

Venturi-Style Pneumatic Air Blowers

PNEUMATIC AIR HORNS/EDUCTOR

**Ideal for Exhausting Hazardous Vapors From
Below Ground Locations**



ASI-1000 ASI-1200 ASI-2900 ASI-4100

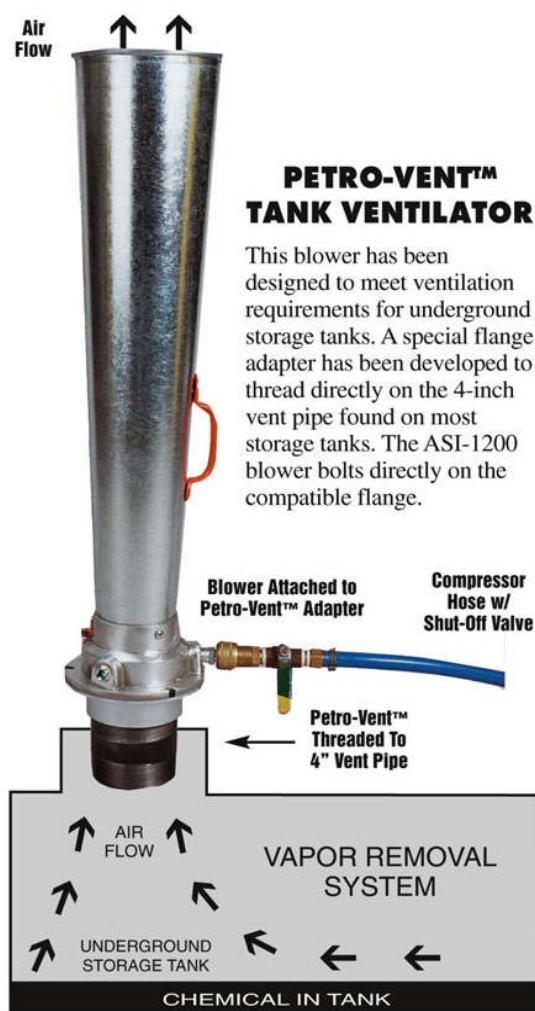


Custom Mounting Adapters Available

**These Blowers Are Often Called "Air Horns" or
Eductors**

Venturi Blower Features

- Used to ventilate explosive and hazardous vapors or fumes safely
 - No moving parts
 - Lightweight cast aluminum base
 - Static grounding lug is standard
- Operates on compressed air or steam
- Galvanized steel horn (replaceable)
 - Operating pressures up to 140psi
- Large models available up to 8000 cfm capacity - consult factory



SPECIFICATIONS

Venturi Blower**			
	50 PSIG	70 PSIG	90 PSIG
Model	Total Air Flow (CFM)	Total Air Flow (CFM)	Total Air Flow (CFM)
ASI-1000	935	1274	1422
ASI-1200	1211	1429	1580
ASI-2900	2770	3340	3752
ASI-4100	3785	4562	5041
Model	Air Consumed (CFM)	Air Consumed (CFM)	Air Consumed (CFM)
ASI-1000	38	53	64
ASI-1200	38	53	64
ASI-2900	76	99	127

ASI-4100	117		152		197		
Model	Overall Length	Diameter of Base	Diameter of Horn	NPT	Bolt Circle	Base Slot	Weight
ASI-1000	16.31"	7.38"	6.19"	1/2"	6.75"	0.31"	5.3 lbs
ASI-1200	32.12"	7.38"	7.37"	1/2"	6.75"	0.31"	8.1 lbs
ASI-2900	44.00"	11.16"	13.00"	1"	10.28"	0.43"	22.1 lbs
ASI-4100	46.50"	14.31"	14.37"	1"	13.18"	0.56"	32.3 lbs

- Revision 1, Testing and Specifications Completed: June 9, 2005
- Testing performed by: Shane Intravatola - Engineering Manager; Dave Angelico - President Air Systems Inc.
- Testing Location: Factory, Chesapeake, Virginia 23320
- Testing Conditions: 81 F, 73% R.H., Barometric Pressure of 30.19 inches
- Delivery Air Generated by an Atlas Copco 375cfm Compressor
- Air Pressure Regulated by a Wilkerson Regulator with pre-filter and gauge
- Inline 400 cfm flow meter installed on delivery air line
- Air flow measurements taken at a standard 12-point air outlet cone configuration
- Air flow measuring device is a Extech Instruments Model 451126 vane style thermo-anemometer

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