

705 Series Air Vacuums

Air Operated Vacuums for Heavy-Duty Industrial Use



Minuteman[®]

The Company the World's Cleaning Professionals Rely On
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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
- Grit Blast
- Ceramic Oven Materials
- Copy Machine Toner
- Iron Oxide
- Flammable Liquids (jet fuel)

Productivity

- 180" of waterlift on every air vacuum model
- High CFM from 166cfm (4 gal) to 728 cfm (55 gal with quad jets)
- Capable of filling a 55 gallon barrel with liquid in less than 35 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

Accessories/Options

- 55 gallon drum transfer lids available for bulk filling of 55 gallon drums using remote vacuum source
- H.E.P.A. filter option may be attached to any 705 Series models (except for the Model 704-55) when the exhaust air must be exceptionally clean. The High Efficiency Particulate Air (H.E.P.A.) filter is 99.97% efficient at 0.3 microns and meets or exceeds all government and military standards.

Specifications

	705-4	705-6	705-15	705-30	705-55	701-55	702-55	704-55
TANK SIZE	4 gal (15 ltr)	6 gal (22 ltr)	15 gal (57 ltr)	30 gal (113 ltr)	55 gal (208 ltr)	55 gal (208 ltr)	55 gal(208 ltr)	55 gal(208 ltr)
WET CAPACITY	N/A	3.5 gal (13 ltr)	10 gal (38 ltr)	25 gal (95 ltr)	45 gal (170 ltr)	45 gal (170 ltr)	45 gal (170 ltr)	45 gal (170 ltr)
DRY CAPACITY	.21cu.ft.(.05m ³)	.46cu.ft.(.01m ³)	1.86cu.ft.(.05m ³)	4.36cu.ft.(.12m ³)	7.16cu.ft.(.20m ³)	7.16cu.ft.(.20m ³)	7.16cu.ft.(.20m ³)	7.16cu.ft.(.20m ³)
STATIC LIFT	180" (4572mm)	180" (4572mm)	180" (4572mm)	180" (4572mm)	180" (4572mm)	180" (4572mm)	180" (4572mm)	180" (4572mm)
AIR FLOW	166CFM	166CFM	166CFM	166CFM	166CFM	182CFM	364CFM	728CFM
AIR LINE	1/2" (1.2cm)	1/2" (1.2cm)	1/2" (1.2cm)	1/2" (1.2cm)	1/2" (1.2cm)	1/2" (1.2cm)	3/4" (1.9cm)	1" (2.5cm)
INPUT PRESSURE	100 psi	100 psi	100 psi	100 psi	100 psi	100 psi	100 psi	100 psi
INPUT AIR	37CFM(1.0m ³ /min)	37CFM(1.0m ³ /min)	42CFM(1.1m ³ /min)	42CFM(1.1m ³ /min)	46CFM(1.3m ³ /min)	46CFM(1.3m ³ /min)	91CFM(2.5m ³ /min)	182CFM(5.1m ³ /min)
VENTURI	Single Jet	Single Jet	Single Jet	Single Jet	Single Jet	Single Jet	Twin Jet	Quad Jet
HOSE CONNECTION	1/2" Quick Coupler	1/2" Quick Coupler	1/2" Quick Coupler	1/2" Quick Coupler	1/2" Quick Coupler	1/2" Quick Coupler	3/4" Quick Coupler	1" Quick Coupler
WHEEL SIZE - Front	N/A	N/A	3"(8 cm)	5"(13 cm)	5"(13 cm)	5"(13 cm)	5"(13 cm)	5"(13 cm)
WHEEL SIZE - Rear	N/A	N/A	8"(20 cm)	5"(13 cm)	5"(13 cm)	5"(13 cm)	5"(13 cm)	5"(13 cm)
WEIGHT	22 lbs(10 kg)	27 lbs(12 kg)	51 lbs(23 kg)	90 lbs(41 kg)	110 lbs(50 kg)	122 lbs(55 kg)	127 lbs(58 kg)	142 lbs(64 kg)

Specifications subject to change without notice.

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Minuteman is a full line manufacturer of maintenance products including critical filter vacuums, industrial and commercial vacuums, sweepers, scrubbers, floor and carpet machines, PowerBoss® sweepers and scrubbers, Parker® Litter Vacs and Multi-Clean® Chemicals for industrial, commercial, and institutional facilities.