

## AIRJET

### STANDALONE AIR CLEANER

Engineered for demanding environments, this standalone industrial air cleaner delivers powerful air purification for fire stations, factories, workshops, and warehouses. With a high-capacity multi-stage filtration system it effectively removes dust, smoke, fumes, and airborne contaminants. With three different filter options to select from - including HEPA or activated carbon - the Airjet can be tailored to your specific air quality needs. The unit can be rotated 180 degrees to quickly reverse airflow direction, offering flexible installation and improved adaptability to changing workspace needs. Equipped with a stepless EC motor (short for Electronically Commutated motor): a brushless DC motor with integrated electronics that control the operation speed. Designed for continuous operation, it features a rugged steel housing, low-maintenance components, and simple controls. Improve air quality, protect equipment, and ensure worker safety—all with one compact, plug-and-play solution.



#### APPLICATIONS

The AirJet is intended to be used for the following applications: 

- To eliminate hazardous vehicle exhaust emissions in the following segments: fire and emergency service stations as well as military facilities, industrial and environmental air cleaning and logistic warehouses (dust capturing).

Residual air cleaning

- MIG-MAG/GMAW welding
- TIG/Stainless steel welding
- FCAW welding
- Stick/MMAW welding

#### SPECIFICATIONS

##### Physical properties

Material	• full steel
Color	• black RAL 9005 • yellow RAL 1004
Dimensions (L×W×H)	66.3 x 28.2 x 29.7 in.
Net weight	299 lbs (without filters)

##### Filter

Pre filter (cassette)	• polyester • 10¾ ft <sup>2</sup> • MERV 7 according to ASHRAE Standard 52.2 • washable
HEPA filter (cassette)	• glass fibre • 161½ ft <sup>2</sup> • MERV 16 according to ASHRAE Standard 52.2 • no
HEPA filter (cassette)	• glass fibre • 279¾ ft <sup>2</sup> • MERV 16 according to ASHRAE Standard 52.2 • no
Post filter (cassette)	• polyester • 10¾ ft <sup>2</sup> • MERV 7 according to ASHRAE Standard 52.2 • no

##### Activated carbon (cassette)

- type of carbon
- carbon content
- moisture content, as packed
- bed density
- carbon tetrachloride activity
- butane activity
- iodine number
- hardness
- pellet diameter
- washable

- coal based extruded
- 33 lbs
- max. 5%
- 28 lbs/ft<sup>3</sup>
- min. 60% w/w
- min. 23% w/w
- 1000 mg/g
- 90%
- Ø 0.12 in.
- no

##### Performance

Max. extraction capacity\* 4415 cfm

Max. static pressure 4.2 in. WG

Noise level @ max. speed < 70 dB(A)

##### Electrical data (motor)

Power consumption	700 W
Available connection voltages	110 V single phase 230 V single split-phase
Frequency	50/60 Hz
Speed	1450 rpm
Current @ full speed	3.1 A
Protection class	NEMA 12
Insulation class	Class F

##### Ambient conditions

Operating conditions -13 - 140 °F  
Relative humidity max. 90%

Storage conditions -13 - 140 °F  
Relative humidity max. 90%

Suitable for outdoor use No

##### Scope of supply

Airjet (filters to be ordered separately)

##### Options & accessories

AeroGuard Control unit

##### Order information

Article number:

- Airjet
- Pre- and post filter
- HEPA filter cassette (MERV 16)  
161½ ft<sup>2</sup>
- HEPA filter cassette (MERV 16)  
279¾ ft<sup>2</sup>
- Carbon filter cassette

- 0000351461
- 000111637
- 000111628
- 000111636
- 000112427

\* Actual airflow depends on applied filterset combination

Number/package	1
<b>Shipping data</b>	
Gross weight (incl. pallet)	326 lbs
Packing dimensions (incl. pallet)	63 x 32 x 36 in.
Max. number per pallet	1
Harmonized Tariff Code	84213925

## DIMENSIONS

<table border="1"> <thead> <tr> <th></th> <th>inch</th> </tr> </thead> <tbody> <tr> <td><b>A</b></td> <td>66.3</td> </tr> <tr> <td><b>B</b></td> <td>55.2</td> </tr> <tr> <td><b>C</b></td> <td>52.5</td> </tr> <tr> <td><b>D</b></td> <td>29.8</td> </tr> <tr> <td><b>E</b></td> <td>28.2</td> </tr> <tr> <td><b>F</b></td> <td>21.7</td> </tr> </tbody> </table>			inch	<b>A</b>	66.3	<b>B</b>	55.2	<b>C</b>	52.5	<b>D</b>	29.8	<b>E</b>	28.2	<b>F</b>	21.7
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## Application restrictions

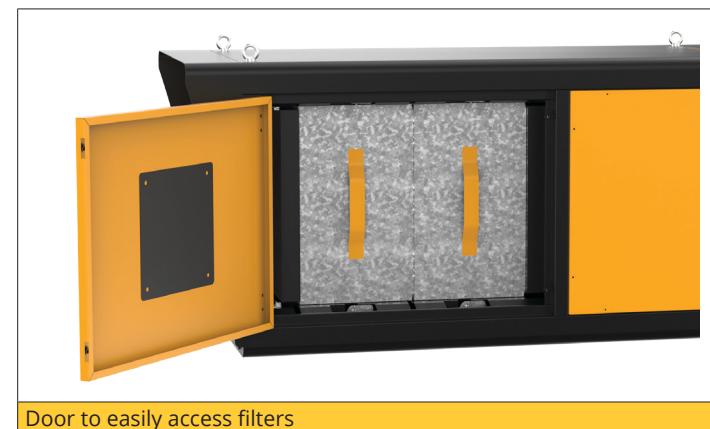
Do not use the product for the following applications or in the following circumstances: polishing applications in combination with grinding, welding or any other application that generate sparks (fibers from polishing or abrasive flap disks are highly flammable and pose a high risk of filter fires when exposed to sparks) | aluminum laser cutting | oil mist | heavy oil mist in welding fume | arc-air gouging | extraction of aggressive fumes and gases (e.g. from acids, from alkaline, from soldering paste containing lithium) | extraction of hot gases (more than 158°F (70°C) continuously) | grinding aluminum and magnesium | flame spraying | extraction of cement, saw dust, wood dust etc. | sucking cigarettes, cigars, oiled tissues and other burning particles, objects and acids | explosive environments or explosive substances/gases



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## APPROVALS/CERTIFICATES

CE Machine Directive 2006/42/EU / UKCA Supply of Machinery (Safety) Regulations 2008



Product

**AirJet**

Article no.

*Refer to order information*

Product category

Mobile filters

Version

A

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