

Technical Data Sheet

Venturi Blower



"Read and follow the Blastline Venturi Blower operations manual carefully for safe operation"



Description

For moving air in refineries, power and utility facilities, shipyards, paper and pulp mills, the marine and steel industries, and manhole operations, venturi blowers are the ideal answer. Anywhere that fumes from process towers, tanks, big pipes, or tight spaces could be explosive, toxic, or dangerous needs to be evacuated. Workers or heavy machinery can be cooled in high temperatures. Our selection of lightweight, high-performance Venturi Blowers contributes to the creation of a safe and healthy work environment, which enhances productivity and efficiency. Smoke, gases, hot air, and welding fumes can all be readily and rapidly eliminated.

Applications

- Petroleum processing
- Refineries
- Power plants
- Steel industry
- Shipyards
- Marine industry
- Manhole operation

Features

- Used to ventilate explosive and hazardous vapors or fumes safely.
- Can be used as blower or exhauster.
- No moving parts.
- Lightweight cast aluminum base.
- Static grounding lug is standard.
- Operates on compressed air or steam.
- Induction ratios upto 40:1.
- Accepts flexible duct on diffuser end.
- Operating efficiency depends on compressed air volume and pressure.

Specifications

Model	Overall Length	Diameter Base	Diameter Top of Horn	NPT Size	Bolt Circle Diameter	Base Slot Diameter	Inside Diameter of Base top
BL-1200	30.75"	7.125"	7.375"	½"	6.75"	0.4"	4" NB
BL-2900	44.25"	11.5"	12.0"	1"	10.75"	0.4"	6" NB
BL-4100	45.75"	17.25"	14.25"	1¼"	16.375"	0.75"	10" NB

Blower Specification

Inlet Pressure

	40 PSIG	60 PSIG	80 PSIG
Model	Total Air Flow	Total Air Flow	Total Air Flow
BL-1200	1017 CFM	1231 CFM	1462 CFM
BL-2900	2385 CFM	2885 CFM	3347 CFM
BL-4100	3142 CFM	4152 CFM	4929 CFM
Model	Air Consumed	Air Consumed	Air Consumed
BL-1200	35 SCFM	45 SCFM	62 CFM
BL-2900	73 SCFM	98 SCFM	124 CFM
BL-4100	114 SCFM	152 SCFM	193 CFM