

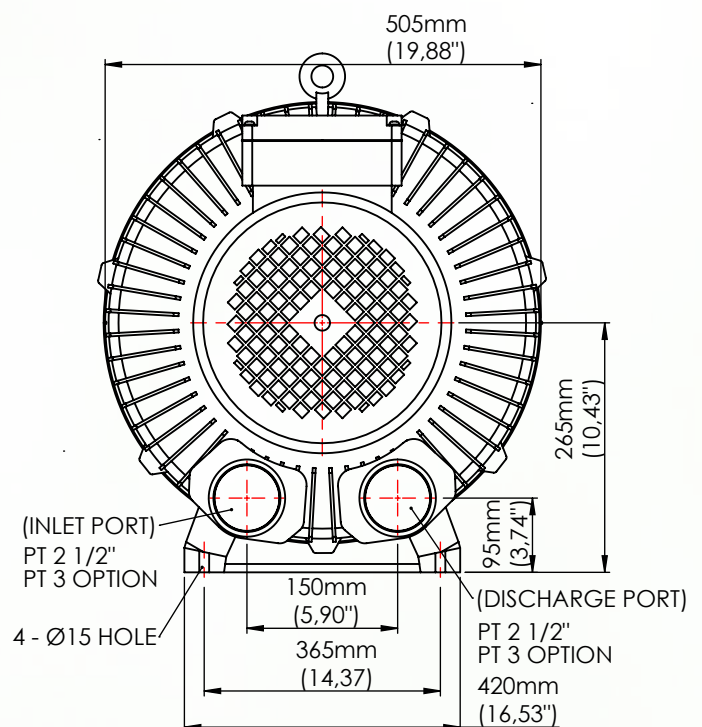
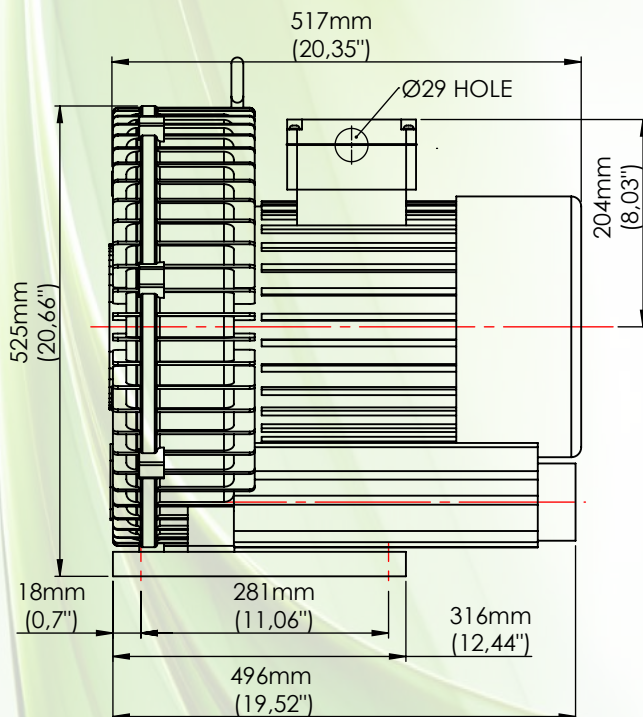


PB-800

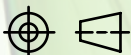
Three Phase



RING BLOWER VACUUM & PRESSURE

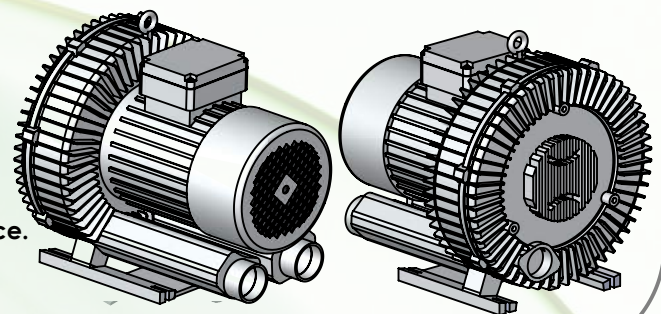


Third Angle



* The allowable tolerance of dimension is $\pm 5\text{mm}$

*The dimension can be changed for improvement without notice.



Advantages

- * Low noise 78dB
- * Continuous, low-maintenance operation
- * Saves space and electricity
- * Trouble-free installation
- * Easy replacement of parts
- * Outboard bearings yielding longer life
- * Dual voltage 220/460

Product Options

- * 2 1/2" Relief Valve (recommended)
- * Inlet Filter (recommended)
- * Check Valve (recommended)
- * Silencer (recommended)
- * Liquid filled gauge (recommended)
- * Enclosed motor starter (recommended)
- * Filter motor gauge (recommended)
- * Belt-driven bare shaft blowers are available upon request (Special Order)
- * Explosion proof motors available upon request (Special Order)

[Class 2/Groups E,F,G/Division 1 Certified]

Single Stage Regenerative Blowers / 3 Phase (220 / 440 V) - 60 Hz

| Phase | Motor (HP) | Motor (Kw) | Current (A) 220 / 380 / 440V | Flow (cfm) | Flow (m3/min) | Flow (m3/hr) | Max Pressure (in H2O) | Max Pressure (mmAq) | Max Pressure (psig) | Max Pressure (mbar) | Max Vacuum (in H2O) | Max Vacuum (mmAq) | Max Vacuum (psig) | Max Vacuum (mbar) | Sound Level (dB/A) | Weight (lbs.) | Weight (Kg) | Diameter (INLET/OUTLET) inch |
|-------|------------|------------|---------------------------------|------------|---------------|--------------|-----------------------|---------------------|---------------------|---------------------|---------------------|-------------------|-------------------|-------------------|--------------------|---------------|-------------|------------------------------|
| 3 | 8,4 | 6,30 | 31.2 / 18.0 / 15.6 | 353 | 10,0 | 600 | 118 | 3000 | 4,2 | 294 | 122 | 3100 | 4,4 | 304 | 78 | 309 | 140 | 2 1/2 |

Single Stage Regenerative Blowers / 3 Phase (220 / 440 V) - 50 Hz

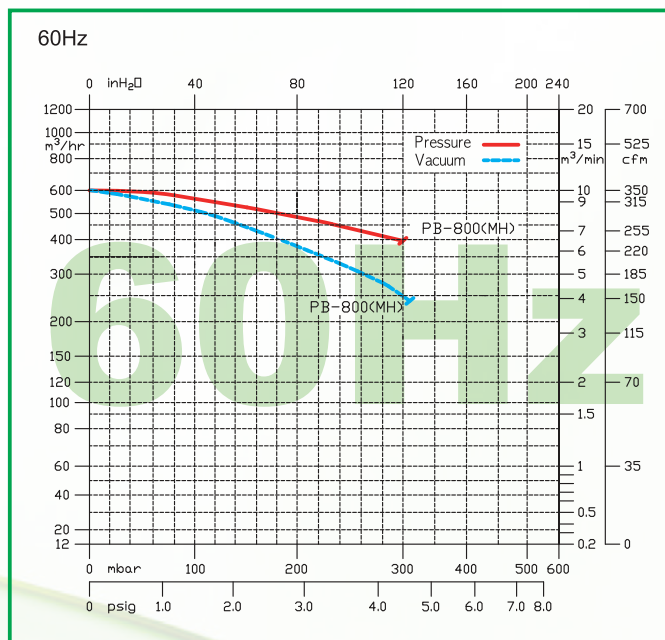
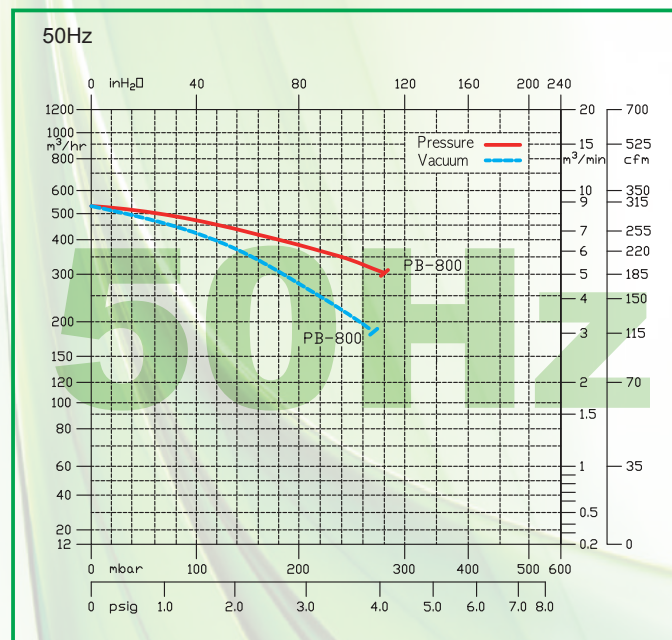
| Phase | Motor (HP) | Motor (Kw) | Current (A) 220 / 380 / 440V | Flow (cfm) | Flow (m3/min) | Flow (m3/hr) | Max Pressure (in H2O) | Max Pressure (mmAq) | Max Pressure (psig) | Max Pressure (mbar) | Max Vacuum (in H2O) | Max Vacuum (mmAq) | Max Vacuum (psig) | Max Vacuum (mbar) | Sound Level (dB/A) | Weight (lbs.) | Weight (Kg) | Diameter (INLET/OUTLET) inch |
|-------|------------|------------|---------------------------------|------------|---------------|--------------|-----------------------|---------------------|---------------------|---------------------|---------------------|-------------------|-------------------|-------------------|--------------------|---------------|-------------|------------------------------|
| 3 | 7,50 | 5,50 | 22.0 / 12.7 / 11.0 | 297 | 8,4 | 504 | 110 | 2800 | 3,98 | 275 | 106 | 2700 | 3,84 | 265 | 78 | 309 | 140 | 2 1/2 |

* The performances above were measured under conditions of air temperature 20°C and atmospheric pressure 1,013 mbar

* The allowable tolerance of the performance value is $\pm 10\%$

* The sound level was measured at a distance of 1.5m with the fully open inlet and outlet ports

PERFORMANCE CURVES



* The continuous operation can be made at a point below the curve, however, the continuous operation nearby the rated pressure point may cause a motor breakdown. In the case of continuous operation close to the rated pressure, it is strongly recommended to use the pressure relief valve.

* The allowable tolerance of the performance value is $\pm 10\%$

All Pacific blowers are available in unassembled kits for either pressure or vacuum applications.
These kits include:

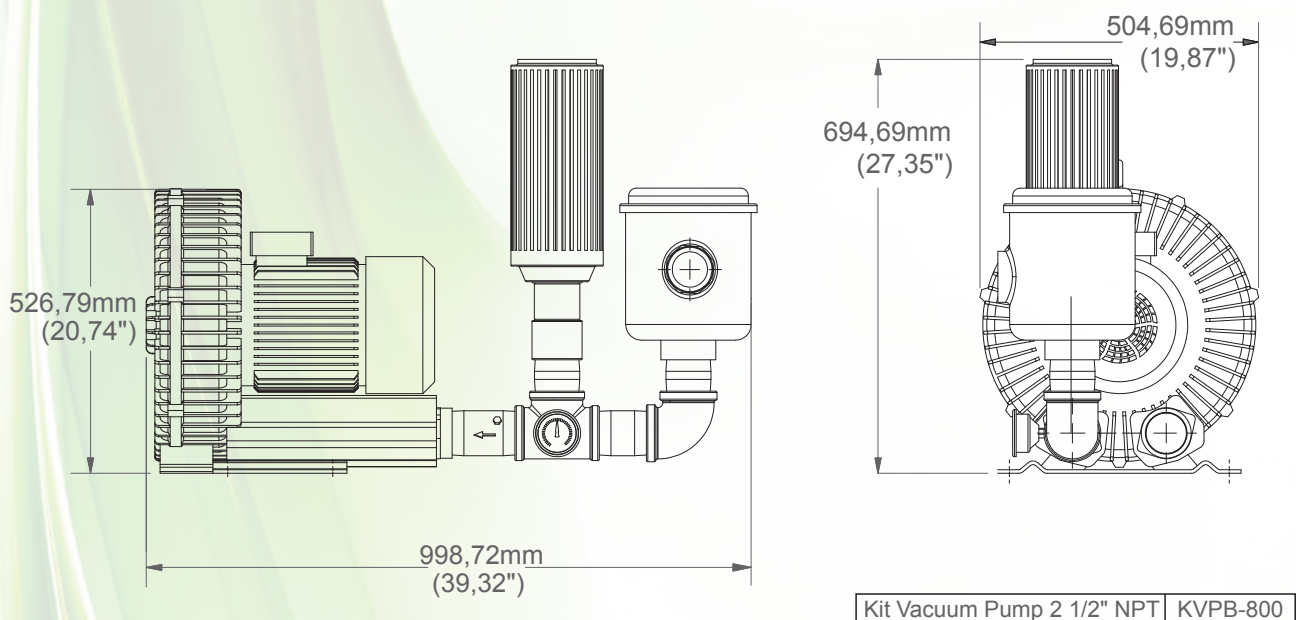
Vacuum

- * Silencer
- * Inlet Filter
- * Relief Valve
- * Vacuum Gauge
- * Flow Meter (optional)

Pressure

- * Relief Valve
- * Check Valve
- * Pressure Gauge
- * Inlet Filter
- * Flow Meter (optional)
- * Silencer (optional)

KVPB-800 - Vacuum Kit Drawing



KPPB-800 - Pressure Kit Drawing

