M.C Tech
Motors

# AC FANS

2020

CE CQC

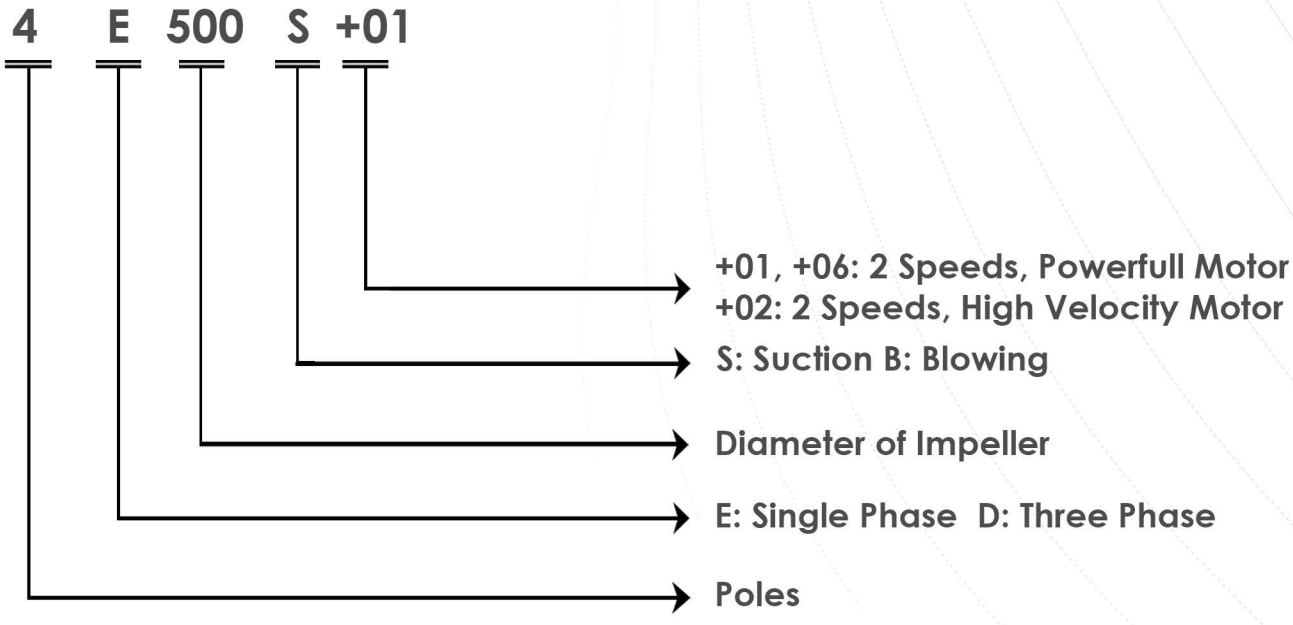
רחוב הסתת 16, חולון | טל': 03 -5583303 | פקס: 03- 5583808 | orshy@orshy.co.il | www.orshy.co.il

# AC Fans

## Features

Standard motors with Class F, Thermal Protection and IP54 Rating
AC Single-Phase 230v ± 10% or Three-Phase 400v ± 10% and 50Hz or 60Hz
Several Speeds, Runs with both frequencies and Voltage Transformation, Speed Changing Active
Wide Cover of Applications – Refrigeration and Ventilation fields such as duct fans and roofing fans
High Pressure, Stable Airflow, Low Noise Levels, Energy Saving
Upon request Insulation Classes are available among B and H
The average lifetime of service is over 25,000 hours
All motors are with CCC certificate CE approval
Same motors can be supplied from Stainless Steel and special protective coating

## Nomenclature



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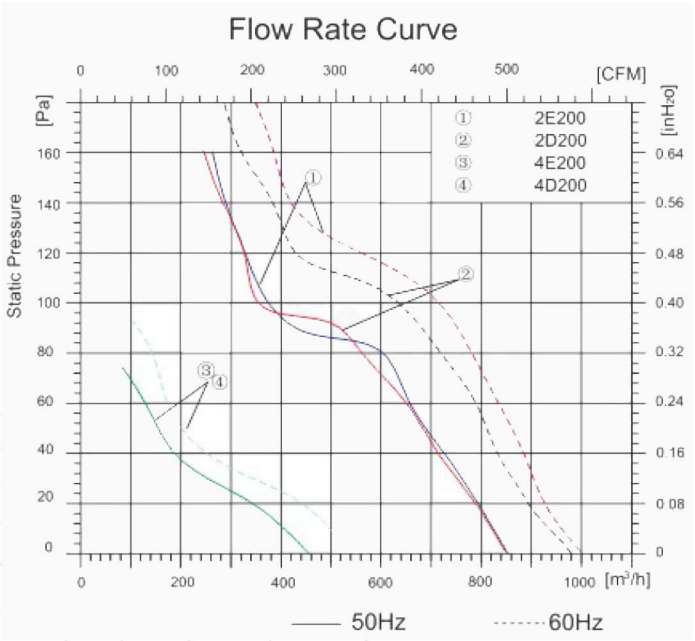
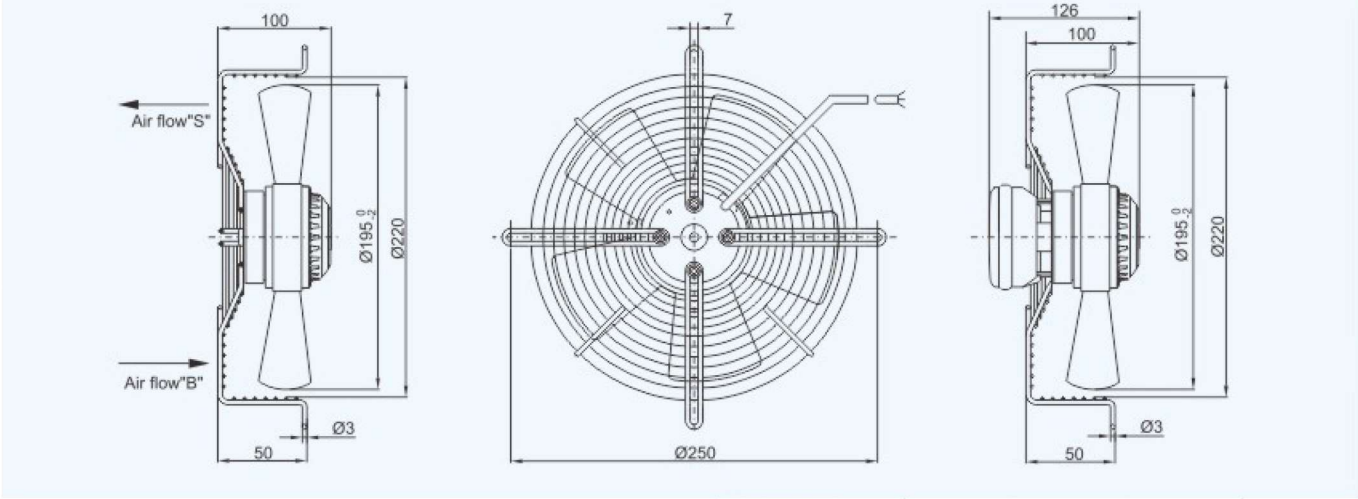
# 2E200 / 2D200 / 4E200 / 4D200




| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ① | 20 | 50/60 | 70/75 | 0.35/0.33 |
| | 80 | 50/60 | 73/81 | 0.36/0.35 |
| ② | 20 | 50/60 | 61/73 | 0.12/0.12 |
| | 80 | 50/60 | 64/79 | 0.13/0.13 |

| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ③ | 10 | 50/60 | 23/25 | 0.11/0.12 |
| | 40 | 50/60 | 24/25 | 0.11/0.13 |
| ④ | 10 | 50/60 | 47/37 | 0.15/0.12 |
| | 40 | 50/60 | 47/38 | 0.15/0.12 |




Technical Parameter

| Model | Voltage (VAC) | Frequency (Hz) | Input Power (W) | Current (A) | Air Volume ($m^3/h$) | Speed (r/min) | Capacitor ( μF) | Noise [dB(A)] | Max Environmental Temperature (℃) | Weight (Kg) |
|---|---|---|---|---|---|---|---|---|---|---|
| 2E200 | 230 | 50/60 | 80/95 | 0.35/0.42 | 870/1000 | 2700/3200 | 2 | 60/65 | 65 | 1.9 |
| 2D200 | 380 | 50/60 | 70/90 | 0.16 | 870/1000 | 2650/3000 | / | 60/64 | 75 | 1.9 |
| 4E200 | 230 | 50/60 | 29/38 | 0.12/0.17 | 450/560 | 1460/1650 | 1 | 48/51 | 75 | 1.9 |
| 4D200 | 380 | 50/60 | 50/90 | 0.12 | 450/530 | 1450/1750 | / | 48/53 | 60 | 1.9 |

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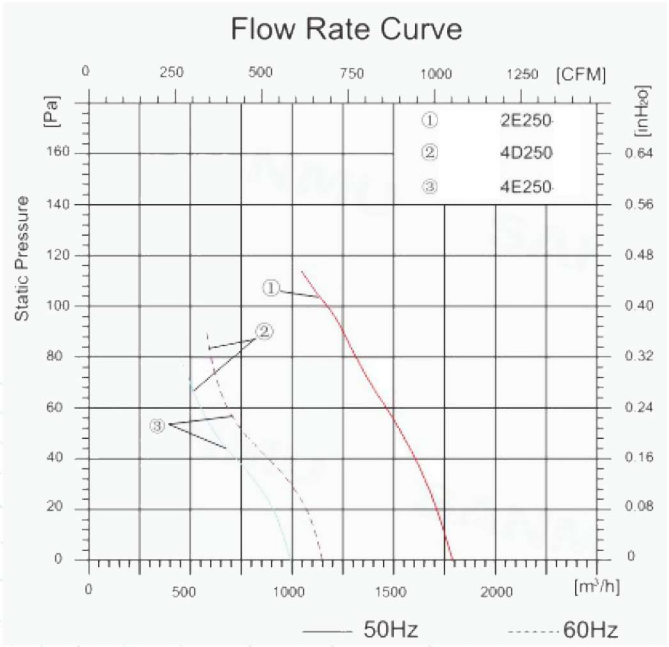
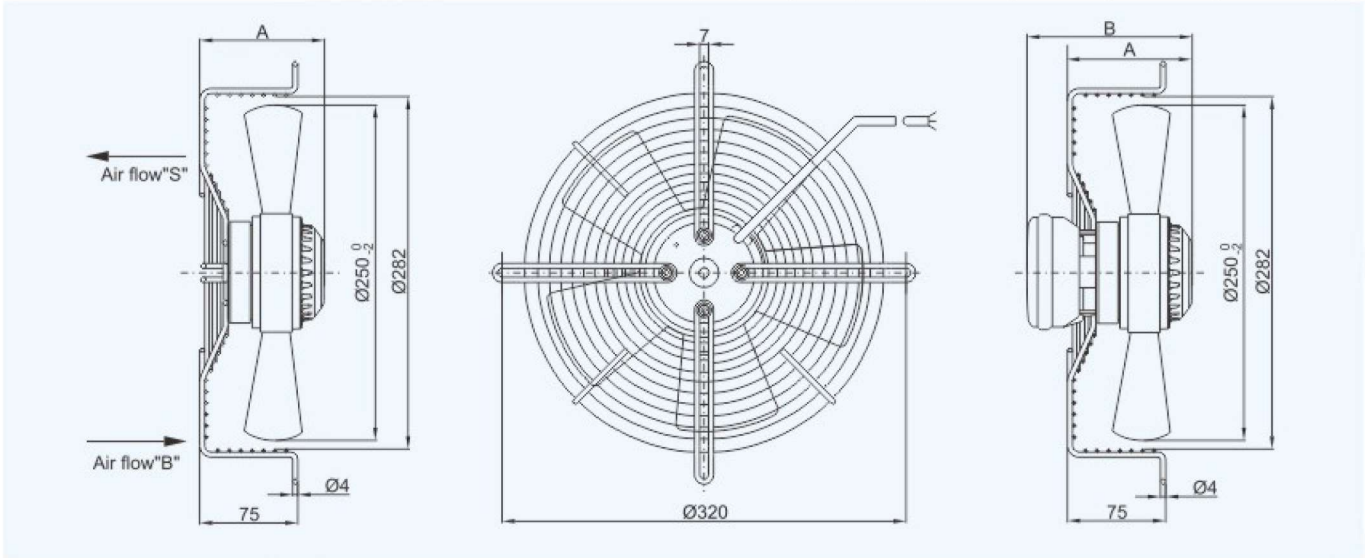
# 2E250 / 4D250 / 4E250




| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ① | 40 | 50 | 178 | 0.76 |
| | 90 | 50 | 185 | 0 81 |

| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ② | 20 | 50/60 | 35/41 | 0.11/0.13 |
| | 50 | 50/60 | 38/45 | 0.11/0.13 |
| ③ | 20 | 50/60 | 34/48 | 0.16/0.23 |
| | 50 | 50/60 | 36/50 | 0.17/0.24 |




Technical Parameter

| Model | Voltage (VAC) | Frequency (Hz) | Input Power (W) | Current (A) | Air Volume (m³/h) | Speed (r/min) | Capacitor ( μF) | Noise [dB(A)] | Max Environmental Temperature (℃) | Weight (Kg) | A | B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2E250 | 230 | 50 | 180 | 0.78 | 1800 | 2500 | 4 | 68 | 65 | 3 0 | 102 | 134 |
| 4E250 | 230 | 50/60 | 50/65 | 0.22/0.29 | 1000/1150 | 1380/1530 | 1.5 | 50/55 | 75 | 2.5 | 94 | 126 |
| 4D250 | 380 | 50/60 | 60/70 | 0.13/0.15 | 1000/1150 | 1350/1550 | / | 50/55 | 75 | 2.7 | 94 | 126 |

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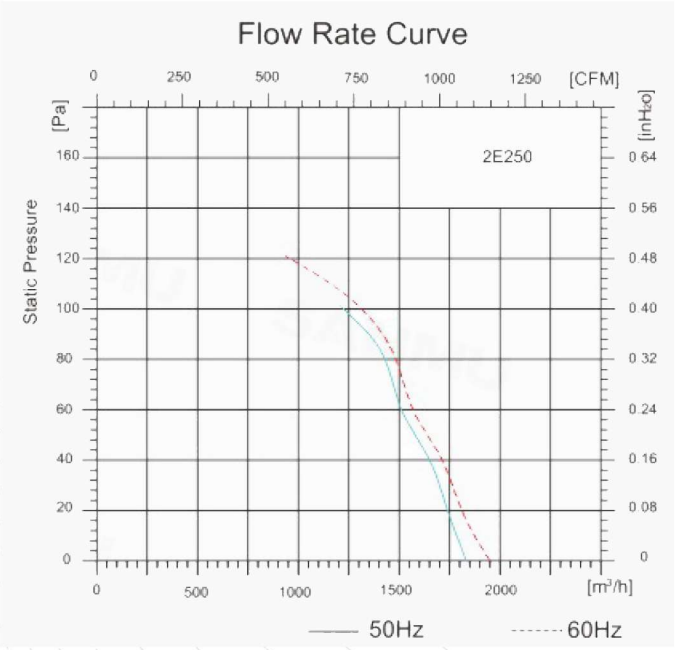
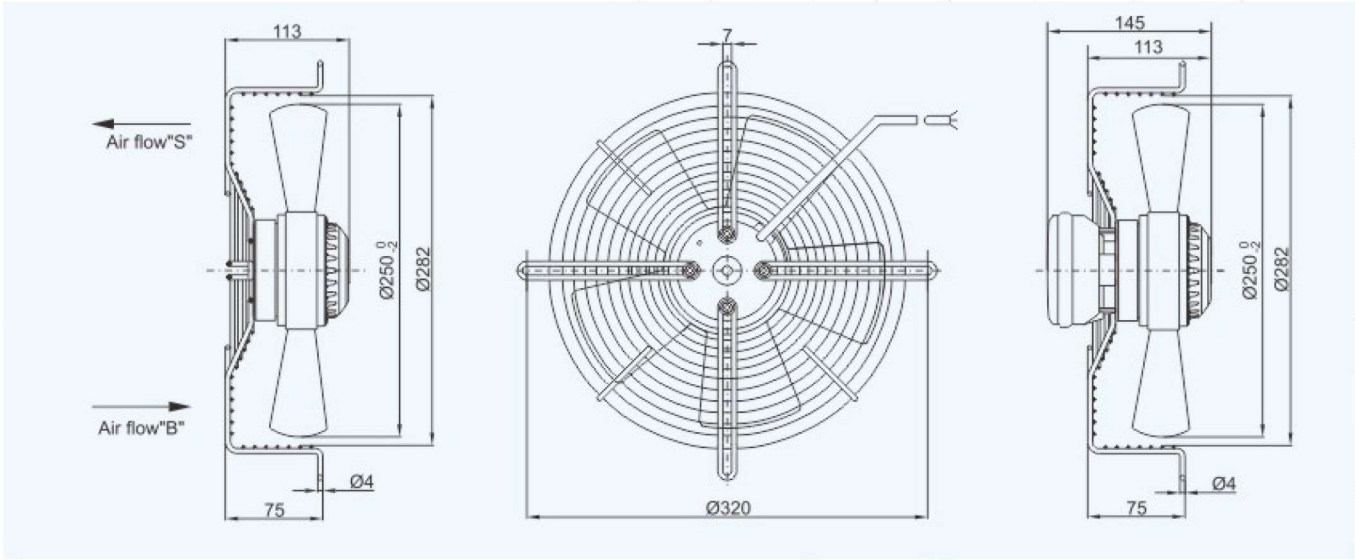
# 2E250



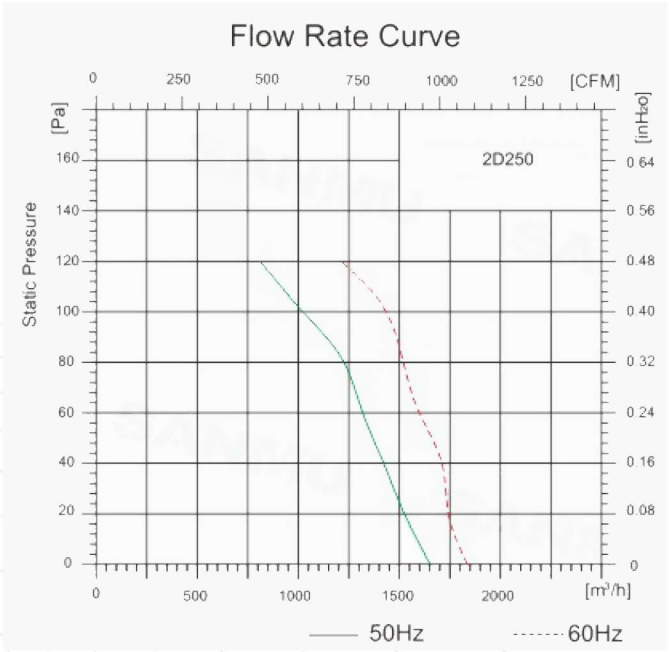

| Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|
| 20 | 50 | 142 | 0.62 |
| 90 | 50 | 150 | 0.65 |
| 20 | 60 | 182 | 0.82 |
| 90 | 60 | 190 | 0.84 |



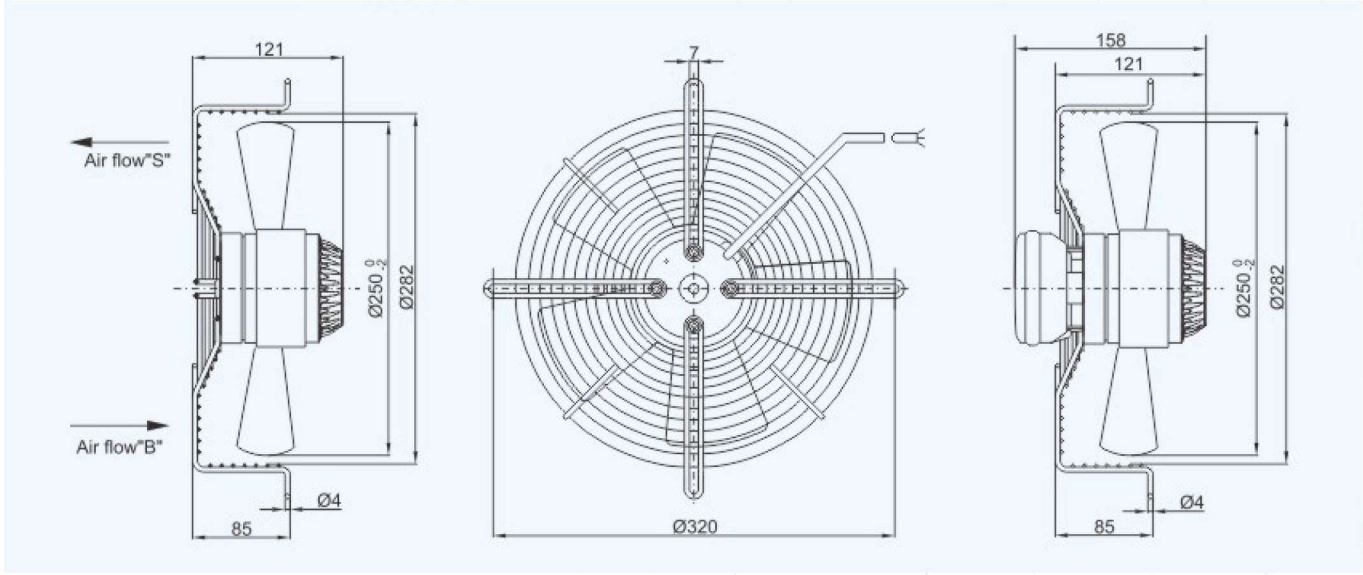

Technical Parameter

| Model | Voltage (VAC) | Frequency (Hz) | Input Power (W) | Current (A) | Air Volume ($m^3/h$) | Speed (r/min) | Capacitor ( μF) | Noise [dB(A)] | Max Environmental Temperature (℃) | Weight (Kg) |
|---|---|---|---|---|---|---|---|---|---|---|
| 2E250 | 230 | 50/60 | 150/185 | 0.66/0.84 | 1700/1900 | 2500/2600 | 6 | 69/70 | 65 | 3.2 |

# 2D250



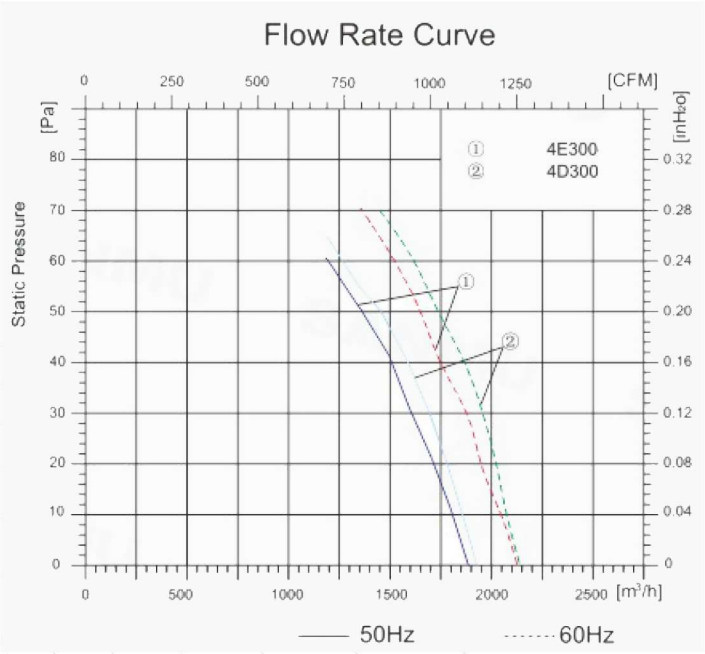

| Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|
| 20 | 50 | 140 | 0.27 |
| 90 | 50 | 152 | 0.28 |
| 20 | 60 | 181 | 0.28 |
| 90 | 60 | 193 | 0.30 |



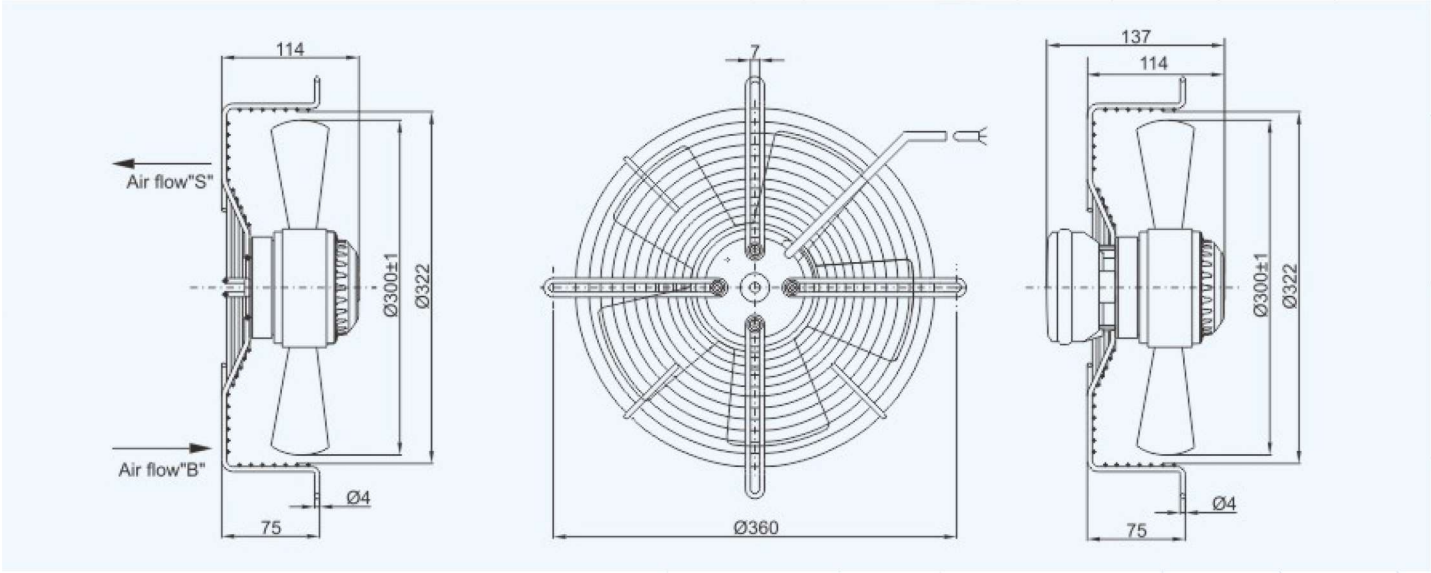

Technical Parameter

| Model | Voltage (VAC) | Frequency (Hz) | Input Power (W) | Current (A) | Air Volume ($m^3/h$) | Speed (r/min) | Capacitor (μF) | Noise [dB(A)] | Max Environmental Temperature (℃) | Weight (Kg) |
|---|---|---|---|---|---|---|---|---|---|---|
| 2D250 | 380 | 50/60 | 160/200 | 0.30/0.31 | 1650/1900 | 2750/3100 | / | 70/72 | 65 | 3.4 |

# 4E300 / 4D300




| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ① | 10 | 50/60 | 76/107 | 0.34/0.48 |
| | 70 | 50/60 | 90/115 | 0.38/0.48 |
| ② | 10 | 50/60 | 89/106 | 0.21/0.2 |
| | 70 | 50/60 | 98/123 | 0.27/0.25 |




Technical Parameter

| Model | Voltage (VAC) | Frequency (Hz) | Input Power (W) | Current (A) | Air Volume ($m^3/h$) | Speed (r/min) | Capacitor ( μF) | Noise [dB(A)] | Max Environmental Temperature (℃) | Weight (Kg) |
|---|---|---|---|---|---|---|---|---|---|---|
| 4E300 | 230 | 50/60 | 90/115 | 0.38/0.48 | 1900/2100 | 1370/1500 | 3 | 55/60 | 65 | 3.2 |
| 4D300 | 380 | 50/60 | 95/120 | 0.26/0.24 | 1950/2150 | 1400/1600 | / | 55/60 | 65 | 4 |

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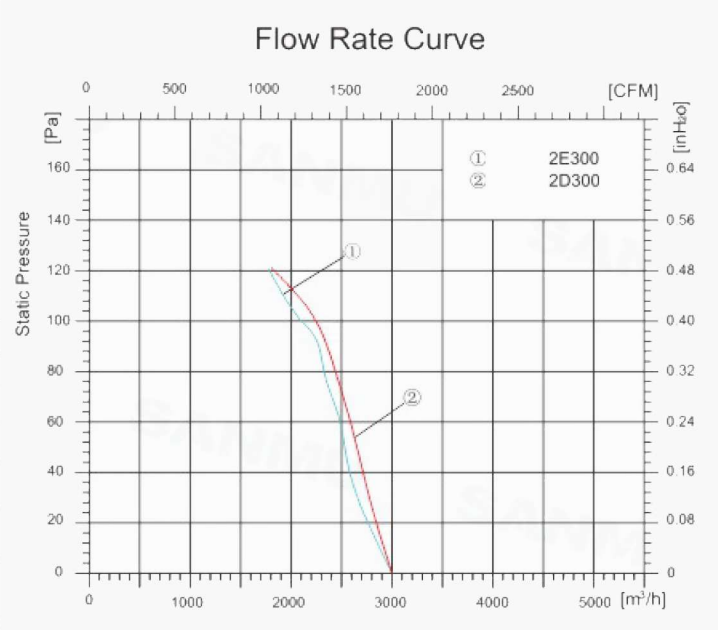
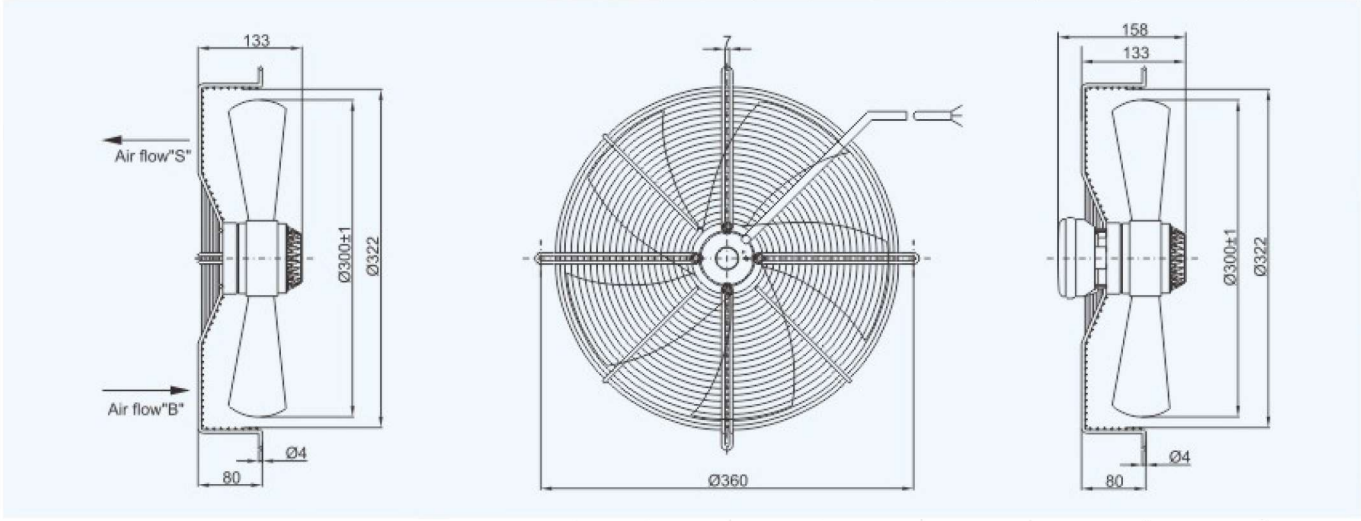
# 2E300 / 2D300



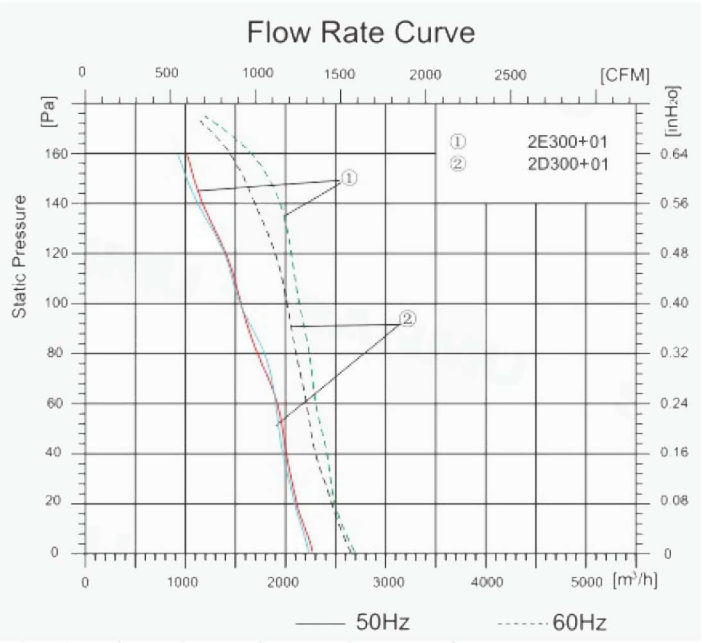

| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ① | 20 | 50 | 218 | 0.97 |
| | 140 | 50 | 263 | 1.15 |
| ② | 20 | 50 | 208 | 0.37 |
| | 120 | 50 | 246 | 0.41 |




Technical Parameter

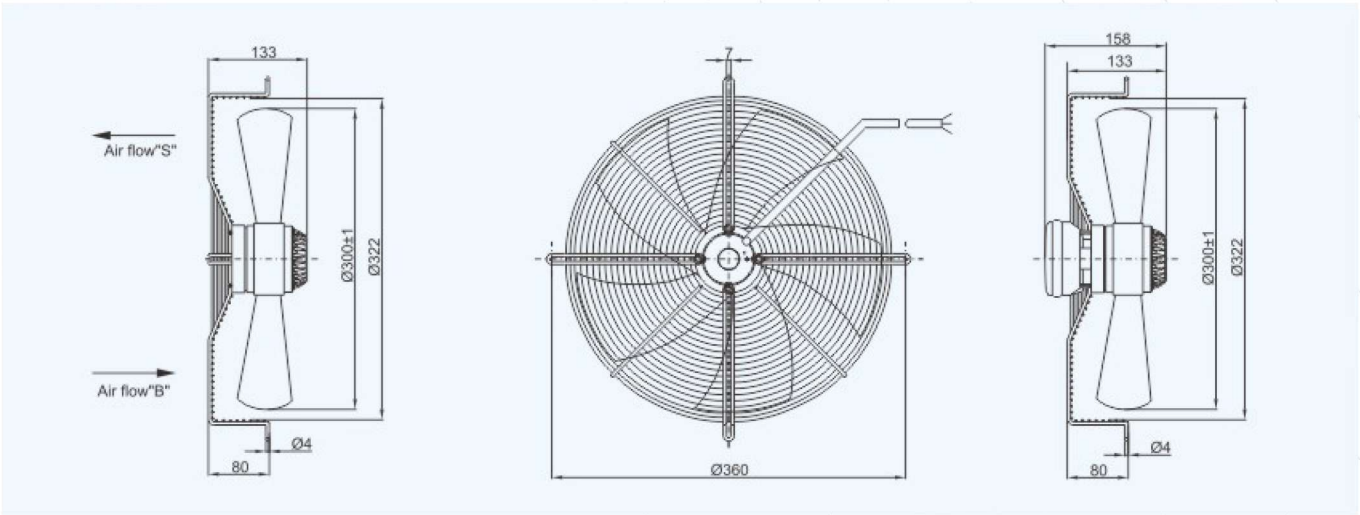
| Model | Voltage (VAC) | Frequency (Hz) | Input Power (W) | Current (A) | Air Volume ($m^3/h$) | Speed (r/min) | Capacitor ( μF) | Noise [dB(A)] | Max Environmental Temperature (℃) | Weight (Kg) |
|---|---|---|---|---|---|---|---|---|---|---|
| 2E300 | 230 | 50 | 250 | 1.1 | 3000 | 2530 | 6 | 70 | 65 | 4.7 |
| 2D300 | 380 | 50 | 250 | 0.45 | 3000 | 2500 | / | 72 | 65 | 4.7 |

# 2E300+01 / 2D300+01




| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ① | 20 | 50 | 190 | 0.85 |
| | 140 | 50 | 225 | 0.97 |
| ① | 20 | 60 | 220 | 1.0 |
| | 120 | 60 | 270 | 1.2 |

| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ② | 20 | 50 | 130 | 025 |
| | 140 | 50 | 180 | 0.31 |
| ② | 20 | 60 | 175 | 0.28 |
| | 160 | 60 | 250 | 0.40 |




Technical Parameter

| Model | Voltage (VAC) | Frequency (Hz) | Input Power (W) | Current (A) | Air Volume ($m^3/h$) | Speed (r/min) | Capacitor (μF) | Noise [dB(A)] | Max Environmental Temperature (℃) | Weight (Kg) |
|---|---|---|---|---|---|---|---|---|---|---|
| 2E300+01 | 230 | 50/60 | 200/270 | 0.9/1.2 | 2300/2700 | 2750/3140 | 6 | 72/75 | 65 | 4.7 |
| 2D300+01 | 380 | 50/60 | 200/250 | 0.33/0.40 | 2250/2600 | 2600/2900 | / | 70/73 | 65 | 4.7 |

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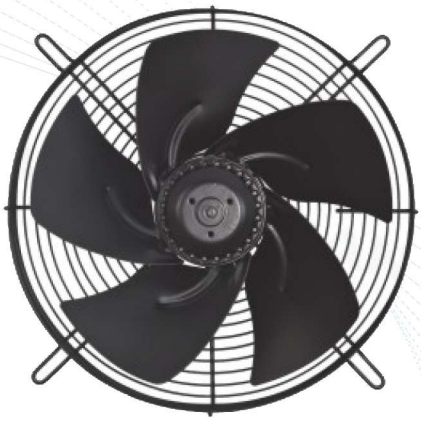
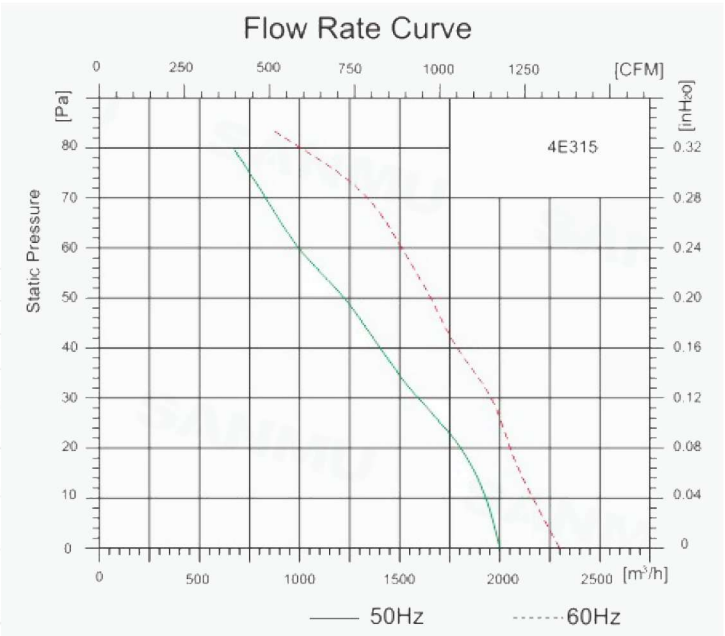
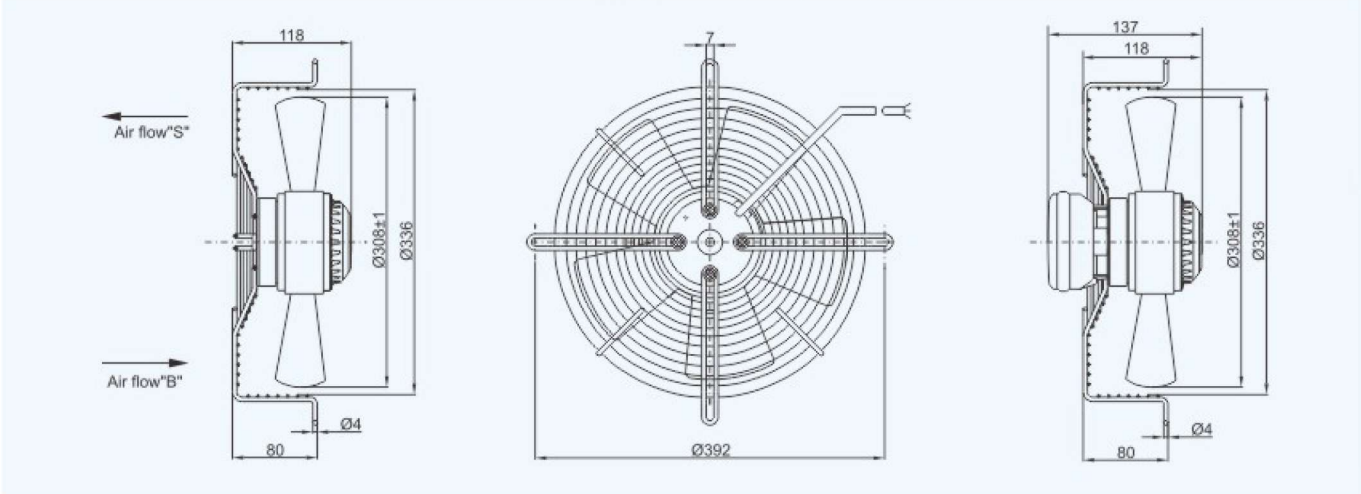
# 4E315






| Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|
| 20 | 50 | 102 | 0.45 |
| 60 | 50 | 109 | 0.48 |
| 20 | 60 | 120 | 0.57 |
| 70 | 60 | 130 | 0.60 |




Technical Parameter

| Model | Voltage (VAC) | Frequency (Hz) | Input Power (W) | Current (A) | Air Volume ($m^3/h$) | Speed (r/min) | Capacitor ( μF) | Noise [dB(A)] | Max Environmental Temperature (℃) | Weight (Kg) |
|---|---|---|---|---|---|---|---|---|---|---|
| 4E315 | 230 | 50/60 | 100/130 | 0.5/0.6 | 2000/2300 | 1400/1600 | 4 | 60/65 | 65 | 3.3 |

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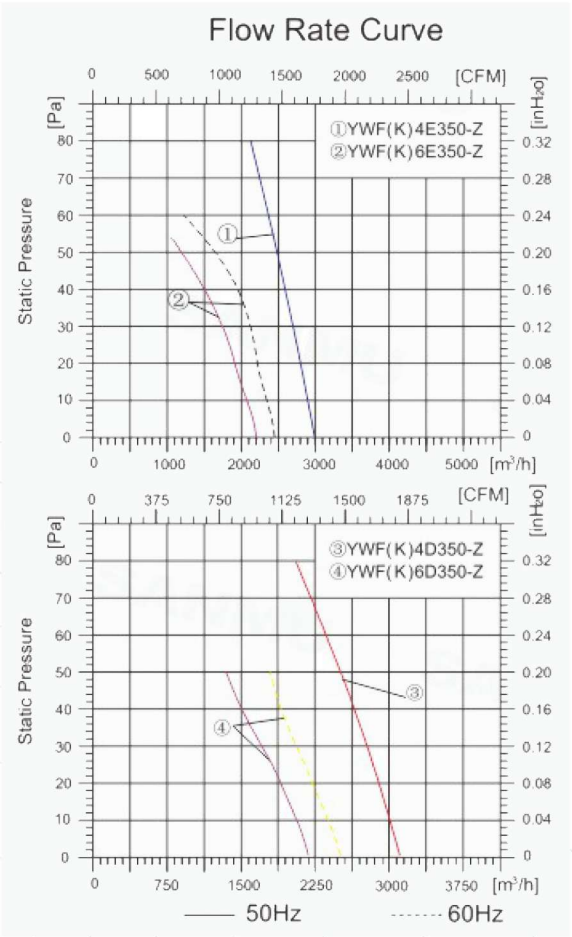
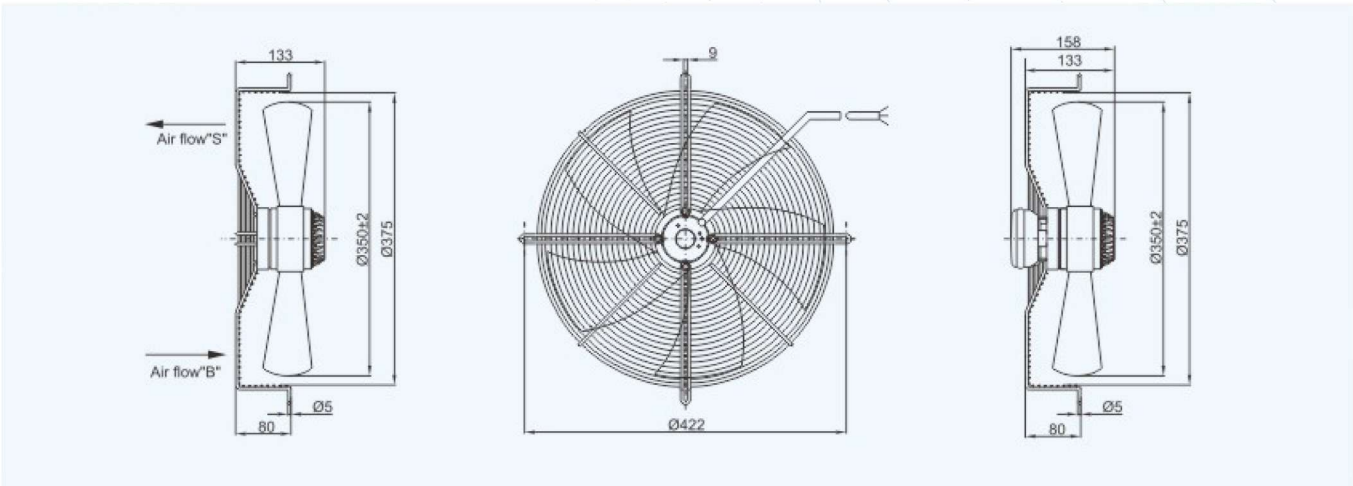
# 4E350 / 6E350 / 4D350 / 6D350




| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ① | 30 | 50 | 137 | 0.61 |
| | 70 | 50 | 148 | 0.7 |
| ② | 20 | 50/60 | 73/81 | 0.37/0.36 |
| | 40 | 50/60 | 77/86 | 0.38/0.38 |
| ③ | 30 | 50 | 130 | 0.35 |
| | 80 | 50 | 148 | 0.37 |
| ④ | 20 | 50/60 | 99/95 | 0.28/0.23 |
| | 50 | 50/60 | 106/103 | 0.28/0.23 |




Technical Parameter

| Model | Voltage (VAC) | Frequency (Hz) | Input Power (W) | Current (A) | Air Volume ($m^3$/h) | Speed (r/min) | Capacitor (μF) | Noise [dB(A)] | Max Environmental Temperature (℃) | Weight (Kg) |
|---|---|---|---|---|---|---|---|---|---|---|
| 4E350 | 230 | 50 | 138 | 0.68 | 2980 | 1370 | 4 | 62 | 65 | 4.7 |
| 4D350 | 380 | 50 | 145 | 0.37 | 3110 | 1390 | / | 63 | 65 | 4.7 |
| 6E350 | 230 | 50/60 | 80/95 | 0.4/0.42 | 2100/2450 | 930/1100 | 2 | 53/58 | 65 | 4.7 |
| 6D350 | 380 | 50/60 | 90/95 | 0.29/0.24 | 2100/2450 | 940/1100 | / | 53/58 | 65 | 4.7 |

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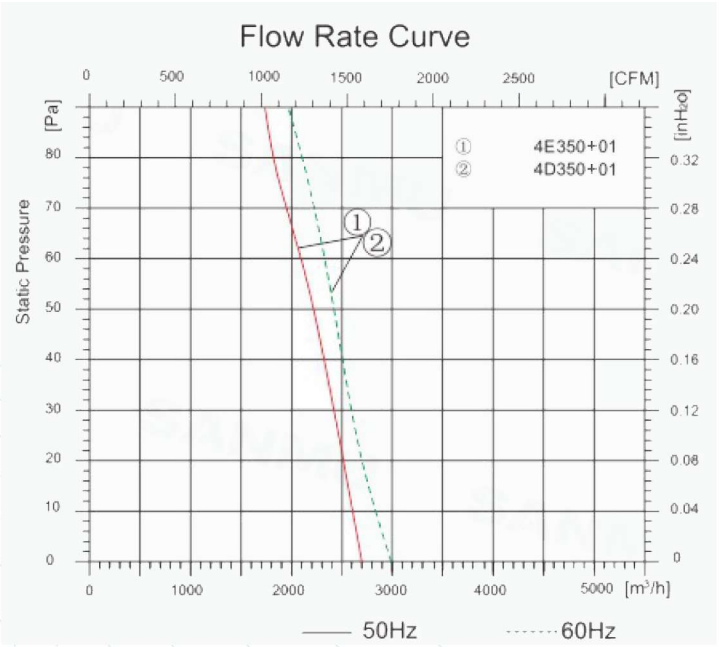
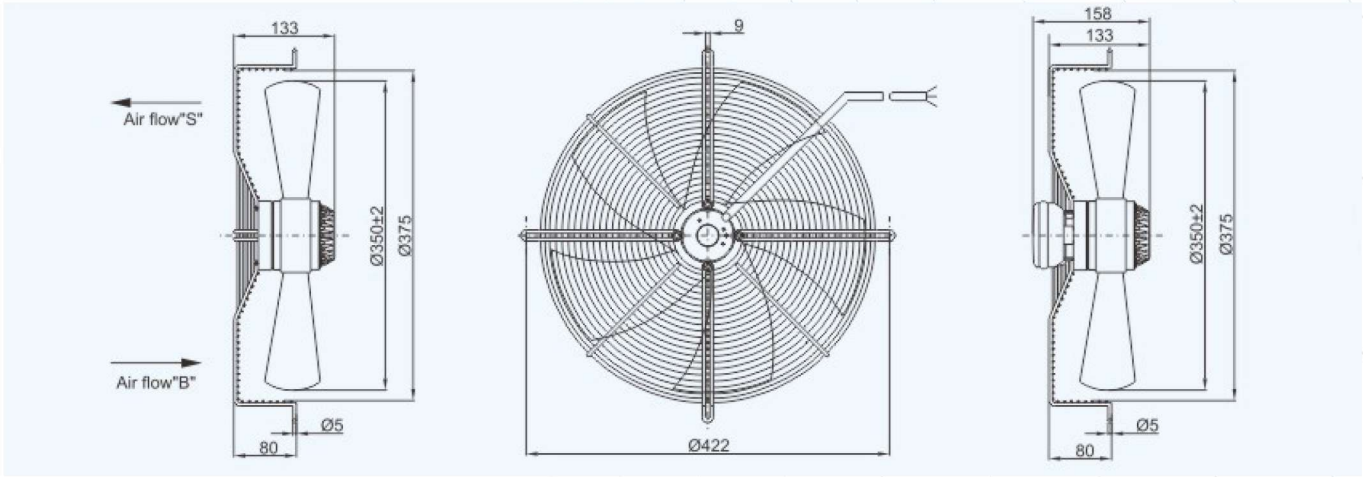
# 4E350+01 / 4D350+01




| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ① | 20 | 50 | 130 | 0.58 |
| | 70 | 50 | 143 | 0.69 |
| ① | 20 | 60 | 159 | 0.70 |
| | 70 | 60 | 180 | 0.79 |

| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ② | 20 | 50 | 121 | 0.27 |
| | 70 | 50 | 148 | 0.29 |
| ② | 20 | 60 | 162 | 0.29 |
| | 70 | 60 | 185 | 0.32 |




Technical Parameter

| Model | Voltage (VAC) | Frequency (Hz) | Input Power (W) | Current (A) | Air Volume ($m^3/h$) | Speed (r/min) | Capacitor ( μF) | Noise [dB(A)] | Max Environmental Temperature (℃) | Weight (Kg) |
|---|---|---|---|---|---|---|---|---|---|---|
| 4E350+01 | 230 | 50/60 | 138/190 | 0.68/0.82 | 2700/3000 | 1380/1590 | 4 | 62/67 | 65 | 4·7 |
| 4D350+01 | 380 | 50/60 | 145/185 | 0.30/0.33 | 2700/3000 | 1390/1580 | / | 63/67 | 65 | 4·7 |

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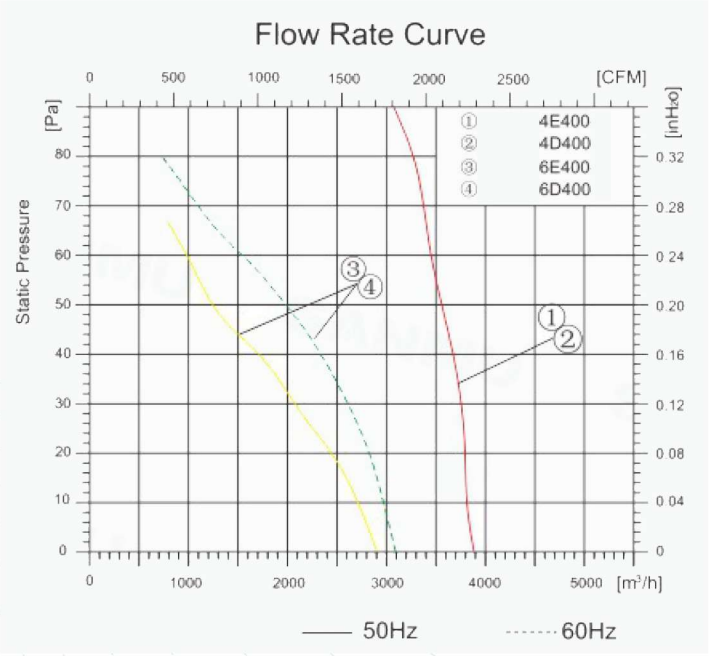
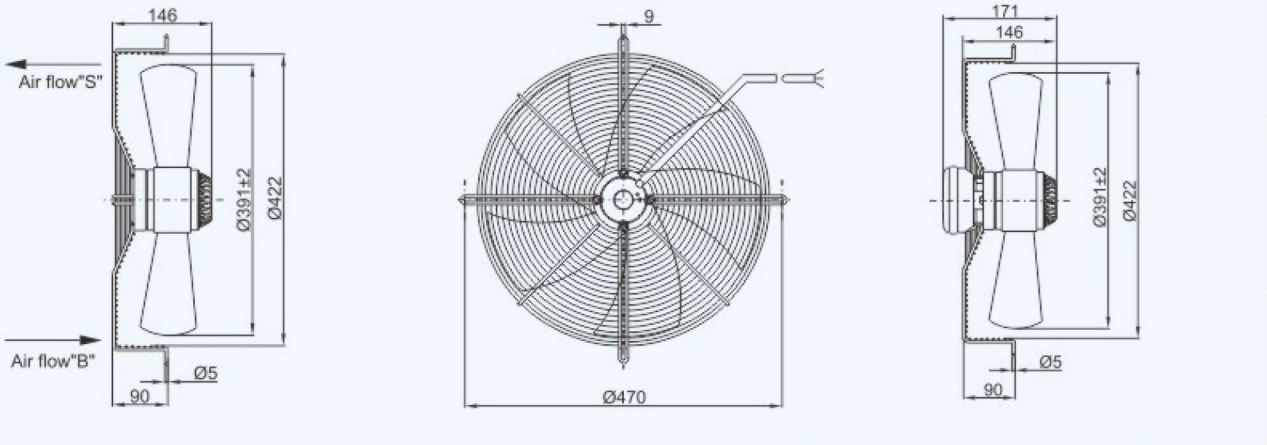
# 4E350 / 6E350 / 4D350 / 6D350




| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ① | 20 | 50 | 165 | 0.73 |
| | 80 | 50 | 183 | 0.82 |
| ② | 20 | 50 | 189 | 0.47 |
| | 90 | 50 | 210 | 0.5 |

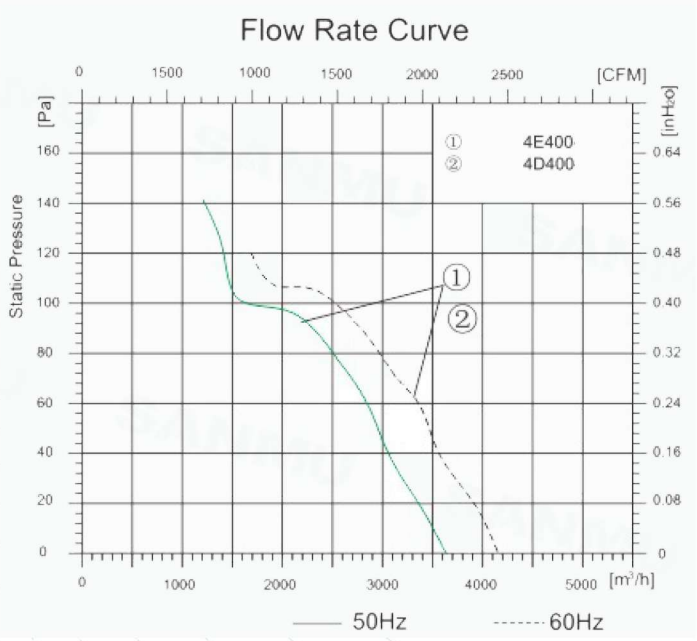
| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ③ | 10 | 50/60 | 100/130 | 0.6/0.67 |
| | 45 | 50/60 | 116/152 | 0.66/0.75 |
| ④ | 10 | 50/60 | 97/95 | 0.28/0.22 |
| | 50 | 50/60 | 110/108 | 0.33/0.25 |




Technical Parameter

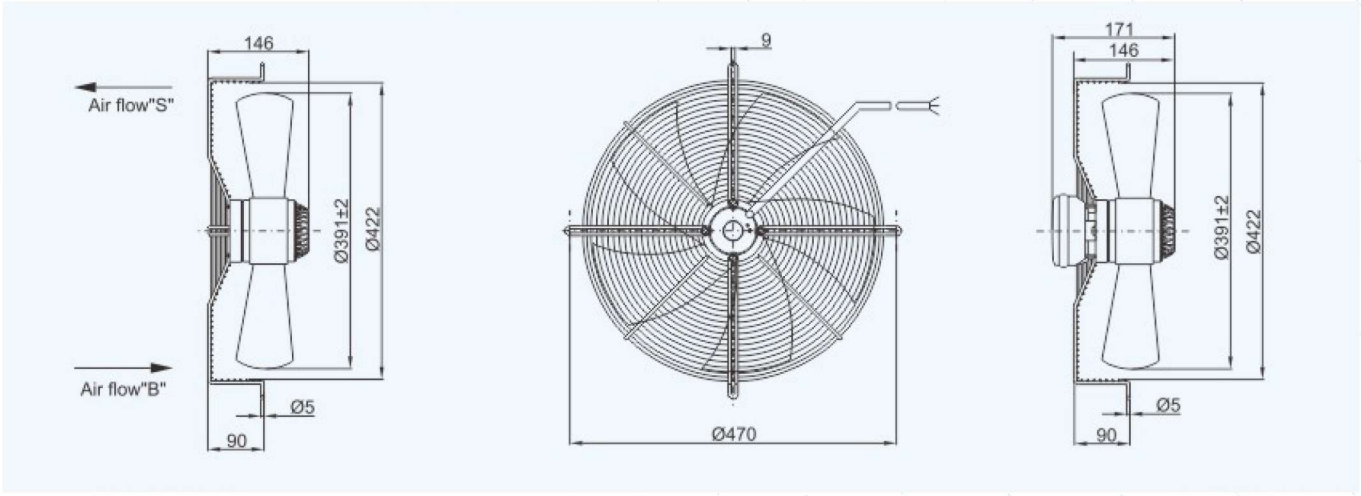
| Model | Voltage (VAC) | Frequency (Hz) | Input Power (W) | Current (A) | Air Volume ($m^3/h$) | Speed (r/min) | Capacitor (μF) | Noise [dB(A)] | Max Environmental Temperature (℃) | Weight (Kg) |
|---|---|---|---|---|---|---|---|---|---|---|
| 4E400 | 230 | 50 | 180 | 0.81 | 3900 | 1350 | 6 | 67 | 65 | 6.1 |
| 4D400 | 380 | 50 | 190 | 0.48 | 3900 | 1380 | / | 67 | 65 | 6.1 |
| 6E400 | 230 | 50/60 | 115/150 | 0.67/0.75 | 2900/3100 | 940/1080 | 3 | 58/61 | 60 | 6.1 |
| 6D400 | 380 | 50/60 | 115/150 | 0.36/0.31 | 2900/3100 | 900/1000 | / | 60/61 | 60 | 6.1 |

# 4E400 / 4D400




| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ① | 20 | 50 | 167 | 0.74 |
| | 70 | 50 | 179 | 0.80 |
| ① | 20 | 60 | 242 | 1.08 |
| | 70 | 60 | 255 | 1.13 |

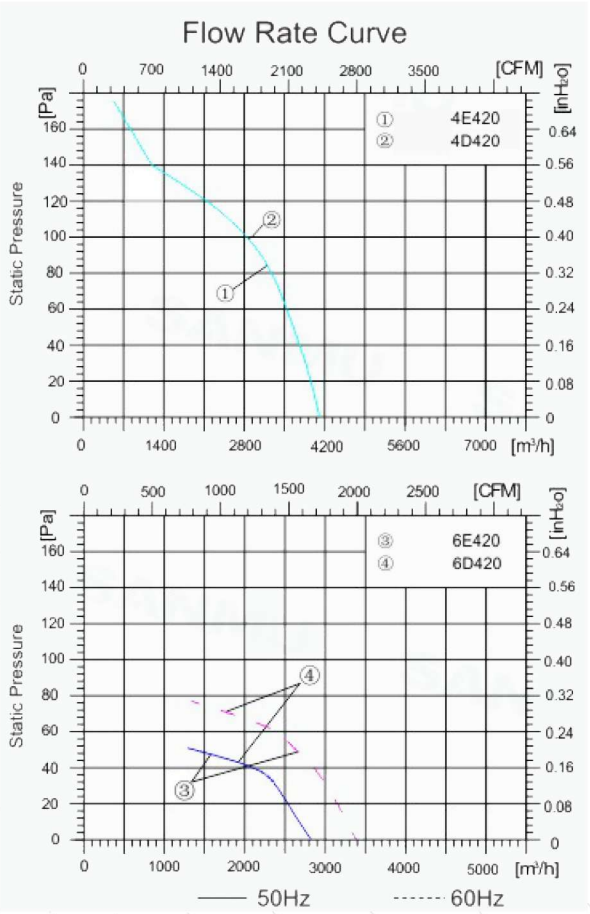
| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ② | 20 | 50 | 190 | 0.46 |
| | 70 | 50 | 211 | 0.48 |
| ② | 20 | 60 | 237 | 0.43 |
| | 70 | 60 | 258 | 0.47 |




Technical Parameter

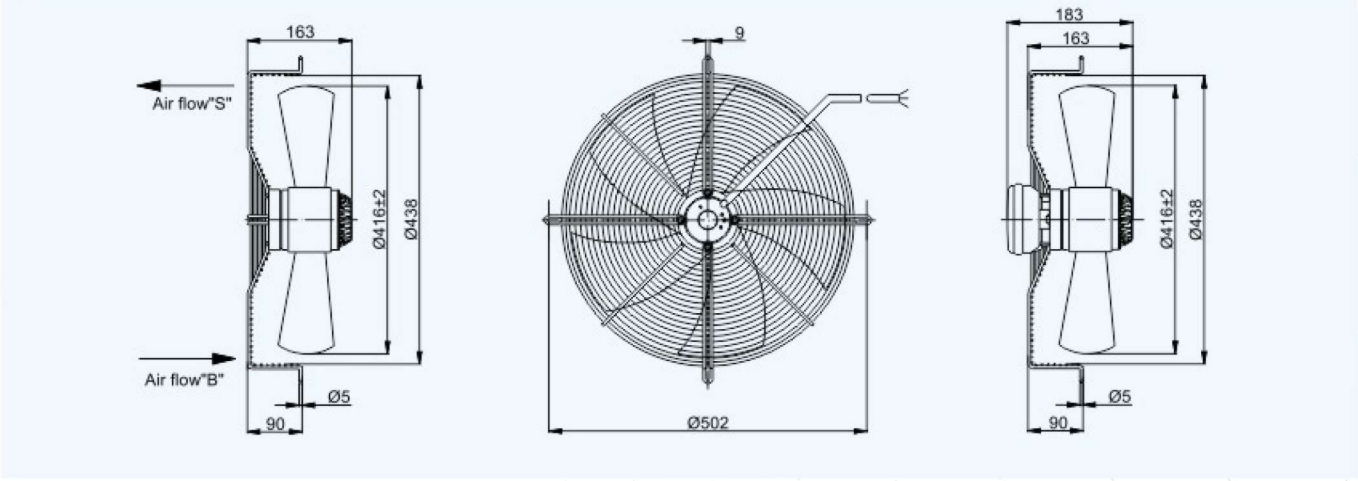
| Model | Voltage (VAC) | Frequency (Hz) | Input Power (W) | Current (A) | Air Volume ($m^3/h$) | Speed (r/min) | Capacitor (μF) | Noise [dB(A)] | Max Environmental Temperature (℃) | Weight (Kg) |
|---|---|---|---|---|---|---|---|---|---|---|
| 4E400 | 230 | 50/60 | 180/260 | 0.81/1.15 | 3650/4150 | 1390/1590 | 6 | 67/72 | 65 | 6.1 |
| 4D400 | 380 | 50/60 | 190/260 | 0.46/0.48 | 3650/4150 | 1390/1590 | / | 67/72 | 65 | 6.1 |

# 4E420 / 4D420 / 6E420 / 6D420




| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ① | 30 | 50 | 210 | 0.96 |
| | 70 | 50 | 260 | 1.2 |
| ② | 30 | 50 | 190 | 0.45 |
| | 90 | 50 | 240 | 0.56 |

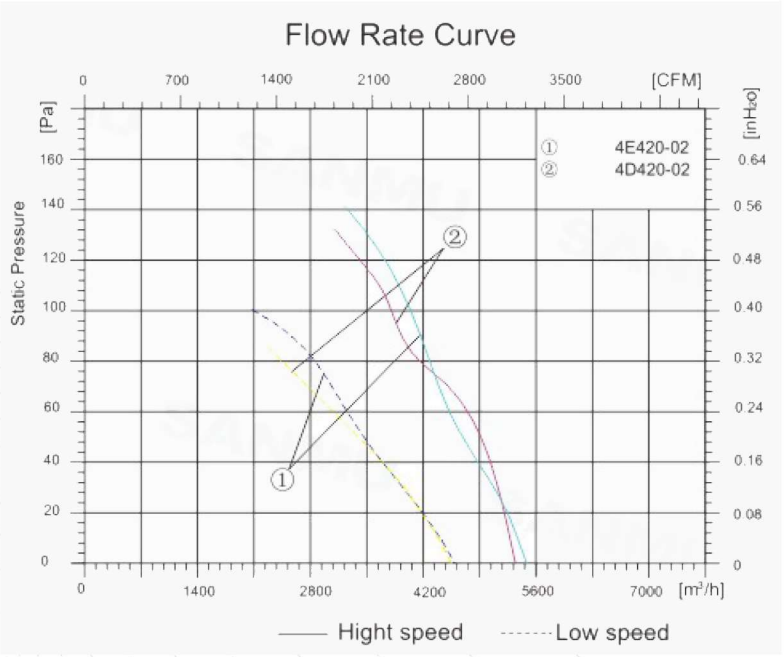
| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ③ | 30 | 50/60 | 150/185 | 0.68/0.82 |
| | 60 | 50/60 | 165/203 | 0.72/0.88 |
| ④ | 30 | 50/60 | 150/178 | 0.48/0.45 |
| | 70 | 50/60 | 175/203 | 0.51/0.5 |



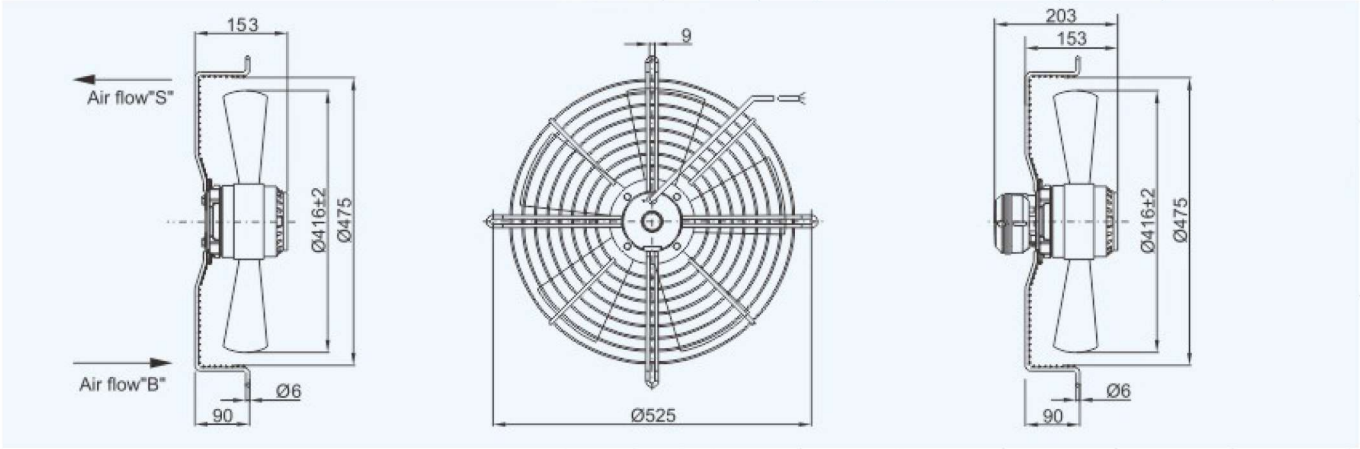

Technical Parameter

| Model | Voltage (VAC) | Frequency (Hz) | Input Power (W) | Current (A) | Air Volume ($m^3/h$) | Speed (r/min) | Capacitor ( μF) | Noise [dB(A)] | Max Environmental Temperature (℃) | Weight (Kg) |
|---|---|---|---|---|---|---|---|---|---|---|
| 4E420 | 230 | 50 | 250 | 1.15 | 4200 | 1380 | 8 | 68 | 55 | 6.7 |
| 4D420 | 380 | 50 | 250 | 0.58 | 4200 | 1350 | / | 68 | 55 | 6.7 |
| 6E420 | 230 | 50/60 | 150/185 | 0.68/0.82 | 3100/3500 | 900/1000 | 4 | 60/63 | 55 | 6.7 |
| 6D420 | 380 | 50/60 | 150/180 | 0.48/0.46 | 3100/3500 | 930/1050 | / | 61/64 | 55 | 6.7 |

# 4E420-02 / 4D420-02




| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ① High Speed | 40 | 50 | 380 | 1.7 |
| | 150 | 50 | 460 | 2.1 |
| ② High Speed | 40 | 50 | 326 | 0.61 |
| | 150 | 50 | 430 | 0.75 |




Technical Parameter

| Model | Voltage (VAC) | Frequency (Hz) | Input Power (W) | Current (A) | Air Volume ($m^3/h$) | Speed (r/min) | Capacitor (μF) | Noise [dB(A)] | Max Environmental Temperature (℃) | Weight (Kg) |
|---|---|---|---|---|---|---|---|---|---|---|
| 4E420-02 | 230 | 50 | 450/295 | 2/1.3 | 5500/4500 | 1380/1150 | 16 | 70/65 | 60 | 8 |
| 4D420-02 | 400△/Y | 50 | 430/260 | 0.75/0.41 | 5300/4500 | 1350/1150 | / | 70/65 | 60 | 8 |

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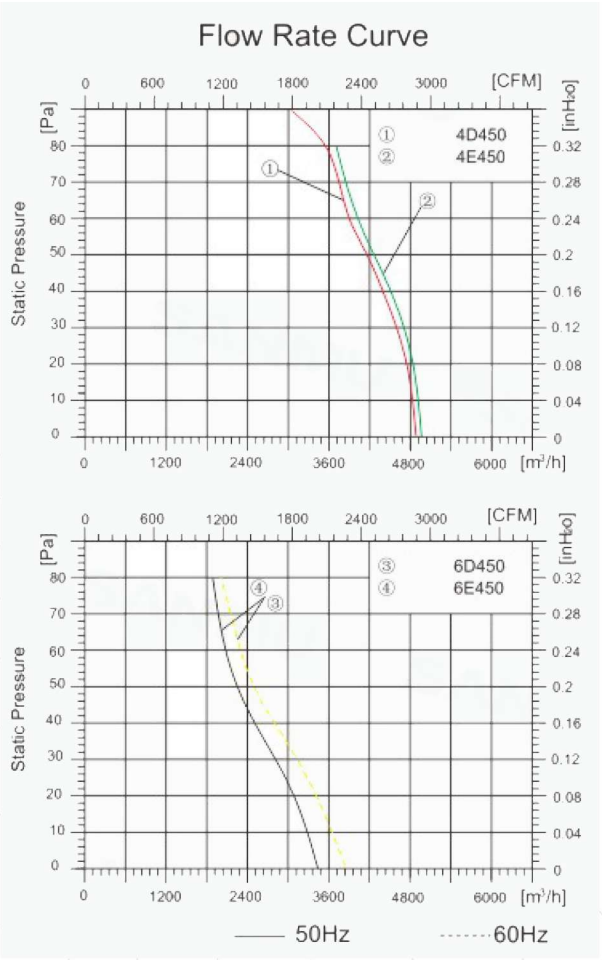
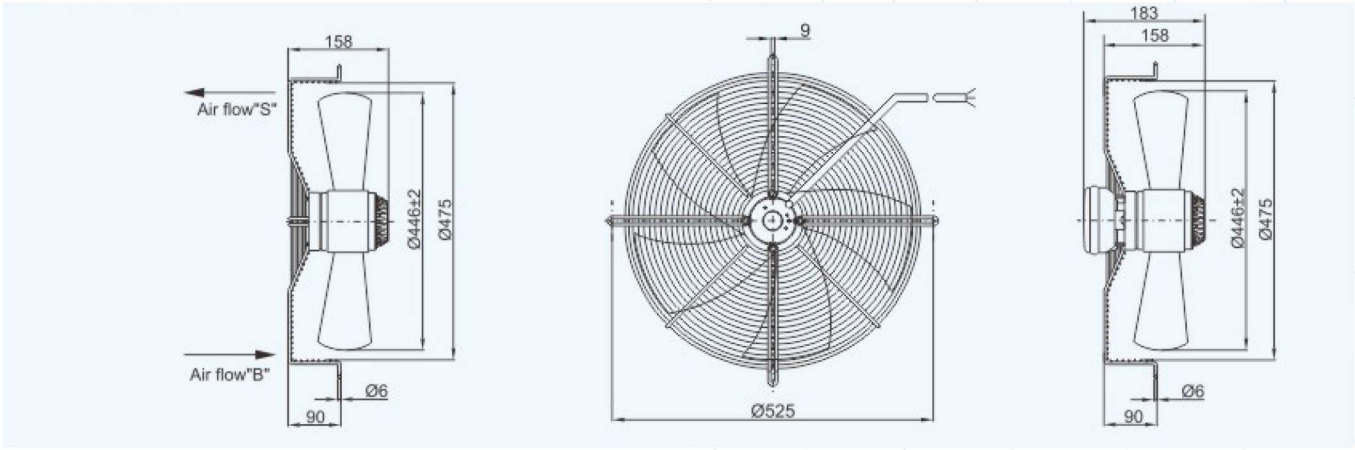
# 4D450 / 4E450 / 6D450 / 6E450




| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ① | 20 | 50 | 250 | 0.58 |
| | 80 | 50 | 307 | 0.65 |
| ② | 20 | 50 | 227 | 1.0 |
| | 80 | 50 | 266 | 1.21 |

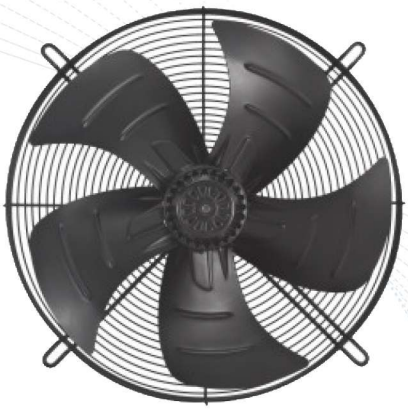
| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ③ | 20 | 50/60 | 146/173 | 0.47/0.45 |
| | 60 | 50/60 | 170/198 | 0.46/0.48 |
| ④ | 20 | 50/60 | 127/153 | 0.58/0.67 |
| | 60 | 50/60 | 150/175 | 0.68/0.76 |

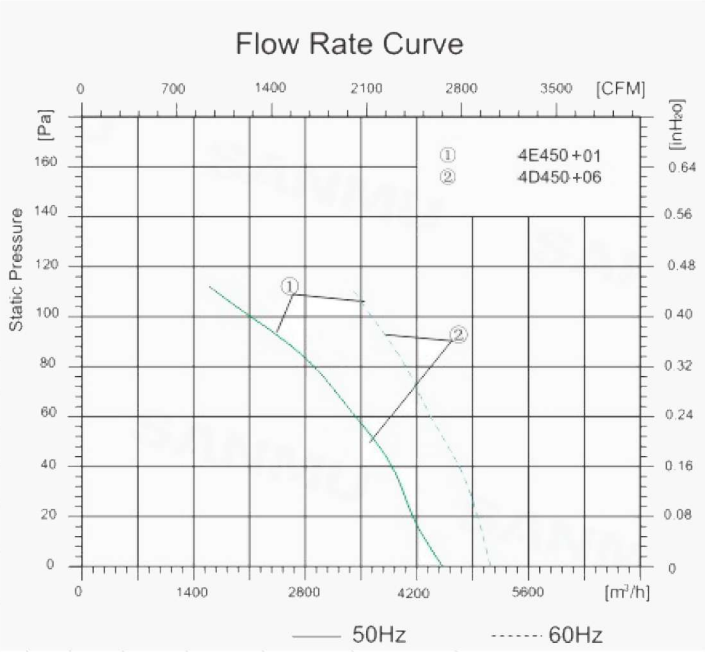



Technical Parameter

| Model | Voltage (VAC) | Frequency (Hz) | Input Power (W) | Current (A) | Air Volume ($m^3/h$) | Speed (r/min) | Capacitor ( μF) | Noise [dB(A)] | Max Environmental Temperature (℃) | Weight (Kg) |
|---|---|---|---|---|---|---|---|---|---|---|
| 4D450 | 380 | 50 | 250 | 0.58 | 5000 | 1400 | / | 68 | 55 | 6.9 |
| 4E450 | 230 | 50 | 250 | 1.15 | 5100 | 1380 | 8 | 71 | 55 | 6.9 |
| 6D450 | 380 | 50/60 | 150/180 | 0.48/0.46 | 3450/3850 | 930/1050 | / | 62/65 | 55 | 6.9 |
| 6E450 | 230 | 50/60 | 150/185 | 0.68/0.82 | 3450/3850 | 900/1050 | 4 | 60/65 | 55 | 6.9 |

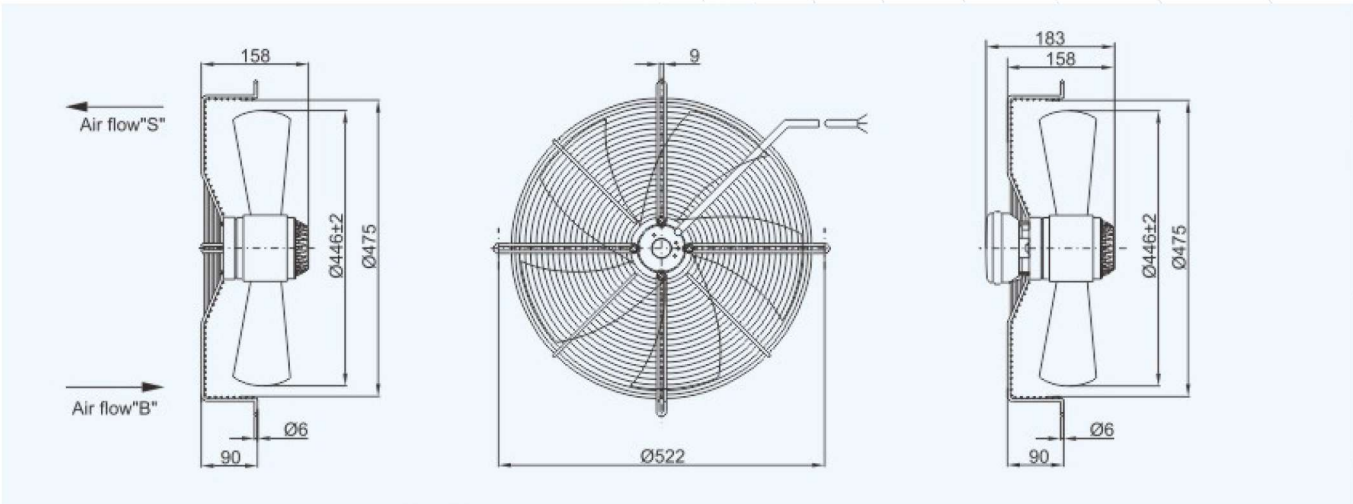
# 4E450+01 / 4D450+06






| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ① | 20 | 50 | 228 | 1.07 |
| | 70 | 50 | 254 | 1.16 |
| ① | 20 | 60 | 297 | 1.33 |
| | 80 | 60 | 333 | 1.48 |

| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ② | 20 | 50 | 203 | 0.49 |
| | 70 | 50 | 225 | 0.51 |
| ② | 20 | 60 | 289 | 0.51 |
| | 70 | 60 | 323 | 0.56 |




Technical Parameter

| Model | Voltage (VAC) | Frequency (Hz) | Input Power (W) | Current (A) | Air Volume ($m^3/h$) | Speed (r/min) | Capacitor ( μF) | Noise [dB(A)] | Max Environmental Temperature (℃) | Weight (Kg) |
|---|---|---|---|---|---|---|---|---|---|---|
| 4E450+01 | 230 | 50/60 | 250/360 | 1.15/1.6 | 4400/5200 | 1430/1660 | 8 | 71/74 | 60 | 6.9 |
| 4D450+06 | 380 | 50/60 | 250/350 | 0.53/0.57 | 4400/5200 | 1410/1630 | / | 68/73 | 60 | 6.9 |

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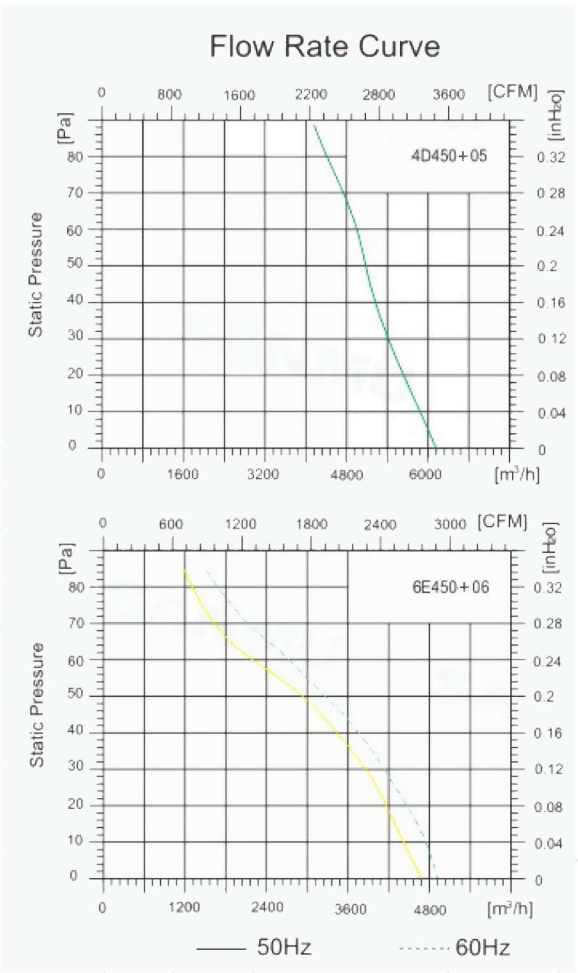
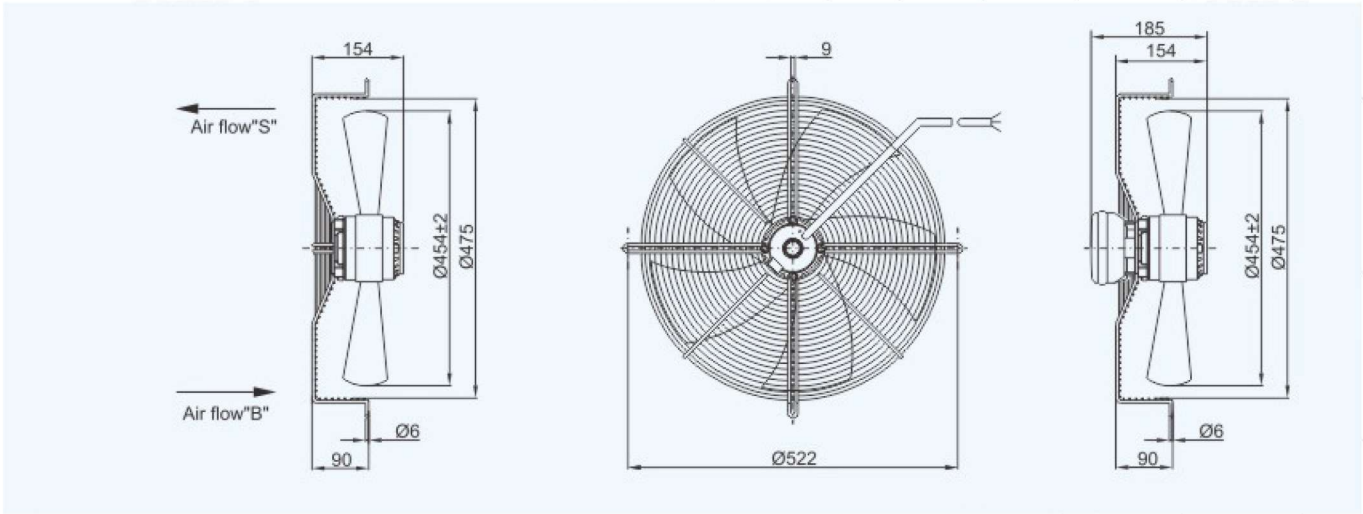
# 4D450+05 / 4E450+06



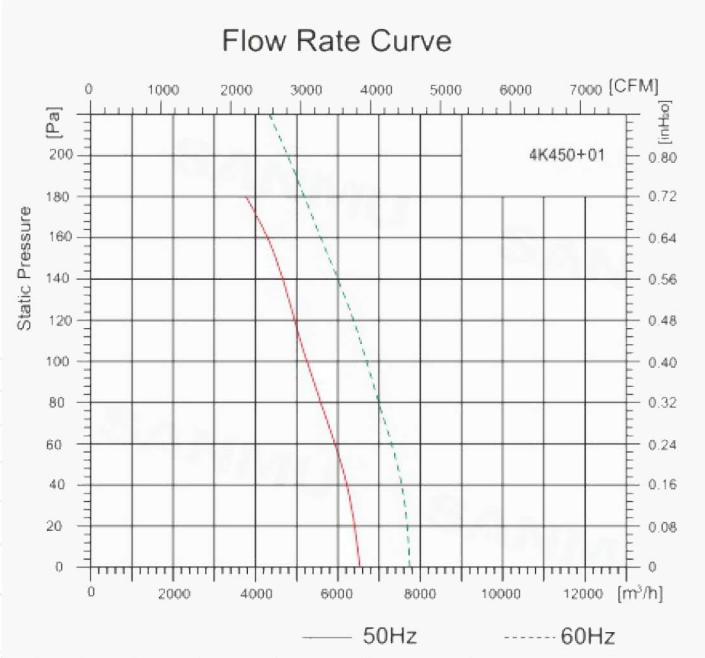

| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ① | 40 | 50 | 430 | 0.79 |
| | 80 | 50 | 460 | 0.82 |
| ② | 20 | 50/60 | 185/200 | 0.81/0.95 |
| | 60 | 50/60 | 200/225 | 0.86/1.0 |



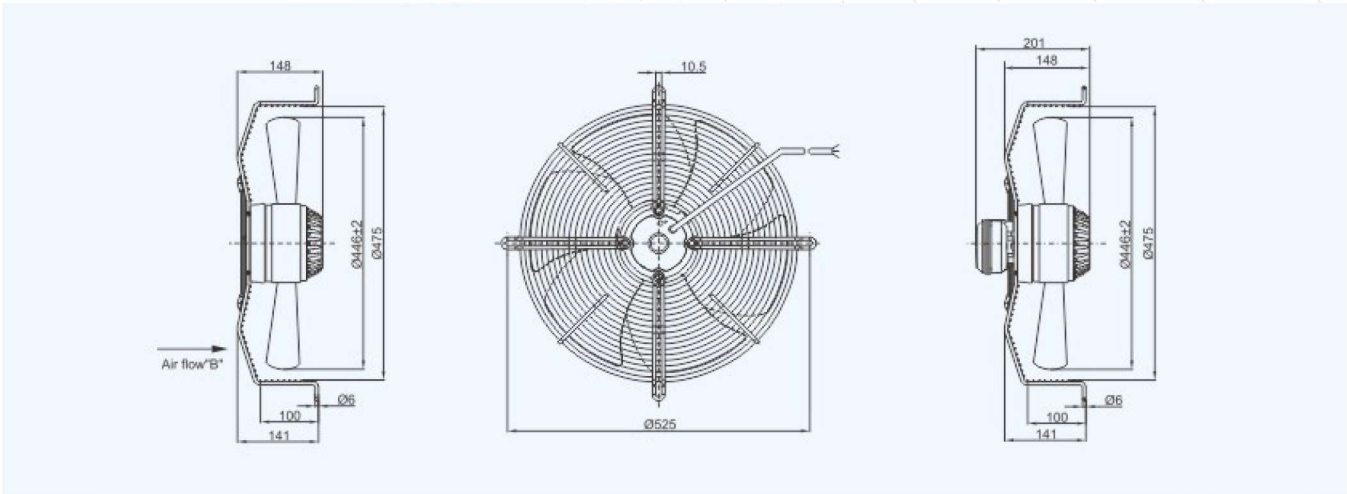

Technical Parameter

| Model | Voltage (VAC) | Frequency (Hz) | Input Power (W) | Current (A) | Air Volume ($m^3/h$) | Speed (r/min) | Capacitor (μF) | Noise [dB(A)] | Max Environmental Temperature (℃) | Weight (Kg) |
|---|---|---|---|---|---|---|---|---|---|---|
| 4D450+05 | 400 | 50 | 460 | 0.82 | 6200 | 1320 | / | 68 | 55 | 8.5 |
| 6E450+06 | 230 | 50/60 | 200/285 | 0.86/1.25 | 4650/5100 | 900/1000 | 5 | 60/63 | 55 | 8.5 |

# 4K450+01




| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ① | 50 | 50 | 450 | 1.10 |
| | 100 | 50 | 510 | 1.15 |
| ② | 75 | 60 | 700 | 1.23 |
| | 150 | 60 | 800 | 1.33 |




Technical Parameter

| Model | Voltage (VAC) | Frequency (Hz) | Input Power (W) | Current (A) | Air Volume ($m^3/h$) | Speed (r/min) | Capacitor ( μF) | Noise [dB(A)] | Max Environmental Temperature (℃) | Weight (Kg) |
|---|---|---|---|---|---|---|---|---|---|---|
| YWF(K)4K450-ZX01 | 400 | 50 | 510 | 1.15 | 6600 | 1400 | / | 68 | 70 | 10.5 |
| | 460 | 60 | 900 | 1.44 | 7750 | 1630 | / | 73 | 55 | 10.5 |

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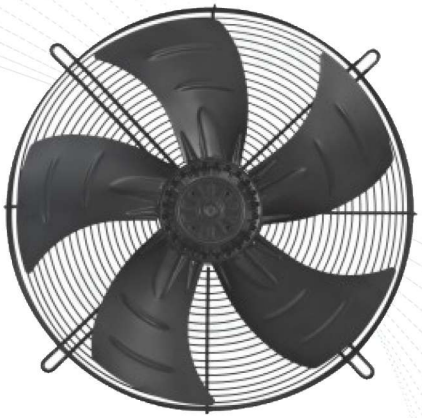
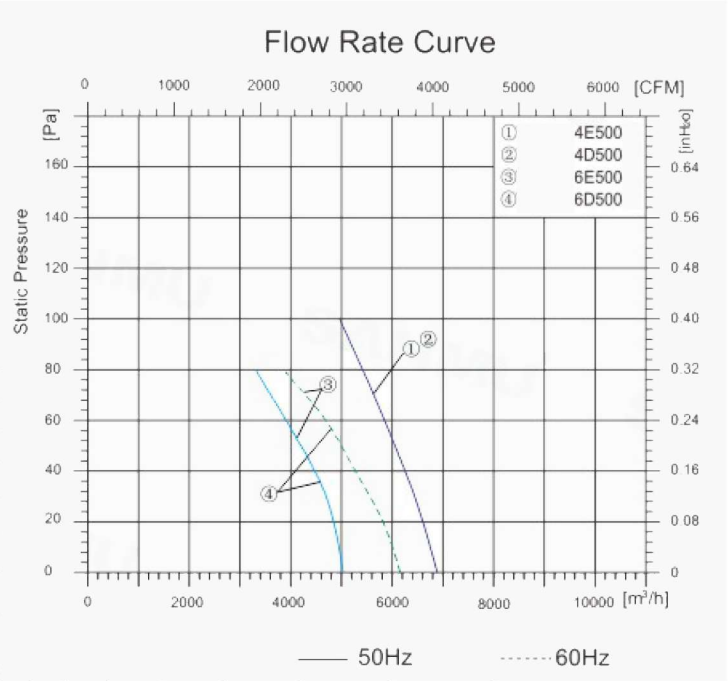
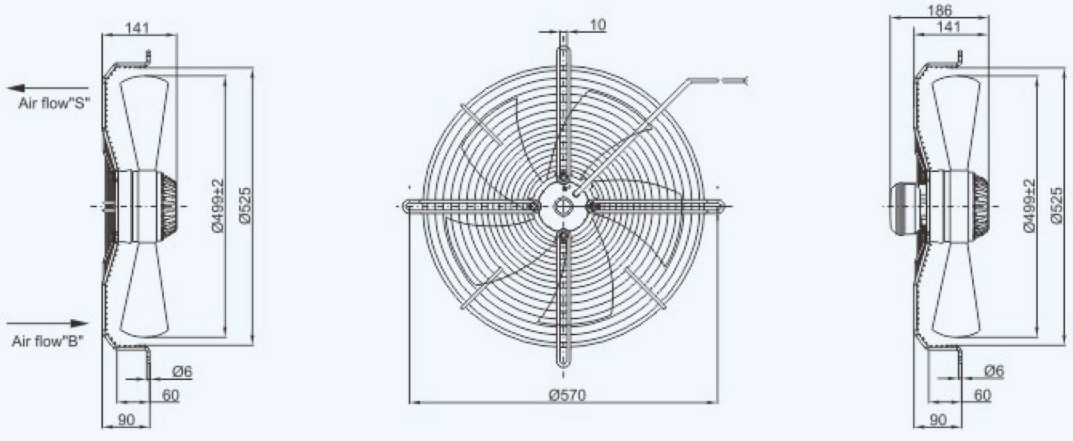
# 4E500 / 4D500 / 6E500 / 6D500






| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ① | 20 | 50 | 361 | 1.6 |
| | 80 | 50 | 430 | 1.90 |
| ② | 20 | 50 | 380 | 0.82 |
| | 80 | 50 | 454 | 0.93 |

| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ③ | 20 | 50/60 | 207/282 | 1.09/1.22 |
| | 80 | 50/60 | 230/320 | 1.15/1.4 |
| ④ | 20 | 50/60 | 230/273 | 0.7/0.57 |
| | 60/80 | 50/60 | 250/320 | 0.78/0.65 |




Technical Parameter

| Model | Voltage (VAC) | Frequency (Hz) | Input Power (W) | Current (A) | Air Volume ($m^3$/h) | Speed (r/min) | Capacitor ( μF) | Noise [dB(A)] | Max Environmental Temperature (℃) | Weight (Kg) |
|---|---|---|---|---|---|---|---|---|---|---|
| 4E500 | 230 | 50 | 420 | 1.85 | 6950 | 1320 | 12 | 72 | 50 | 9.5 |
| 4D500 | 380 | 50 | 450 | 0.93 | 7000 | 1320 | / | 72 | 50 | 9.5 |
| 6E500 | 230 | 50/60 | 230/320 | 1.15/1.4 | 5200/6150 | 920/1050 | 6 | 67/69 | 60/50 | 9.5 |
| 6D500 | 380 | 50/60 | 250/320 | 0.78/0.65 | 5200/6150 | 920/1060 | / | 67/69 | 60/50 | 9.5 |

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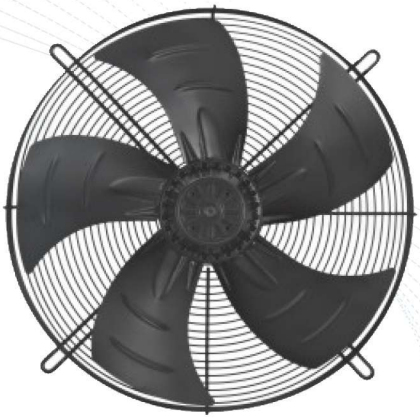
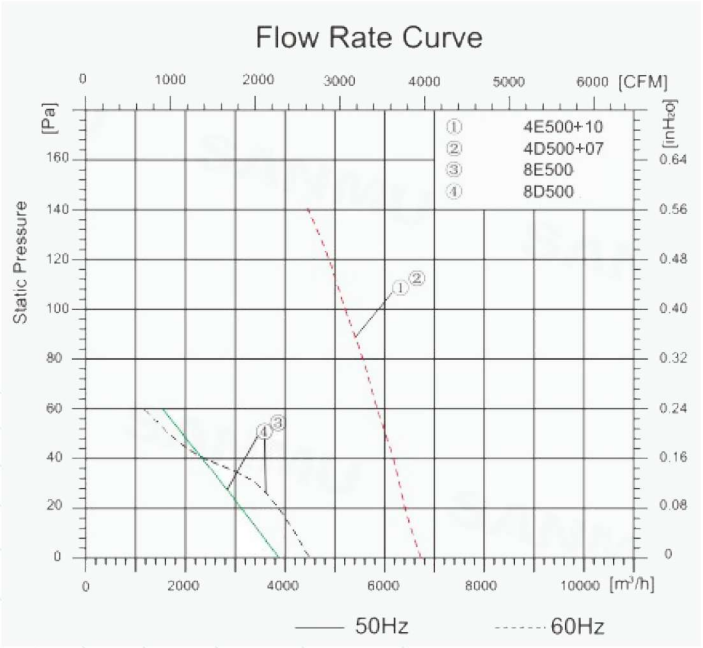
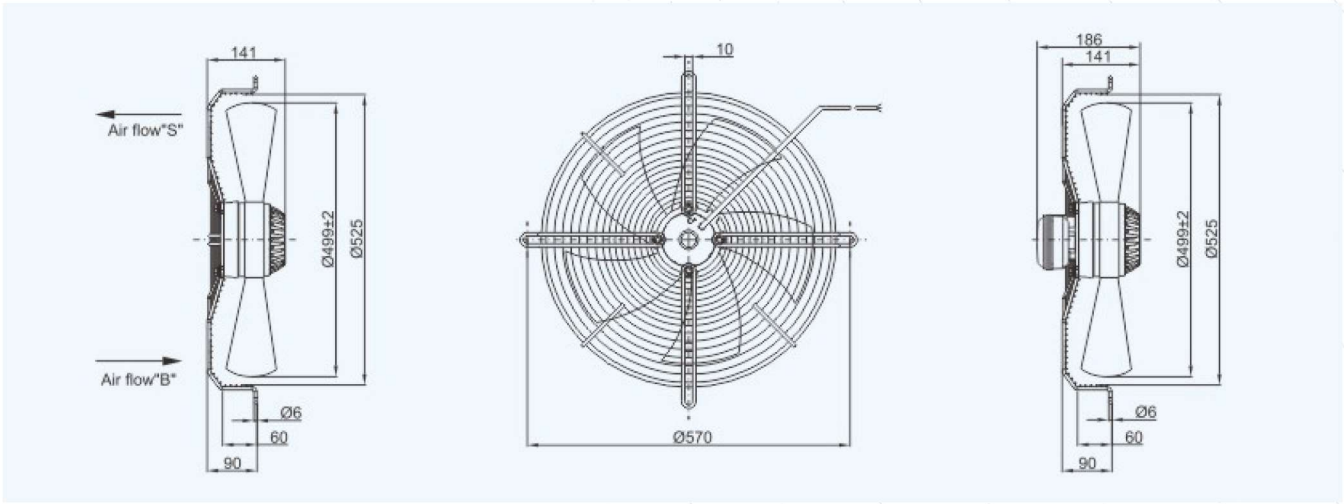
# 4E500 / 4D500 / 6E500 / 6D500






| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ① | 20 | 60 | 520 | 2.43 |
| | 100 | 60 | 557 | 2.53 |
| ② | 20 | 60 | 425 | 0.77 |
| | 100 | 60 | 520 | 0.89 |

| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ③ | 10 | 50/60 | 95/145 | 0.42/0.68 |
| | 30 | 50/60 | 102/148 | 0.46/0.69 |
| ④ | 10 | 50/60 | 112/132 | 0.30/0.30 |
| | 30 | 50/60 | 121/142 | 0.31/0.31 |




Technical Parameter

| Model | Voltage (VAC) | Frequency (Hz) | Input Power (W) | Current (A) | Air Volume ($m^3/h$) | Speed (r/min) | Capacitor ( μF) | Noise [dB(A)] | Max Environmental Temperature (℃) | Weight (Kg) |
|---|---|---|---|---|---|---|---|---|---|---|
| 4E500+10 | 230 | 60 | 550 | 2.5 | 6750 | 1590 | 12 | 76 | 50 | 9.5 |
| 4D500+07 | 380 | 60 | 550 | 0.93 | 6750 | 1550 | / | 76 | 50 | 9.5 |
| 8E500 | 230 | 50/60 | 110/150 | 0.48/0.7 | 3900/4500 | 650/730 | 4 | 64/66 | 60 | 9.5 |
| 8D500 | 380 | 50/60 | 110/130 | 0.30/0.30 | 3900/4500 | 690/770 | / | 65/67 | 60 | 9.5 |

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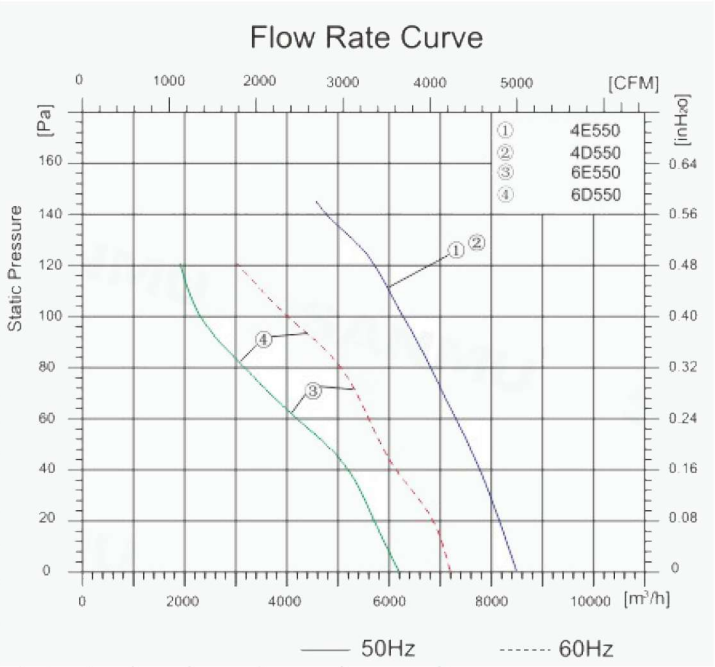
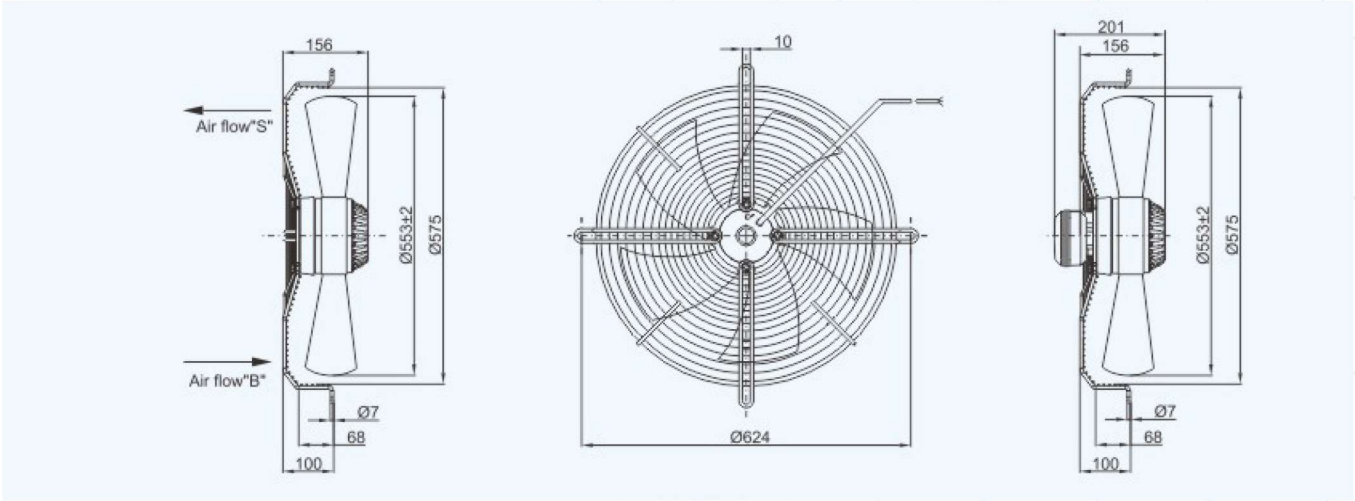
# 4E550 / 4D550 / 6E550 / 6D550




| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ① | 20 | 50 | 451 | 1.98 |
| | 150 | 50 | 577 | 2.48 |
| ② | 20 | 50 | 464 | 0.95 |
| | 180 | 50 | 636 | 1.14 |

| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ③ | 20 | 50/60 | 263/332 | 1.4/1.48 |
| | 110 | 50/60 | 330/420 | 1.68/1.83 |
| ④ | 20 | 50/60 | 264/327 | 0.82/0.76 |
| | 100 | 50/60 | 330/410 | 0.87/0.87 |




Technical Parameter

| Model | Voltage (VAC) | Frequency (Hz) | Input Power (W) | Current (A) | Air Volume ($m^3/h$) | Speed (r/min) | Capacitor ( μF) | Noise [dB(A)] | Max Environmental Temperature (℃) | Weight (Kg) |
|---|---|---|---|---|---|---|---|---|---|---|
| 4E550 | 230 | 50 | 550 | 2.45 | 8500 | 1310 | 12 | 74 | 50 | 10.5 |
| 4D550 | 380 | 50 | 650 | 1.2 | 8500 | 1300 | / | 74 | 50 | 10.5 |
| 6E550 | 230 | 50/60 | 330/420 | 1.68/1.83 | 6200/7100 | 910/1080 | 10 | 67/68 | 60/50 | 10.5 |
| 6D550 | 380 | 50/60 | 330/410 | 0.87/0.87 | 6200/7100 | 900/1070 | / | 67/68 | 60/50 | 10.5 |

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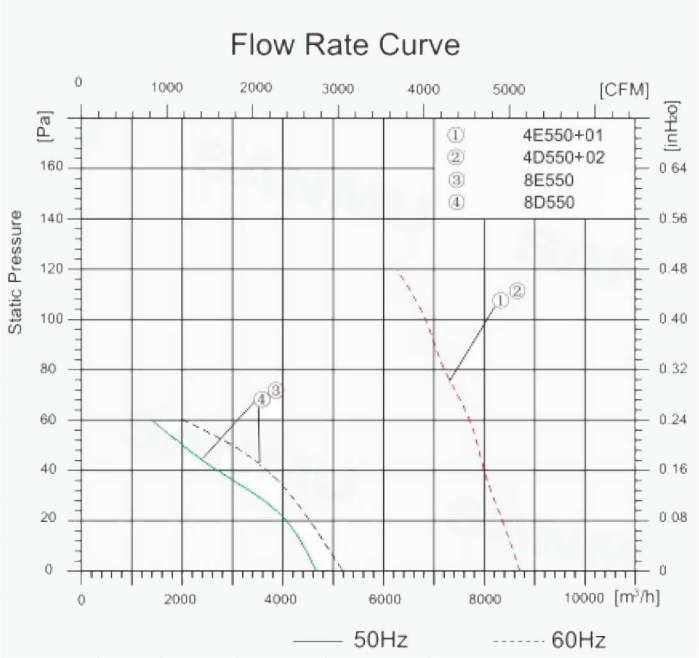
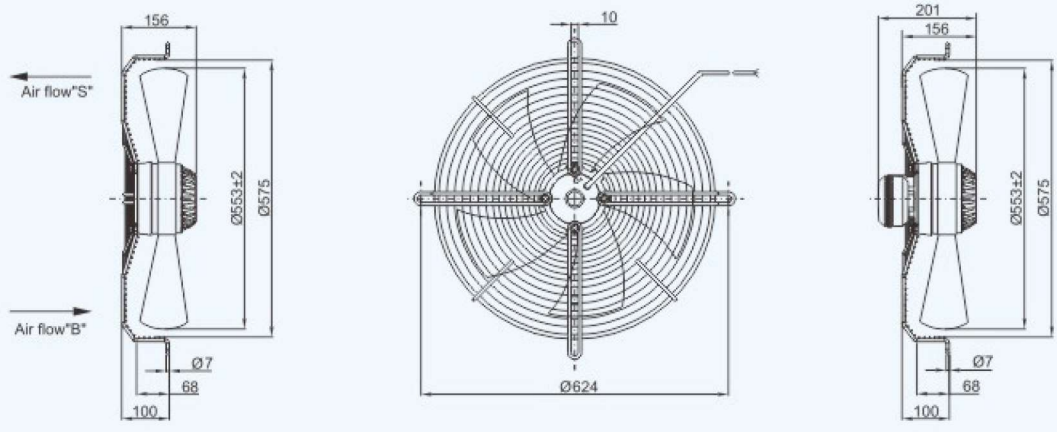
# 4E550+01 / 4D550+02 / 8E550 / 8D550




| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ① | 20 | 60 | 633 | 2.83 |
| | 100 | 60 | 706 | 3.07 |
| ② | 20 | 60 | 645 | 1.09 |
| | 100 | 60 | 753 | 1.25 |

| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ③ | 10 | 50/60 | 103/168 | 0.46/0.77 |
| | 50 | 50/60 | 115/163 | 0.51/0.73 |
| ④ | 10 | 50/60 | 107/132 | 0.30/0.30 |
| | 50 | 50/60 | 132/168 | 0.32/0.36 |




Technical Parameter

| Model | Voltage (VAC) | Frequency (Hz) | Input Power (W) | Current (A) | Air Volume ($m^3/h$) | Speed (r/min) | Capacitor (μF) | Noise [dB(A)] | Max Environmental Temperature (℃) | Weight (Kg) |
|---|---|---|---|---|---|---|---|---|---|---|
| 4E550+01 | 230 | 60 | 720 | 3.1 | 8750 | 1500 | 12 | 78 | 50 | 10.5 |
| 4D550+02 | 380 | 60 | 750 | 1.25 | 8700 | 1500 | / | 78 | 50 | 10.5 |
| 8E550 | 230 | 50/60 | 120/165 | 0.55/0.75 | 4500/5150 | 630/730 | 4 | 65/67 | 60 | 10.5 |
| 8D550 | 380 | 50/60 | 160/200 | 0.41/0.43 | 4550/5200 | 630/730 | / | 65/67 | 60 | 10.5 |

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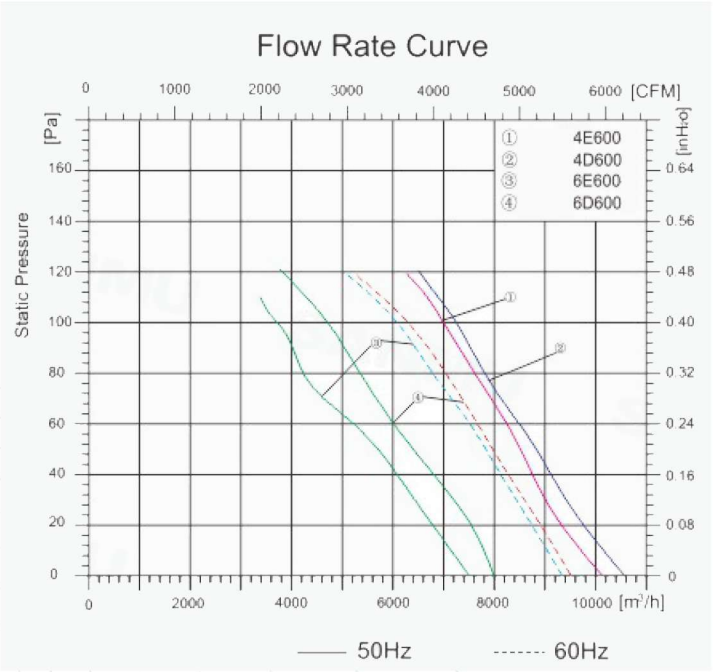
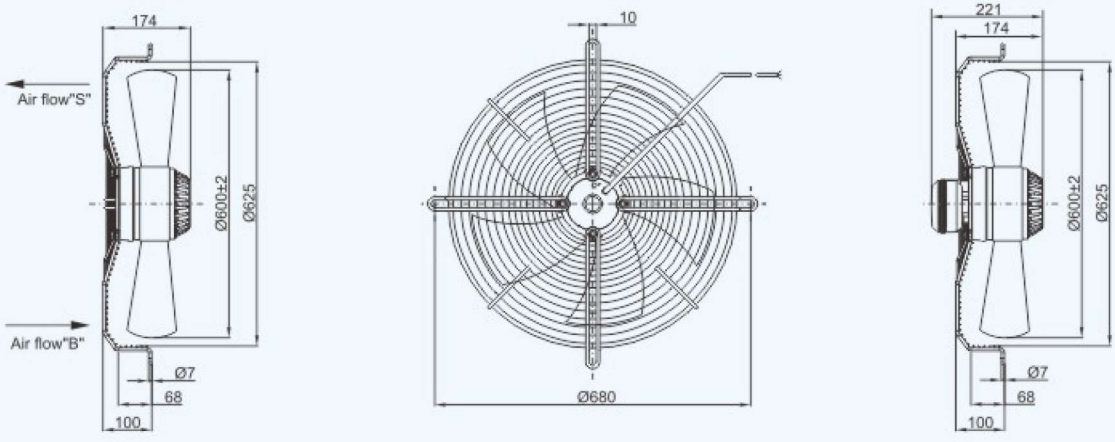
# 4E600 / 4D600 / 6E600 / 6D600




| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ① | 25 | 50 | 783 | 3.4 |
| | 110 | 50 | 810 | 3.5 |
| ② | 25 | 50 | 725 | 1.83 |
| | 110 | 50 | 860 | 1.95 |

| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ③ | 20 | 50/60 | 400/500 | 1.9/2.2 |
| | 110 | 50/60 | 500/600 | 2.2/2.8 |
| ④ | 40 | 50/60 | 410/500 | 1.44/1.22 |
| | 160/120 | 50/60 | 550/600 | 1.57/1.3 |

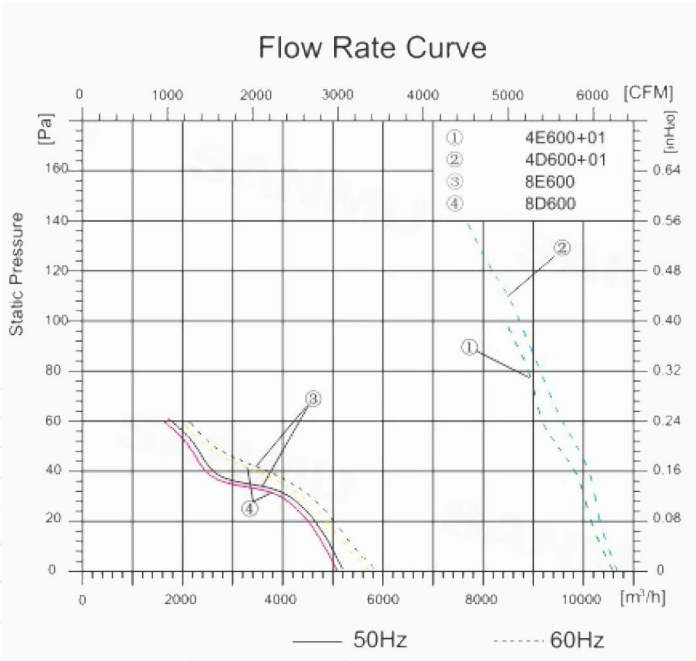



Technical Parameter

| Model | Voltage (VAC) | Frequency (Hz) | Input Power (W) | Current (A) | Air Volume ($m^3/h$) | Speed (r/min) | Capacitor (μF) | Noise [dB(A)] | Max Environmental Temperature (°C) | Weight (Kg) |
|---|---|---|---|---|---|---|---|---|---|---|
| 4E600 | 230 | 50 | 810 | 3.5 | 10300 | 1315 | 16 | 76 | 50 | 15 |
| 4D600 | 380 | 50 | 860 | 1.95 | 10800 | 1365 | / | 79 | 50 | 15 |
| 6E600 | 230 | 50/60 | 500/600 | 2.2/2.8 | 7500/9250 | 900/1030 | 14 | 70/71 | 50 | 15 |
| 6D600 | 380 | 50/60 | 550/600 | 1.57/1.3 | 8100/9500 | 920/1070 | / | 70/72 | 50 | 15 |

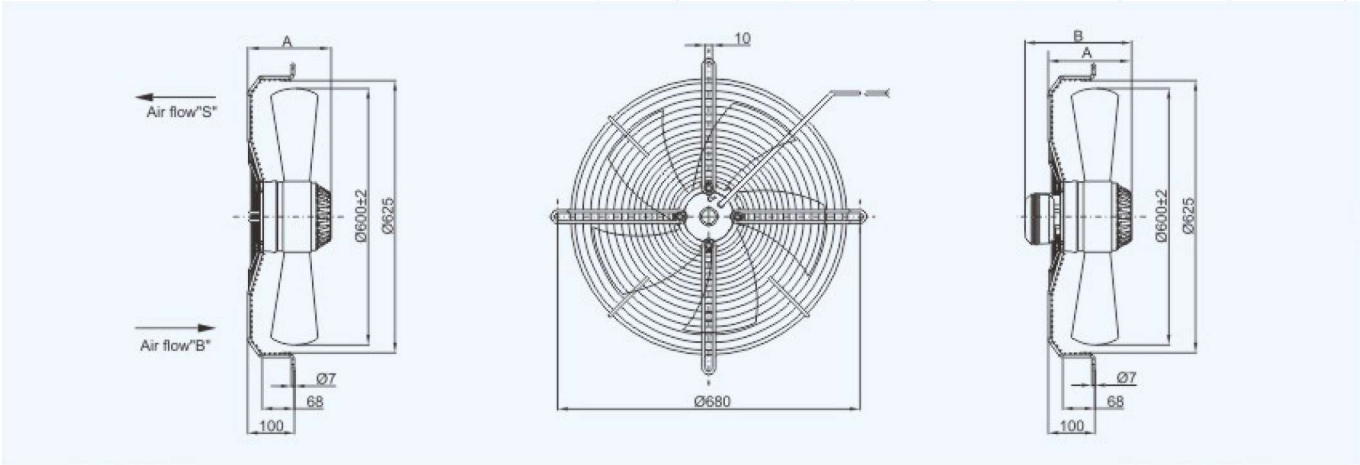
M.C Tech Motors

# 4E600 +01 / 4D600 + 01 / 8E600 / 8D600




| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ① | 20 | 60 | 877 | 3.86 |
| | 80 | 60 | 951 | 4.17 |
| ② | 20 | 60 | 853 | 1.60 |
| | 100 | 60 | 951 | 1.73 |

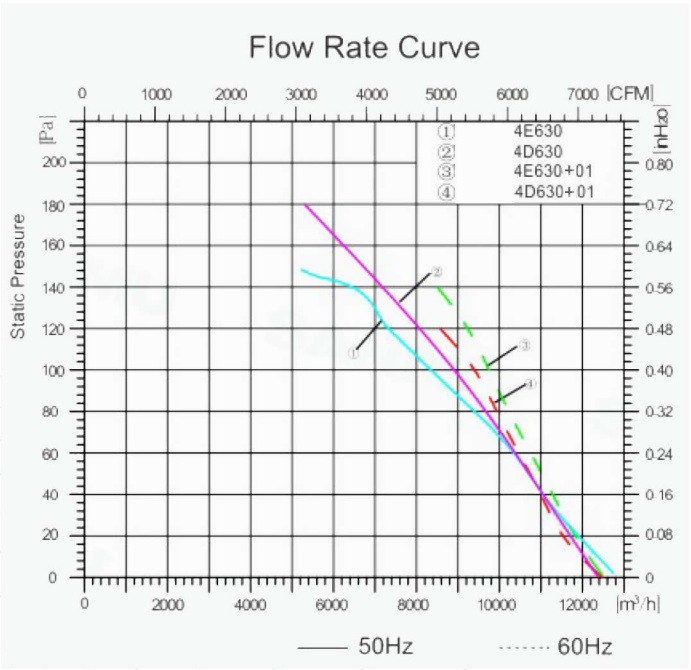
| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ③ | 15 | 50/60 | 180/222 | 0.85/0.98 |
| | 50 | 50/60 | 200/250 | 1.0/1.1 |
| ④ | 10 | 50/60 | 148/184 | 0.37/0.38 |
| | 50 | 50/60 | 168/205 | 0.42/0.47 |




Technical Parameter

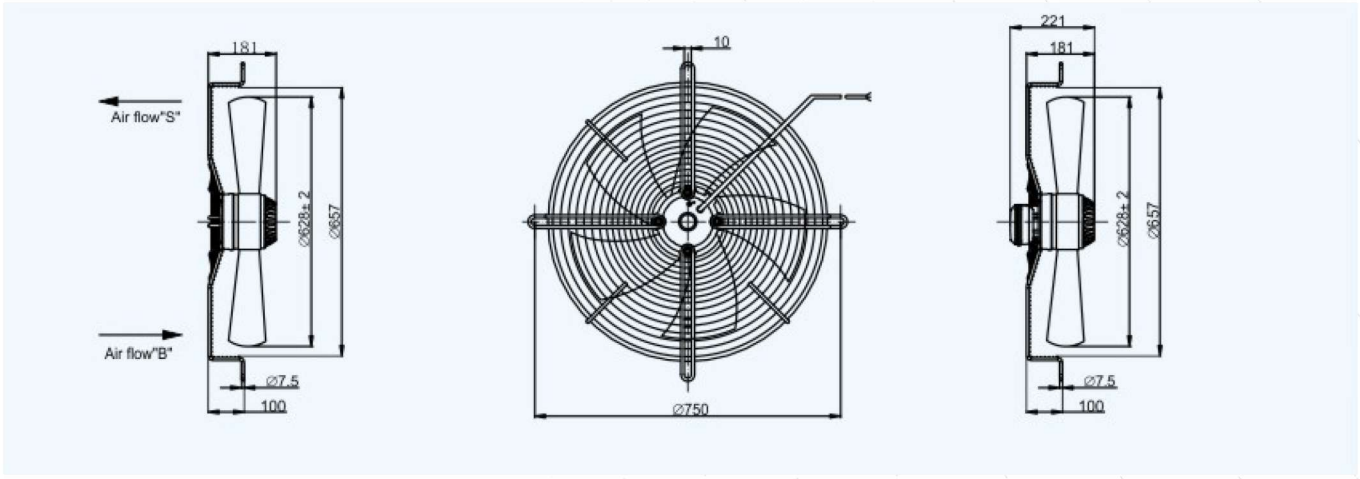
| Model | Voltage (VAC) | Frequency (Hz) | Input Power (W) | Current (A) | Air Volume ($m^3$/h) | Speed (r/min) | Capacitor (μF) | Noise [dB(A)] | Max Environmental Temperature (℃) | Weight (Kg) | A | B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4E600+01 | 230 | 60 | 950 | 4.15 | 10650 | 1550 | 16 | 79 | 50 | 15 | 174 | 221 |
| 4D600+01 | 380 | 60 | 950 | 1.7 | 10800 | 1580 | / | 79 | 50 | 15 | 174 | 221 |
| 8E600 | 230 | 50/60 | 200/250 | 1.0/1.1 | 5200/5800 | 650/710 | 7 | 70/71 | 60 | 12.5 | 154 | 201 |
| 8D600 | 380 | 50/60 | 160/200 | 0.4/0.45 | 5100/5700 | 630/680 | / | 69/70 | 60 | 12.5 | 154 | 201 |

# 4E630 / 4D630 / 4E630+01 / 4D630+01




| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ① | 30 | 50 | 801 | 3.45 |
| | 60 | 50 | 845 | 3.69 |
| ② | 30 | 50 | 730 | 1.86 |
| | 90 | 50 | 868 | 1.96 |

| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ③ | 20 | 60 | 890 | 3.95 |
| | 60 | 60 | 966 | 4.2 |
| ④ | 20 | 60 | 810 | 1.51 |
| | 80 | 60 | 941 | 1.71 |




Technical Parameter

| Model | Voltage (VAC) | Frequency (Hz) | Input Power (W) | Current (A) | Air Volume ($m^3/h$) | Speed (r/min) | Capacitor ( μF) | Noise [dB(A)] | Max Environmental Temperature (℃) | Weight (Kg) |
|---|---|---|---|---|---|---|---|---|---|---|
| 4E630 | 230 | 50 | 810 | 3.5 | 12500 | 1315 | 16 | 78 | 50 | 15 |
| 4D630 | 380 | 50 | 860 | 1.95 | 13000 | 1365 | / | 81 | 50 | 15 |
| 4E630+01 | 230 | 60 | 950 | 4.15 | 12500 | 1550 | 16 | 81 | 50 | 15 |
| 4D630+01 | 380 | 60 | 950 | 1.7 | 12500 | 1580 | / | 81 | 50 | 15 |

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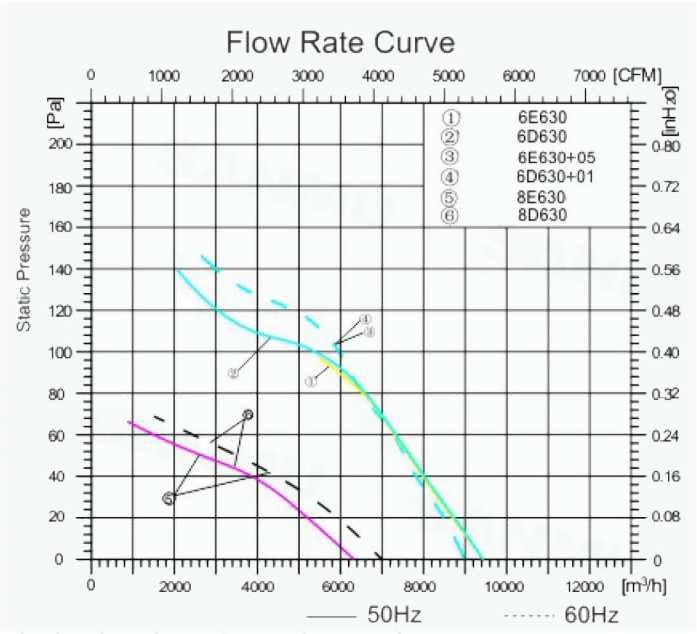
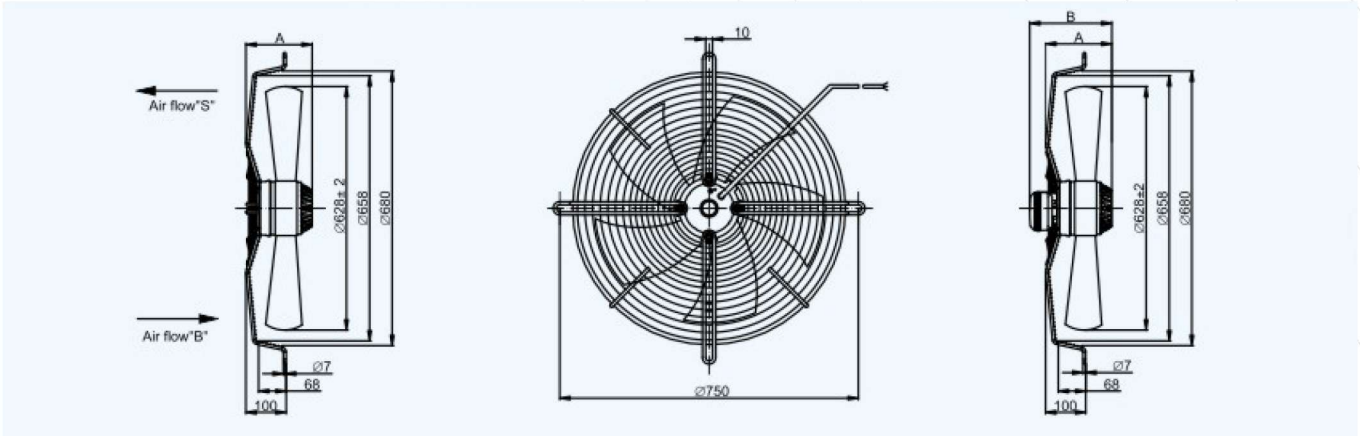
# 6E630 / 6D630 / 6E630+05 / 6D630+01 / 8E630 / 8D630




| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ① | 15 | 50 | 362 | 1.75 |
| | 110 | 50 | 455 | 2.09 |
| ② | 15 | 50 | 369 | 1.4 |
| | 110 | 50 | 485 | 1.41 |

| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ③ | 20 | 60 | 444 | 2.0 |
| | 120 | 60 | 527 | 2.34 |
| ④ | 20 | 60 | 366 | 1.1 |
| | 120 | 60 | 550 | 1.3 |

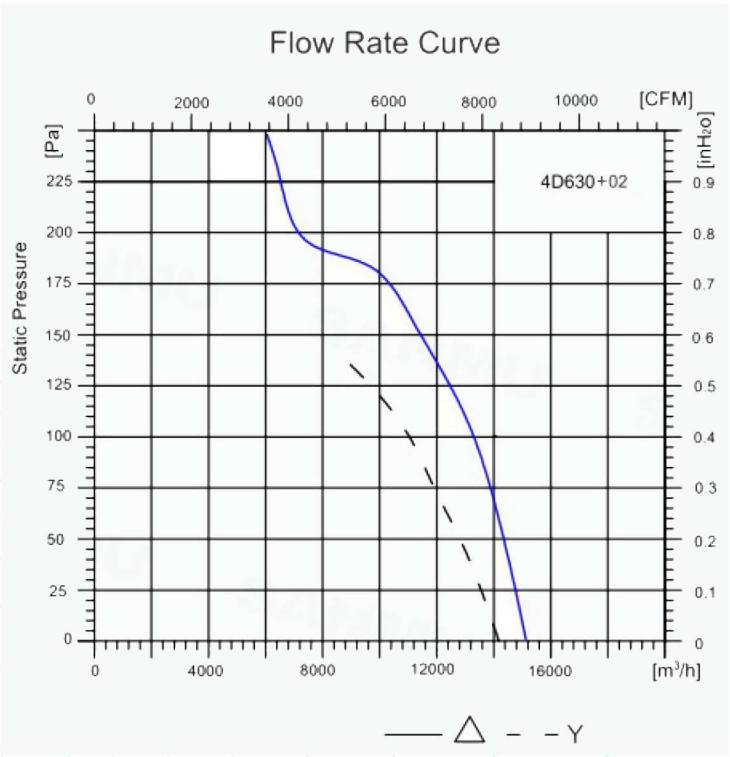
| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ⑤ | 10 | 50/60 | 180/222 | 0.85/0.98 |
| | 40 | 50/60 | 200/250 | 1.0/1.1 |
| ⑥ | 10 | 50/60 | 148/184 | 0.37/0.38 |
| | 50 | 50/60 | 168/220 | 0.42/0.47 |



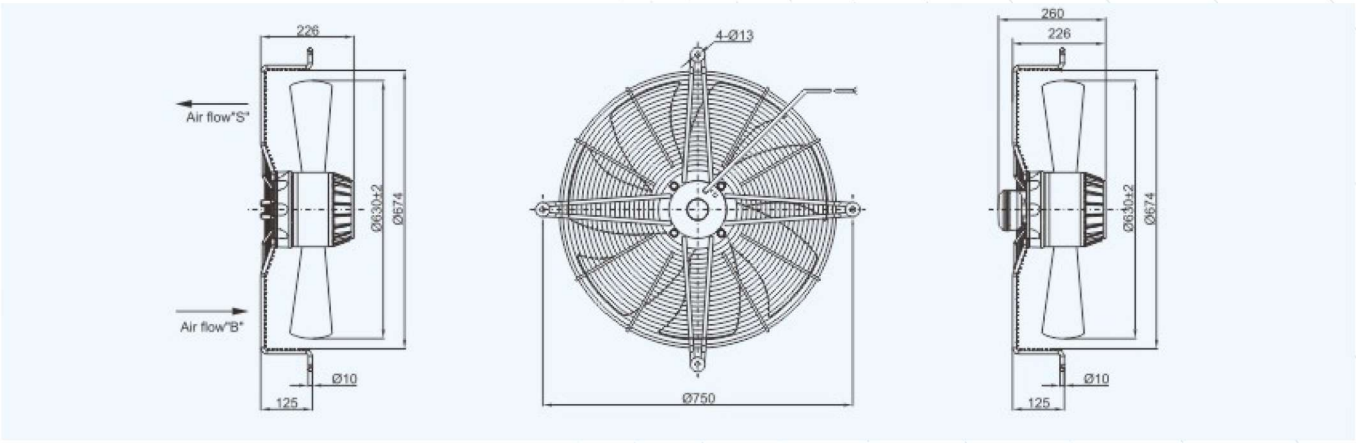

Technical Parameter

| Model | Voltage (VAC) | Frequency (Hz) | Input Power (W) | Current (A) | Air Volume (m³/h) | Speed (r/min) | Capacitor ( μF) | Noise [dB(A)] | Max Environmental Temperature (℃) | Weight (Kg) | A | B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6E630 | 230 | 50 | 500 | 2.2 | 9600 | 930 | 14 | 75 | 50 | 15 | 181 | 221 |
| 6D630 | 380 | 50 | 550 | 1.57 | 9580 | 920 | / | 75 | 50 | 15 | 181 | 221 |
| 6E630+05 | 230 | 60 | 580 | 2.6 | 9000 | 1050 | 14 | 76 | 60 | 15 | 181 | 221 |
| 6D630+01 | 380 | 60 | 550 | 1.3 | 9000 | 1100 | / | 76 | 60 | 15 | 181 | 221 |
| 8E630 | 230 | 50/60 | 200/250 | 1.0/1.1 | 6200/7000 | 650/710 | 7 | 70/71 | 60 | 13.2 | 161 | 201 |
| 8D630 | 380 | 50/60 | 160/200 | 0.41/0.45 | 6100/6900 | 630/680 | / | 69/70 | 60 | 13.2 | 161 | 201 |

# 4D630+02




| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| △ | 60 | 50 | 1590 | 2.79 |
| | 200 | 50 | 1657 | 2.88 |
| Y | 50 | 50 | 1358 | 2.1 |
| | 100 | 50 | 1432 | 2.3 |




Technical Parameter

| Model | Voltage (VAC) | Frequency (Hz) | Input Power (W) | Current (A) | Air Volume ($m^3/h$) | Speed (r/min) | Capacitor ( μF) | Noise [dB(A)] | Max Environmental Temperature (℃) | Weight (Kg) |
|---|---|---|---|---|---|---|---|---|---|---|
| 4D630+02 | 400△/Y | 50 | 1900/1400 | 3.5/2.3 | 15300/11900 | 1350/1050 | / | 81/76 | 50 | 22 |

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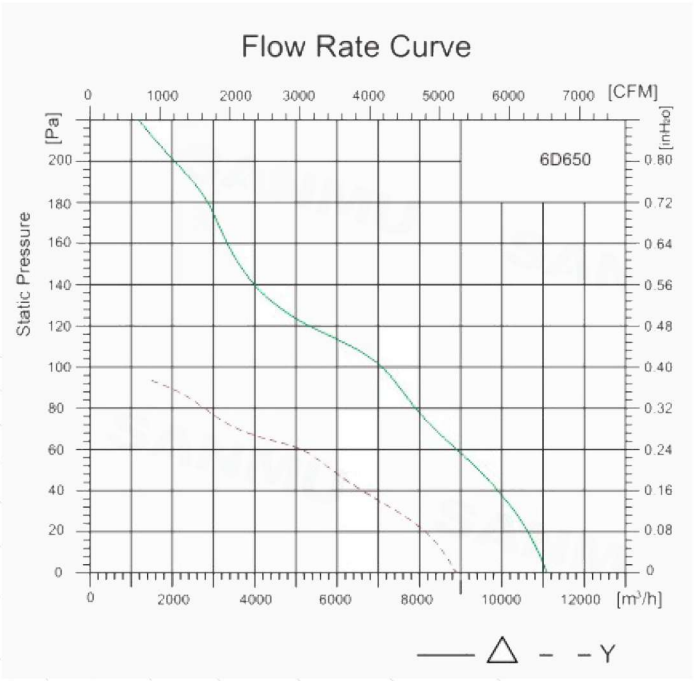
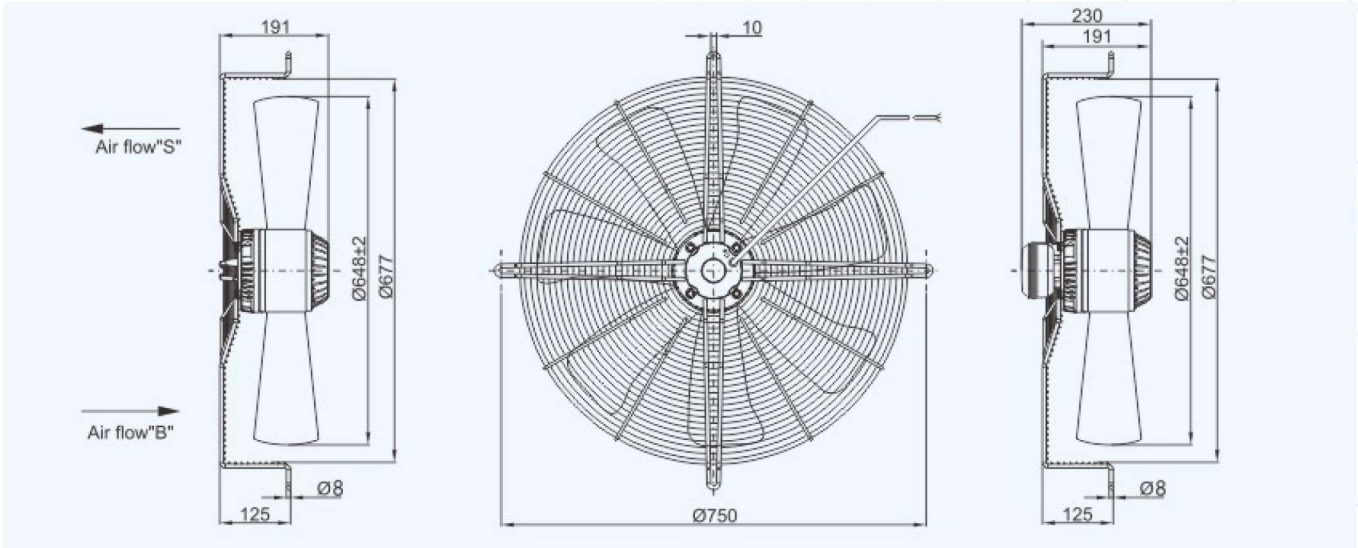
# 6D650




| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| △ | 40 | 50 | 435 | 1.27 |
| | 120 | 50 | 625 | 1.57 |
| Y | 20 | 50 | 395 | 0.74 |
| | 45 | 50 | 448 | 0.8 |




Technical Parameter

| Model | Voltage (VAC) | Frequency (Hz) | Input Power (W) | Current (A) | Air Volume ($m^3$/h) | Speed (r/min) | Capacitor ( μF) | Noise [dB(A)] | Max Environmental Temperature (℃) | Weight (Kg) |
|---|---|---|---|---|---|---|---|---|---|---|
| 6D650 | 380△/Y | 50 | 600/470 | 1.5/0.82 | 11500/9000 | 900/700 | / | 76/70 | 50 | 18 |

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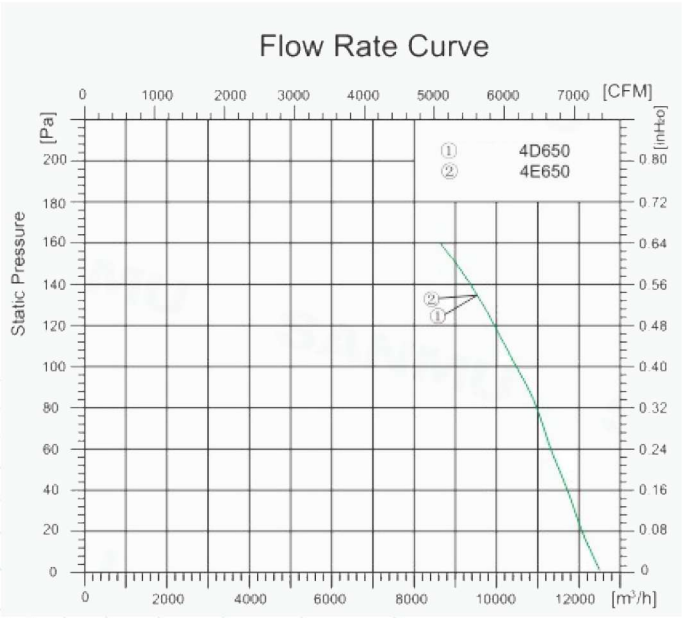
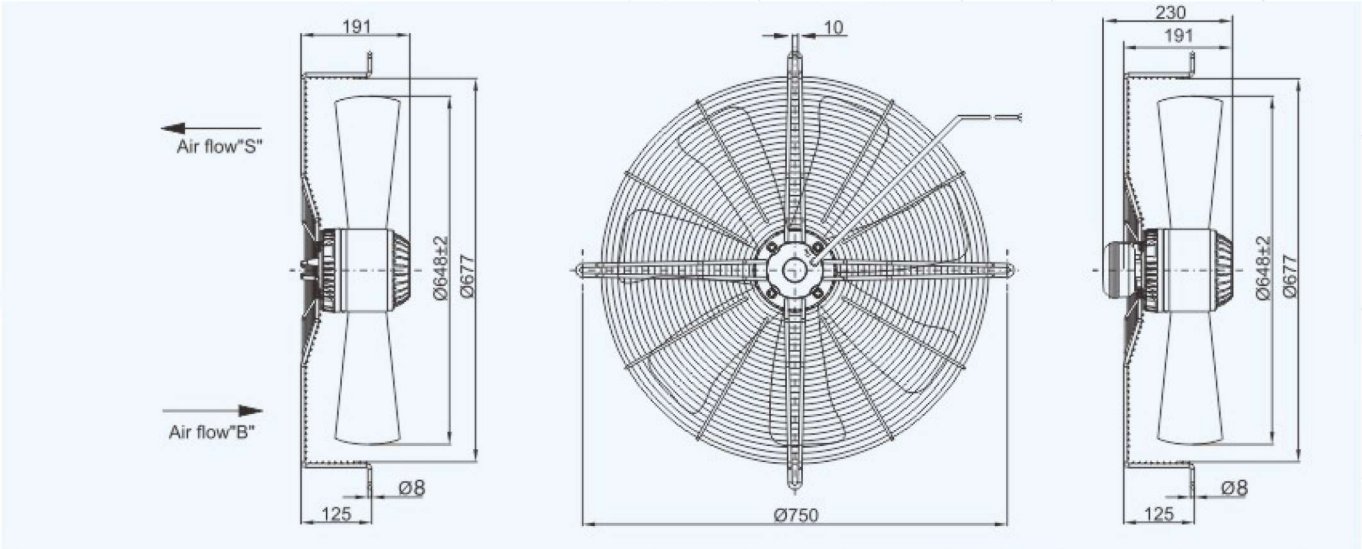
# 4D650 / 4E650




| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ① | 20 | 50 | 960 | 2.17 |
| | 120 | 50 | 1113 | 2.30 |
| ② | 20 | 50 | 950 | 4.35 |
| | 120 | 50 | 1100 | 5.03 |




Technical Parameter

| Model | Voltage (VAC) | Frequency (Hz) | Input Power (W) | Current (A) | Air Volume ($m^3/h$) | Speed (r/min) | Capacitor ( μF) | Noise [dB(A)] | Max Environmental Temperature (℃) | Weight (Kg) |
|---|---|---|---|---|---|---|---|---|---|---|
| 4D650 | 400 | 50 | 1100 | 2.3 | 12500 | 1330 | / | 83 | 60 | 18 |
| 4E650 | 230 | 50 | 1100 | 5.1 | 12500 | 1330 | 36 | 83 | 60 | 18 |

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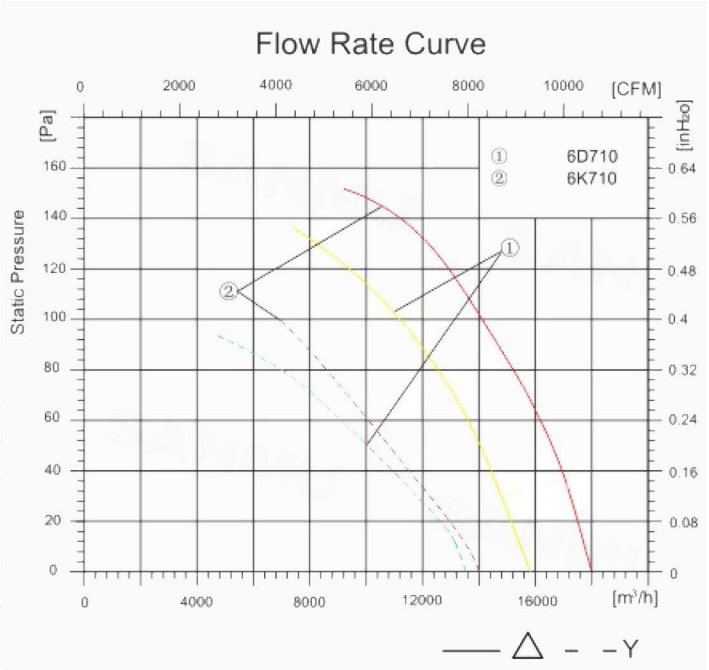
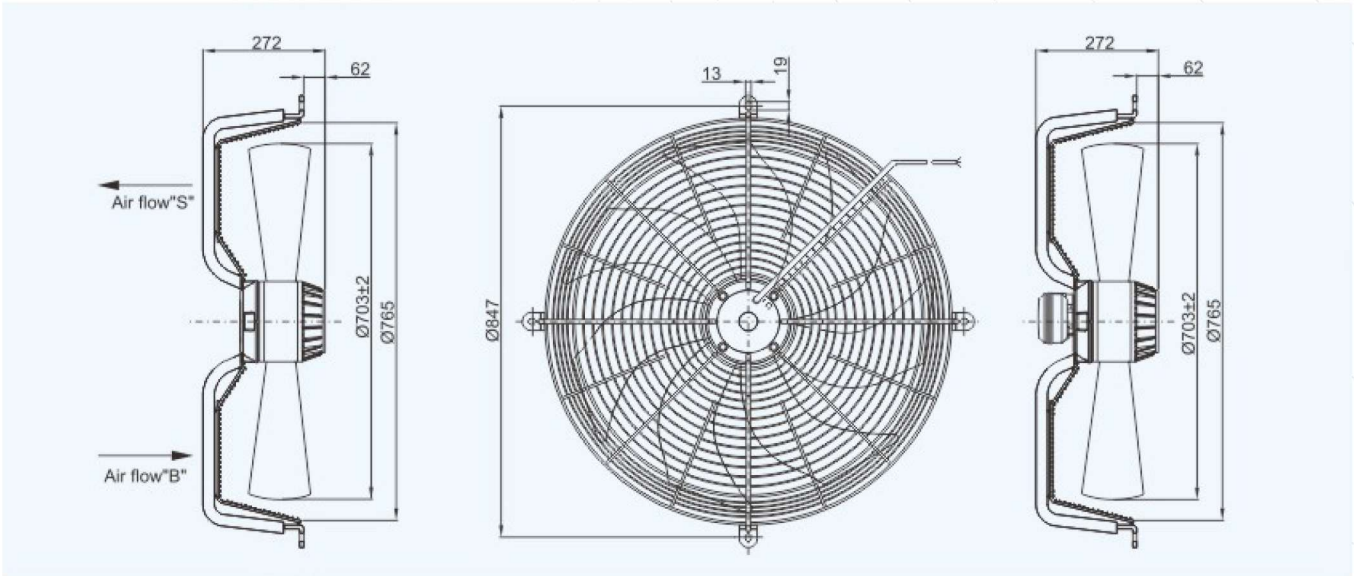
# 6D710 / 6K710




| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ①△ | 40 | 50 | 980 | 2.12 |
| | 130 | 50 | 1103 | 2.35 |
| ①Y | 30 | 50 | 680 | 1.17 |
| | 80 | 50 | 720 | 1.23 |

| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ②△ | 40 | 60 | 1498 | 2.52 |
| | 130 | 60 | 1621 | 2.68 |
| ②Y | 30 | 60 | 810 | 1.33 |
| | 80 | 60 | 850 | 1.28 |




Technical Parameter

| Model | Voltage (VAC) | Frequency (Hz) | Input Power (W) | Current (A) | Air Volume (m³/h) | Speed (r/min) | Capacitor (μF) | Noise [dB(A)] | Max Environmental Temperature (℃) | Weight (Kg) |
|---|---|---|---|---|---|---|---|---|---|---|
| 6D710 | 400△/Y | 50 | 1100/700 | 2.35/1.2 | 15800/13500 | 900/760 | / | 79/73 | 50 | 29 |
| 6K710 | 460△/Y | 60 | 1600/950 | 2.65/1.36 | 18000/14100 | 1050/900 | / | 81/75 | 50 | 29 |

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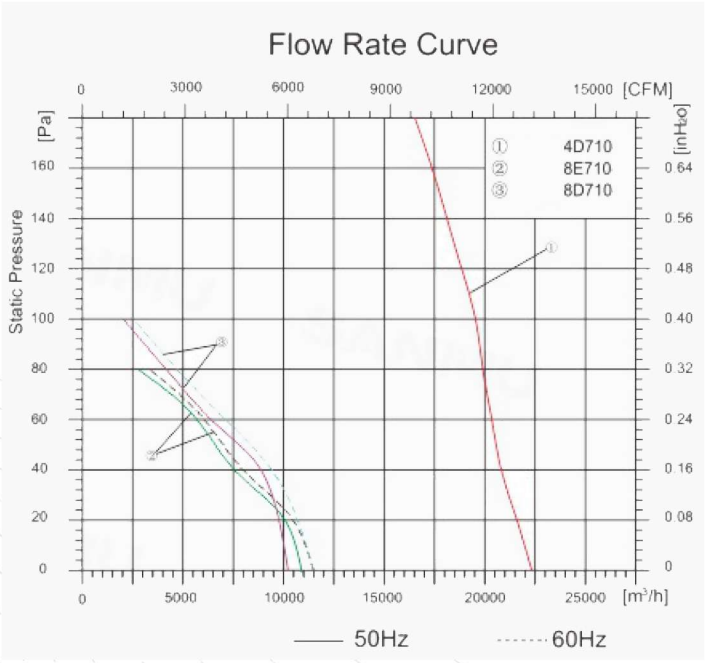
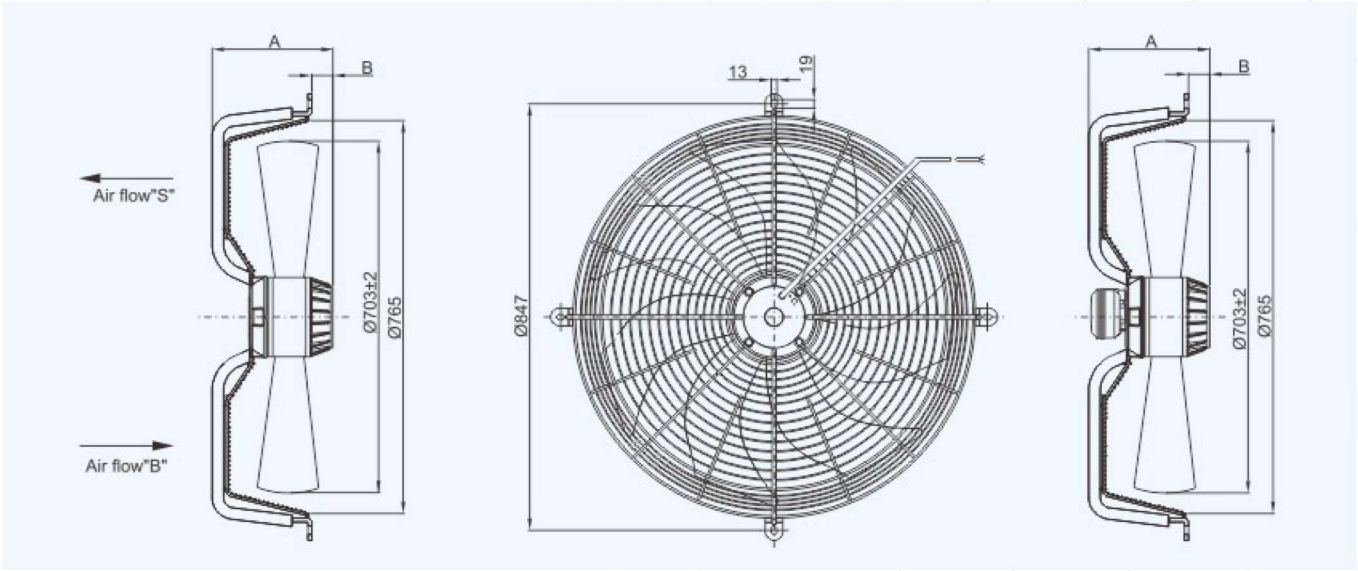
# 4D710 / 8E710 / 8D710




| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ① | 40 | 50 | 2552 | 4.3 |
| | 100 | 50 | 703 | 4.49 |

| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ② | 10 | 50/60 | 457/596 | 2.05/2.59 |
| | 80 | 50/60 | 503/612 | 2.23/2.69 |
| ③ | 20 | 50/60 | 420/536 | 0.9/1.13 |
| | 100 | 50/60 | 501/609 | 1.03/1.24 |




Technical Parameter

| Model | Voltage (VAC) | Frequency (Hz) | Input Power (W) | Current (A) | Air Volume ($m^3/h$) | Speed (r/min) | Capacitor (μF) | Noise [dB(A)] | Max Environmental Temperature (℃) | Weight (Kg) | A | B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4D710 | 400 | 50 | 2700 | 4.6 | 22500 | 1350 | / | 87 | 50 | 33.2 | 289 | 79 |
| 8E710 | 230 | 50/60 | 500/610 | 2.3/2.7 | 11500/12000 | 610/630 | 14 | 71/72 | 60 | 24.6 | 247 | 37 |
| 8D710 | 400 | 50/60 | 500/610 | 1.0/1.2 | 10500/12000 | 610/660 | / | 71/73 | 60 | 24.6 | 247 | 37 |

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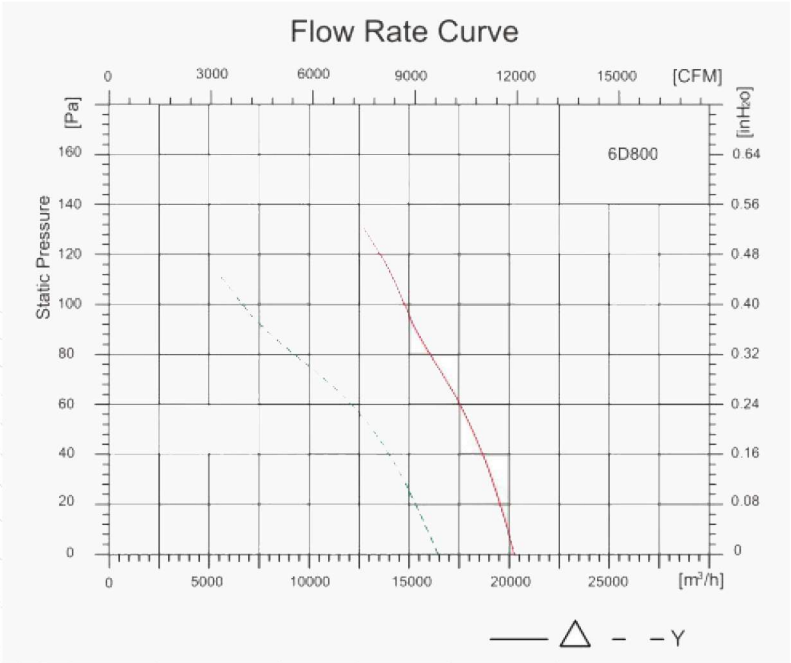
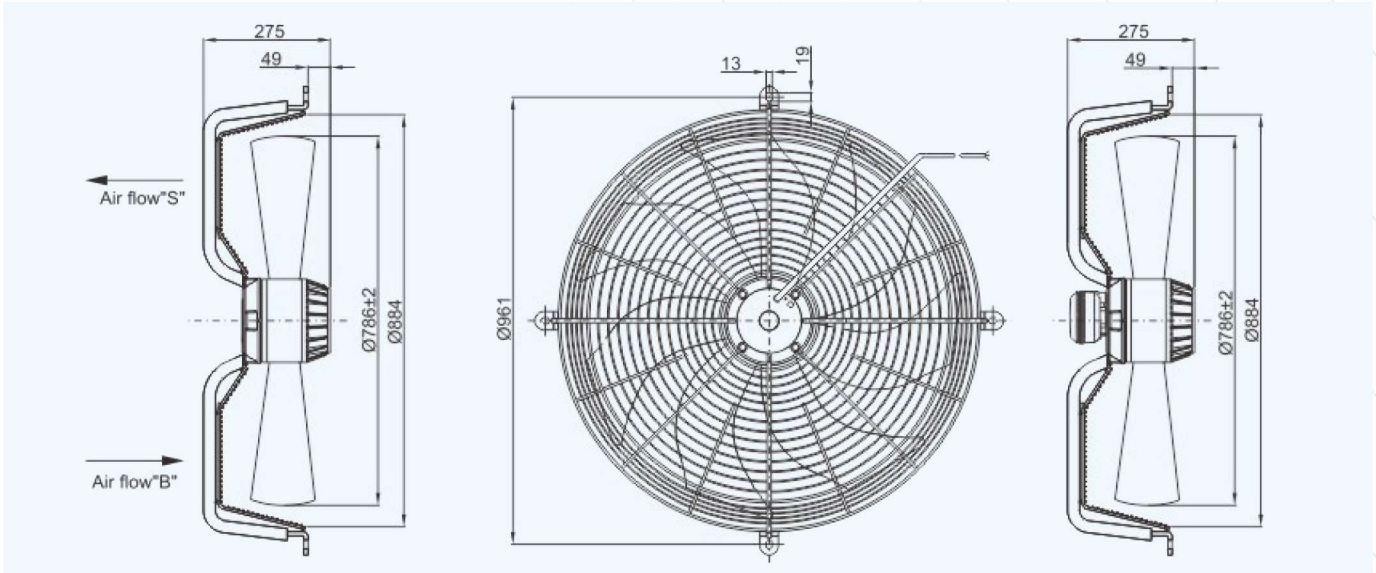
# 6D800




| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| △ | 40 | 50 | 1560 | 3.34 |
| | 140 | 50 | 1650 | 3.65 |
| Y | 30 | 50 | 958 | 1.8 |
| | 65 | 50 | 973 | 1.85 |




Technical Parameter

| Model | Voltage (VAC) | Frequency (Hz) | Input Power (W) | Current (A) | Air Volume (m³/h) | Speed (r/min) | Capacitor ( μF) | Noise [dB(A)] | Max Environmental Temperature (℃) | Weight (Kg) |
|---|---|---|---|---|---|---|---|---|---|---|
| 6D800 | 400△/Y | 50 | 1650/1060 | 3.65/1.94 | 20800/15600 | 880/700 | / | 80/74 | 50 | 31 |

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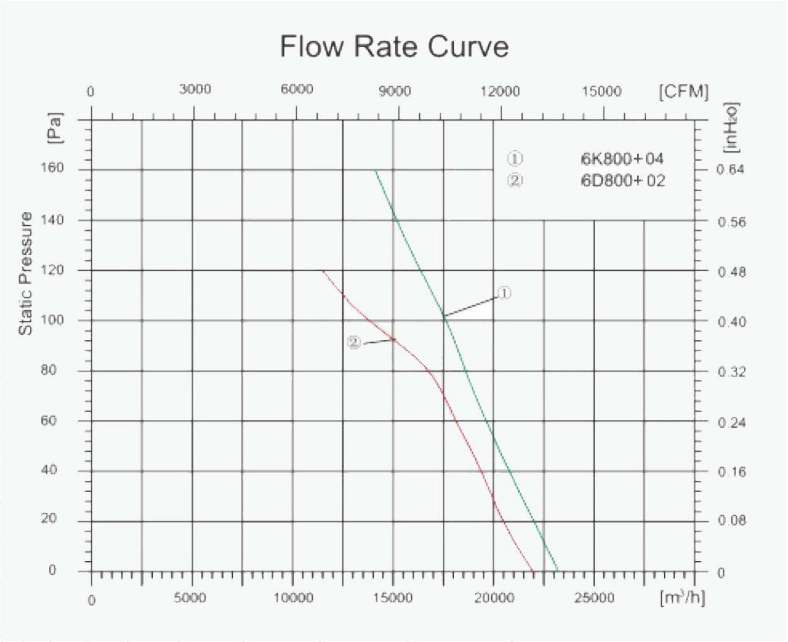
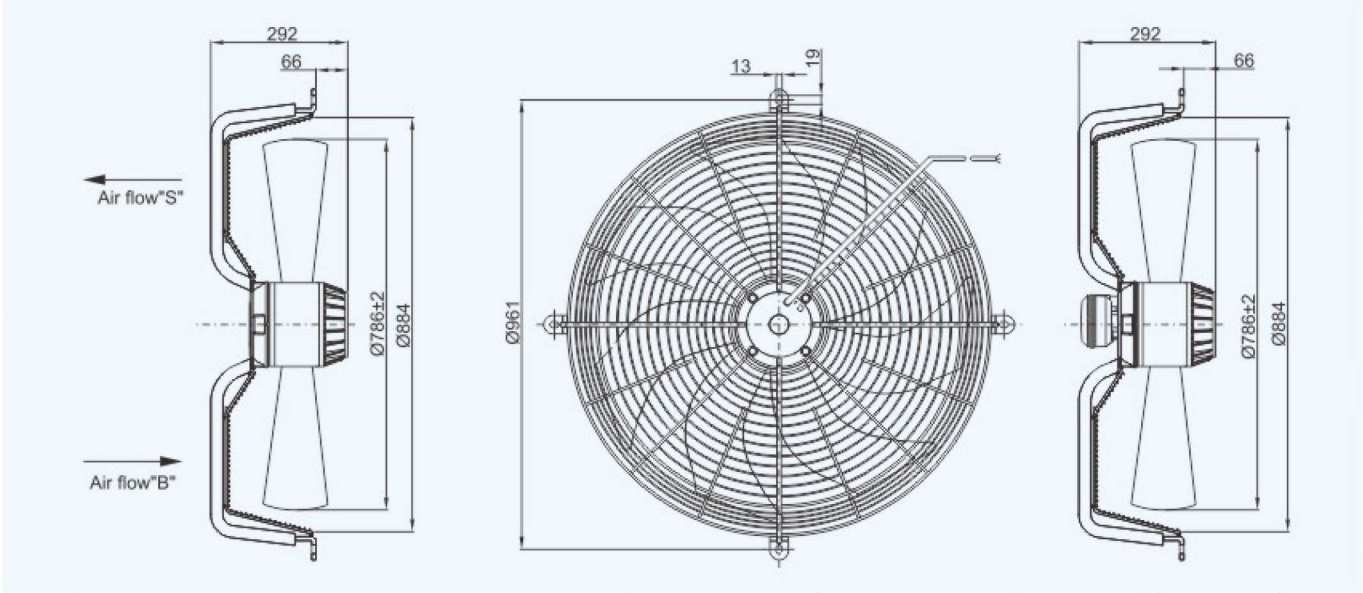
# 6K800+04 / 6D800+02




| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ① | 60 | 50 | 2650 | 4.4 |
| | 150 | 50 | 2700 | 4.5 |
| ② | 40 | 50 | 1833 | 3.44 |
| | 120 | 50 | 1894 | 3.51 |




Technical Parameter

| Model | Voltage (VAC) | Frequency (Hz) | Input Power (W) | Current (A) | Air Volume ($m^3/h$) | Speed (r/min) | Capacitor ( μF) | Noise [dB(A)] | Max Environmental Temperature (℃) | Weight (Kg) |
|---|---|---|---|---|---|---|---|---|---|---|
| 6K800+04 | 460 | 60 | 2700 | 4.5 | 22900 | 1070 | / | 83 | 50 | 36 |
| 6D800+02 | 400 | 50 | 1900 | 3.6 | 22500 | 875 | / | 80 | 55 | 36 |

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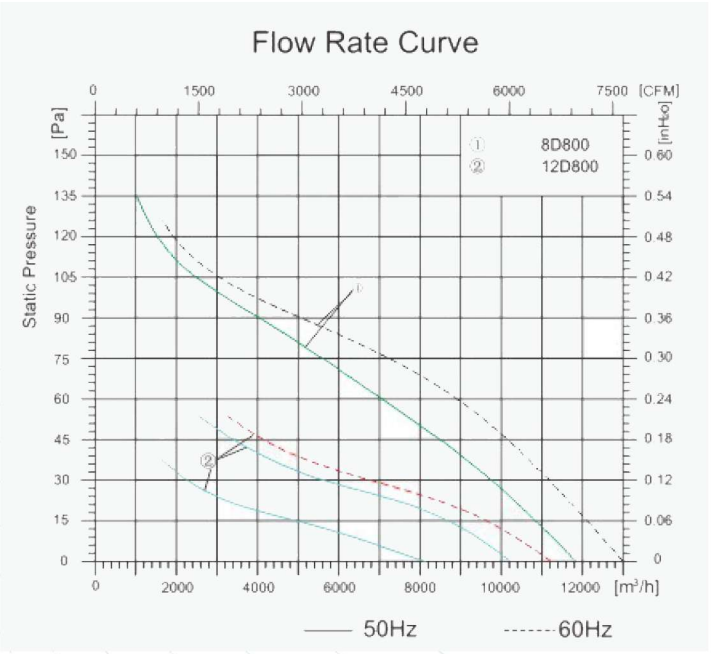
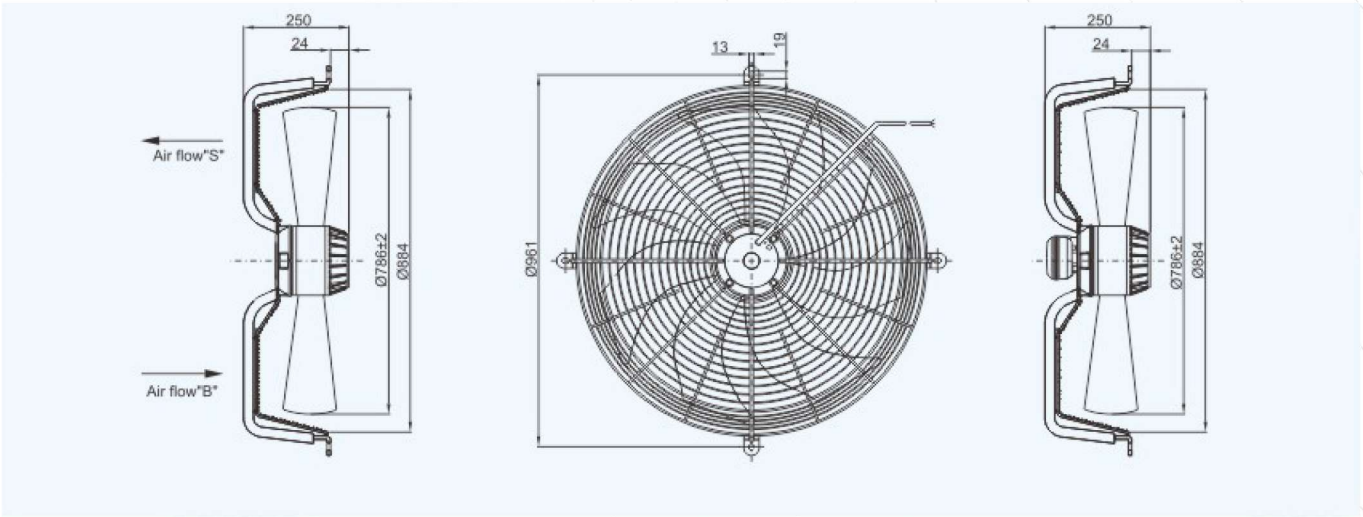
# 8D800 / 12D800




| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ① | 20 | 50 | 452 | 1.16 |
| | 80 | 50 | 528 | 1.22 |
| | 20 | 60 | 612 | 1.26 |
| | 80 | 60 | 645 | 1.29 |

| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ② △ | 10 | 50/60 | 331/362 | 0.98/0.88 |
| | 40 | 50/60 | 337/372 | 0.981/0.91 |
| ② Y | 0 | 50/60 | 162/170 | 0.36/0.38 |
| | 20 | 50/60 | 165/176 | 0.37/0.39 |




Technical Parameter

| Model | Voltage (VAC) | Frequency (Hz) | Input Power (W) | Current (A) | Air Volume ($m^3/h$) | Speed (r/min) | Capacitor ( μF) | Noise [dB(A)] | Max Environmental Temperature (℃) | Weight (Kg) |
|---|---|---|---|---|---|---|---|---|---|---|
| 8D800+02 | 400 | 50/60 | 600/700 | 1.3/1.4 | 12000/13000 | 630/660 | / | 71/73 | 60 | 27.3 |
| 12D800+02 | 400△ | 50/60 | 350/380 | 1.0/0.95 | 10500/11500 | 430/470 | / | 65/67 | 60 | 27.3 |
| | 400Y | 50/60 | 180/190 | 0.45/0.43 | 8100/7500 | 330/320 | / | 63/63 | 60 | |

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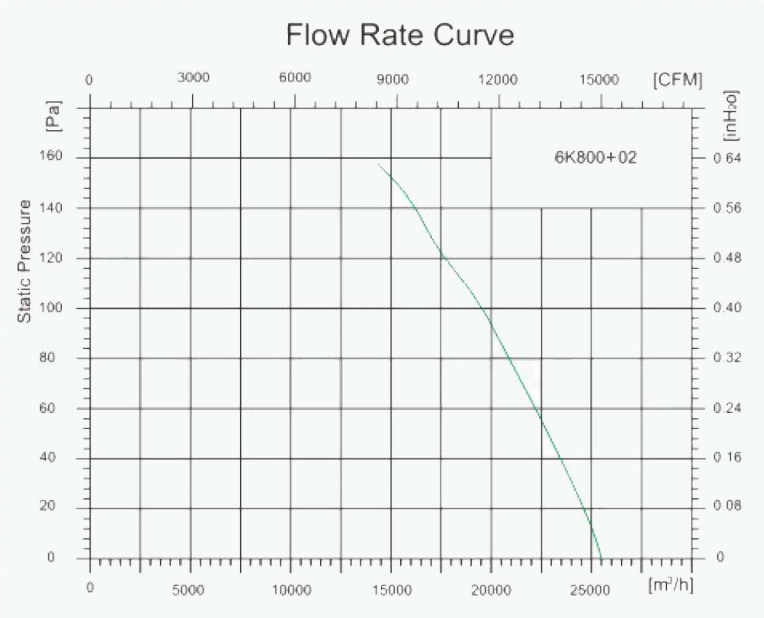
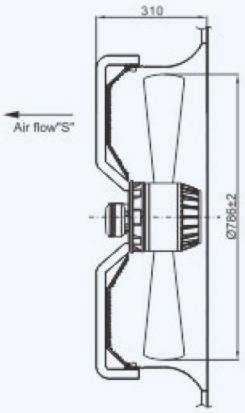
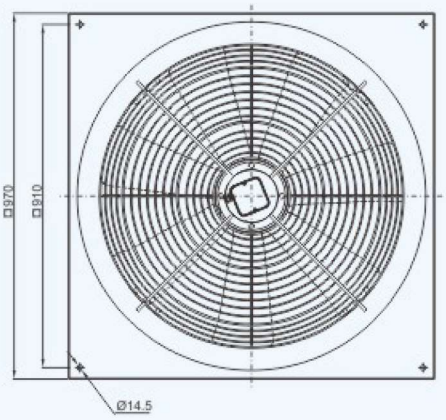
# 6K800+02




| Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|
| 60 | 60 | 2680 | 4.5 |
| 150 | 60 | 2750 | 4.6 |




Technical Parameter

| Model | Voltage (VAC) | Frequency (Hz) | Input Power (W) | Current (A) | Air Volume ($m^3/h$) | Speed (r/min) | Capacitor ( μF) | Noise [dB(A)] | Max Environmental Temperature (℃) | Weight (Kg) |
|---|---|---|---|---|---|---|---|---|---|---|
| 6K800+02 | 460 | 60 | 2600 | 3.8 | 25500 | 1020 | / | 82 | 70 | 51 |

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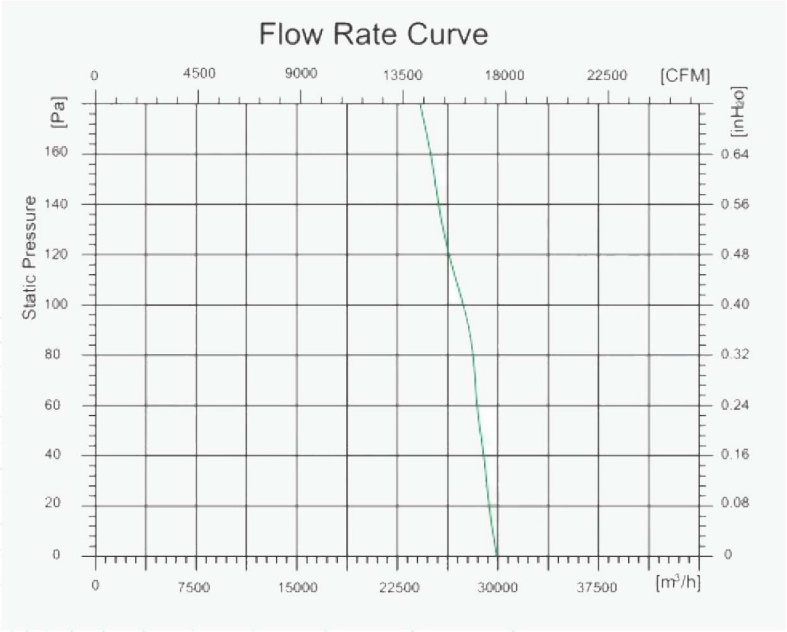
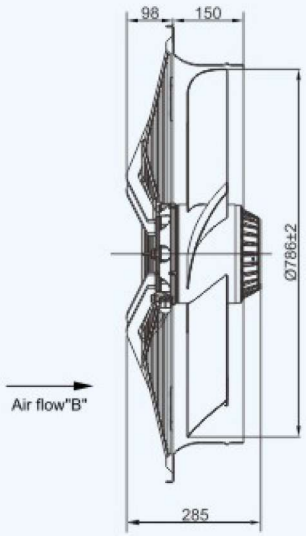
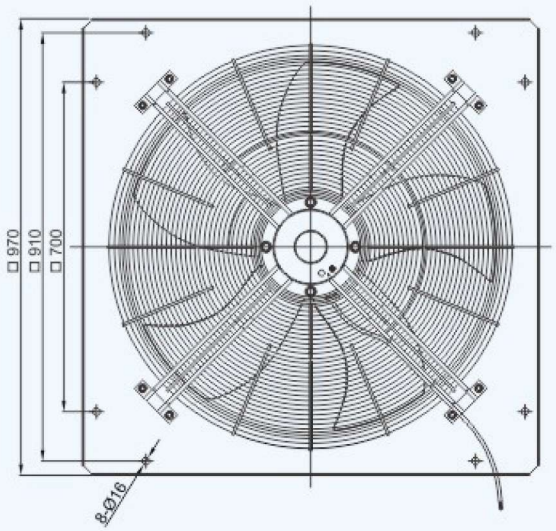
# 4D800




| Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|
| 60 | 50 | 3852 | 6.65 |
| 150 | 50 | 4000 | 7.0 |



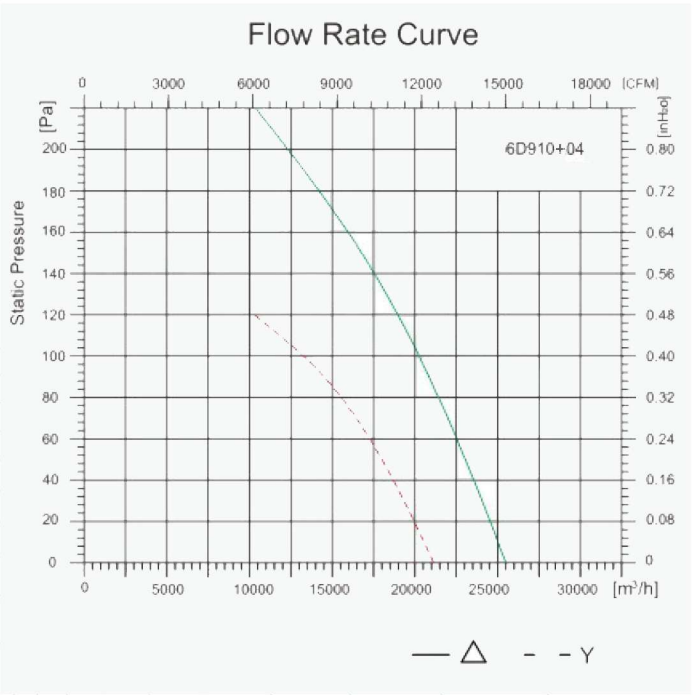




Technical Parameter

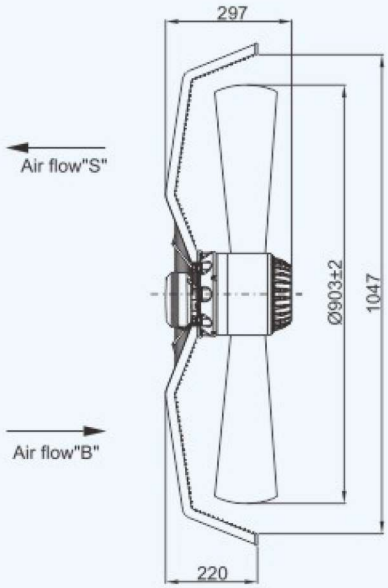
| Model | Voltage (VAC) | Frequency (Hz) | Input Power (W) | Current (A) | Air Volume ($m^3/h$) | Speed (r/min) | Capacitor ( μF) | Noise [dB(A)] | Max Environmental Temperature (℃) | Weight (Kg) |
|---|---|---|---|---|---|---|---|---|---|---|
| 4D800 | 400 | 50 | 4000 | 7.0 | 30000 | 1380 | / | 88 | 80 | 58 |

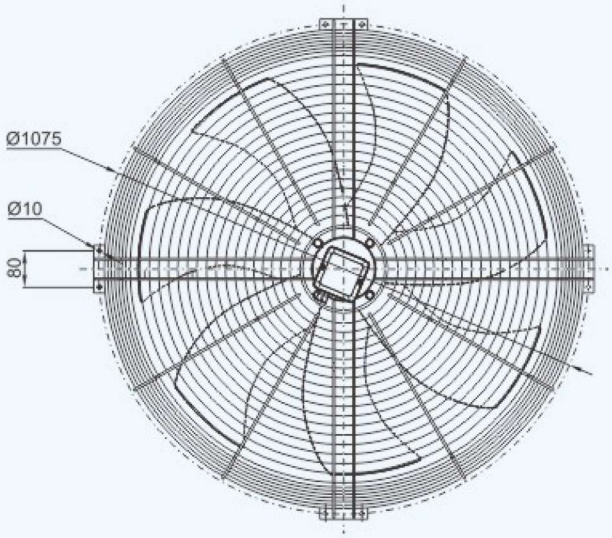
M.C Tech Motors

# 6D910+04




| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| △ | 50 | 50 | 050 | 4.2 |
| | 235 | 50 | 2450 | 4.7 |
| Y | 60 | 50 | 1430 | 2.5 |
| | 120 | 50 | 1550 | 2.6 |

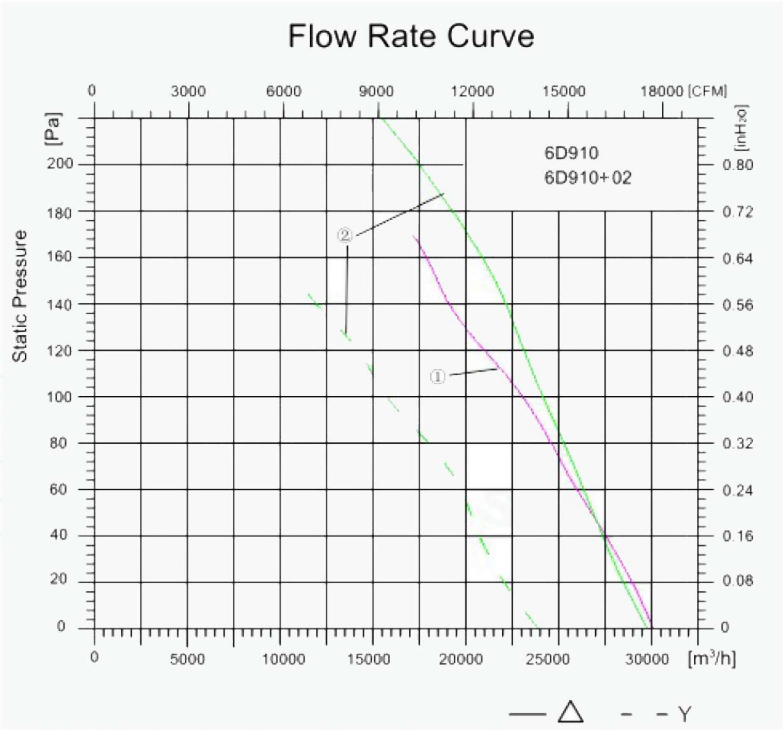



Technical Parameter

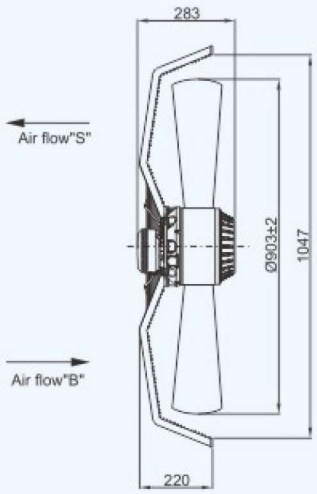
| Model | Voltage (VAC) | Frequency (Hz) | Input Power (W) | Current (A) | Air Volume (m³/h) | Speed (r/min) | Capacitor ( μF) | Noise [dB(A)] | Max Environmental Temperature (℃) | Weight (Kg) |
|---|---|---|---|---|---|---|---|---|---|---|
| 6D910+04 | 400△/Y | 50 | 2450/1550 | 4.7/2.6 | 25500/21000 | 870/670 | / | 82/75 | 50 | 38 |

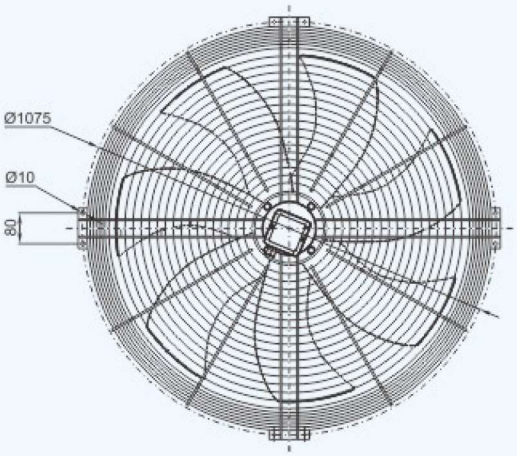
# 6D910 / 6D910+01




| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ① | 50 | 50 | 2855 | 4.97 |
| | 120 | 50 | 3100 | 5.4 |

| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| ② △ | 50 | 60 | 2694 | 4.53 |
| | 150 | 60 | 3000 | 5.1 |
| ② Y | 20 | 60 | 1950 | 3.1 |
| | 120 | 60 | 2100 | 3.6 |



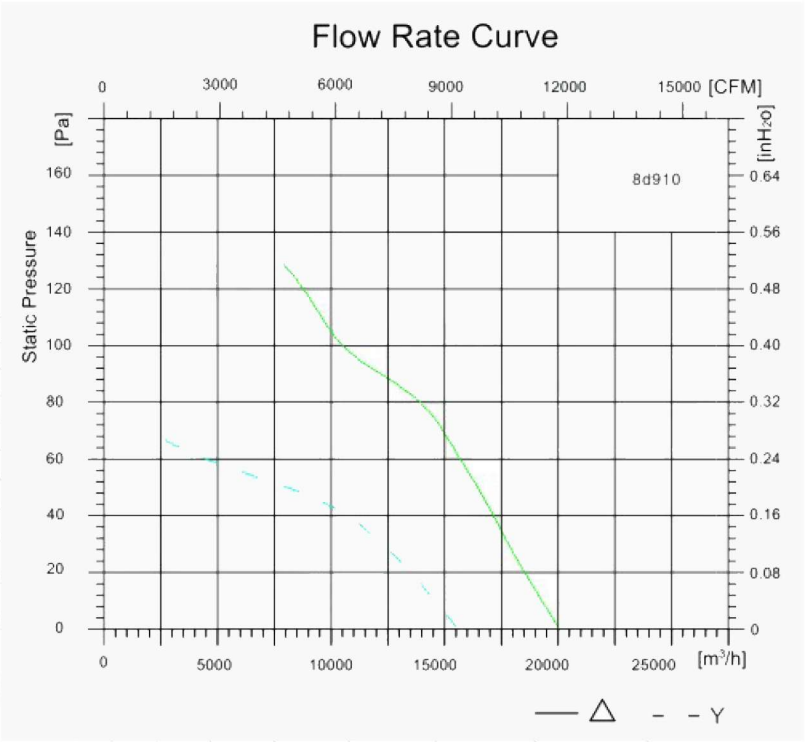




Technical Parameter

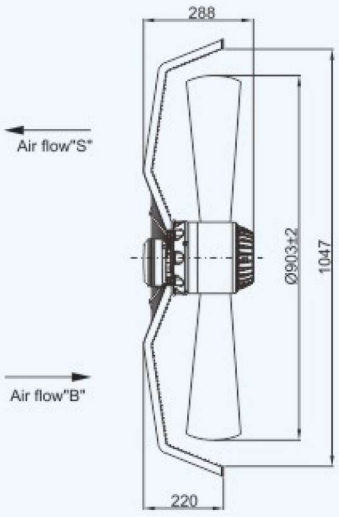
| Model | Voltage (VAC) | Frequency (Hz) | Input Power (W) | Current (A) | Air Volume (m³/h) | Speed (r/min) | Capacitor ( μF) | Noise [dB(A)] | Max Environmental Temperature (℃) | Weight (Kg) |
|---|---|---|---|---|---|---|---|---|---|---|
| 6D910 | 400 | 50 | 3100 | 5.4 | 30000 | 890 | / | 82 | 60 | 42 |
| 6D910+02 | 400△/Y | 60 | 3000/2000 | 5.1/3.4 | 29000/24000 | 1040/830 | / | 86/79 | 60 | 42 |

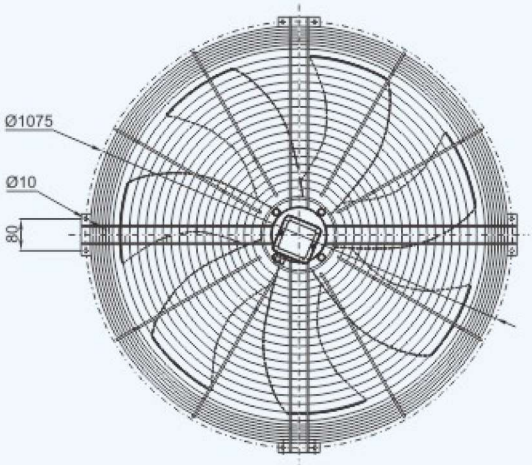
M.C Tech Motors

# 8D910




| NO. | Pst (Pa) | Fre (Hz) | P1 (W) | I (A) |
|---|---|---|---|---|
| △ | 20 | 50 | 865 | 2.03 |
| | 80 | 50 | 994 | 2.16 |
| Y | 10 | 50 | 521 | 0.99 |
| | 50 | 50 | 580 | 1.10 |

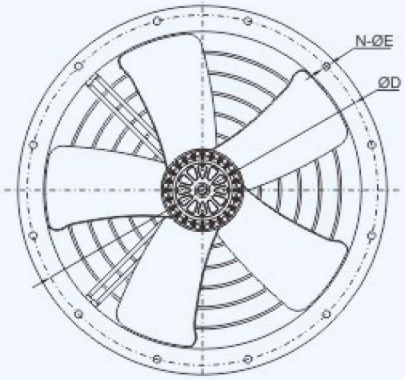


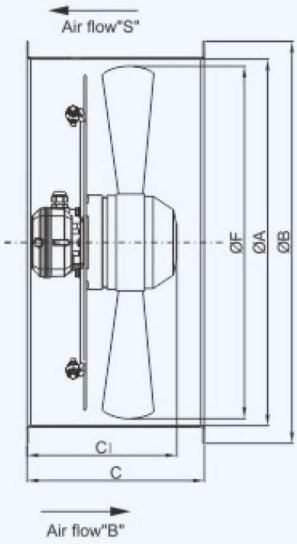



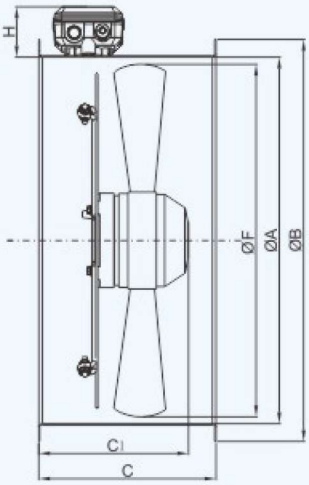

Technical Parameter

| Model | Voltage (VAC) | Frequency (Hz) | Input Power (W) | Current (A) | Air Volume ($m^3/h$) | Speed (r/min) | Capacitor ( μF) | Noise [dB(A)] | Max Environmental Temperature (℃) | Weight (Kg) |
|---|---|---|---|---|---|---|---|---|---|---|
| 8D910 | 400△/Y | 50 | 1000/580 | 2.2/1.1 | 19500/15000 | 650/470 | / | 73/67 | 60 | 33.4 |

# Wind Tube



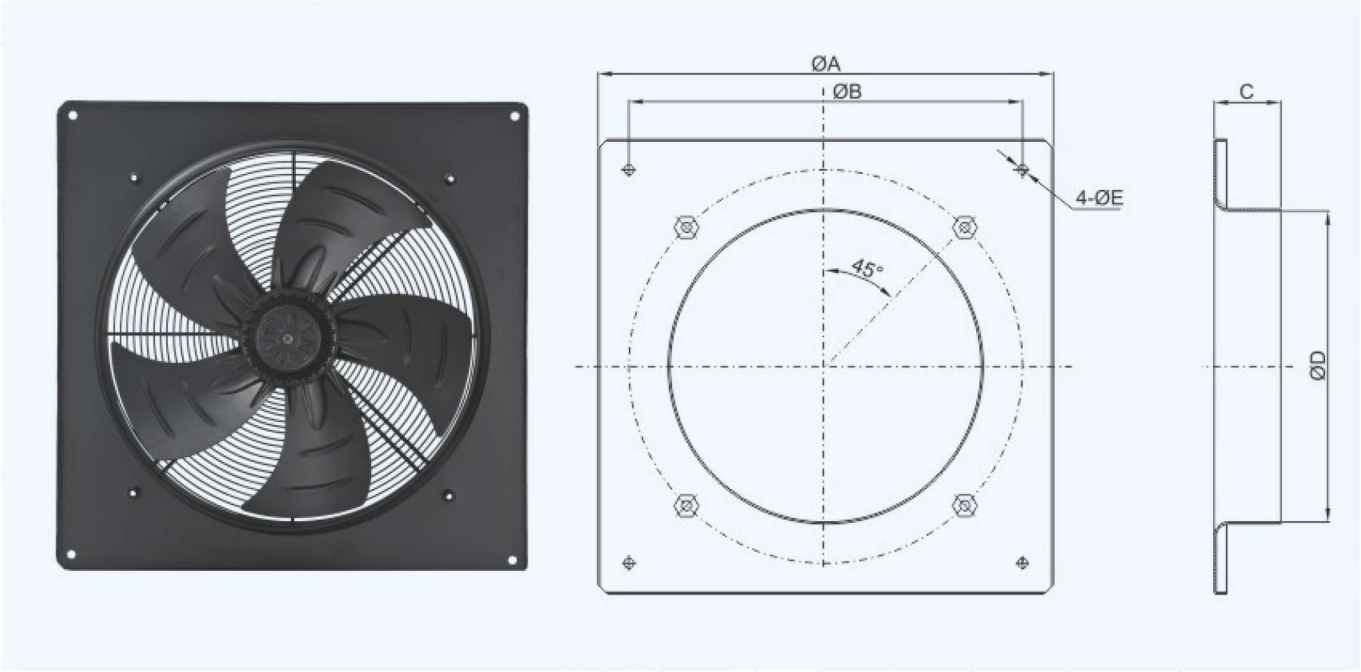




Installation Size

| Size / Model | A | B | C | D | N-ØE | C1 | F | H |
|---|---|---|---|---|---|---|---|---|
| 200 | 208 | 250 | 180 | 230 | 8-Ø7 | 138 | 195 | 52 |
| 250 | 257 | 310 | 180 | 285 | 8-Ø7 | 138 | 250 | 52 |
| 300 | 317 | 382 | 180 | 356 | 8-Ø9.5 | 138 | 300 | 52 |
| 350 | 359 | 421 | 180 | 395 | 8-Ø9.5 | 165 | 350 | 52 |
| 400 | 400 | 465 | 190 | 438 | 12-Ø9.5 | 178 | 391 | 52 |
| 450 | 460 | 515 | 190 | 487 | 12-Ø9.5 | 190 | 446 | 52 |
| 500 | 510 | 567 | 250 | 541 | 12-Ø9.5 | 191 | 499 | 71 |
| 550 | 565 | 635 | 250 | 605 | 16-Ø11.5 | 207 | 553 | 71 |
| 630 | 640 | 707 | 250 | 674 | 16-Ø11.5 | 227 | 628 | 71 |

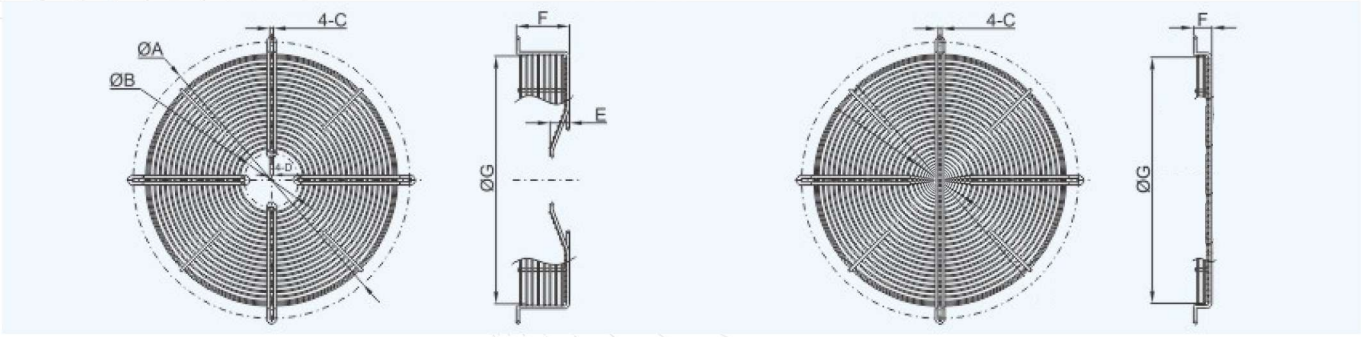
# Square Plate




Installation Size

| Model \ Size | A | B | C | D | E |
|---|---|---|---|---|---|
| CRF/200 | 312 | 260 | 52 | 205 | 7 |
| CRF/250 | 370 | 320 | 55 | 260 | 7 |
| CRF/300 | 430 | 380 | 80 | 315 | 9 |
| CRF/350 | 485 | 435 | 85 | 360 | 9 |
| CRF/400 | 540 | 490 | 100 | 410 | 9 |
| CRF/450 | 575 | 535 | 100 | 460 | 11 |
| CRF/500 | 655 | 615 | 120 | 510 | 11 |
| CRF/550 | 725 | 675 | 135 | 560 | 11 |
| CRF/600 | 805 | 750 | 150 | 615 | 11 |
| CRF/630 | 805 | 750 | 150 | 644 | 11 |
| CRF/710 | 850 | 810 | 170 | 710 | 14.5 |
| CRF/800 | 970 | 910 | 210 | 795 | 14.5 |
| CRF/910 | 1070 | 1010 | 205 | 915 | 14.5 |

# Guard Grill

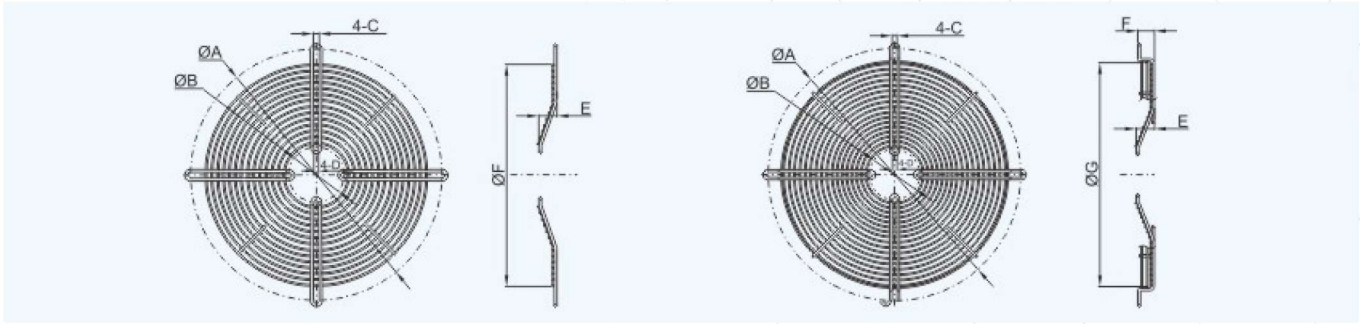



High Concave Guard Grill

| Model \ Size | A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|
| 200 | 250 | 58 | 7 | 6 | 23.5 | 50 | 220 |
| 250 | 320 | 58 | 7 | 6 | 18 | 75 | 282 |
| 300 | 360 | 58 | 7 | 6 | 27 | 75 | 322 |
| 2E/2D300 | 360 | 90 | 7 | 7 | 30 | 80 | 322 |
| 350 | 422 | 90 | 9 | 7 | 30 | 80 | 375 |
| 400 | 470 | 90 | 9 | 7 | 30 | 90 | 422 |
| 450 | 522 | 90 | 9 | 7 | 30 | 90 | 475 |
| 500 | 570 | 115 | 10 | 9 | 30 | 90 | 525 |
| 550 | 624 | 115 | 10 | 9 | 30 | 100 | 575 |
| 600 | 680 | 115 | 10 | 9 | 28 | 100 | 625 |
| 630 | 750 | 115 | 10 | 9 | 35 | 100 | 658 |
| 710 | 847 | 162 | 13 | 10.5 | 85 | 210 | 715 |
| 800 | 961 | 162 | 13 | 10.5 | 90 | 226 | 800 |

Complete Guard Grill

| Model \ Size | C | D | F | G |
|---|---|---|---|---|
| CRX/250 | 7 | 6 | 30 | 275 |
| CRX/300 | 7 | 6 | 30 | 322 |
| CRX/350 | 9 | 7 | 40 | 375 |
| | 9 | 7 | 30 | 375 |
| CRX/400 | 9 | 7 | 32 | 422 |
| CRX/420 | 9 | 7 | 30 | 443 |
| CRX/450 | 9 | 7 | 38 | 475 |
| | 9 | 7 | 30 | 475 |
| CRX/500 | 10 | 9 | 30 | 525 |
| CRX/550 | 10 | 9 | 32 | 575 |
| CRX/630 | 10 | 9 | 32 | 657 |
| CRX/710 | 13 | 10·5 | 100 | 780 |
| CRX/800 | 13 | 10·5 | 90 | 800 |



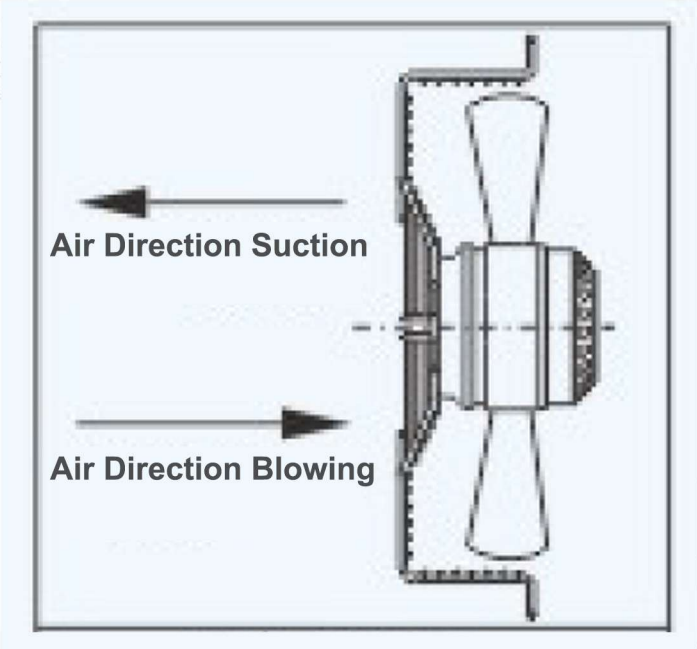

Flat Concave Guard Grill

| Model \ Size | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 300 | 360 | 58 | 7 | 6 | 30 | 318 |
| 350 | 422 | 90 | 9 | 7 | 30 | 370 |
| 400 | 470 | 90 | 9 | 7 | 30 | 420 |
| 450 | 522 | 90 | 9 | 7 | 30 | 470 |
| 500 | 567 | 115 | 9 | 9 | 30 | 520 |
| 550 | 624 | 115 | 10 | 9 | 30 | 570 |
| 630 | 737 | 115 | 10 | 9 | 35 | 650 |

Low Concave and Extra Guard Grill

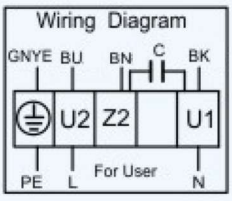
| Model \ Size | A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|
| 300 | 388 | 58 | 7 | 6 | 27 | 40 | 353 |
| 350 | 440 | 90 | 9 | 7 | 33 | 40 | 395 |
| 400 | 522 | 90 | 9 | 7 | 35 | 38 | 475 |
| 450 | 576 | 90 | 9 | 7 | 35 | 40 | 530 |
| 500 | 623 | 115 | 9 | 9 | 30 | 32 | 576 |
| 550 | 675 | 115 | 9 | 9 | 30 | 32 | 634 |
| 630 | 785 | 115 | 9 | 9 | 35 | 30 | 739 |

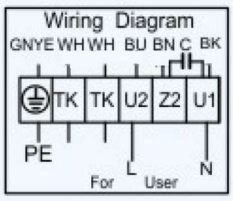
# Axial Fan State Select Reference Drawing



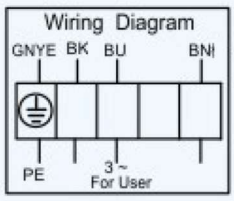

# Common Wiring Diagram

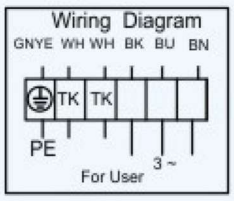
Single Phase Wiring Diagram



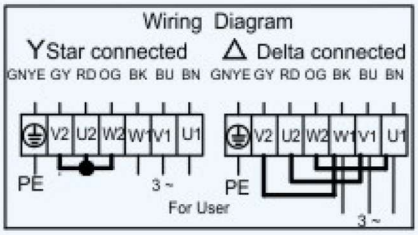



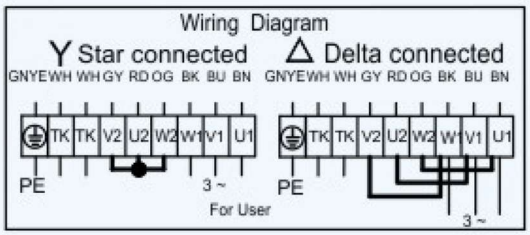

Three Phase Four Wire Wiring Diagram




Three Phase Six Wire Wiring Diagram



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