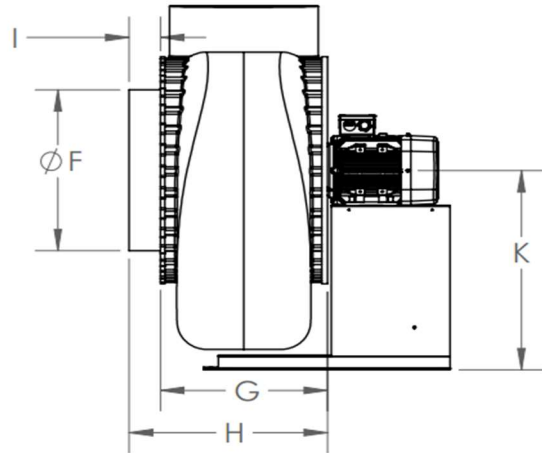
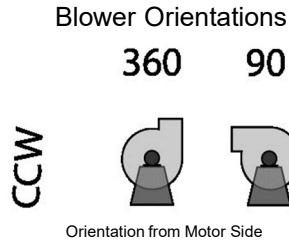
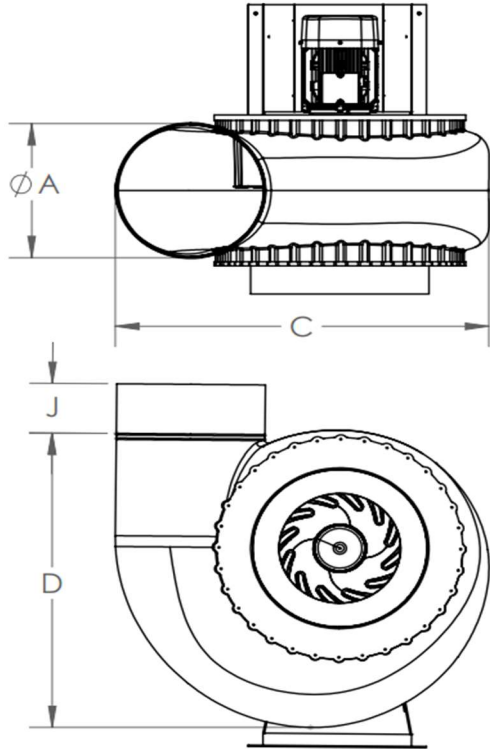




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Mechanical Data

| | ØA (OD) | C | D | ØF (OD) | G | H | I | J |
|----|---------|-------|-------|---------|------|-------|------|------|
| in | 19.65 | 49.48 | 42.99 | 23.58 | 22.1 | 26.25 | 4.13 | 7.27 |
| mm | 500 | 1259 | 1094 | 600 | 563 | 668 | 105 | 185 |

Motor Height (K)

| | 5.5 Hp | 10 Hp |
|----|--------|-------|
| in | 29.13 | 29.13 |
| mm | 741 | 741 |

| | |
|---------------------------|--|
| Project Name | |
| Date | |
| Engineer/Sales Rep | |
| Client | |
| Contractor | |

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Model Numbers

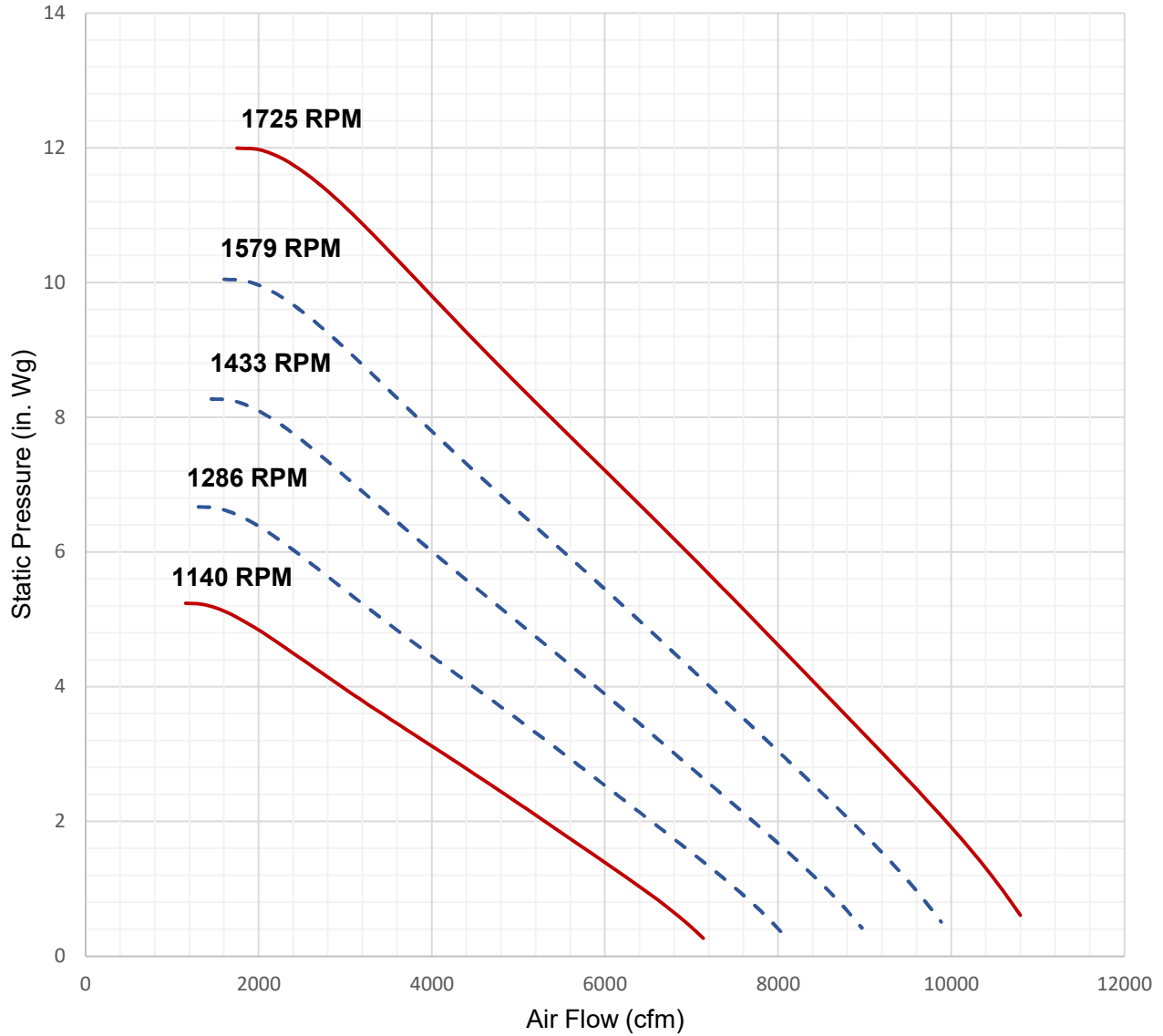
| Model Number | Max. Flow (cfm) | Min. Flow (cfm) | Max. Static (in. Wg) | Min. Static (in. Wg) | Phase | Power (hp) | RPM | Voltage (V) | FLA | Weight (lb) |
|--------------|-----------------|-----------------|----------------------|----------------------|-------------|------------|------|-------------|-----------------|-------------|
| P50XT4P1000 | 10800 | 800 | 12 | 0.3 | Three Phase | 10 | 1760 | 208-230/460 | 26.3-23.9/12.00 | 256.7 |
| P50XT6P550 | 7000 | 800 | 5.7 | 0.3 | Three Phase | 5.5 | 1170 | 208-230/460 | 15.9-14.8/7.38 | 255.2 |

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Performance Curve



— Standard RPM - - - Frequency Variation

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Acoustic Data

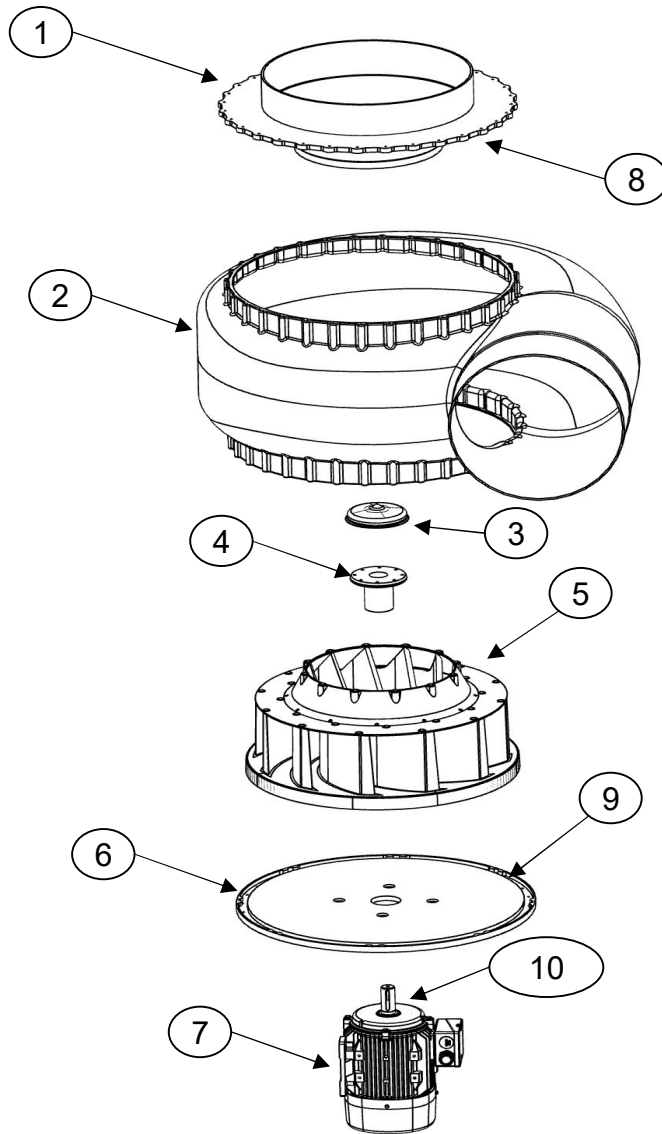
| | | Qv | Ps | Octave Band (Hz) | | | | | | | | Lw | Lw(A) | Lp(A) |
|----------|----------|-------|--------|------------------|------|------|------|------|------|------|------|------|-------|-------|
| | | (cfm) | (inwg) | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | dB | dB(A) | dB(A) |
| 1725 RPM | Inlet 1 | 10405 | 1.16 | 90.2 | 88.3 | 87.8 | 84.5 | 85.1 | 74.8 | 68.6 | 62.2 | 100 | 92.7 | 90.6 |
| | Inlet 2 | 8339 | 3.91 | 89.9 | 86.9 | 86.7 | 84.4 | 83.0 | 72.1 | 68.1 | 62.6 | 99.6 | 91.5 | 89.4 |
| | Inlet 3 | 5560 | 7.36 | 90.5 | 86.7 | 86.1 | 81.4 | 82.5 | 72.1 | 66.1 | 60.4 | 99.3 | 91.1 | 89.0 |
| | Inlet 4 | 3452 | 9.97 | 91.1 | 89.7 | 86.9 | 80.6 | 79.9 | 76.5 | 67.2 | 61.6 | 101 | 91.0 | 89.0 |
| | Outlet 1 | 10405 | 1.16 | 99.5 | 96.7 | 93 | 93.0 | 89.1 | 82.3 | 75.3 | 70.6 | 106 | 99.3 | 97.3 |
| | Outlet 2 | 8339 | 3.91 | 97.9 | 93.9 | 90.5 | 90.5 | 84.6 | 78.0 | 71.4 | 66.1 | 103 | 96.2 | 94.1 |
| | Outlet 3 | 5560 | 7.36 | 99.3 | 92.8 | 89.1 | 87.6 | 80.5 | 74.1 | 69.0 | 64.2 | 103 | 93.2 | 91.2 |
| | Outlet 4 | 3452 | 9.97 | 100.6 | 95.1 | 93 | 86.6 | 79.1 | 73.6 | 68.0 | 63.8 | 106 | 96.7 | 94.7 |
| 1140 RPM | Inlet 1 | 6876 | 0.51 | 81.2 | 79.3 | 78.8 | 75.5 | 76.1 | 65.8 | 59.6 | 53.2 | 91.2 | 83.7 | 81.6 |
| | Inlet 2 | 5511 | 1.71 | 80.9 | 77.9 | 77.7 | 75.4 | 74.0 | 63.1 | 59.1 | 53.6 | 90.7 | 82.5 | 80.4 |
| | Inlet 3 | 3675 | 3.21 | 81.5 | 77.7 | 77.1 | 72.4 | 73.5 | 63.1 | 57.1 | 51.4 | 90.3 | 82.1 | 80.0 |
| | Inlet 4 | 2281 | 4.36 | 82.1 | 80.7 | 78 | 71.7 | 70.9 | 67.5 | 58.2 | 52.6 | 92.3 | 82.0 | 80.0 |
| | Outlet 1 | 6876 | 0.51 | 90.5 | 87.7 | 84 | 84.0 | 80.1 | 73.3 | 66.3 | 61.6 | 96.7 | 90.3 | 88.3 |
| | Outlet 2 | 5511 | 1.71 | 88.9 | 84.9 | 81.5 | 81.5 | 75.6 | 69.0 | 62.4 | 57.1 | 94.5 | 87.2 | 85.1 |
| | Outlet 3 | 3675 | 3.21 | 90.3 | 83.8 | 80.1 | 78.6 | 71.5 | 65.1 | 60.0 | 55.2 | 93.9 | 84.2 | 82.2 |
| | Outlet 4 | 2281 | 4.36 | 91.6 | 86.1 | 84 | 77.6 | 70.1 | 64.6 | 59.1 | 54.9 | 96.9 | 87.7 | 85.7 |

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Expanded View



| | |
|----|------------------|
| 1 | Inlet Flange |
| 2 | Housing |
| 3 | Hub Cap |
| 4 | Hub |
| 5 | Impeller |
| 6 | Motor Plate |
| 7 | Motor |
| 8 | Inlet Gasket |
| 9 | Motor Plate Seal |
| 10 | Shaft Key |

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