

PORT-A-CART™



Portable Cartridge Air Cleaner



TRION®
air purification systems

ENGINEERING SOLUTIONS FOR CLEAN AIR



CAPTURE DRY PROCESS POLLUTANTS AT THE SOURCE

The Port-A-Cart™ helps to eliminate smoke, dust, powders and other dry process pollutants before they adversely affect indoor air quality and worker productivity.

Port-A-Cart is adaptable, efficient and easy to maintain. Its many advantages can help:

- Meet OSHA air quality standards
- Avoid health and safety hazards that cause workers to experience respiratory ailments
- Reduce make-up air requirements by cleaning and re-circulating the air
- Cut maintenance costs by eliminating smoke and dust before particles can settle on equipment and work surfaces



Port-A-Cart incorporates the latest technological advances in filtration design and is ideal for applications in which:

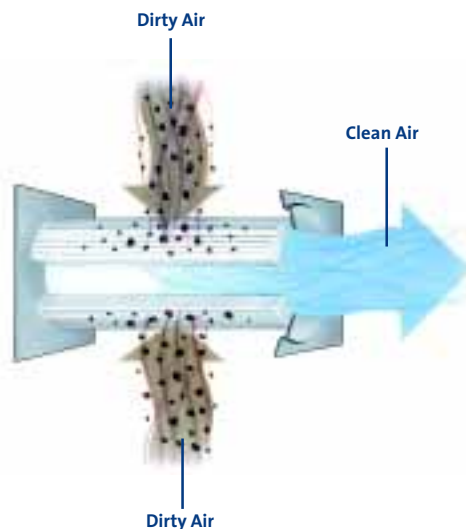
- Large pick-up hoods are impractical
- Dust and smoke-producing machinery are used intermittently
- An employee works at multiple stations

The Port-A-Cart's parabolic (curved) hood and inlet flange make the device most effective in capturing smoke and fumes at further distances, compared to standard designs that allow contaminant bypass.

HOW PORT-A-CART WORKS

The Port-A-Cart functions in three easy steps:

- Contaminants enter the Port-A-Cart through the unit-mounted hood and are conveyed through the swing arm into the cartridge filter section
- As the cartridge filter loads with contaminants, the optional, off-line reverse pulse cleaning system directs compressed air through the filter, dislodging collected particles. These particles then fall into the dust drawer for storage and easy removal
- Clean air is re-circulated into the work area



Specifications

Clean Airflow	1000 CFM (1700 m ³ /hr.)
Filter Area	190 ft ² (17.7 m ²)
Cabinet Dimensions	48" D x 30" W x 34" H (1222mm x 749mm x 851mm)
Shipping Weight	400 lbs. (180 kg.)
Noise Level	70 dB(A)* at 5' distance (1.5m)
Horsepower	1.5 HP
Electrical	115/208-230/1/60, 17/9.4-8.5 amps
Construction	14 ga. welded steel, powder coated cabinet

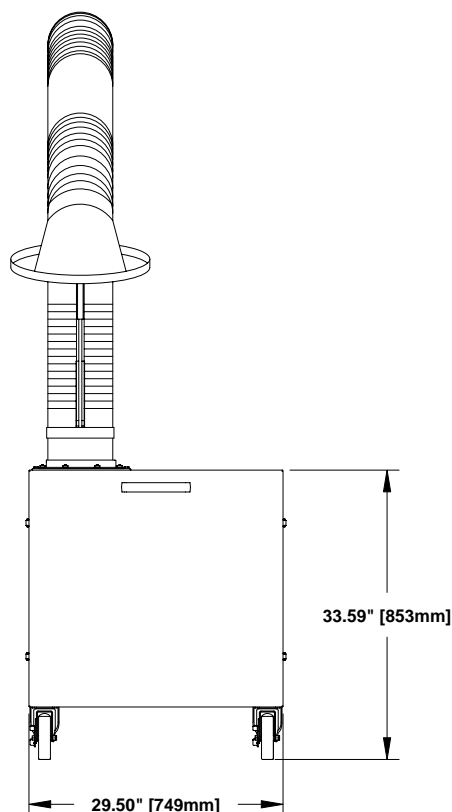
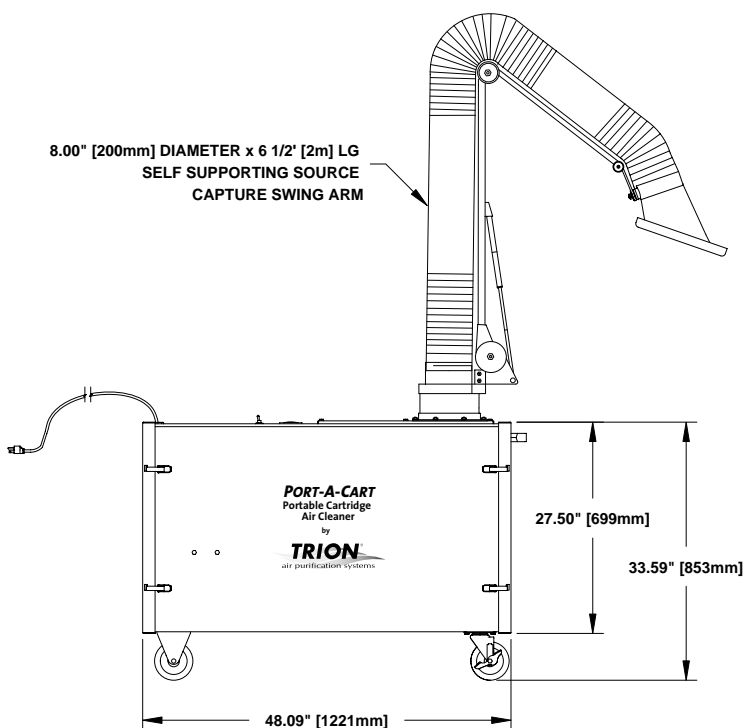
*dB(A) sound levels are an average of measurements made in a laboratory environment. Installed sound levels will vary depending on the measurement location, operating conditions and installation.

FEATURES AND BENEFITS

- Complete self-contained unit, includes 6.5-foot arm with parabolic hood, blower and filter cartridge for "plug and go" operation
- Minihelic® gauge kit to indicate when filter requires cleaning
- Direct-drive backward inclined blower overcomes higher static pressure to provide longer filter life and greater reliability; no belts or pulleys to replace
- Removable filter door allows easy access to cartridge filter
- Nanofiber technology provides up to 99.999% filtration efficiency on 0.5 µm dust particles
- Fire retardant cartridge for increased safety
- Compact design easily fits through a standard doorway
- Impregnated carbon after-filter for odor control

OPTIONS

- Off-line, reverse pulse cleaning system, factory or field installed kit
- Bolt-on, 99.97% HEPA after filter





Headquartered in Sanford, North Carolina

LEADING TECHNOLOGY FOR CLEANER EXHAUST AIR SINCE 1947

Trion products have provided solutions to indoor air quality problems for more than 50 years. Trion is part of Fedders Engineered Products, a division of Fedders Corporation (NYSE:FJC), a leading global manufacturer and marketer of air treatment products. Trion is a registered trademark of Trion, Inc.



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