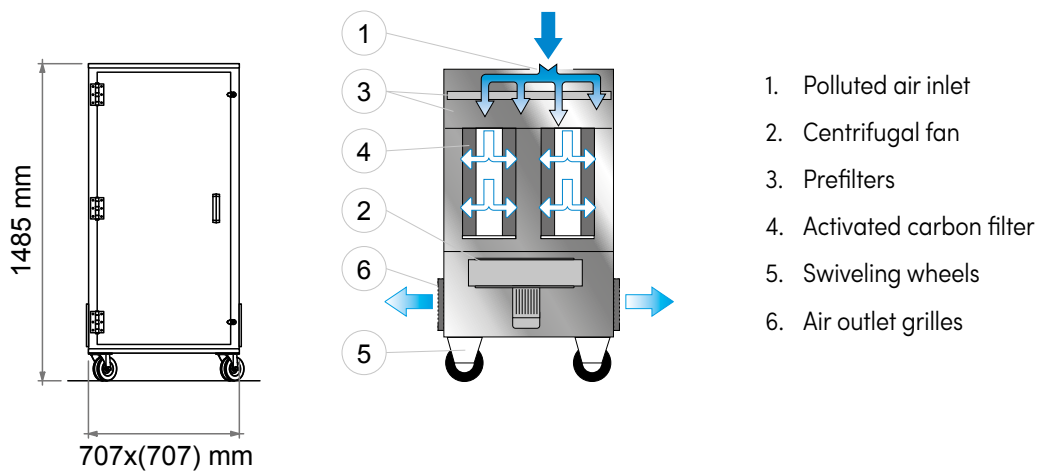
TECHNICAL DATA

| MODEL | POWER kW | RECOMMENDED MAX FLOW RATE m ³ /h | ARM | ACTIVATED CARBON Kg | CARTRIDGES n / ht (mm) | CROSSING SPEED m/s * | CONTACT TIME s * | FLOW RATE (T _c = 1SEC) m ³ /h | NOISE dB(A) | WEIGHT Kg |
|--|-------------|---|----------|---------------------------|---------------------------|-------------------------|------------------------|---|----------------|--------------|
| DCE/M-N [Version without suction arm] | | | | | | | | | | |
| DCE/M-60N | 1,5 | 1200 | optional | 60 | 4 / 500 | 0,24 | 0,30 | 360 | 73 | 120 |
| DCE/M-75N | 2,2 | 1500 | optional | 75 | 4 / 625 | 0,24 | 0,30 | 450 | 74 | 135 |
| DCE/M-B [Version with EX II 3G suction arm (arm length 3 meters)] | | | | | | | | | | |
| DCE/M-60B | 2,2 | 1200 | EX II 3G | 60 | 4 / 500 | 0,24 | 0,30 | 360 | 74 | 140 |
| DCE/M-75B | 2,2 | 1200 | EX II 3G | 75 | 4 / 625 | 0,20 | 0,38 | 450 | 74 | 160 |

Air flow rate tolerances and weight tolerances: ± 10%

* Values at the maximum recommended flow rate

DIMENSIONS AND OPERATION



SPARE PARTS

- **[CARB/KG]** AC54 Carbsorb carbon
- **[RUOTE/F]** Braking wheels, Ø 100 mm
- **[RUOTE/N]** No-braking wheels, Ø 100 mm
- **[PREF]** Flat acrylic prefilter, ht 22 mm
- **[SCINT]** Flat metal prefilter, ht 22 mm
- **[CAR25]** Activated carbon cartridge, Kg 7.50
- **[CAR35]** Activated carbon cartridge, Kg 11.25
- **[CAR50]** Activated carbon cartridge, Kg 15.00
- **[CAR625]** Activated carbon cartridge, Kg 18.75
- **[CAR660]** Activated carbon cartridge, Kg 20.00