

Gas Blowers

Akash Blowers also offers an extensive range of standard air blower packages for a wide variety of applications and industries. The main applications are water and sewage treatment and pneumatic conveying. AKASH air blower packages include all the standard accessories such as silencers, filters, valves, drives and acoustic enclosures, as required.



- Akash Blowers manufacture a standard range of cast iron air blowers.
- The range covers capacities to 6931 cfm (11749 m³/h).
- These blowers are designed and built to provide reliable, long life, oil free operation at a competitive price and can be supplied as bareshaft for OEMs or as complete packages.

Standard Air Blower Packages

GAS Blowers based on Positive Displacement Rotary principle have been specially developed for pumping of gas. These are generally used in gas lines to boost the biogas pressure to meet the burner input demand. Special blowers, capable of handling different gas requirements. for inflammable and toxic gases, leak tightness is ensured. Basic designs are modified, depending upon the nature of gas to be handled and customer's requirements. These are vertical/horizontal flow types in construction so as to prevent any accumulation of corrosive matter inside the casing. Since they operate in closed-loop, suction and discharge silencers are generally not required, Special materials of construction, lubrication, and sealing arrangements make them ideal choices for Biogas Boosting applications. Provision for a vacuum switch is provided at the inlet of the blower, so that in case the biogas generation falls below the pumping speed of the blower, the blower trips and this prevents vacuum overloading. Similarly provision for a pressure switch is provided on the discharge line to safeguard the blower against excessive discharge pressures. Water jet injection cooling can also be provided to keep the gas temperatures low.

Features

- 100% oil free air/gas delivery
- Alloy steel hardened and ground timing gears, oil splash lubricated
- Factory engineered, Factory guaranteed, superior product
- Improved volumetric efficiency and reduced operating temperatures
- Anti-friction bearings
- Rotary Oil Sealing
- Easy rotor timing setting
- No vanes, valves, or rings to wear