



705 Series Air Vacuums
Air Operated Vacuums for Heavy-Duty Industrial Use



Markets/Applications

- Oil refineries
- Steel mills
- Cereal manufacturing plants
- Machine shops
- Automotive
- Power stations
- Engine manufacturing
- Rail-transit repair shops
- Ship building
- Welding Shops
- Chemical Manufacturing
- Airports
- Sump Cleaning
- Sand and Gravel
- Steel Chip
- Aluminum Chip
- Steel Scale
- Foundry Sand
- Fly Ash
- Coolants
- FLUX
- Oil
- Grease
- Chemicals
- Metal Stamping
- Steel Shot
- Crit Blast
- Ceramic Oven Materials
- Copy Machine Toner
- Iron Oxide
- Flammable Liquids (jet fuel)

Productivity

- 180" of waterlift on every air vacuum model
- High CFM up to 166cfm
- Capable of filling a 55 gallon barrel with liquid in less than 60 seconds

General Overview

- No moving parts to replace
- No motors or switches to replace
- Silenced down to low 80 dba
- Available in stainless steel or electrostatically applied painted tanks
- Uses compressed air and the venturi principle to create a vacuum of exceptionally high flow and high static lift
- Ideal for areas where standard voltage is not available
- Capable of lifting or moving an extensive variety of solid or liquid materials
- Large range of tank sizes, filter arrangements, venturi and hose sizes, tools & attachments for wet/dry pick up

**Note: ULPA filtration exceeds HEPA standards

Accessories:

Tool Kits Available for Industrial and Commercial Use



Tool Kit #490025-1
Industrial Tool Kit



Tool Kit #490024-1
Commercial Tool Kit

| Specifications | Wet/Dry Models | | | ULPA DRY Only Models | | |
|-----------------------|--|-----------------|-------------|---------------------------------|-----------------|-------------|
| | C70506-01 | C70515-01 | C70555-01 | C87506-01 | C87515-03 | C87555-01 |
| Tank Size | 6 gal. | 15 gal. | 55 gal. | 6 gal. | 15 gal. | 55 gal. |
| Tank Type | Stainless Steel | Stainless Steel | Painted | Stainless Steel | Stainless Steel | Painted |
| Wet Capacity | 3.5 gal | 10 gal. | 45 gal. | 3.5 gal | 10 gal. | 45 gal. |
| Dry Capacity | .46 cu ft | 1.86 cu ft | 7.16 cu ft | .46 cu ft | 1.86 cu ft | 7.16 cu ft |
| Filtration | .3 micron @ 94.5% efficiency with cloth filter | | | .12 micron @ 99.999% efficiency | | |
| Static Lift (Max) | 180" | 180" | 180" | 180" | 180" | 180" |
| Air Flow | 166 CFM | 166 CFM | 166 CFM | 166 CFM | 166 CFM | 166 CFM |
| Air Line Diameter | 1/2" ID | 1/2" ID | 1/2" ID | 1/2" ID | 1/2" ID | 1/2" ID |
| Max. Airline Pressure | 100 Psi Max | 100 Psi Max | 100 Psi Max | 100 Psi Max | 100 Psi Max | 100 Psi Max |
| Input Air Requirement | 37 CFM | 42 CFM | 42 CFM | 37 CFM | 42 CFM | 42 CFM |
| Venturi | Single Jet | Single Jet | Single Jet | Single Jet | Single Jet | Single Jet |
| Hose Connection | Coupler | Coupler | Coupler | Coupler | Coupler | Coupler |
| Wheel Size Front | N/A | 3" | 5" | N/A | 3" | 5" |
| Wheel Size Rear | N/A | 8" | 5" | N/A | 8" | 5" |
| Weight | 27 lbs | 51 lbs | 110 lbs | 27 lbs | 51 lbs | 110 lbs |

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Minuteman is a full line manufacturer of sweepers and scrubbers; as well as critical filter vacuums, industrial and commercial vacuums, floor and carpet machines, and litter vacuums for commercial and institutional facilities, whereas PowerBoss is a full line manufacturer of sweepers and scrubbers for industrial facilities.