

# OPERATING SPECIFICATIONS

AIR-VAC Model	Air Consumption (scfm)	Inlet Air Hose ID (inches)	Vacuum Hose ID (inches)	Maximum Vacuum Lift (inches H <sub>2</sub> O)	Maximum Vacuum Flow (scfm)	Maximum Vacuum Hose Velocity (ft/min)
AVU 7150	150	1.0	2.5	160	300	8,800
AVU 7225	225	1.0	3.0	140	520	10,500
AVU 7330	330	1.0	4.0	130	850	9,800

Note: All operating specifications measured @ 90 psig

# PRODUCTS, PARTS & ACCESSORIES

Part #	Description
AVU 7150	AIR-VAC 150 SCFM 2.5" VACUUM UNIT
AVU 7225	AIR-VAC 225 SCFM 3.0" VACUUM UNIT
AVU 7330	AIR-VAC 330 SCFM 4.0" VACUUM UNIT
AVC 2530	2.5" TO 3.0" ID HEAVY-DUTY HOSE COUPLER
AVC 3040	3.0" TO 4.0" ID HEAVY-DUTY HOSE COUPLER
AVF 7000	REPLACEMENT FILTER
AVH 2515	2.5" ID x 15 FT VACUUM HOSE
AVH 3015	3.0" ID x 15 FT VACUUM HOSE
AVH 4015	4.0" ID x 15 FT VACUUM HOSE
AVW 2505	2.5" ID x 5 FT VACUUM WAND
AVW 3005	3.0" ID x 5 FT VACUUM WAND
AVW 4005	4.0" ID x 5 FT VACUUM WAND

# TESTIMONIAL

"AIR-VAC is a perfect compliment to our large air-vacuum truck. In combination with AIR-SPADE 2000 air excavation tool and a tow-behind compressor, the AIR-VAC is ideal for utility locating and potholing in places where we cannot take our big truck. During our first month of ownership, we dug over 50 holes and are very satisfied customers"

Aaron Blow  
 Assistant Operations Director  
 Mid-Atlantic Utility Locating, LLC  
 Chantilly, VA



54 Second Avenue  
 Chicopee, MA 01020  
 Phone: 800-482-7324  
 Fax: 413-594-4884  
 www.air-spade.com

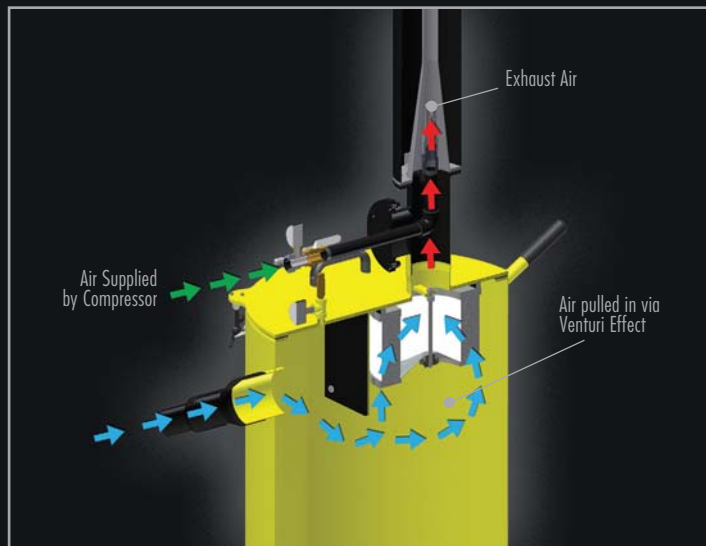


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**AIR-VAC<sup>®</sup>**  
**COMPRESSED AIR-POWERED VACUUMS**

# THE POWER OF COMPRESSED AIR

Powered by compressed air, AIR-VAC utilizes the Venturi Principle to create a powerful vacuum inside the tank which in turn induces a high transport velocity within the vacuum hose. The high transport velocity carries soil and/or debris from the ground up into the tank quickly and effectively.



## The Venturi Principle

AIR-VAC incorporates a high thru-put venturi powered by the patented AIR-SPADE supersonic nozzle. Generating air flow of nearly 1,200 MPH (Mach 2), this proprietary design is up to 20% more efficient than comparable air-powered vacuums and offers up to five times more vacuum lift than electric-powered vacuums. With no motor or moving parts, AIR-VAC vacuums provide years of trouble-free operation.

## AIR-VAC ADVANTAGES

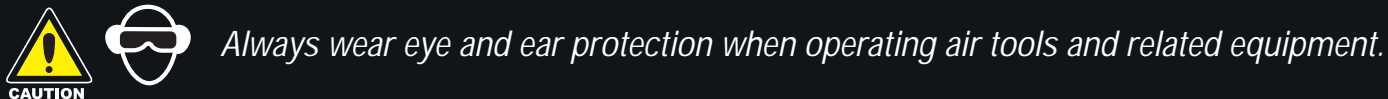
- Simple** – Runs on compressed air.
- Always Dependable** – No motors or moving parts to wear out.
- Safe** – No dangerous power cords or electrical fields.
- Versatile** – Vacuums all types of soil including dirt, sand, gravel, rocks and/or water.
- Fast** – Vacuums up to 2 cubic feet per minute of material.
- High Capacity** – Capacity to hold soil from a 6 foot deep, 12 inch diameter pothole.
- Portable** – Service remote locations inaccessible to large vacuum trucks.
- Compact** – Negotiates 32 inch wide doors or gates to obtain indoor or backyard access.
- Easy to Empty** – 10"H x 20"W dump-door facilitates emptying.

## APPLICATIONS

AIR-VACs are used in utility, environmental, construction, maintenance, and industrial environments.

### Examples include:

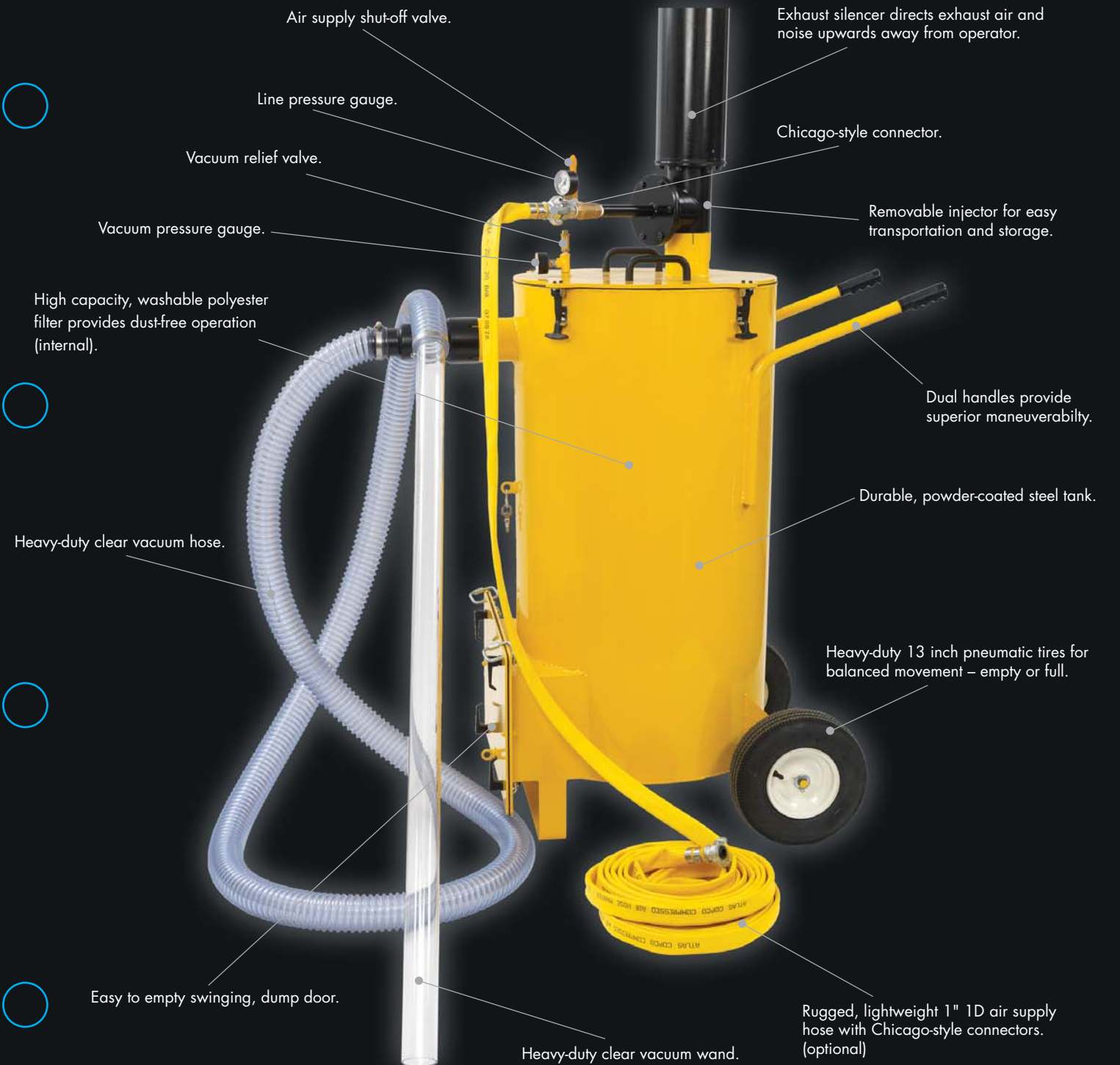
- Utility potholing • Manhole and valve cleanout • Utility pole soil excavation • Meter box cleaning
- Uncovering splice locations • Surface drain inlet cleanout • Contaminated soil removal
- Demolition debris cleanup • Sludge and mud removal



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FAX 413-594-4884

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## TECHNICAL SPECIFICATIONS

Overall Size	30.5"W x 41.5"D x 107"H
Tank Size (only)	24" Diameter x 58" Height
Tank Volume	14 cubic ft. (100 gallon)
Spoil Capacity	0.25 cubic yard
Total Weight	220 lbs.
Filter Efficiency	99.99% @ 1.0 micron
Noise	85 dBA @ 23 ft.

### All AIR-VAC units include:

- AIR-VAC vacuum
- 15 ft. vacuum hose
- 5 ft. vacuum wand