

Venturi Air Movers

Product datasheet



 **FANQUIP**

Venturi Air Movers.



Fanquip's Venturi Air Movers are an effective solution for removing hazardous, explosive, or poisonous fumes from confined spaces such as process towers, tanks, large pipes, and manholes. Ideal for use in refineries, utility and power plants, shipyards, marine and steel industries, as well as paper and pulp operations, they help create a safe, productive work environment by quickly extracting welding fumes, hot air, gases, and smoke. They can also be used to direct cool air onto workers in high-temperature areas or to cool heavy equipment.

Available with either plastic or aluminium covers, our Venturi Air Movers are built for durability and reliable performance across demanding industrial applications.

Key features.



- ✓ Lightweight construction
- ✓ Convenient carry handles for one-person portability to any location
- ✓ No guards required
- ✓ Multiple inlet ports
- ✓ Sturdy galvanised steel or anti-static LLDPE plastic diffuser
- ✓ All models include a crow's foot inlet connection
- ✓ Static ground connection attached to the inlet housing (for use in hazardous locations)
- ✓ Single piece cast aluminum inlet housing

Applications.

The Venturi Air Movers have an extensive range of applications.

Installation locations.

- ✓ Refineries
- ✓ Utility and power plants
- ✓ Shipyards
- ✓ Marine and steel industries
- ✓ Manholes and confined spaces
- ✓ Tanks, towers and large industrial pipes

Applications.

- ✓ Remove hazardous, explosive or poisonous fumes
- ✓ Extract welding fumes, hot air, gases and smoke
- ✓ Supply fresh air to confined spaces
- ✓ Cool workers in high-temperature environments
- ✓ Cool heavy equipment during maintenance



Options.

- No options.

Technical advice.

Fanquip have technical consultants to provide guidance on the specifications required to suit your Venturi Air Movers use and application.

Warranty.

Twelve-month guarantee on the mechanical and electrical componentry subject to satisfactory maintenance with assessment and rectification, if any, to take place after return by the customer to Fanquip's workshop. Extended warranty options available on request.

Installation & maintenance.

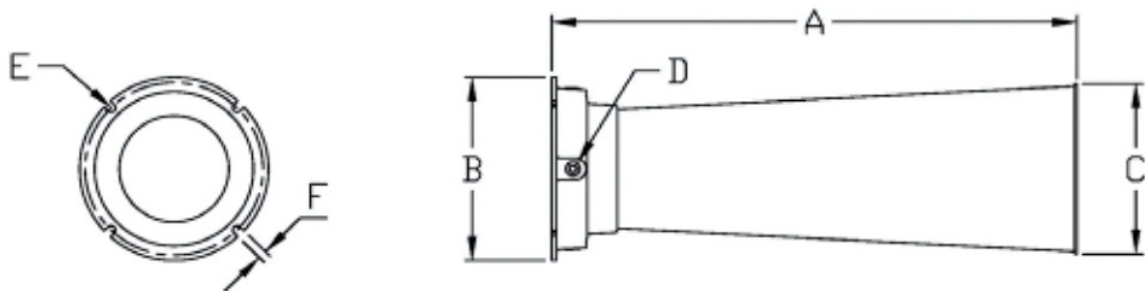
The necessary procedures are outlined in the Fanquip installation, operation and maintenance instructions. These should be followed to ensure satisfactory performance and service life.

Venturi Air Movers.



Product specifications.

			Air Flow								
Model No.	Material	Weight (kg)	Air Consumed (l/s)			Free Air Volume (l/s)			Static Pressure (IWC)		
			60 PSIG	80 PSIG	100 PSIG	60 PSIG	80 PSIG	100 PSIG	60 PSIG	80 PSIG	100 PSIG
VE3S	ALU/GAL	3	14	19	24	408	510	569	6	8	9
VE3SP	PLASTIC	2	14	19	24	408	510	569	96	8	9
VE3	ALU/GAL	4	14	19	24	536	619	692	6	8	9
VE3P	PLASTIC	3	14	19	24	536	619	692	6	8	9
VE6	ALU/GAL	10	28	38	47	1210	1425	1747	5	6	7
VE6P	PLASTIC	7	28	38	47	1210	1425	1747	5	6	7
VE8	ALU/GAL	17	52	66	85	1989	2260	2564	4	6	7
VE8P	PLASTIC	11	52	66	85	1989	2260	2564	4	6	7



Product dimensions.

Model No.	Overall Length (mm) (A)	Base Diameter (mm) (B)	Diameter Top of Horn (mm) (C)	Thread (NPT) (in) (D)	Bolt Circle Diameter (mm) (E)	Basic Slot Diameter (mm) (F)
VE3S	426	186	153	1/2	167	11
VE3SP	426	186	153	1/2	167	11
VE3	775	186	178	1/2	167	11
VE3P	775	186	178	1/2	167	11
VE6	1125	286	318	1	267	11
VE6P	1125	286	318	1	267	11
VE8	1169	365	391	1	346	13
VE8P	1169	365	391	1	346	13

*All sizes shown are standard. Subject to change without notice.

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