



Gas Boosters and Air Blowers

These centrifugal gas boosters and air blowers are of robust construction and designed to run continuously under full load conditions handling a wide variety of gases or air. The shaft is sealed to isolate the bearings when boosting natural, landfill or biogas. Machines have a cast iron bearing housing, with aluminium volute casing and stainless steel anti-surge impeller.

Boosters can be supplied bareshaft, as a basic unit with baseplate and motor, or as a package with mechanical and electrical protection equipment fitted and wired, to comply with IGE/UP/2 and/or customers bespoke requirements.

All options are available as multiple sets for standby or assist operation, and packaged with approved controls.

Compliant to : IGE / UP / 2
ATEX DIRECTIVE
MACHINERY DIRECTIVE
BSEN 8487 : 2007

Model U2000

Air Blowers:

Aeration
Burners

Gas Boosters:

Burners
Gas Engines
Waste Gas Burners

Ancillary Equipment:

- Pressure switches
- Isolating valves
- Flexible connectors
- Non-return valves
- Acoustic/weatherproof enclosures
- Motors and ancillaries for zoned areas
- Control panel, Inverter control
- Filter silencer for blowers/exhausters



Materials of Construction

- Bearing Housing :** Cast Iron
- Volute Casing :** Aluminium
- Impeller :** Welded Stainless Steel
- Shaft :** Stainless Steel
- Seals :** Radial Lip Seal & Mechanical Seal

Outlet Orientations



LO Discharge



L90 Discharge



L180 Discharge



R0 Discharge



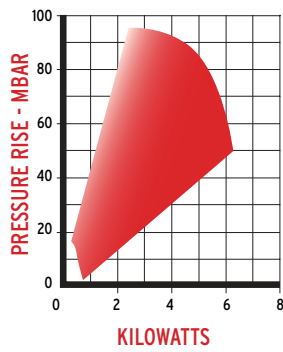
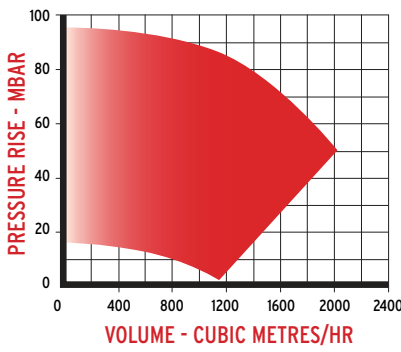
R90 Discharge



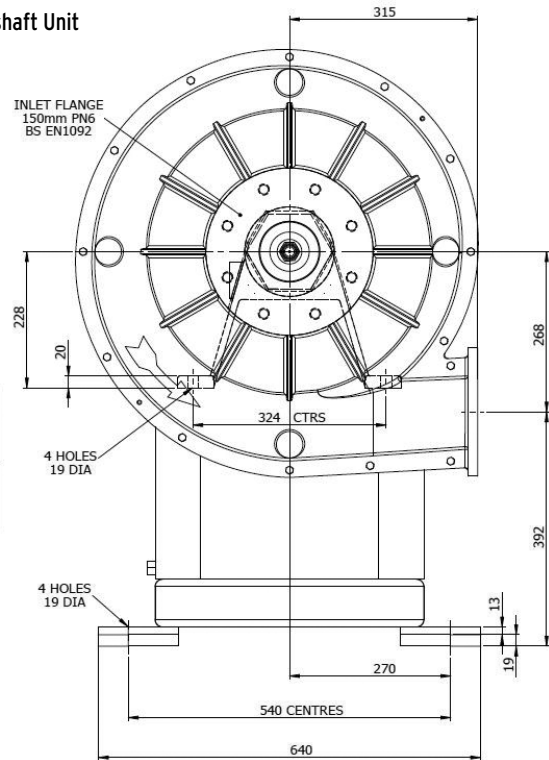
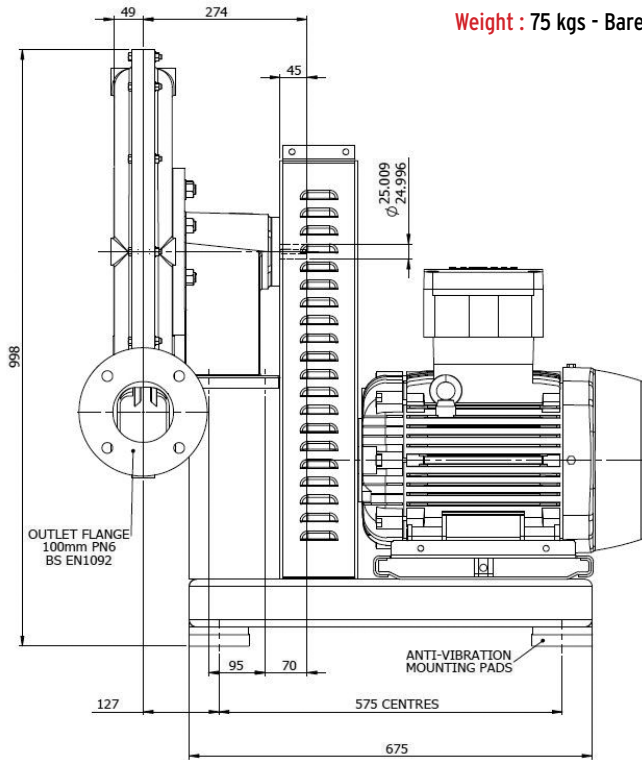
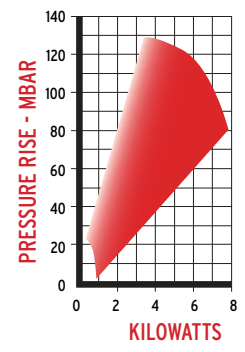
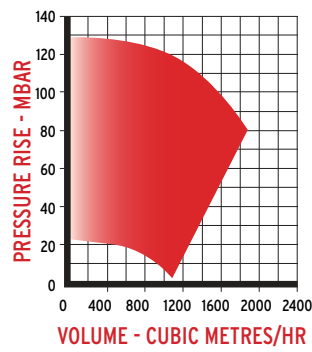
R180 Discharge

Dimensions & Performances

MODEL U2000 (NAT GAS SG=0.6)



MODEL U2000 (BIO GAS SG=0.8)



Whilst the details contained in this leaflet are representative of the machines, the actual products may differ from the illustrations due to improvements in design or change in specification. Certified drawings and performance curves will be supplied on request.