

# Low Noise Multi-wing Centrifugal Fan

## Product Brief

- High efficiency,low speed,low noise,high air volume,long service life
- With advanced aerodynamic impeller structure and logarithmic spiral shell,it has thecharacteristics of novel and compact structure,small vibration and easy to use andadjust
- Y2.YY series of high-efficiency and energy-saving motors are used in the motorThey are high efficiency,low energy consumption,beautiful and generous inappearance
- Widely used in air conditioning units,large and small hotels,restaurants venti-lationor smoke,can also be used as indoor and outdoor ventilation of general building
- Transport medium is air or other non-spontaneous combustion,harmless gas tohuman body,medium does not contain viscous substances
- Gas temperature is less than 80 C,dust and solid impurities are less than 150mg/m³



## Technical Parameters

| Model        | Power     | Voltage (v) | Frequency (Hz) | Speed (RPM) | Air flow (m³/h) | Air Pressure (Pa) | Noise (dBA) |
|--------------|-----------|-------------|----------------|-------------|-----------------|-------------------|-------------|
| LW11-62-2.5A | 0.75KW-4P | 380/220     | 50             | 1450        | 1700-3300       | 450-350           | ≤65         |
| LW11-62-2.8A | 1.1KW-4P  | 380/220     | 50             | 1450        | 2600-4600       | 570-440           | ≤66         |
| LW11-62-3A   | 1.5KW-4P  | 380/220     | 50             | 1450        | 3100-5500       | 600-450           | ≤67         |
| LW11-62-3.2A | 2.2KW-4P  | 380/220     | 50             | 1450        | 4600-6700       | 760-570           | ≤71         |
|              | 1.1KW-6P  | 380         | 50             | 960         | 2600-5000       | 400-320           | ≤63         |
| LW11-62-3.5A | 3KW-4P    | 380/220     | 50             | 1450        | 5300-8700       | 910-700           | ≤76         |
|              | 1.5KW-6P  | 380         | 50             | 960         | 2900-6400       | 480-390           | ≤68         |
| LW11-62-4A   | 5.5KW-4P  | 380         | 50             | 1450        | 6400-12000      | 1350-1030         | ≤78         |
|              | 2.2KW-6P  | 380         | 50             | 960         | 4600-9800       | 555-440           | ≤70         |
| LW11-62-4.5A | 7.5KW-4P  | 380         | 50             | 1450        | 7500-14300      | 1520-1120         | ≤80         |
|              | 3KW-6P    | 380         | 50             | 960         | 7400-11800      | 780-670           | ≤72         |
| LW11-62-5A   | 5.5KW-6P  | 380         | 50             | 960         | 11000-17100     | 920-710           | ≤75         |

# Low Noise Multi-Wing Centrifugal Fan

## Product Brief

- Low noise,high efficiency,large air volume,high pressure,low vibration,long life, removable foot,flexible installation
- Fan impeller automatic punch blanking,mechanical insertion,after dynamic balancestrict correction,reduce vibration,stable operation,durable
- Y2 aluminium alloy die-casting material is used in the motor,which greatly reduces weight,achieves lightweight,convenient installation and beautiful appearance
- Widely used in telecommunications,power,electricity,electronics,geology coalmines,ships,papermaking and other related industries
- Particularly suitable for printing, plastics, packaging,film blowing,drying,cooling and other machinery and general ventilation



## Technical Parameters

| Model          | Power       | Voltage (v) | Frequency (Hz) | Speed (RPM) | Air flow (m³/h) | Air Pressure (Pa) | Noise (dBA) |
|----------------|-------------|-------------|----------------|-------------|-----------------|-------------------|-------------|
| LWCF-11-1.5A   | 0.55KW-2P   | 380/220     | 50             | 2830        | 830-1080        | 912-720           | ≤72         |
| LWCF-11-2A     | 1.1KW-2P    | 380/220     | 50             | 2830        | 1440-2250       | 1037-790          | ≤74         |
|                | 0.25KW-4P   | 380/220     | 50             | 1450        | 790-1120        | 380-260           | ≤67         |
| LWCF-11-2.5A   | S-0.75KW-4P | 380/220     | 50             | 1450        | 1900-2800       | 490-390           | ≤68         |
| LW*CF-11-2.5A1 | S-0.75KW-4P | 380/220     | 50             | 1450        | 1700-2600       | 530-420           | ≤69         |
| LWCF-11-2.8A   | 0.75KW-4P   | 380/220     | 50             | 1450        | 2500-3800       | 550-420           | ≤68         |
| LW*CF-11-2.8A1 | 0.75KW-4P   | 380/220     | 50             | 1450        | 2100-3500       | 650-470           | ≤69         |
| LWCF-11-3A     | S-1.5KW-4P  | 380/220     | 50             | 1450        | 2890-4300       | 760-640           | ≤70         |
| LWCF-11-3A2    | S-1.5KW-4P  | 380/220     | 50             | 1450        | 3100-5000       | 730-580           | ≤73         |
| LW*CF-11-3A1   | S-1.5KW-4P  | 380/220     | 50             | 1450        | 2600-3900       | 820-670           | ≤74         |
| LWCF-11-3.2A   | S-2.2KW-4P  | 380/220     | 50             | 1450        | 4400-6200       | 890-650           | ≤73         |
| LWCF-11-3.5A   | S-3KW-4P    | 380/220     | 50             | 1450        | 5100-6700       | 1200-950          | ≤75         |
| LWCF-11-4A     | 4KW-4P      | 380         | 50             | 1450        | 6312-10588      | 1402-1140         | ≤78         |
|                | 2.2KW-6P    | 380         | 50             | 960         | 4598-7560       | 592-520           | ≤68         |
| LWCF-11-4.5A   | 5.5KW-4P    | 380         | 50             | 1450        | 7100-12300      | 1590-1200         | ≤80         |
|                | 3KW-6P      | 380         | 50             | 960         | 7400-10300      | 780-700           | ≤72         |
| LWCF-11-5A     | 5.5KW-6P    | 380         | 50             | 960         | 10300-15000     | 870-680           | ≤76         |

## Multi-wing Low Noise Centrifugal Blower

### Product Brief

- Low noise,high efficiency,large air volume,high pressure,low vibration, long life,removable foot,flexible installation.
- Fan impeller automatic punch blanking,mechanical insertion,after dynamic balancestrict correction,reduce vibration,stable operation,durable.
- Y2 aluminium alloy die-casting material is used in the motor,which greatly reduces weight,achieves lightweight,convenient installation and beautiful appearance.
- Widely used in telecommunications,power,electricity,electronics,geology-coalmines,ships,papermaking and other related industries.
- Particularly suitable for printing,plastics,packaging,film blowing,drying, cooling and other machinery and general ventilation.



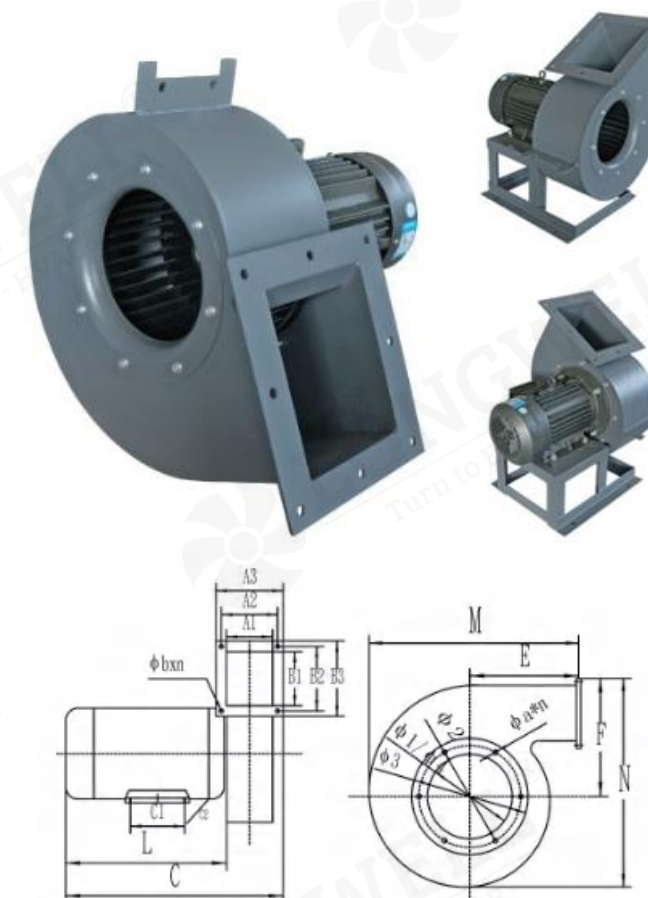
### Technical Parameters

| Model       | Power | Voltage (v) | Frequency (Hz) | Air Pressure (Pa) | Air flow (m³/h) | Speed (RPM) | Noise (dBA) |
|-------------|-------|-------------|----------------|-------------------|-----------------|-------------|-------------|
| LWDF-1.3-I  | 120W  | 220/380     | 50             | 412               | 305             | 2800        | 72          |
| LWDF-1.3-II | 180W  | 220/380     | 50             | 450               | 405             | 2800        | 75          |
| LWDF-1.6-I  | 250W  | 220/380     | 50             | 860               | 504             | 2800        | 75          |
| LWDF-1.6-II | 370W  | 220/380     | 50             | 850               | 660             | 2800        | 76          |
| LWDF-2-I    | 550W  | 220/380     | 50             | 1020              | 860             | 2800        | 76          |
| LWDF-2-II   | 750W  | 220/380     | 50             | 1210              | 1200            | 2800        | 80          |
| LWDF-2-III  | 1.1KW | 220/380     | 50             | 1380-1240         | 1900-2700       | 2800        | 82          |
| LWDF-2.3    | 1.5KW | 220/380     | 50             | 1360-1220         | 2600-3500       | 2800        | 83          |
| LWDF-2.5-I  | 2.2KW | 220/380     | 50             | 1470-1300         | 3300-4000       | 2800        | 84          |
| LWDF-2.5-II | 3KW   | 380         | 50             | 2050-1860         | 3900-4600       | 2800        | 87          |
| LWDF-2.8-I  | 4KW   | 380         | 50             | 2120-1830         | 4500-5400       | 2800        | 90          |
| LWDF-2.8-II | 5.5KW | 380         | 50             | 2360-2010         | 5000-6000       | 2800        | 95          |
| LWDF-8      | 1.1KW | 220/380     | 50             | 1050-1200         | 2100-2700       | 2800        | 82          |
| LWDF-8B     | 1.5KW | 220/380     | 50             | 1240-1400         | 2800-3800       | 2800        | 83          |
| LWDF-9      | 2.2KW | 220/380     | 50             | 1450-1650         | 3000-4200       | 2800        | 84          |

## High Efficiency Low Noise Multi-Wing Fan

### Product Brief

- High efficiency,low noise,high air volume,high pressure and low vibration Lasercutting blanking,high precision,beautiful shape.
- Blower impeller automatic punch blanking,mechanical insertion,after dynamicbalance strict correction,reduce vibration,smooth operation,durable.
- YE series of high-efficiency and energy-saving motors are used in the motor,with highefficiency,low energy consumption,good quality and long service life.
- Widely used in power,electronics,coal mines,geology,paper making, drying.environmental protection and other related industries.
- Particularly suitable for printing.plastics,packaging,film blowing,dust removal,drying,cooling and other machinery and general ventilation.



### Technical Parameters

| Model     | Power | Voltage (v) | Frequency (Hz) | Speed (RPM) | Air flow (m³/h) | Air Pressure (Pa) |
|-----------|-------|-------------|----------------|-------------|-----------------|-------------------|
| LWDF-2.5A | 2.2KW | 380         | 50             | 2840        | 3000-3600       | 1780-1550         |
| LWDF-2.5A | 3KW   | 380         | 50             | 2870        | 3800-4600       | 2050-1700         |
| LWDF-2.8A | 4KW   | 380         | 50             | 2890        | 4500-5400       | 2120-1830         |
| LWDF-2.8A | 5.5KW | 380         | 50             | 2900        | 5000-6000       | 2360-2010         |
| LWDF-3A   | 7.5KW | 380         | 50             | 2900        | 5600-6700       | 2700-2290         |

### Installation Dimension

| Model     | Power | Outlet flange size |     |     |     |     |     |       | Lnlet flange dimensions |     |      | Outline size |     |     |     |     |     |     |     |     |     |
|-----------|-------|--------------------|-----|-----|-----|-----|-----|-------|-------------------------|-----|------|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|           |       | A1                 | A2  | A3  | B1  | B2  | B3  | Φb*n  | Φ1                      | Φ2  | Φa*n | C1           | C2  | C   | L   | M   | N   | E   | F   |     |     |
| LWDF-2.5A | 2.2KW | 160                | 195 | 225 | 170 | 208 | 238 | Φ11*8 | 165                     | 280 | Φ7*8 | 125          | 140 | 465 | 300 | 300 | 300 | 300 | 300 | 300 | 300 |
| LWDF-2.5A | 3KW   | 175                | 200 | 240 | 205 | 240 | 272 | Φ11*8 | 183                     | 268 | Φ7*8 | 140          | 160 | 505 | 325 | 325 | 325 | 325 | 325 | 325 | 325 |
| LWDF-28A  | 4KW   | 155                | 190 | 220 | 250 | 290 | 320 | Φ11*8 | 205                     | 280 | Φ7*8 | 140          | 190 | 505 | 345 | 345 | 345 | 345 | 345 | 345 | 345 |
| LWDF-2.8A | 5.5KW | 175                | 220 | 260 | 250 | 294 | 334 | Φ11*8 | 205                     | 280 | Φ7*8 | 140          | 216 | 578 | 400 | 400 | 400 | 400 | 400 | 400 | 400 |
| LWDF-3A   | 7.5KW | 175                | 220 | 260 | 250 | 294 | 334 | Φ11*8 | 205                     | 280 | Φ7*8 | 140          | 216 | 578 | 400 | 400 | 400 | 400 | 400 | 400 | 400 |

## Special fan for welding fume dedusting

### Product Brief

- Low noise,high wind volume.Silver bull independent research anddevelopment design,for the first time in China.
- New standard rivet nuts ( embedded ) to facilitate user docking and reduceflange costs.
- On the basis of the old model,a new impeller design is adopted to increase thewind pressure and volume.
- And in the fan intake side of the integrated molding,optimize the intake diversion,increase strength.



### Technical Parameters

| Model       | Power | Voltage (v) | Frequency (Hz) | Speed (RPM) | Air flow (m³/h) | Air Pressure (Pa) | Noise (dB) | Hole spacing (mm) |
|-------------|-------|-------------|----------------|-------------|-----------------|-------------------|------------|-------------------|
| LWHY-2-III  | 1.1KW | 220/380     | 50             | 2800        | 1900-2400       | 1350-1240         | 82         | 190/205           |
| LWHY-2.3    | 1.5KW | 220/380     | 50             | 2840        | 2500-3100       | 1510-1390         | 83         | 248/205           |
| LWHY-2.5-I  | 2.2KW | 220/380     | 50             | 2840        | 3400-4100       | 1720-1580         | 84         | 268/205           |
| LWHY-2.5-II | 3KW   | 380         | 50             | 2870        | 3800-4600       | 1900-1740         | 85         | 268               |
| LWHY-2.8A   | 4KW   | 380         | 50             | 2890        | 4500-5400       | 2120-1830         | 90         | 315               |
| LWHY-2.8A   | 5.5KW | 380         | 50             | 2900        | 5000-6000       | 2360-2010         | 95         | 315               |

### Lnstallation Dimension

| Model       | Power | Outlet flange size |     | Lnlet flange dimensions |     |      | Outline size |     |     |     |     |     |  |
|-------------|-------|--------------------|-----|-------------------------|-----|------|--------------|-----|-----|-----|-----|-----|--|
|             |       | A1                 | B1  | Φ1                      | Φ2  | Φa*n | C1           | C2  | M   | N   | L   | C   |  |
| LWHY-2-III  | 1.1KW | 130                | 155 | 165                     | 190 | Φ8*6 | 100          | 125 | 335 | 387 | 245 | 395 |  |
| LWHY-2.3    | 1.5KW | 130                | 161 | 165                     | 248 | Φ8*6 | 100          | 140 | 364 | 425 | 270 | 385 |  |
| LWHY-2.5-I  | 2.2KW | 130                | 176 | 165                     | 268 | Φ8*6 | 125          | 140 | 385 | 435 | 296 | 430 |  |
| LWHY-2.5-II | 3KW   | 130                | 206 | 165                     | 268 | Φ8*6 | 140          | 160 | 400 | 445 | 330 | 470 |  |
| LWHY-2.8A   | 4KW   | 155                | 250 | 260                     | 315 | Φ6*8 | 140          | 190 | 485 | 550 | 381 | 540 |  |
| LWHY-2.8A   | 5.5KW | 175                | 250 | 260                     | 315 | Φ6*8 | 140          | 216 | 485 | 550 | 441 | 618 |  |

## Boiler Induced Draft Fan (High Temperature Resistance)

### Product Brief

- Draw lessons from foreign advanced prototype,according to the boiler industry professionalresearch and development,design of new boiler fan.
- High temperature resistance,high efficiency,high air volume low vibration, low noise.laser cuttingof wind shells,beautiful shape.
- Y2 aluminium alloy die-casting material is used in the motor,which greatly reduces weight,achieveslightweight convenient installation and novel shape .
- The main components of the motor are high temperature resistant materials ( high temperaturebearings,high temperature grease,high temperature insulation materials,etc).
- The motor is cooled by connecting the heat insulating connecting seat ( with internal cooling vanes )with the wind housing to ensure the normal operation of the motor at high temperature.
- Widely used in heating furnace,hot air stove,numerical control boiler, steam boiler.dryingchemical industry,food,grain machinery And other related industries.
- Normal operating temperature of fan:180°C-200°C.



### Technical Parameters

| Model  | Power | Voltage (v) | Frequency (Hz) | Speed (RPM) | Air flow (m³/h) | Air Pressure (Pa) |
|--------|-------|-------------|----------------|-------------|-----------------|-------------------|
| LW5-47 | 60W   | 220/380     | 50             | 2800        | 240             | 310               |
| LW5-47 | 90W   | 220/380     | 50             | 2800        | 350             | 360               |
| LW5-47 | 120W  | 220/380     | 50             | 2800        | 480             | 450               |
| LW5-47 | 180W  | 220/380     | 50             | 2800        | 650             | 510               |
| LW5-47 | 250W  | 220/380     | 50             | 2800        | 860             | 580               |
| LW5-47 | 370W  | 220/380     | 50             | 2800        | 1100            | 650               |
| LW5-47 | 550W  | 220/380     | 50             | 2800        | 1450            | 680               |
| LW5-47 | 750W  | 220/380     | 50             | 2800        | 1810            | 790               |
| LW5-47 | 1.1KW | 220/380     | 50             | 2800        | 2250            | 940               |
| LW5-47 | 1.5KW | 220/380     | 50             | 2800        | 2800            | 1140              |
| LW5-47 | 2.2KW | 220/380     | 50             | 2800        | 3100            | 1280              |
| LW5-47 | 3KW   | 220/380     | 50             | 2800        | 3800            | 1580              |

## Centrifugal fan(aluminium fan)

### Product Brief

- Large air volume,low vibration and low noise.Laser cutting blanking greatly improves theaccuracy of the product,and the shape is beautiful and generous.
- YE series of high-efficiency and energy-saving motors are used in the motor,with highefficiency,low energy consumption,good quality and long service life.
- Widely used in industrial and mining enterprises,large buildings,factories,hotels,restaurantsand other indoor and outdoor ventilation.
- Particularly suitable for heating furnace,hot blast stove,drying,chemical industry,food,grainmachinery and other related industries.
- Optional high temperature resistant extended shaft motor,high temperature resistant 200°C.

### Technical Parameters

| Model       | Power    | Voltage (v) | Frequency (Hz) | Speed (RPM) | Air flow (m³/h) | Air Pressure (Pa) |
|-------------|----------|-------------|----------------|-------------|-----------------|-------------------|
| LW4-72 2.5A | 0.75KW-2 | 380         | 50             | 2830        | 785-1550        | 750-455           |
|             | 1.1KW-2  | 380         | 50             | 2830        | 805-1677        | 792-483           |
| LW4-72 2.8A | 1.5KW-2  | 380         | 50             | 2840        | 1131-2356       | 994-606           |
| LW4-72 3.2A | 1.1KW-4  | 380         | 50             | 1450        | 884-1758        | 324-198           |
|             | 2.2KW-2  | 380         | 50             | 2840        | 1688-3517       | 1300-792          |
| LW4-72 3.6A | 1.1KW-4  | 380         | 50             | 1450        | 1332-2634       | 393-247           |
|             | 3KW-2    | 380         | 50             | 2870        | 2664-5268       | 1578-989          |
|             | 4KW-2    | 380         | 50             | 2890        | 2850-5500       | 1686-1030         |
| LW4-72 4A   | 1.1KW-4  | 380         | 50             | 1450        | 2006-3709       | 501-329           |
|             | 5.5KW-2  | 380         | 50             | 2900        | 4012-7419       | 2014-1320         |
| LW4-72 4.5A | 1.1KW-4  | 380         | 50             | 1450        | 2856-5281       | 634-416           |
|             | 7.5KW-2  | 380         | 50             | 2900        | 5712-10562      | 2554-1673         |
| LW4-72 5A   | 2.2KW-4  | 380         | 50             | 1450        | 3864-7728       | 790-502           |
|             | 11KW-2   | 380         | 50             | 2900        | 7228-13500      | 2890-1856         |
|             | 15KW-2   | 380         | 50             | 2900        | 7728-15455      | 3187-2019         |
| LW4-72 5.6A | 3KW-4    | 380         | 50             | 1450        | 7062-9885       | 975-759           |
| LW4-72 6A   | 4KW-4    | 380         | 50             | 1450        | 6677-13353      | 1139-724          |
|             | 1.5KW-6  | 380         | 50             | 960         | 4420-8841       | 498-317           |



## High pressure centrifugal fan

### Product Brief

- High pressure and low vibration Laser cutting blanking greatly improves the accuracy of the product,and the shape is beautiful and generous.
- YE series of high-efficiency and energy-saving motors are used in the motor,with high efficiency,low energy consumption,good quality and long service life.
- Widely used for conveying materials,air and non-corrosive,non-spontaneous combustion,non-viscous gases.
- Especially suitable for high-pressure forced ventilation in general exercise,glass,ceramics,radio,electroplating,batteries and other industries, as well as grain,feed,etc Materialconveying in mineral powder,plastics, chemical industry and boiler industry.
- Optional high temperature resistant extended shaft motor,high temperature resistant 200°C.

### Technical Parameters

| Model        | Power    | Voltage (v) | Frequency (Hz) | Speed (RPM) | Air flow (m³/h) | Air Pressure (Pa) |
|--------------|----------|-------------|----------------|-------------|-----------------|-------------------|
| LW9-19 3.15A | 0.75KW-2 | 380         | 50             | 2830        | 402-545         | 2223-2262         |
|              | 1.1KW-2  | 380         | 50             | 2830        | 617-832         | 2231-2017         |
| LW9-19 3.55A | 1.5KW-2  | 380         | 50             | 2840        | 560-760         | 2545-2590         |
|              | 2.2KW-2  | 380         | 50             | 2840        | 860-1160        | 2554-2310         |
| LW9-19 4A    | 2.2KW-2  | 380         | 50             | 2840        | 824-1264        | 3584-3597         |
|              | 3KW-2    | 380         | 50             | 2870        | 1410-1704       | 3507-3253         |
| LW9-19 4.5A  | 4KW-2    | 380         | 50             | 2890        | 1174-2062       | 4603-4447         |
|              | 5.5KW-2  | 380         | 50             | 2900        | 2281-2504       | 4297-4112         |
| LW9-19 5A    | 7.5KW-2  | 380         | 50             | 2900        | 1610-2844       | 5697-5517         |
|              | 11KW-2   | 380         | 50             | 2900        | 3166-3488       | 5323-5080         |
| LW9-19 5.6A  | 11KW-2   | 380         | 50             | 2900        | 2622-3619       | 7182-7109         |
|              | 15KW-2   | 380         | 50             | 2900        | 3309-4260       | 7068-6755         |
|              | 18.5KW-2 | 380         | 50             | 2900        | 3996-4901       | 6954-6400         |
| LW9-19 6.3A  | 18.5KW-2 | 380         | 50             | 2900        | 3220-5153       | 9149-9055         |
|              | 22KW-2   | 380         | 50             | 2900        | 4455-6066       | 9003-8601         |
|              | 30KW-4   | 380         | 50             | 2900        | 5690-6978       | 8857-8148         |



# Centrifugal fan(aluminium fan)

## Product Brief

- Special fan for plastic plastics.It is widely used in plastic machinery,printing machinery.filmblowing machinery,drying machinery and other industries.
- Large air volume,high pressure,high efficiency,low vibration and noise.
- The casing of the fan is made of aluminium casting,with novel style and beautiful appearance.The explosion-proof motor can be used as an explosion-proof fan.
- YE series of high-efficiency and energy-saving motors are used in the motor , with highefficiency,low energy consumption,good quality and long service life.



## Technical Parameters

| Model       | Power  | Voltage (v) | Frequency (Hz) | Speed (RPM) | Air flow (m³/h) | Air Pressure (Pa) | Noise (dBA) |
|-------------|--------|-------------|----------------|-------------|-----------------|-------------------|-------------|
| LW5-34-3A   | 0.75KW | 380         | 50             | 2830        | 650             | 1420              | 70          |
| LW5-27-3.4A | 1.1KW  | 380         | 50             | 2830        | 850             | 1550              | 74          |
| LW5-27-3.8A | 1.5KW  | 380         | 50             | 2840        | 1050            | 1860              | 76          |
| LW5-27-4A   | 2.2KW  | 380         | 50             | 2840        | 1200            | 2250              | 76          |
| LW5-32-4.1A | 3KW    | 380         | 50             | 2870        | 1670            | 2850              | 78          |
| LW5-32-4.4A | 4KW    | 380         | 50             | 2890        | 1850            | 2980              | 80          |
| LW5-32-4.8A | 5.5KW  | 380         | 50             | 2900        | 2250            | 3400              | 80          |
| LW5-32-4.8A | 7.5KW  | 380         | 50             | 2900        | 2700            | 3900              | 80          |