PLYMOVENT®
clean air at work

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 EPA 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

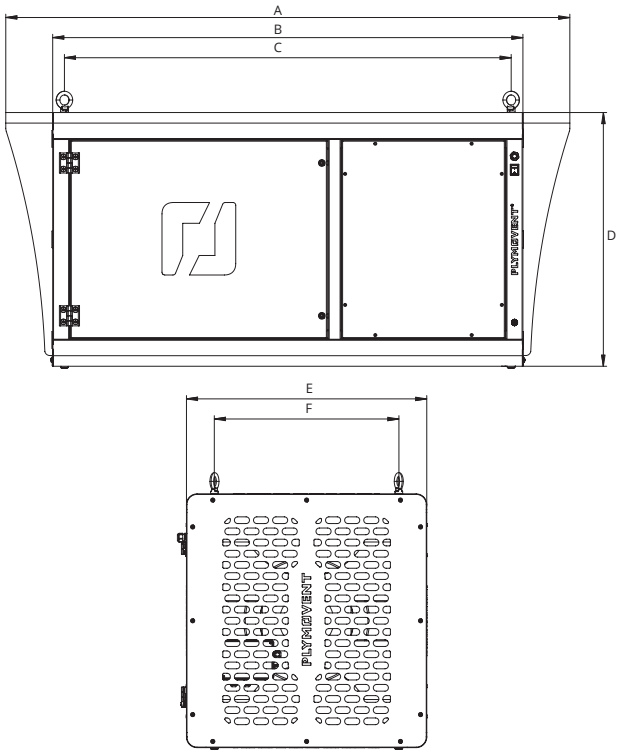
Physical properties	
Material • body	 • full steel
Color	• black RAL 9005 • yellow RAL 1004
Dimensions (L×W×H)	1683 x 717 x 754 mm
Net weight	136 kg (without filters)
Filter (to be ordered pending application)	
Pre/post filter (cassette) • material • filter surface • filter classifcation • washable	 • polyester • 1 m² • G4 according to ISO 16890 • no
EPA filter (cassette) • material • filter surface • efficiency class • washable	 • glass fibre • 15 m² • E12 according to EN 1822 • no
EPA filter (cassette) • material • filter surface • efficiency class • washable	 • glass fibre • 26 m² • E12 according to EN 1822 • no
HEPA filter (cassette) • material • filter surface • efficiency class • washable	 • glass fibre • 26 m² • H13 according to EN 1822 • 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 • 15 kg • max. 5% • 450 kg/m³ • min. 60% w/w • min. 23% w/w • 1000 mg/g • 90% • Ø 3 mm • no
Performance	
Max. extraction capacity*	7500 m³/h
Max. static pressure	1030 Pa
Noise level @ max. speed	< 70 dB(A)
Electrical data (motor)	
Power consumption	700 W
Available connection voltages	176 - 264 VAC
Frequency	50/60 Hz
Speed	1450 rpm
Current @ full speed	3.1 A
Protection class	IP55
Insulation class	Class F
Ambient conditions	
Operating conditions	-25 - 60°C Relative humidity max. 90%
Storage conditions	-25 - 60°C Relative humidity max. 90%
Suitable for outdoor use	No
Scope of supply	
AirJet (filters to be ordered separately)	
Order information	
Article number: • AirJet • Pre- and post filter • EPA filter cassette (E12) 15 m² • EPA filter cassette (E12) 26 m² • HEPA filter casette (H13)26 m² • Carbon filter cassette	 • 0000351370 • 0000111637 • 0000111628 • 0000111636 • 0000351990 • 0000112427
Number/package	1

product data sheet

* Actual airflow depends on applied filterset combination

Shipping data	
Gross weight (inc. pallet)	143 kg
Packing dimensions (inc. pallet)	1600 x 800 x 900 mm
Max. number per pallet	1
Country of origin	Thailand
Harmonized Tariff Code	84213925

DIMENSIONS



	mm
A	1683
B	1403
C	1333
D	757
E	717
F	551

FEATURES & BENEFITS



Door to easily access filters

APPROVALS & CERTIFICATES

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

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 70°C (158°F) 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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