

Technical Data Sheet

Venturi Blower



Note: Read and follow the Blastline Blast Machine Operations Manual and provide proper training for all users of the machine and related accessories in order to achieve a safe and effective blasting 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, large pipes, or confined spaces could be explosive, toxic, or hazardous 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.

Features

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

Applications

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

Specifications

Model	Overall length	Diameter Base	Diameter Horn Top	NPT Size	Bolt Circle Diameter	Base slot Diameter	The inside Diameter of the Base top
BL-1200	30.75"	7.13"	7.38"	½"	6.75"	0.40"	4" NB
BL-2900	44.25"	11.50"	12.00"	1"	10.75"	0.40"	6" NB
BL-3100	45.75"	14.25"	14.00"	1"	13.50"	18.00"	8" NB
BL-4100	48.00"	17.25"	16.00"	1 ¼"	16.375"	0.75"	10" NB

Blower Specification

Inlet Pressure- Total Air Flow			
Model	40 psig	60 psig	80 psig
BL-1200	1017 cfm	1231 cfm	1462 cfm
BL-2900	2385 cfm	2885 cfm	3347 cfm
BL-3100	3152 cfm	4152 cfm	4929 cfm
BL-4100	4898 cfm	6182 cfm	7304 cfm
Inlet Pressure- Air Consumption			
Model	40 psig	60 psig	80 psig
BL-1200	35 cfm	45 cfm	62 cfm
BL-2900	73 cfm	98 cfm	124 cfm
BL-3100	114 cfm	152 cfm	193 cfm
BL-4100	154 cfm	209 cfm	274 cfm