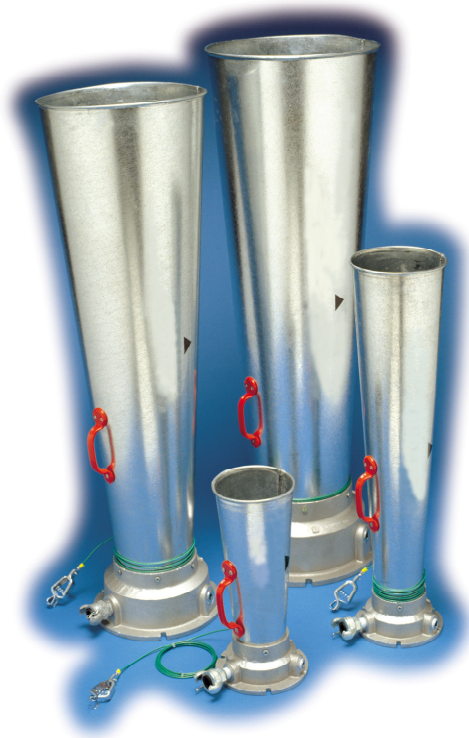


# A-Series

Venturi Blowers



**AIRBLAST**



Airblast Venturi Air Blowers are a perfect solution for ventilating or extracting hazardous and explosive vapors from tanks, as well as a variety of other functions. Additionally, it can be used to cool down machinery or workers. Its function is to take high pressure air volume (from a compressor), creating a Venturi action, which results in the inhalation of large volumes of air through base. Maximum air pressure: 140 PSI.

### **Construction:**

- Constructed with galvanized steel
- Single piece cast aluminum inlet housing
- Sturdy steel galvanized steel diffuser
- Static ground attached to base of unit
- Steel handle
- Quick coupling inlet connection
- Multiple inlet ports

### **Applications:**

- Petroleum processing
- Refineries and chemical
- Power plants
- Steel industry
- Shipyards
- Marine industry
- Manhole operation
- etc.

<b>AIR FLOW</b>						
	AIR CONSUMED (CFM)			TOTAL AIR FLOW (CFM)		
<b>Model</b>	<b>60 PSIG</b>	<b>80 PSIG</b>	<b>100 PSIG</b>	<b>60 PSIG</b>	<b>80 PSIG</b>	<b>100 PSIG</b>
A-1000	31	41	51	863	1076	1205
A-1200	31	41	51	1135	1308	1465
A-2900	60	81	101	2560	3020	3698
A-4100	108	142	178	4215	4810	5435
A-6200	189	252	380	6182	7304	8220

<b>DIMENSIONS</b>						
<b>Model</b>	<b>Overall Length (mm)</b>	<b>Diameter of Base (mm)</b>	<b>Diameter Top of Horn (mm)</b>	<b>Inlet Size (inch)</b>	<b>Bolt Circle Diameter (mm)</b>	<b>Net Weight (kgs.)</b>
A-1000	426	186	153	1/2	167	2,5
A-1200	775	186	178	1/2	167	4
A-2900	1124	286	318	1	267	10
A-4100	1170	365	362	1	346	17
A-6200	1220	432	400	1	394	20

## **SAFETY PRECAUTIONS**

An electric ground or static ground is attached to the base of all air blowers. Any time you are using this air blower in a volatile atmosphere, attach a ground wire to discharge any static electricity, preventing a build-up of static electricity.

Airblast pneumatic air blowers have no moving parts and are ideal for venting hazardous areas. The bases are made from a high quality aluminium alloy. Aluminium scraped across rusty steel can sometimes cause a smear. A heavy smear of aluminium on steel (being struck with some object) can cause an incendiary spark. Take precautions not to drag the base on steel tanks, etc.

While there are no moving parts to the air blowers, all of the performance ratings in this brochure are based on a unit that had a clean air reservoir and nozzle jets that are of the proper diameter and not plugged up in any way. Care should be taken to prevent clogging of the nozzle jets and a periodic cleaning with a steam cleaner would be appropriate maintenance. Secure the air blower in place prior to turning on the air supply or it will tend to move from its intended position.