



**PACIFIC
BLOWERS**



Technical Specification

50Hz

Single Stage Regenerative Blowers / 1 Phase (110 / 230 V)

| MODEL PHASE | | MOTOR | | CURRENT | MAX. AIR FLOW | | | MAX. PRESSURE | | | | MAX VACUUM | | | | S. LEVEL | WEIGHT NET | | DIAMETER | CURVE |
|-------------|-------|------------|------------|-------------------------|---------------|---------------|--------------|-----------------------|---------------------|---------------------|---------------------|---------------------|-------------------|-------------------|-------------------|--------------------|---------------|-------------|------------------------------|----------|
| Model (HRB) | Phase | Motor (HP) | Motor (Kw) | Current (A) 110 / 220 V | 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 | Curve N° |
| PB-101 | 1 | 0.40 | 0.33 | 6.8 / 3.4 | 46 | 1.3 | 78 | 39 | 1000 | 1.42 | 98 | 39 | 1000 | 1.42 | 98 | 64 | 31 | 14 | 1 1/4 | |
| PB-201 | 1 | 0.85 | 0.63 | 10.4 / 5.2 | 81 | 2.3 | 138 | 47 | 1200 | 1.7 | 118 | 47 | 1200 | 1.7 | 118 | 66 | 45 | 20 | 1 1/2 | |
| PB-301 | 1 | 1.50 | 1.10 | 23.0 / 11.5 | 113 | 3.2 | 192 | 71 | 1800 | 2.56 | 177 | 63 | 1600 | 2.27 | 157 | 75 | 73 | 33 | 2 | |
| PB-401 | 1 | 2.50 | 1.83 | 24.0 / 12.0 | 113 | 3.2 | 192 | 87 | 2200 | 3.12 | 216 | 71 | 1800 | 2.56 | 177 | 75 | 78 | 35 | 2 | |
| PB-501 | 1 | 2.50 | 1.83 | 32.0 / 16.0 | 177 | 5.0 | 300 | 83 | 2100 | 2.98 | 206 | 79 | 2000 | 2.84 | 196 | 76 | 86 | 39 | 2 | |

Single Stage Regenerative Blowers / 3 Phase (220 / 460 V)

| MODEL PHASE | | MOTOR | | CURRENT | MAX. AIR FLOW | | | MAX. PRESSURE | | | | MAX VACUUM | | | | S. LEVEL | WEIGHT NET | | DIAMETER | CURVE |
|-------------|-------|------------|------------|------------------------------|---------------|---------------|--------------|-----------------------|---------------------|---------------------|---------------------|---------------------|-------------------|-------------------|-------------------|--------------------|---------------|-------------|------------------------------|----------|
| Model (HRB) | 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 | Curve N° |
| PB-100 | 3 | 0.50 | 0.40 | 2.5 / 1.45 / 1.2 | 46 | 1.3 | 78 | 47 | 1200 | 1.7 | 118 | 39 | 1000 | 1.42 | 98 | 64 | 26 | 11.5 | 1 1/4 | |
| PB-200 | 3 | 1.00 | 0.75 | 4.0 / 2.3 / 2.0 | 81 | 2.3 | 138 | 51 | 1300 | 1.84 | 127 | 47 | 1200 | 1.7 | 118 | 66 | 40 | 18 | 1 1/2 | |
| PB-300 | 3 | 2.00 | 1.50 | 7.0 / 4.0 / 3.5 | 120 | 3.4 | 204 | 79 | 2000 | 2.84 | 196 | 67 | 1700 | 2.41 | 167 | 75 | 64 | 29 | 2 | |
| PB-400 | 3 | 3.00 | 2.20 | 10.4 / 6.0 / 5.2 | 120 | 3.4 | 204 | 106 | 2700 | 3.84 | 265 | 87 | 2200 | 3.12 | 216 | 75 | 73 | 33 | 2 | |
| PB-500 | 3 | 3.00 | 2.20 | 13.0 / 7.5 / 6.5 | 177 | 5.0 | 300 | 87 | 2200 | 3.12 | 216 | 91 | 2300 | 3.27 | 226 | 76 | 84 | 38 | 2 | |
| PB-600 | 3 | 4.00 | 3.00 | 13.5 / 7.8 / 6.7 | 177 | 5.0 | 300 | 110 | 2800 | 3.98 | 275 | 102 | 2600 | 3.69 | 255 | 76 | 93 | 42 | 2 | |
| PB-700 | 3 | 5.30 | 4.00 | 16.6 / 9.6 / 8.3 | 177 | 5.0 | 300 | 130 | 3300 | 4.69 | 324 | 126 | 3200 | 4.55 | 314 | 76 | 102 | 46 | 2 | |
| PB-750 | 3 | 5.30 | 4.00 | 14.3 / 8.3 / 7.1 | 300 | 8.5 | 510 | 79 | 2000 | 2.84 | 196 | 79 | 2000 | 2.84 | 196 | 78 | 203 | 92 | 2 1/2 | |
| PB-800 | 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 | |
| PB-900 | 3 | 10.00 | 7.50 | 29.0 / 16.7 / 14.5 | 297 | 8.4 | 504 | 157 | 4000 | 5.68 | 392 | 118 | 3000 | 4.26 | 294 | 78 | 331 | 150 | 2 1/2 | |
| PB-1000 | 3 | 15.00 | 11.00 | 40.0 / 23.1 / 20.0 | 297 | 8.4 | 504 | 173 | 4400 | 6.25 | 431 | 138 | 3500 | 4.97 | 343 | 78 | 419 | 190 | 2 1/2 | |
| PB-1100 | 3 | 15.00 | 11.00 | 40.0 / 23.1 / 20.0 | 600 | 17.0 | 1020 | 67 | 1700 | 2.41 | 167 | 71 | 1800 | 2.56 | 177 | 82 | 574 | 260 | 4 | |
| PB-1200 | 3 | 17.50 | 13.00 | 54.0 / 31.2 / 27.0 | 600 | 17.0 | 1020 | 106 | 2700 | 3.84 | 265 | 98 | 2500 | 3.55 | 245 | 82 | 574 | 260 | 4 | |
| PB-1300 | 3 | 24.70 | 18.50 | 65.0 / 37.5 / 32.5 | 600 | 17.0 | 1020 | 169 | 4300 | 6.11 | 422 | 142 | 3600 | 5.12 | 353 | 82 | 607 | 275 | 4 | |



Technical Specification

50Hz

Double Stage Regenerative Blowers / 1 Phase (110 / 220 V)

| MODEL PHASE | | MOTOR | | CURRENT | MAX. AIR FLOW | | | MAX. PRESSURE | | | | MAX VACUUM | | | | S. LEVEL | WEIGHT NET | | DIAMETER | CURVE |
|-------------|-------|------------|------------|-------------------------|---------------|---------------|--------------|-----------------------|---------------------|---------------------|---------------------|---------------------|-------------------|-------------------|-------------------|--------------------|---------------|-------------|------------------------------|----------|
| Model (HRB) | Phase | Motor (HP) | Motor (Kw) | Current (A) 110 / 220 V | 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 | Curve N° |
| PB-102/1 | 1 | 0.40 | 0.33 | 7.2 / 3.6 | 49 | 1.4 | 84 | 47 | 1200 | 1.7 | 118 | 39 | 1000 | 1.42 | 98 | 68 | 40 | 18 | 1 1/4 | |
| PB-202/1 | 1 | 0.85 | 0.63 | 8.8 / 4.4 | 49 | 1.4 | 84 | 83 | 2100 | 2.98 | 206 | 67 | 1700 | 2.41 | 167 | 68 | 44 | 20 | 1 1/4 | |
| PB-302/1 | 1 | 1.20 | 0.90 | 9.6 / 4.8 | 49 | 1.4 | 84 | 83 | 2100 | 2.98 | 206 | 79 | 2000 | 2.84 | 196 | 68 | 50 | 23 | 1 1/4 | |
| PB-402/1 | 1 | 2.50 | 1.83 | 25.6 / 12.8 | 88 | 2.5 | 150 | 138 | 3500 | 4.97 | 343 | 98 | 2500 | 3.55 | 245 | 75 | 85 | 39 | 1 1/2 | |

Double Stage Regenerative Blowers / 3 Phase (220 / 460 V)

| MODEL PHASE | | MOTOR | | CURRENT | MAX. AIR FLOW | | | MAX. PRESSURE | | | | MAX VACUUM | | | | S. LEVEL | WEIGHT NET | | DIAMETER | CURVE |
|-------------|-------|------------|------------|------------------------------|---------------|---------------|--------------|-----------------------|---------------------|---------------------|---------------------|---------------------|-------------------|-------------------|-------------------|--------------------|---------------|-------------|------------------------------|----------|
| Model (HRB) | 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 | Curve N° |
| PB-102 | 3 | 0.50 | 0.40 | 2.4 / 1.4 / 1.2 | 49 | 1.4 | 84 | 47 | 1200 | 1.7 | 118 | 39 | 1000 | 1.42 | 98 | 68 | 34 | 15 | 1 1/4 | |
| PB-202 | 3 | 1.00 | 0.75 | 4.0 / 2.3 / 2.0 | 49 | 1.4 | 84 | 79 | 2000 | 2.84 | 196 | 59 | 1500 | 2.13 | 147 | 68 | 40 | 18 | 1 1/4 | |
| PB-302 | 3 | 1.50 | 1.10 | 4.8 / 2.8 / 2.4 | 49 | 1.4 | 84 | 106 | 2700 | 3.84 | 265 | 79 | 2000 | 2.84 | 196 | 68 | 45 | 20 | 1 1/4 | |
| PB-402 | 3 | 3.00 | 2.20 | 9.5 / 5.6 / 4.7 | 88 | 2.5 | 150 | 138 | 3500 | 4.97 | 343 | 102 | 2600 | 3.69 | 255 | 75 | 84 | 38 | 1 1/2 | |
| PB-502 | 3 | 3.00 | 2.20 | 10.4 / 6.0 / 5.2 | 120 | 3.4 | 204 | 106 | 2700 | 3.84 | 265 | 87 | 2200 | 3.12 | 216 | 78 | 93 | 42 | 2 | |
| PB-602 | 3 | 4.00 | 3.00 | 14.0 / 8.1 / 7.0 | 120 | 3.4 | 204 | 150 | 3800 | 5.4 | 373 | 130 | 3300 | 4.69 | 324 | 78 | 102 | 46 | 2 | |
| PB-702 | 3 | 5.30 | 4.00 | 16.5 / 9.5 / 8.2 | 120 | 3.4 | 204 | 177 | 4500 | 6.4 | 441 | 146 | 3700 | 5.26 | 363 | 78 | 108 | 49 | 2 | |
| PB-802 | 3 | 5.30 | 4.00 | 17.0 / 9.8 / 8.5 | 184 | 5.2 | 312 | 138 | 3500 | 4.97 | 343 | 118 | 3000 | 4.26 | 294 | 80 | 126 | 57 | 2 | |
| PB-902 | 3 | 7.50 | 5.50 | 22.0 / 12.7 / 11.0 | 184 | 5.2 | 312 | 197 | 5000 | 7.11 | 490 | 157 | 4000 | 5.68 | 392 | 80 | 179 | 81 | 2 | |
| PB-1002 | 3 | 10.00 | 7.50 | 31.2 / 18.0 / 15.6 | 184 | 5.2 | 312 | 217 | 5500 | 7.82 | 539 | 169 | 4300 | 6.11 | 422 | 80 | 230 | 104 | 2 | |
| PB-1102 | 3 | 15.00 | 11.00 | 40.0 / 23.1 / 20.0 | 283 | 8.0 | 480 | 217 | 5500 | 7.82 | 539 | 157 | 4000 | 5.68 | 392 | 82 | 530 | 240 | 2 1/2 | |
| PB-1202 | 3 | 20.00 | 15.00 | 54.0 / 31.2 / 27.0 | 283 | 8.0 | 480 | 276 | 7000 | 9.95 | 686 | 177 | 4500 | 6.4 | 441 | 82 | 552 | 250 | 2 1/2 | |
| PB-1302 | 3 | 17.50 | 13.00 | 54.0 / 31.2 / 27.0 | 618 | 17.5 | 1050 | 87 | 2200 | 3.12 | 216 | 98 | 2500 | 3.55 | 245 | 88 | 728 | 330 | 4 | |
| PB-1402 | 3 | 20.70 | 15.50 | 65.5 / 37.5 / 32.7 | 618 | 17.5 | 1050 | 118 | 3000 | 4.26 | 294 | 118 | 3000 | 4.26 | 294 | 88 | 761 | 345 | 4 | |
| PB-1502 | 3 | 29.30 | 22.00 | 76.0 / 43.9 / 38.0 | 618 | 17.5 | 1050 | 189 | 4800 | 6.82 | 471 | 177 | 4500 | 6.4 | 441 | 88 | 783 | 355 | 4 | |
| PB-1503 | 3 | 20.70 | 15.00 | 50.0 / 28.8 / 25.0 | 1165 | 33.0 | 1980 | 51 | 1300 | 1.84 | 127 | 59 | 1500 | 2.13 | 147 | 88 | 849 | 385 | 5 | |
| PB-1603 | 3 | 24.70 | 18.50 | 65.0 / 37.5 / 32.5 | 1165 | 33.0 | 1980 | 79 | 2000 | 2.84 | 196 | 94 | 2400 | 3.41 | 235 | 88 | 882 | 400 | 5 | |
| PB-1703 | 3 | 33.50 | 25.00 | 75.0 / 43.3 / 37.5 | 1165 | 33.0 | 1980 | 102 | 2600 | 3.69 | 255 | 110 | 2800 | 3.98 | 275 | 88 | 904 | 410 | 5 | |

The electric motors used in these blowers are AC motor equipped with self-cooling fans and rated as "F" class with IP54 protection. The above specifications may be changed without notice for improved product performance.