科技创新 诚信发展

# Fans Series Products

# 通风机系列产品

德州万维空调设备有限公司

DEZHOUWANWEIKONGTIAOSHEBEIYOUXIANGONGSI




科技创新　诚信发展

为您提供最佳的方案及产品

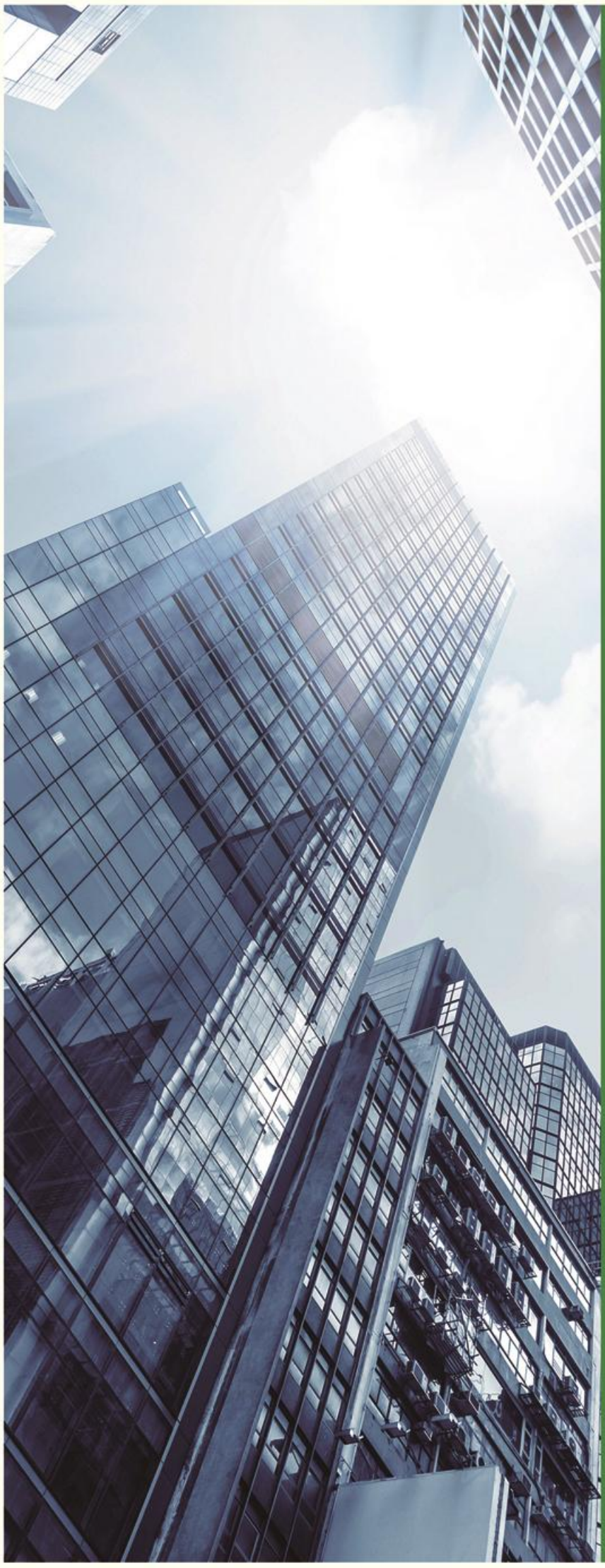
# 公司简介

德州万维空调设备有限公司创立于2014年，是一家专注生产中央空调配套设备、消防排烟设备、通风设备、新风空调设备、风口风阀、通风管道、机房水处理设备、换热设备等系统配件产品的大型中央空调企业。

德州万维空调设备有限公司自成立之初就确定了生产高质量产品的战略路线,倡导“以高科技引导行业、以高质量服务客户”的工作理念。目前万维产品已经分布在我国百分之九十的省份,我们在未来要把万维的产品推向世界。

德州万维空调设备有限公司成立以来先后获得ISO9001,2000质量管理体系认证、ISO14001:2004环境管理体系认证、职业健康安全管理体系认证、消防产品CCCF认证证书，国家AAA级信用企业等荣誉。

德州万维空调设备有限公司自成立以来凭借科研优势,不断挑战自我、创新进取、服务社会。万维人愿与海内外广大客户及朋友携手并进,共创美好未来。



FANS SERIES

# 通风机系列

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# HTF 系列高温消防排烟轴流风机概述

## HTF series of high temperature fire and smoke exhaust fan

HTF 系列高温消防风机由我公司按照民用建筑设计防火规范要求，结合国内外同类产品而开发的新产品。经国家固定灭火和耐火构件质量监督检验中心检验合格。 本产品相比同类产品具有以下优点：

- ◆ 采用三元扭曲叶片和前导叶，使气体流动符合空间流动要求。
- ◆ 经过多次实验，使产品在保证性能前提下噪声更低。
- ◆ 采用大宽度圆弧叶片，使产品获得大压力系数。
- ◆ 屋顶消防风机的防雨结构获得国家专利，可有效防止雨水渗入。
- ◆ 参考我公司原专利产品 HTF 消防排烟风机， 此新产品采用电机冷却与主气流双通道在风机叶轮进口处混合排出。 即冷却了电机，又使被加热的气体从主风道流走，改善了风道外环境。

HTF series high temperature fire fan required by our company in accordance with the code for fire protection design of civil buildings, new products with similar products at home and abroad and the development of. The national fire extinguishing and fire Component Quality Supervision and inspection center of qualified. This product has the following advantages compared to similar products:

- ◆ We adopted three twisted blades and guide vane, the gas flow with space flow requirements.
- ◆ The experiments, make the products in the performance guarantee under the premise of lower noise.
- ◆ We used large width arc blade, making the product high pressure coefficient.
- ◆ The roof waterproof structure for fire fan obtained national patent, which can effectively prevent rainwater infiltration.
- ◆ I refer to my company patented HTF exhaust fan fire, this new product adopts motor cooling and main flow in double channel discharge mixing fan impeller inlet. The cooling motor, and the heated gas from the main air flow, improve the air environment.



## 风机代号说明：

Code name of fan:

HTF –S、X、L No□A、B、C

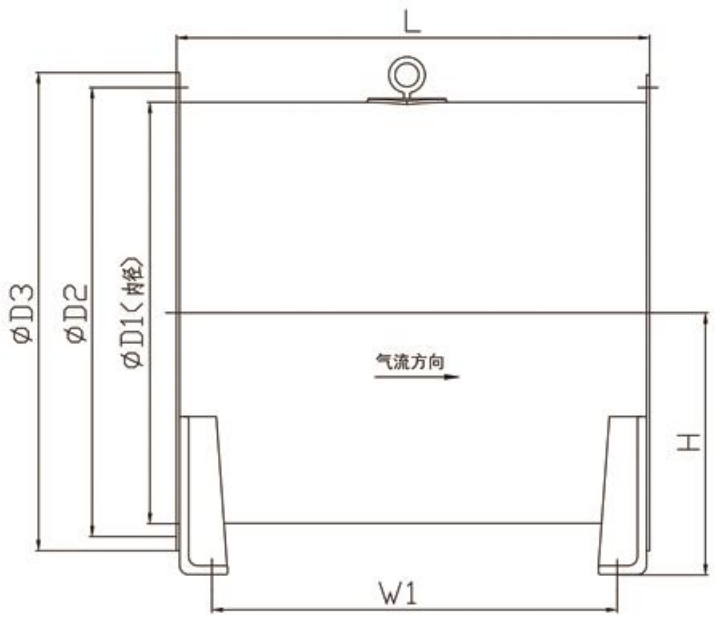
- 机号，乘以 100 为叶轮直径（mm），按压力大小分为A、B、C……
  The machine number, multiplied by 100 is the diameter of the impeller (mm), and is divided into A, B, and C according to the pressure.
- 立式结构
  Vertical structure
- 配消声器
  Muffler
- 配双速电机
  Dual speed motor
- 万维3C消防排烟轴流风机
  YATAI 3C fire exhausting axial fan

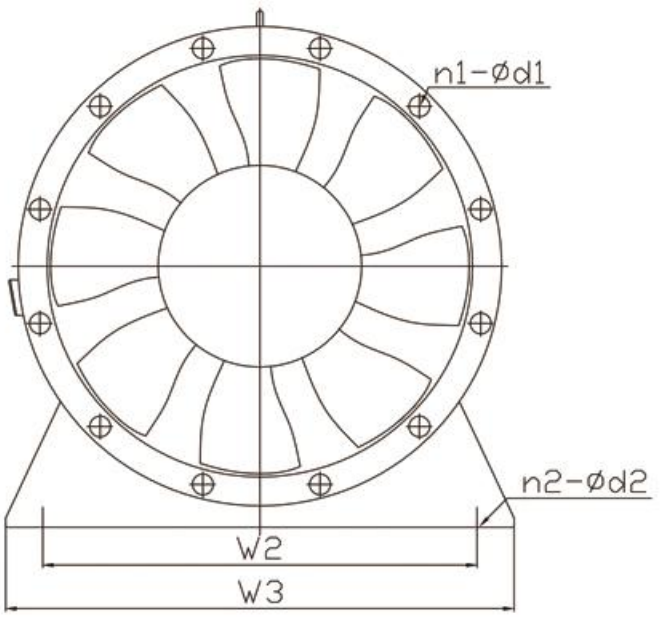
示例：HTF – SN◎5A 代表万维单速轴流式排烟风机；HTF–SN◎5S 代表万维双速轴流式排烟风机。

Example: HTF - S No. 5A on behalf of the Asia Pacific single speed axial-flow exhaust fan; HTF-S No. 5S on behalf of the Asia Pacific double speed axial exhaust fan.

## 风机外形尺寸–HTF

Fan shape size - HTF outer size




| 机号 Serial number | D1 | D2 | D3 | L | H | W1 | W2 | W3 | n1–Φd1 | n2–Φd2 |
|---|---|---|---|---|---|---|---|---|---|---|
| 4D | 405 | 440 | 465 | 480 | 260 | 434 | 220 | 320 | 8–ϕ10 | 4–ϕ15 |
| 4D1 | | | | 480 | | 434 | 220 | 320 | | |
| 4D2 | | | | 460 | | 414 | 220 | 320 | | |
| 4.5D | 455 | 490 | 515 | 500 | 290 | 454 | 260 | 360 | 8–ϕ10 | 4–ϕ15 |
| 4.5D1 | | | | 500 | | 454 | 260 | 360 | | |
| 4.5D2 | | | | 480 | | 434 | 260 | 360 | | |
| 5D | 505 | 540 | 565 | 500 | 310 | 454 | 300 | 400 | 8–ϕ12 | 4–ϕ15 |
| 5D1 | | | | 500 | | 454 | 300 | 400 | | |
| 5D2 | | | | 500 | | 454 | 300 | 400 | | |
| 5.5D | 555 | 590 | 615 | 560 | 340 | 514 | 340 | 440 | 8–ϕ12 | 4–ϕ15 |
| 5.5D1 | | | | 560 | | 514 | 340 | 440 | | |
| 5.5D2 | | | | 500 | | 454 | 340 | 440 | | |
| 6D | 605 | 650 | 685 | 650 | 370 | 604 | 380 | 480 | 12–ϕ12 | 4–ϕ15 |
| 6D1 | | | | 530 | | 484 | 380 | 480 | | |
| 6D2 | | | | 500 | | 454 | 380 | 480 | | |
| 6.3D | 635 | 680 | 715 | 650 | 390 | 604 | 420 | 520 | 12–ϕ12 | 4–ϕ15 |
| 6.3D1 | | | | 560 | | 514 | 420 | 520 | | |
| 6.3D2 | | | | 560 | | 514 | 420 | 520 | | |
| 6.5D | 655 | 700 | 735 | 800 | 410 | 754 | 420 | 520 | 12–ϕ12 | 4–ϕ15 |
| 6.5D1 | | | | 800 | | 754 | 420 | 520 | | |
| 6.5D2 | | | | 650 | | 604 | 420 | 520 | | |
| 6.5D3 | | | | 600 | | 554 | 420 | 520 | | |
| 6.5D4 | | | | 580 | | 534 | 420 | 520 | | |

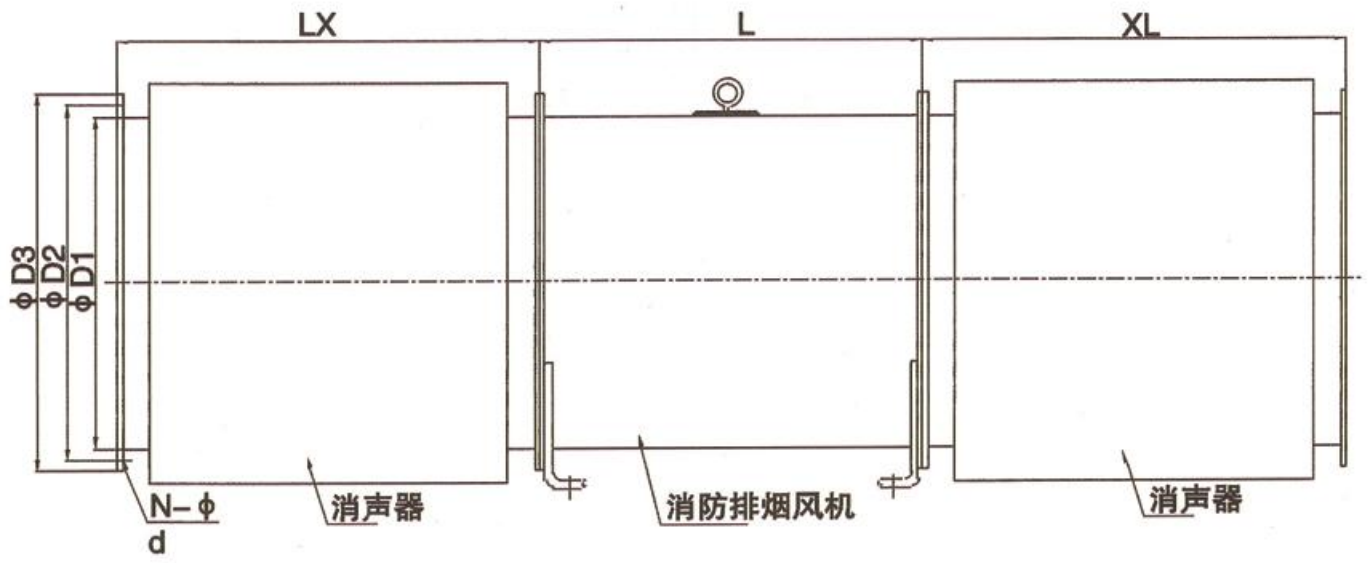
| 机号 Serial number | D1 | D2 | D3 | L | H | W1 | W2 | W3 | n1-Φd1 | n2-Φd2 |
|---|---|---|---|---|---|---|---|---|---|---|
| 7.1A | 715 | 760 | 795 | 830 | 430 | 778 | 460 | 560 | 12-φ12 | 4-φ15 |
| 7.1A1 | | | | 730 | | 678 | 460 | 560 | | |
| 7.1A2 | | | | 730 | | 678 | 460 | 560 | | |
| 8A | 805 | 850 | 885 | 850 | 480 | 798 | 540 | 640 | 12-φ12 | 4-φ15 |
| 8A1 | | | | 850 | | 798 | 540 | 640 | | |
| 8A2 | | | | 750 | | 698 | 540 | 640 | | |
| 8B | | | | 750 | | 698 | 540 | 640 | | |
| 9A | 905 | 960 | 1005 | 950 | 530 | 898 | 620 | 720 | 16-φ15 | 4-φ15 |
| 9A1 | | | | 900 | | 848 | 620 | 720 | | |
| 9A2 | | | | 900 | | 848 | 620 | 720 | | |
| 9B | | | | 900 | | 848 | 620 | 720 | | |
| 10A | 1005 | 1060 | 1105 | 1000 | 580 | 948 | 700 | 800 | 16-φ15 | 4-φ15 |
| 10A1 | | | | 900 | | 848 | 700 | 800 | | |
| 10A2 | | | | 900 | | 848 | 700 | 800 | | |
| 10A3 | | | | 1000 | | 948 | 700 | 800 | | |
| 11A | 1105 | 1160 | 1205 | 1050 | 630 | 998 | 780 | 880 | 16-φ15 | 4-φ15 |
| 11A1 | | | | 1050 | | 998 | 780 | 880 | | |
| 11A2 | | | | 900 | | 848 | 780 | 880 | | |
| 11A3 | | | | 900 | | 848 | 780 | 880 | | |
| 11.2A | 1125 | 1180 | 1225 | 1080 | 630 | 1028 | 780 | 880 | 16-φ15 | 4-φ15 |
| 11.2A1 | | | | 1050 | | 998 | 780 | 880 | | |
| 11.2A2 | | | | 1050 | | 998 | 780 | 880 | | |
| 11.2A3 | | | | 900 | | 848 | 780 | 880 | | |
| 11.2A4 | | | | 900 | | 848 | 780 | 880 | | |
| 12A | 1205 | 1260 | 1305 | 1050 | 720 | 998 | 780 | 880 | 20-φ15 | 4-φ15 |
| 12A1 | | | | 950 | | 898 | 780 | 880 | | |
| 12.5A | 1255 | 1310 | 1355 | 1150 | 740 | 1098 | 900 | 1000 | 20-φ15 | 4-φ15 |
| 12.5A1 | | | | 1100 | | 1048 | 900 | 1000 | | |
| 12.5A2 | | | | 1050 | | 998 | 900 | 1000 | | |
| 12.5A3 | | | | 950 | | 898 | 900 | 1000 | | |
| 13A | 1305 | 1365 | 1405 | 1300 | 770 | 1248 | 940 | 1040 | 20-φ15 | 4-φ15 |
| 13A1 | | | | 1100 | | 1048 | 940 | 1040 | | |
| 13A2 | | | | 1050 | | 998 | 940 | 1040 | | |
| 13B | | | | 1150 | | 1098 | 940 | 1040 | | |
| 14A | 1405 | 1465 | 1505 | 1150 | 810 | 1098 | 1020 | 1120 | 20-φ15 | 4-φ15 |
| 14A1 | | | | 1150 | | 1098 | 1020 | 1120 | | |
| 14A2 | | | | 1200 | | 1148 | 1020 | 1120 | | |

注：本系列风机一般不在法兰上打孔，打孔需订货时注明，敬请客户注意。

Note: this series of fans are generally not punched on the flanges. When the punching needs to be ordered, we should pay attention to the customers.

## 风机外形尺寸– HTF –X

Fan shape size -YTPY-X outer size




| 机号 Serial number | 4 | 4.5 | 5 | 5.5 | 6 | 6.3 | 7.1 |
|---|---|---|---|---|---|---|---|
| D1 | 405 | 455 | 505 | 555 | 605 | 635 | 715 |
| D2 | 440 | 490 | 540 | 590 | 650 | 680 | 760 |
| D3 | 465 | 515 | 565 | 615 | 685 | 715 | 795 |
| N–φd | 8–φ10 | 8–φ10 | 8–φ12 | 8–φ12 | 12–φ12 | 12–φ12 | 12–φ12 |
| L | 消防排烟风机长度尺寸、地脚螺栓孔尺寸不变。 The length of the fire exhausting fan and the size of the hole bolt hole are not constant. | | | | | | |
| LX | 600、900、1200、1500、2000 | | | | | | |

| 机号 Serial number | 8 | 9 | 10 | 11.2 | 12.5 | 13 | 14 |
|---|---|---|---|---|---|---|---|
| D1 | 805 | 905 | 1005 | 1125 | 1255 | 1306 | 1406 |
| D2 | 850 | 950 | 1050 | 1180 | 1310 | 1365 | 1465 |
| D3 | 885 | 1005 | 1105 | 1125 | 1360 | 1410 | 1510 |
| N–φd | 16–φ12 | 16–φ16 | 16–φ16 | 20–φ16 | 20–φ16 | 20–φ16 | 20–φ16 |
| L | 消防排烟风机长度尺寸、地脚螺栓孔尺寸不变。 The length of the fire exhausting fan and the size of the hole bolt hole are not constant. | | | | | | |
| LX | 600、900、1200、1500、2000 | | | | | | |

注：用户也可根据安装现场的实际情况，自定消声器长度 LX 尺寸。

Note: the user can also self determine the size of the muffler length LX according to the actual situation of the installation site.

## 单速风机性能参数

Performance parameters of single speed fan

| 机号<br>Serial number | 转速 r/min<br>Rotational speed | 功率 kW<br>Power | 工况<br>Operating mode | 风量 $m^3/h$<br>Volume | 全压 Pa<br>Total pressuer | 噪声 dB(A)<br>Noise |
|---|---|---|---|---|---|---|
| 4D | 2900 | 1.5 | 1 | 4078 | 696 | 79 |
| | | | 2 | 4816 | 611 | |
| | | | 3 | 5112 | 580 | |
| | | | 4 | 5600 | 530 | |
| | | | 5 | 6098 | 407 | |
| 4D1 | 2900 | 2.2 | 1 | 4558 | 730 | 81 |
| | | | 2 | 5398 | 607 | |
| | | | 3 | 5646 | 595 | |
| | | | 4 | 5995 | 588 | |
| | | | 5 | 6321 | 525 | |
| 4D2 | 1450 | 0.55 | 1 | 4423 | 212 | 71 |
| | | | 2 | 4688 | 190 | |
| | | | 3 | 4980 | 185 | |
| | | | 4 | 5100 | 179 | |
| | | | 5 | 5234 | 170 | |
| 4.5D | 2900 | 2.2 | 1 | 3348 | 883 | 82 |
| | | | 2 | 3853 | 851 | |
| | | | 3 | 4628 | 844 | |
| | | | 4 | 6557 | 723 | |
| | | | 5 | 7472 | 530 | |
| 4.5D1 | 1450 | 1.1 | 1 | 5943 | 262 | 73 |
| | | | 2 | 6297 | 241 | |
| | | | 3 | 6675 | 232 | |
| | | | 4 | 6820 | 221 | |
| | | | 5 | 7091 | 214 | |
| 4.5D2 | 1450 | 0.75 | 1 | 4866 | 260 | 72 |
| | | | 2 | 5212 | 246 | |
| | | | 3 | 5743 | 211 | |
| | | | 4 | 6330 | 198 | |
| | | | 5 | 6691 | 171 | |
| 5D | 2900 | 3 | 1 | 4523 | 955 | 83 |
| | | | 2 | 6122 | 923 | |
| | | | 3 | 6923 | 910 | |
| | | | 4 | 8995 | 893 | |
| | | | 5 | 9513 | 692 | |
| 5D1 | 1450 | 1.5 | 1 | 8153 | 347 | 75 |
| | | | 2 | 8600 | 300 | |
| | | | 3 | 9157 | 280 | |
| | | | 4 | 9727 | 289 | |
| | | | 5 | 10223 | 265 | |
| 5D2 | 1450 | 1.1 | 1 | 6300 | 336 | 74 |
| | | | 2 | 6675 | 321 | |
| | | | 3 | 7878 | 260 | |
| | | | 4 | 8684 | 240 | |
| | | | 5 | 9178 | 211 | |
| 5.5D | 2900 | 4 | 1 | 8995 | 893 | 86 |
| | | | 2 | 9008 | 688 | |
| | | | 3 | 9522 | 633 | |
| | | | 4 | 9856 | 581 | |
| | | | 5 | 10253 | 533 | |

| 机号<br>Serial number | 转速 r/min<br>Rotational speed | 功率 kW<br>Power | 工况<br>Operating mode | 风量 $m^3/h$<br>Volume | 全压 Pa<br>Total pressuer | 噪声 dB(A)<br>Noise |
|---|---|---|---|---|---|---|
| 5.5D1 | 1450 | 2.2 | 1 | 10851 | 421 | 77 |
| | | | 2 | 11498 | 370 | |
| | | | 3 | 11983 | 360 | |
| | | | 4 | 12946 | 345 | |
| | | | 5 | 13607 | 321 | |
| 5.5D2 | 1450 | 1.5 | 1 | 7830 | 372 | 76 |
| | | | 2 | 8522 | 341 | |
| | | | 3 | 9383 | 290 | |
| | | | 4 | 9800 | 271 | |
| | | | 5 | 10832 | 211 | |
| 6D | 2900 | 5.5 | 1 | 13023 | 721 | 86 |
| | | | 2 | 14302 | 680 | |
| | | | 3 | 14923 | 651 | |
| | | | 4 | 15102 | 603 | |
| | | | 5 | 15653 | 544 | |
| 6D1 | 1450 | 3 | 1 | 14088 | 451 | 78 |
| | | | 2 | 14927 | 430 | |
| | | | 3 | 15380 | 421 | |
| | | | 4 | 16808 | 411 | |
| | | | 5 | 17022 | 376 | |
| 6D2 | 1450 | 1.5 | 1 | 6883 | 366 | 77 |
| | | | 2 | 7361 | 355 | |
| | | | 3 | 8126 | 340 | |
| | | | 4 | 9449 | 297 | |
| | | | 5 | 10291 | 229 | |
| 6.3D | 1450 | 5.5 | 1 | 15413 | 563 | 88 |
| | | | 2 | 16308 | 552 | |
| | | | 3 | 17280 | 526 | |
| | | | 4 | 19457 | 459 | |
| | | | 5 | 20725 | 442 | |
| 6.3D1 | 1450 | 2.2 | 1 | 7967 | 432 | 77 |
| | | | 2 | 8513 | 399 | |
| | | | 3 | 9407 | 352 | |
| | | | 4 | 10940 | 295 | |
| | | | 5 | 11913 | 251 | |
| 6.3D2 | 960 | 1.5 | 1 | 10797 | 242 | 72 |
| | | | 2 | 12127 | 217 | |
| | | | 3 | 12882 | 201 | |
| | | | 4 | 13000 | 190 | |
| | | | 5 | 13539 | 185 | |
| 6.5D | 2900 | 15 | 1 | 8931 | 1535 | 89 |
| | | | 2 | 13947 | 1461 | |
| | | | 3 | 17489 | 1353 | |
| | | | 4 | 19761 | 1322 | |
| | | | 5 | 23510 | 1300 | |
| 6.5D1 | 2900 | 11 | 1 | 19000 | 1270 | 89 |
| | | | 2 | 21351 | 1211 | |
| | | | 3 | 22581 | 1122 | |
| | | | 4 | 23616 | 1063 | |
| | | | 5 | 25010 | 1000 | |
| 6.5D2 | 1450 | 5.5 | 1 | 17710 | 680 | 88 |
| | | | 2 | 18840 | 626 | |
| | | | 3 | 19780 | 551 | |
| | | | 4 | 21919 | 504 | |
| | | | 5 | 22756 | 485 | |

| 机号<br>Serial number | 转速 r/min<br>Rotational speed | 功率 kW<br>Power | 工况<br>Operating mode | 风量 $m^3/h$<br>Volume | 全压 Pa<br>Total pressuer | 噪声 dB(A)<br>Noise |
|---|---|---|---|---|---|---|
| 6.5D3 | 1450 | 4 | 1 | 15161 | 562 | 80 |
| | | | 2 | 17760 | 480 | |
| | | | 3 | 19609 | 413 | |
| | | | 4 | 21093 | 380 | |
| | | | 5 | 21773 | 362 | |
| 6.5D4 | 960 | 1.5 | 1 | 11855 | 251 | 73 |
| | | | 2 | 12600 | 210 | |
| | | | 3 | 13344 | 203 | |
| | | | 4 | 14262 | 190 | |
| | | | 5 | 14832 | 176 | |
| 7.1A | 1450 | 11 | 1 | 13550 | 951 | 89 |
| | | | 2 | 16880 | 823 | |
| | | | 3 | 22439 | 750 | |
| | | | 4 | 25103 | 738 | |
| | | | 5 | 27000 | 700 | |
| 7.1A1 | 1450 | 7.5 | 1 | 20156 | 736 | 82 |
| | | | 2 | 23343 | 701 | |
| | | | 3 | 24730 | 660 | |
| | | | 4 | 26218 | 628 | |
| | | | 5 | 27200 | 580 | |
| 7.1A2 | 1450 | 5.5 | 1 | 17426 | 665 | 82 |
| | | | 2 | 19262 | 644 | |
| | | | 3 | 21000 | 510 | |
| | | | 4 | 22550 | 490 | |
| | | | 5 | 23299 | 442 | |
| 8A | 1450 | 15 | 1 | 29287 | 954 | 87 |
| | | | 2 | 31023 | 929 | |
| | | | 3 | 33208 | 902 | |
| | | | 4 | 34846 | 835 | |
| | | | 5 | 37202 | 738 | |
| 8A1 | 1450 | 11 | 1 | 30892 | 800 | 86 |
| | | | 2 | 32269 | 740 | |
| | | | 3 | 34000 | 650 | |
| | | | 4 | 35531 | 580 | |
| | | | 5 | 37105 | 533 | |
| 8A2 | 1450 | 7.5 | 1 | 19102 | 745 | 83 |
| | | | 2 | 23993 | 700 | |
| | | | 3 | 27200 | 580 | |
| | | | 4 | 28610 | 520 | |
| | | | 5 | 30630 | 380 | |
| 8B | 1450 | 5.5 | 1 | 16313 | 696 | 83 |
| | | | 2 | 19262 | 661 | |
| | | | 3 | 22557 | 583 | |
| | | | 4 | 23269 | 506 | |
| | | | 5 | 24393 | 407 | |
| 9A | 1450 | 18.5 | 1 | 36647 | 1056 | 91 |
| | | | 2 | 39213 | 971 | |
| | | | 3 | 42517 | 948 | |
| | | | 4 | 47156 | 790 | |
| | | | 5 | 51100 | 621 | |
| 9A1 | 1450 | 11 | 1 | 23226 | 881 | 89 |
| | | | 2 | 27426 | 836 | |
| | | | 3 | 31891 | 667 | |
| | | | 4 | 32000 | 606 | |
| | | | 5 | 34731 | 515 | |

| 机号<br>Serial number | 转速 r/min<br>Rotational speed | 功率 kW<br>Power | 工况<br>Operating mode | 风量 $m^3/h$<br>Volume | 全压 Pa<br>Total pressuer | 噪声 dB(A)<br>Noise |
|---|---|---|---|---|---|---|
| 9A2 | 1450 | 15 | 1 | 33000 | 750 | 89 |
| | | | 2 | 35813 | 732 | |
| | | | 3 | 40254 | 704 | |
| | | | 4 | 43199 | 688 | |
| | | | 5 | 45963 | 641 | |
| 9B | 960 | 7.5 | 1 | 29880 | 509 | 83 |
| | | | 2 | 31479 | 493 | |
| | | | 3 | 35356 | 442 | |
| | | | 4 | 37557 | 410 | |
| | | | 5 | 39472 | 377 | |
| 10A | 1450 | 22 | 1 | 44021 | 1255 | 92 |
| | | | 2 | 46108 | 1220 | |
| | | | 3 | 49400 | 1190 | |
| | | | 4 | 51112 | 981 | |
| | | | 5 | 53369 | 880 | |
| 10A1 | 1450 | 15 | 1 | 35411 | 851 | 90 |
| | | | 2 | 36513 | 795 | |
| | | | 3 | 38900 | 722 | |
| | | | 4 | 43510 | 641 | |
| | | | 5 | 48400 | 540 | |
| 10A2 | 1450 | 11 | 1 | 34798 | 750 | 90 |
| | | | 2 | 37460 | 716 | |
| | | | 3 | 40000 | 690 | |
| | | | 4 | 42950 | 650 | |
| | | | 5 | 45556 | 615 | |
| 10A3 | 1450 | 18.5 | 1 | 25223 | 1149 | 91 |
| | | | 2 | 28120 | 1102 | |
| | | | 3 | 32337 | 1080 | |
| | | | 4 | 36310 | 1000 | |
| | | | 5 | 38676 | 933 | |
| 11A | 960 | 30 | 1 | 46921 | 1283 | 91 |
| | | | 2 | 46900 | 1270 | |
| | | | 3 | 51501 | 1255 | |
| | | | 4 | 53100 | 922 | |
| | | | 5 | 57995 | 846 | |
| 11A1 | 960 | 22 | 1 | 50246 | 761 | 90 |
| | | | 2 | 51223 | 730 | |
| | | | 3 | 54136 | 709 | |
| | | | 4 | 60666 | 644 | |
| | | | 5 | 61265 | 576 | |
| 11A2 | 960 | 18.5 | 1 | 41560 | 707 | 88 |
| | | | 2 | 52780 | 677 | |
| | | | 3 | 55197 | 622 | |
| | | | 4 | 60671 | 592 | |
| | | | 5 | 55312 | 481 | |
| 11A3 | 1450 | 15 | 1 | 39871 | 693 | 92 |
| | | | 2 | 42811 | 660 | |
| | | | 3 | 45622 | 609 | |
| | | | 4 | 48612 | 516 | |
| | | | 5 | 50112 | 461 | |
| 11A4 | 960 | 7.5 | 1 | 28066 | 477 | 85 |
| | | | 2 | 31292 | 460 | |
| | | | 3 | 34133 | 409 | |
| | | | 4 | 36530 | 337 | |
| | | | 5 | 38115 | 281 | |

| 机号<br>Serial number | 转速 r/min<br>Rotational speed | 功率 kW<br>Power | 工况<br>Operating mode | 风量 $m^3/h$<br>Volume | 全压 Pa<br>Total pressuer | 噪声 dB(A)<br>Noise |
|---|---|---|---|---|---|---|
| 11.2A | 960 | 30 | 1 | 47268 | 955 | 91 |
| | | | 2 | 57995 | 847 | |
| | | | 3 | 66239 | 783 | |
| | | | 4 | 70286 | 715 | |
| | | | 5 | 74523 | 635 | |
| 11.2A1 | 960 | 22 | 1 | 52340 | 800 | 90 |
| | | | 2 | 54023 | 767 | |
| | | | 3 | 58923 | 751 | |
| | | | 4 | 64280 | 730 | |
| | | | 5 | 65110 | 651 | |
| 11.2A2 | 960 | 18.5 | 1 | 44261 | 753 | 88 |
| | | | 2 | 55197 | 724 | |
| | | | 3 | 58263 | 677 | |
| | | | 4 | 63200 | 640 | |
| | | | 5 | 57661 | 531 | |
| 11.2A3 | 1450 | 15 | 1 | 41356 | 732 | 92 |
| | | | 2 | 45689 | 709 | |
| | | | 3 | 48311 | 685 | |
| | | | 4 | 50077 | 621 | |
| | | | 5 | 51500 | 560 | |
| 11.2A4 | 960 | 7.5 | 1 | 29630 | 511 | 85 |
| | | | 2 | 33030 | 480 | |
| | | | 3 | 34990 | 453 | |
| | | | 4 | 37000 | 400 | |
| | | | 5 | 40691 | 353 | |
| 12A | 960 | 18.5 | 1 | 38430 | 755 | 92 |
| | | | 2 | 44521 | 726 | |
| | | | 3 | 49223 | 646 | |
| | | | 4 | 55216 | 516 | |
| | | | 5 | 59644 | 431 | |
| 12A1 | 960 | 15 | 1 | 31896 | 599 | 91 |
| | | | 2 | 37651 | 522 | |
| | | | 3 | 44360 | 455 | |
| | | | 4 | 50220 | 371 | |
| | | | 5 | 57652 | 355 | |
| 12.5A | 960 | 37 | 1 | 69232 | 826 | 93 |
| | | | 2 | 76735 | 807 | |
| | | | 3 | 81498 | 791 | |
| | | | 4 | 89362 | 722 | |
| | | | 5 | 94725 | 651 | |
| 12.5A1 | 960 | 30 | 1 | 67700 | 910 | 92 |
| | | | 2 | 78500 | 850 | |
| | | | 3 | 80000 | 700 | |
| | | | 4 | 87118 | 700 | |
| | | | 5 | 94359 | 559 | |
| 12.5A2 | 960 | 18.5 | 1 | 33562 | 812 | 92 |
| | | | 2 | 38533 | 791 | |
| | | | 3 | 46040 | 726 | |
| | | | 4 | 54522 | 655 | |
| | | | 5 | 60563 | 630 | |
| 12.5A3 | 960 | 15 | 1 | 32835 | 681 | 91 |
| | | | 2 | 41177 | 622 | |
| | | | 3 | 46522 | 565 | |
| | | | 4 | 56770 | 491 | |
| | | | 5 | 61000 | 450 | |

| 机号<br>Serial number | 转速 r/min<br>Rotational speed | 功率 kW<br>Power | 工况<br>Operating mode | 风量 $m^3/h$<br>Volume | 全压 Pa<br>Total pressuer | 噪声 dB(A)<br>Noise |
|---|---|---|---|---|---|---|
| 13A | 960 | 45 | 1 | 87547 | 1029 | 93 |
| | | | 2 | 94869 | 1030 | |
| | | | 3 | 100520 | 981 | |
| | | | 4 | 106553 | 923 | |
| | | | 5 | 113185 | 857 | |
| 13A1 | 960 | 30 | 1 | 79894 | 930 | 91 |
| | | | 2 | 84833 | 865 | |
| | | | 3 | 89548 | 805 | |
| | | | 4 | 94072 | 730 | |
| | | | 5 | 105654 | 500 | |
| 13A2 | 960 | 18.5 | 1 | 51651 | 787 | 90 |
| | | | 2 | 54724 | 755 | |
| | | | 3 | 59201 | 710 | |
| | | | 4 | 63632 | 610 | |
| | | | 5 | 66245 | 541 | |
| 13B | 960 | 37 | 1 | 56318 | 1422 | 94 |
| | | | 2 | 62553 | 1301 | |
| | | | 3 | 70120 | 1200 | |
| | | | 4 | 79000 | 1100 | |
| | | | 5 | 88761 | 973 | |
| 14A | 960 | 22 | 1 | 46131 | 887 | 91 |
| | | | 2 | 51583 | 888 | |
| | | | 3 | 57846 | 827 | |
| | | | 4 | 65361 | 755 | |
| | | | 5 | 71000 | 670 | |
| 14A1 | 960 | 30 | 1 | 64687 | 979 | 94 |
| | | | 2 | 76608 | 906 | |
| | | | 3 | 80231 | 864 | |
| | | | 4 | 85090 | 790 | |
| | | | 5 | 89720 | 704 | |
| 14A2 | 960 | 37 | 1 | 72361 | 1078 | 95 |
| | | | 2 | 82870 | 1000 | |
| | | | 3 | 87969 | 956 | |
| | | | 4 | 92824 | 852 | |
| | | | 5 | 102460 | 766 | |
| 15A | 960 | 22 | 1 | 75300 | 810 | 95 |
| | | | 2 | 76045 | 750 | |
| | | | 3 | 86000 | 700 | |
| | | | 4 | 89360 | 675 | |
| | | | 5 | 90650 | 630 | |
| 15A1 | 960 | 45 | 1 | 82600 | 1210 | 96 |
| | | | 2 | 85355 | 1138 | |
| | | | 3 | 90450 | 1100 | |
| | | | 4 | 96400 | 1050 | |
| | | | 5 | 105500 | 980 | |
| 16A | 960 | 45 | 1 | 89690 | 880 | 97 |
| | | | 2 | 95300 | 862 | |
| | | | 3 | 99125 | 849 | |
| | | | 4 | 114556 | 826 | |
| | | | 5 | 121130 | 790 | |
| 16A1 | 960 | 30 | 1 | 88322 | 850 | 96 |
| | | | 2 | 93560 | 810 | |
| | | | 3 | 98620 | 782 | |
| | | | 4 | 109000 | 750 | |
| | | | 5 | 113000 | 710 | |

## 双速风机性能参数

Performance parameters of double speed fan

| 机号 Serial number | 转速 r/min Rotational speed | 功率 kW Power | 工况 Operating mode | 风量 $m^3/h$ Volume | 全压 Pa Total pressuer | 噪声 dB(A) Noise |
|---|---|---|---|---|---|---|
| 4S | 2900 | 1.8/1.3 | 1 | 4559 | 705 | 81 |
| | | | 2 | 4922 | 683 | |
| | | | 3 | 5399 | 670 | |
| | | | 4 | 5996 | 590 | |
| | | | 5 | 6323 | 526 | |
| | 1450 | | 1 | 2280 | 176 | 70 |
| | | | 2 | 2461 | 171 | |
| | | | 3 | 2700 | 168 | |
| | | | 4 | 2998 | 148 | |
| | | | 5 | 3162 | 132 | |
| 4.5S | 2900 | 2.4/2 | 1 | 3348 | 883 | 82 |
| | | | 2 | 3760 | 851 | |
| | | | 3 | 4628 | 844 | |
| | | | 4 | 5800 | 780 | |
| | | | 5 | 7472 | 520 | |
| | 1450 | | 1 | 1674 | 221 | 71 |
| | | | 2 | 1880 | 213 | |
| | | | 3 | 2314 | 211 | |
| | | | 4 | 2900 | 195 | |
| | | | 5 | 3736 | 130 | |
| 5S | 2900 | 3/2.5 | 1 | 6800 | 750 | 83 |
| | | | 2 | 8040 | 680 | |
| | | | 3 | 8860 | 610 | |
| | | | 4 | 9531 | 550 | |
| | | | 5 | 9820 | 510 | |
| | 1450 | | 1 | 3400 | 188 | 75 |
| | | | 2 | 4020 | 170 | |
| | | | 3 | 4430 | 153 | |
| | | | 4 | 4766 | 138 | |
| | | | 5 | 4910 | 128 | |
| 5S1 | 2900 | 3.1/0.8 | 1 | 6812 | 664 | 83 |
| | | | 2 | 7955 | 610 | |
| | | | 3 | 8830 | 577 | |
| | | | 4 | 9505 | 546 | |
| | | | 5 | 9721 | 482 | |
| | 1450 | | 1 | 3406 | 166 | 73 |
| | | | 2 | 3978 | 153 | |
| | | | 3 | 4415 | 144 | |
| | | | 4 | 4753 | 137 | |
| | | | 5 | 4861 | 121 | |
| 5.5S | 2900 | 4/3.3 | 1 | 8200 | 750 | 86 |
| | | | 2 | 9000 | 692 | |
| | | | 3 | 10050 | 640 | |
| | | | 4 | 12000 | 590 | |
| | | | 5 | 12200 | 500 | |
| | 1450 | | 1 | 4100 | 188 | 79 |
| | | | 2 | 4500 | 173 | |
| | | | 3 | 5025 | 160 | |
| | | | 4 | 6000 | 148 | |
| | | | 5 | 6100 | 125 | |

| 机号 Serial number | 转速 r/min Rotational speed | 功率 kW Power | 工况 Operating mode | 风量 $m^3/h$ Volume | 全压 Pa Total pressuer | 噪声 dB(A) Noise |
|---|---|---|---|---|---|---|
| 5.5S1 | 2900 | 4.4/1.1 | 1 | 8012 | 691 | 85 |
| | | | 2 | 8953 | 639 | |
| | | | 3 | 9526 | 586 | |
| | | | 4 | 11390 | 546 | |
| | | | 5 | 12521 | 519 | |
| | 1450 | | 1 | 4006 | 173 | 78 |
| | | | 2 | 4477 | 160 | |
| | | | 3 | 4763 | 147 | |
| | | | 4 | 5695 | 137 | |
| | | | 5 | 6261 | 130 | |
| 6S | 2900 | 5.5/4.5 | 1 | 13177 | 700 | 87 |
| | | | 2 | 14300 | 622 | |
| | | | 3 | 15100 | 600 | |
| | | | 4 | 15700 | 550 | |
| | | | 5 | 16000 | 490 | |
| | 1450 | | 1 | 6589 | 175 | 75 |
| | | | 2 | 7150 | 156 | |
| | | | 3 | 7550 | 150 | |
| | | | 4 | 7850 | 138 | |
| | | | 5 | 8000 | 123 | |
| 6S1 | 1450 | 2.2/1.5 | 1 | 9950 | 450 | 78 |
| | | | 2 | 10166 | 430 | |
| | | | 3 | 12100 | 380 | |
| | | | 4 | 12790 | 340 | |
| | | | 5 | 13590 | 290 | |
| | 960 | | 1 | 6588 | 197 | 69 |
| | | | 2 | 6731 | 188 | |
| | | | 3 | 8011 | 167 | |
| | | | 4 | 8468 | 149 | |
| | | | 5 | 8998 | 127 | |
| 6S2 | 2900 | 5.9/1.4 | 1 | 13100 | 685 | 87 |
| | | | 2 | 14312 | 617 | |
| | | | 3 | 14860 | 577 | |
| | | | 4 | 15423 | 550 | |
| | | | 5 | 15869 | 491 | |
| | 1450 | | 1 | 6550 | 171 | 79 |
| | | | 2 | 7156 | 154 | |
| | | | 3 | 7430 | 144 | |
| | | | 4 | 7712 | 138 | |
| | | | 5 | 7935 | 123 | |
| 6.3S | 1450 | 5.5/4 | 1 | 16130 | 657 | 88 |
| | | | 2 | 17159 | 646 | |
| | | | 3 | 19500 | 550 | |
| | | | 4 | 19963 | 459 | |
| | | | 5 | 20725 | 442 | |
| | 960 | | 1 | 10679 | 288 | 71 |
| | | | 2 | 11360 | 283 | |
| | | | 3 | 12910 | 241 | |
| | | | 4 | 13217 | 201 | |
| | | | 5 | 13721 | 194 | |

| 机号 Serial number | 转速 r/min Rotational speed | 功率 kW Power | 工况 Operating mode | 风量 $m^3/h$ Volume | 全压 Pa Total pressuer | 噪声 dB(A) Noise |
|---|---|---|---|---|---|---|
| 6.3S1 | 1450 | 4/3 | 1 | 13808 | 571 | 80 |
| | | | 2 | 16576 | 536 | |
| | | | 3 | 18770 | 440 | |
| | | | 4 | 19211 | 413 | |
| | | | 5 | 19792 | 398 | |
| | 960 | | 1 | 9142 | 250 | 71 |
| | | | 2 | 10974 | 235 | |
| | | | 3 | 12427 | 193 | |
| | | | 4 | 12719 | 181 | |
| | | | 5 | 13104 | 174 | |
| 7.1S | 1450 | 11/9 | 1 | 13550 | 951 | 89 |
| | | | 2 | 16880 | 823 | |
| | | | 3 | 22439 | 750 | |
| | | | 4 | 25103 | 738 | |
| | | | 5 | 27000 | 700 | |
| | 960 | | 1 | 8971 | 417 | 80 |
| | | | 2 | 11176 | 361 | |
| | | | 3 | 14856 | 329 | |
| | | | 4 | 16620 | 323 | |
| | | | 5 | 17876 | 307 | |
| 7.1S1 | 1450 | 8/6.5 | 1 | 20156 | 736 | 88 |
| | | | 2 | 23343 | 701 | |
| | | | 3 | 24734 | 667 | |
| | | | 4 | 26218 | 628 | |
| | | | 5 | 27200 | 580 | |
| | 960 | | 1 | 13345 | 323 | 80 |
| | | | 2 | 15455 | 307 | |
| | | | 3 | 16376 | 292 | |
| | | | 4 | 17358 | 275 | |
| | | | 5 | 18008 | 254 | |
| 7.1S2 | 1450 | 5.5/4 | 1 | 17426 | 665 | 82 |
| | | | 2 | 19262 | 644 | |
| | | | 3 | 21000 | 510 | |
| | | | 4 | 22550 | 490 | |
| | | | 5 | 23299 | 442 | |
| | 960 | | 1 | 11537 | 291 | 73 |
| | | | 2 | 12753 | 282 | |
| | | | 3 | 13903 | 224 | |
| | | | 4 | 14930 | 215 | |
| | | | 5 | 15426 | 194 | |
| 7.1S3 | 1450 | 12/4 | 1 | 16000 | 873 | 89 |
| | | | 2 | 17023 | 861 | |
| | | | 3 | 22239 | 812 | |
| | | | 4 | 24710 | 741 | |
| | | | 5 | 27066 | 696 | |
| | 960 | | 1 | 10593 | 453 | 80 |
| | | | 2 | 11270 | 377 | |
| | | | 3 | 14724 | 356 | |
| | | | 4 | 16360 | 325 | |
| | | | 5 | 17920 | 305 | |

| 机号 Serial number | 转速 r/min Rotational speed | 功率 kW Power | 工况 Operating mode | 风量 $m^3/h$ Volume | 全压 Pa Total pressuer | 噪声 dB(A) Noise |
|---|---|---|---|---|---|---|
| 8S | 1450 | 16/13 | 1 | 28850 | 788 | 88 |
| | | | 2 | 30890 | 540 | |
| | | | 3 | 31700 | 509 | |
| | | | 4 | 35134 | 499 | |
| | | | 5 | 40025 | 456 | |
| | 960 | | 1 | 19101 | 345 | 79 |
| | | | 2 | 20451 | 237 | |
| | | | 3 | 20988 | 223 | |
| | | | 4 | 23261 | 219 | |
| | | | 5 | 26499 | 200 | |
| 8S1 | 1450 | 11/9 | 1 | 30892 | 800 | 86 |
| | | | 2 | 32269 | 740 | |
| | | | 3 | 34000 | 650 | |
| | | | 4 | 35531 | 580 | |
| | | | 5 | 37105 | 533 | |
| | 960 | | 1 | 20453 | 351 | 78 |
| | | | 2 | 21364 | 324 | |
| | | | 3 | 22510 | 285 | |
| | | | 4 | 23524 | 254 | |
| | | | 5 | 24566 | 234 | |
| 8S2 | 1450 | 8/6.5 | 1 | 19102 | 745 | 85 |
| | | | 2 | 23993 | 700 | |
| | | | 3 | 27200 | 580 | |
| | | | 4 | 29770 | 465 | |
| | | | 5 | 30263 | 406 | |
| | 960 | | 1 | 12647 | 327 | 78 |
| | | | 2 | 15885 | 307 | |
| | | | 3 | 18008 | 254 | |
| | | | 4 | 19710 | 204 | |
| | | | 5 | 20036 | 178 | |
| 8S3 | 1450 | 17/5.5 | 1 | 17622 | 1156 | 90 |
| | | | 2 | 22496 | 1063 | |
| | | | 3 | 28830 | 950 | |
| | | | 4 | 31703 | 861 | |
| | | | 5 | 35326 | 795 | |
| | 960 | | 1 | 11667 | 507 | 81 |
| | | | 2 | 14894 | 466 | |
| | | | 3 | 19087 | 416 | |
| | | | 4 | 20990 | 377 | |
| | | | 5 | 23388 | 348 | |
| 8S4 | 1450 | 9/3 | 1 | 20156 | 700 | 86 |
| | | | 2 | 24062 | 681 | |
| | | | 3 | 28000 | 650 | |
| | | | 4 | 30051 | 620 | |
| | | | 5 | 31022 | 600 | |
| | 960 | | 1 | 13345 | 307 | 78 |
| | | | 2 | 15931 | 299 | |
| | | | 3 | 18538 | 285 | |
| | | | 4 | 19896 | 272 | |
| | | | 5 | 20539 | 263 | |

| 机号 Serial number | 转速 r/min Rotational speed | 功率 kW Power | 工况 Operating mode | 风量 $m^3/h$ Volume | 全压 Pa Total pressuer | 噪声 dB(A) Noise |
|---|---|---|---|---|---|---|
| 9S | 1450 | 16/13 | 1 | 34310 | 951 | 91 |
| | | | 2 | 37520 | 893 | |
| | | | 3 | 41115 | 834 | |
| | | | 4 | 43180 | 770 | |
| | | | 5 | 45870 | 660 | |
| | 960 | | 1 | 22716 | 417 | 82 |
| | | | 2 | 24841 | 391 | |
| | | | 3 | 27221 | 366 | |
| | | | 4 | 28588 | 338 | |
| | | | 5 | 30369 | 289 | |
| 9S1 | 1450 | 11/9 | 1 | 23226 | 881 | 89 |
| | | | 2 | 27426 | 836 | |
| | | | 3 | 31891 | 667 | |
| | | | 4 | 32000 | 606 | |
| | | | 5 | 34731 | 515 | |
| | 960 | | 1 | 15377 | 386 | 80 |
| | | | 2 | 18158 | 366 | |
| | | | 3 | 21114 | 292 | |
| | | | 4 | 21186 | 266 | |
| | | | 5 | 22994 | 226 | |
| 9S2 | 1450 | 12/4 | 1 | 26056 | 797 | 90 |
| | | | 2 | 30326 | 716 | |
| | | | 3 | 32221 | 662 | |
| | | | 4 | 32856 | 610 | |
| | | | 5 | 34856 | 506 | |
| | 960 | | 1 | 17251 | 349 | 81 |
| | | | 2 | 20078 | 314 | |
| | | | 3 | 21333 | 290 | |
| | | | 4 | 21753 | 267 | |
| | | | 5 | 23077 | 222 | |
| 9S3 | 1450 | 24/8 | 1 | 30345 | 1246 | 91 |
| | | | 2 | 33464 | 1193 | |
| | | | 3 | 38780 | 1155 | |
| | | | 4 | 42260 | 1090 | |
| | | | 5 | 46896 | 970 | |
| | 960 | | 1 | 20090 | 546 | 82 |
| | | | 2 | 22155 | 523 | |
| | | | 3 | 25675 | 506 | |
| | | | 4 | 27979 | 478 | |
| | | | 5 | 31048 | 425 | |
| 9S4 | 1450 | 17/5.5 | 1 | 36647 | 1056 | 91 |
| | | | 2 | 39162 | 926 | |
| | | | 3 | 42560 | 895 | |
| | | | 4 | 47147 | 798 | |
| | | | 5 | 51066 | 629 | |
| | 960 | | 1 | 24263 | 463 | 82 |
| | | | 2 | 25928 | 406 | |
| | | | 3 | 28178 | 392 | |
| | | | 4 | 31215 | 350 | |
| | | | 5 | 33809 | 276 | |

| 机号 Serial number | 转速 r/min Rotational speed | 功率 kW Power | 工况 Operating mode | 风量 $m^3/h$ Volume | 全压 Pa Total pressuer | 噪声 dB(A) Noise |
|---|---|---|---|---|---|---|
| 10S | 1450 | 22/18.5 | 1 | 36835 | 1222 | 92 |
| | | | 2 | 43624 | 1130 | |
| | | | 3 | 49000 | 900 | |
| | | | 4 | 51090 | 880 | |
| | | | 5 | 53219 | 813 | |
| | 960 | | 1 | 24387 | 536 | 82 |
| | | | 2 | 28882 | 495 | |
| | | | 3 | 32441 | 395 | |
| | | | 4 | 33825 | 386 | |
| | | | 5 | 35235 | 356 | |
| 10S1 | 1450 | 16/13 | 1 | 35510 | 893 | 90 |
| | | | 2 | 37622 | 833 | |
| | | | 3 | 40700 | 791 | |
| | | | 4 | 45543 | 730 | |
| | | | 5 | 48000 | 600 | |
| | 960 | | 1 | 23510 | 391 | 81 |
| | | | 2 | 24908 | 365 | |
| | | | 3 | 26946 | 347 | |
| | | | 4 | 30153 | 320 | |
| | | | 5 | 31779 | 263 | |
| 10S2 | 1450 | 11/9 | 1 | 34798 | 750 | 90 |
| | | | 2 | 37460 | 716 | |
| | | | 3 | 40000 | 690 | |
| | | | 4 | 42950 | 650 | |
| | | | 5 | 45556 | 615 | |
| | 960 | | 1 | 23039 | 329 | 81 |
| | | | 2 | 24801 | 314 | |
| | | | 3 | 26483 | 302 | |
| | | | 4 | 28436 | 285 | |
| | | | 5 | 30161 | 270 | |
| 10S3 | 1450 | 12/4 | 1 | 34862 | 751 | 90 |
| | | | 2 | 38200 | 730 | |
| | | | 3 | 40000 | 683 | |
| | | | 4 | 42951 | 622 | |
| | | | 5 | 45500 | 601 | |
| | 960 | | 1 | 23081 | 329 | 81 |
| | | | 2 | 25291 | 320 | |
| | | | 3 | 26483 | 299 | |
| | | | 4 | 28437 | 273 | |
| | | | 5 | 30124 | 263 | |
| 10S4 | 1450 | 24/8 | 1 | 38225 | 1300 | 93 |
| | | | 2 | 44261 | 1206 | |
| | | | 3 | 49430 | 1122 | |
| | | | 4 | 51611 | 1094 | |
| | | | 5 | 53600 | 922 | |
| | 960 | | 1 | 25308 | 570 | 83 |
| | | | 2 | 29304 | 529 | |
| | | | 3 | 32726 | 492 | |
| | | | 4 | 34170 | 480 | |
| | | | 5 | 35487 | 404 | |

| 机号 Serial number | 转速 r/min Rotational speed | 功率 kW Power | 工况 Operating mode | 风量 $m^3/h$ Volume | 全压 Pa Total pressuer | 噪声 dB(A) Noise |
|---|---|---|---|---|---|---|
| 11S | 960 | 30/15 | 1 | 46921 | 1283 | 91 |
| | | | 2 | 46900 | 1270 | |
| | | | 3 | 51501 | 1255 | |
| | | | 4 | 53100 | 922 | |
| | | | 5 | 57995 | 846 | |
| | 720 | | 1 | 35191 | 722 | 82 |
| | | | 2 | 35175 | 714 | |
| | | | 3 | 38626 | 706 | |
| | | | 4 | 39825 | 519 | |
| | | | 5 | 43496 | 476 | |
| 11S1 | 960 | 20/10 | 1 | 49896 | 813 | 90 |
| | | | 2 | 52033 | 795 | |
| | | | 3 | 55031 | 751 | |
| | | | 4 | 56360 | 683 | |
| | | | 5 | 62311 | 582 | |
| | 720 | | 1 | 37422 | 457 | 82 |
| | | | 2 | 39025 | 447 | |
| | | | 3 | 41273 | 422 | |
| | | | 4 | 42270 | 384 | |
| | | | 5 | 46733 | 327 | |
| 11S2 | 960 | 15.5/5.1 | 1 | 42113 | 722 | 92 |
| | | | 2 | 45036 | 703 | |
| | | | 3 | 48500 | 690 | |
| | | | 4 | 50006 | 592 | |
| | | | 5 | 51365 | 566 | |
| | 720 | | 1 | 31585 | 406 | 82 |
| | | | 2 | 33777 | 395 | |
| | | | 3 | 36375 | 388 | |
| | | | 4 | 37505 | 333 | |
| | | | 5 | 38524 | 318 | |
| 11.2S | 960 | 30/15 | 1 | 46892 | 1353 | 91 |
| | | | 2 | 57995 | 1047 | |
| | | | 3 | 66239 | 883 | |
| | | | 4 | 70286 | 715 | |
| | | | 5 | 74523 | 635 | |
| | 720 | | 1 | 35169 | 761 | 82 |
| | | | 2 | 43496 | 676 | |
| | | | 3 | 49679 | 440 | |
| | | | 4 | 52715 | 402 | |
| | | | 5 | 55892 | 357 | |
| 11.2S1 | 960 | 20/10 | 1 | 52000 | 800 | 90 |
| | | | 2 | 53779 | 770 | |
| | | | 3 | 55976 | 726 | |
| | | | 4 | 58859 | 691 | |
| | | | 5 | 62279 | 579 | |
| | 720 | | 1 | 39000 | 450 | 82 |
| | | | 2 | 40334 | 433 | |
| | | | 3 | 41982 | 408 | |
| | | | 4 | 44144 | 389 | |
| | | | 5 | 46709 | 326 | |

| 机号 Serial number | 转速 r/min Rotational speed | 功率 kW Power | 工况 Operating mode | 风量 $m^3/h$ Volume | 全压 Pa Total pressuer | 噪声 dB(A) Noise |
|---|---|---|---|---|---|---|
| 11.2S2 | 1450 | 16/13 | 1 | 43262 | 753 | 92 |
| | | | 2 | 46600 | 721 | |
| | | | 3 | 48500 | 690 | |
| | | | 4 | 50122 | 631 | |
| | | | 5 | 52263 | 539 | |
| | 960 | | 1 | 28642 | 330 | 82 |
| | | | 2 | 30852 | 316 | |
| | | | 3 | 32110 | 302 | |
| | | | 4 | 33184 | 277 | |
| | | | 5 | 34602 | 236 | |
| 11.2S3 | 960 | 17/8 | 1 | 41705 | 796 | 90 |
| | | | 2 | 45126 | 768 | |
| | | | 3 | 49349 | 744 | |
| | | | 4 | 50436 | 607 | |
| | | | 5 | 56510 | 505 | |
| | 720 | | 1 | 31279 | 448 | 81 |
| | | | 2 | 33845 | 432 | |
| | | | 3 | 37012 | 419 | |
| | | | 4 | 37827 | 341 | |
| | | | 5 | 42383 | 284 | |
| 12S | 960 | 30/15 | 1 | 63090 | 1033 | 92 |
| | | | 2 | 64523 | 910 | |
| | | | 3 | 68500 | 750 | |
| | | | 4 | 74356 | 531 | |
| | | | 5 | 85632 | 526 | |
| | 720 | | 1 | 42115 | 751 | 85 |
| | | | 2 | 48392 | 512 | |
| | | | 3 | 51375 | 422 | |
| | | | 4 | 55767 | 299 | |
| | | | 5 | 64224 | 296 | |
| 12S1 | 960 | 17/8 | 1 | 25612 | 835 | 90 |
| | | | 2 | 30265 | 803 | |
| | | | 3 | 43210 | 772 | |
| | | | 4 | 49353 | 759 | |
| | | | 5 | 55622 | 741 | |
| | 720 | | 1 | 19209 | 470 | 84 |
| | | | 2 | 22699 | 452 | |
| | | | 3 | 32408 | 434 | |
| | | | 4 | 37015 | 427 | |
| | | | 5 | 41717 | 417 | |
| 12.5S | 960 | 30/15 | 1 | 67700 | 910 | 92 |
| | | | 2 | 78500 | 850 | |
| | | | 3 | 80000 | 700 | |
| | | | 4 | 87118 | 655 | |
| | | | 5 | 94359 | 559 | |
| | 720 | | 1 | 50775 | 512 | 85 |
| | | | 2 | 58875 | 478 | |
| | | | 3 | 60000 | 394 | |
| | | | 4 | 65339 | 360 | |
| | | | 5 | 70769 | 314 | |

| 机号 Serial number | 转速 r/min Rotational speed | 功率 kW Power | 工况 Operating mode | 风量 $m^3/h$ Volume | 全压 Pa Total pressuer | 噪声 dB(A) Noise |
|---|---|---|---|---|---|---|
| 13S | 960 | 37/18 | 1 | 56318 | 1422 | 94 |
| | | | 2 | 62553 | 1301 | |
| | | | 3 | 70120 | 1200 | |
| | | | 4 | 79000 | 1100 | |
| | | | 5 | 88761 | 973 | |
| | 720 | | 1 | 42239 | 800 | 84 |
| | | | 2 | 46915 | 732 | |
| | | | 3 | 52590 | 675 | |
| | | | 4 | 59250 | 619 | |
| | | | 5 | 66571 | 547 | |
| 13S1 | 960 | 20/10 | 1 | 53804 | 857 | 93 |
| | | | 2 | 62000 | 520 | |
| | | | 3 | 69007 | 590 | |
| | | | 4 | 72190 | 513 | |
| | | | 5 | 73701 | 433 | |
| | 720 | | 1 | 40353 | 482 | 82 |
| | | | 2 | 46253 | 434 | |
| | | | 3 | 51755 | 332 | |
| | | | 4 | 54143 | 289 | |
| | | | 5 | 55276 | 244 | |
| 13S2 | 960 | 17/8 | 1 | 50123 | 801 | 93 |
| | | | 2 | 59226 | 779 | |
| | | | 3 | 61600 | 750 | |
| | | | 4 | 69268 | 593 | |
| | | | 5 | 71352 | 506 | |
| | 720 | | 1 | 37592 | 451 | 84 |
| | | | 2 | 42021 | 426 | |
| | | | 3 | 46200 | 391 | |
| | | | 4 | 51951 | 334 | |
| | | | 5 | 53514 | 285 | |
| 14S | 960 | 30/15 | 1 | 64687 | 979 | 94 |
| | | | 2 | 76608 | 906 | |
| | | | 3 | 80231 | 864 | |
| | | | 4 | 85090 | 790 | |
| | | | 5 | 89720 | 704 | |
| | 720 | | 1 | 48515 | 551 | 85 |
| | | | 2 | 57456 | 510 | |
| | | | 3 | 51002 | 467 | |
| | | | 4 | 60173 | 486 | |
| | | | 5 | 63818 | 444 | |
| 14S1 | 960 | 25/12 | 1 | 61350 | 800 | 95 |
| | | | 2 | 63011 | 750 | |
| | | | 3 | 67300 | 720 | |
| | | | 4 | 73230 | 690 | |
| | | | 5 | 79500 | 650 | |
| | 720 | | 1 | 46013 | 450 | 83 |
| | | | 2 | 47258 | 422 | |
| | | | 3 | 50475 | 405 | |
| | | | 4 | 54923 | 388 | |
| | | | 5 | 59625 | 366 | |

| 机号 Serial number | 转速 r/min Rotational speed | 功率 kW Power | 工况 Operating mode | 风量 $m^3/h$ Volume | 全压 Pa Total pressuer | 噪声 dB(A) Noise |
|---|---|---|---|---|---|---|
| 14S2 | 960 | 45/22 | 1 | 76800 | 1200 | 95 |
| | | | 2 | 91030 | 1180 | |
| | | | 3 | 101003 | 1060 | |
| | | | 4 | 110760 | 920 | |
| | | | 5 | 121200 | 760 | |
| | 720 | | 1 | 57600 | 675 | 85 |
| | | | 2 | 68273 | 664 | |
| | | | 3 | 75752 | 596 | |
| | | | 4 | 83070 | 518 | |
| | | | 5 | 90900 | 428 | |
| 15S | 960 | 25/12 | 1 | 75300 | 810 | 95 |
| | | | 2 | 76045 | 750 | |
| | | | 3 | 86000 | 700 | |
| | | | 4 | 89360 | 675 | |
| | | | 5 | 90650 | 630 | |
| | 720 | | 1 | 56475 | 456 | 85 |
| | | | 2 | 57034 | 422 | |
| | | | 3 | 64500 | 394 | |
| | | | 4 | 67020 | 380 | |
| | | | 5 | 67988 | 354 | |
| 15S1 | 960 | 45/22 | 1 | 82600 | 1210 | 96 |
| | | | 2 | 85355 | 1138 | |
| | | | 3 | 90450 | 1100 | |
| | | | 4 | 96400 | 1050 | |
| | | | 5 | 105500 | 980 | |
| | 720 | | 1 | 61950 | 681 | 86 |
| | | | 2 | 64016 | 640 | |
| | | | 3 | 67838 | 619 | |
| | | | 4 | 72300 | 591 | |
| | | | 5 | 79125 | 551 | |
| 16S | 960 | 45/22 | 1 | 89690 | 880 | 97 |
| | | | 2 | 95300 | 862 | |
| | | | 3 | 99125 | 849 | |
| | | | 4 | 114556 | 826 | |
| | | | 5 | 121130 | 790 | |
| | 720 | | 1 | 67268 | 495 | 88 |
| | | | 2 | 71475 | 485 | |
| | | | 3 | 74344 | 478 | |
| | | | 4 | 85917 | 465 | |
| | | | 5 | 90848 | 444 | |
| 16S1 | 960 | 30/15 | 1 | 88322 | 850 | 96 |
| | | | 2 | 93560 | 810 | |
| | | | 3 | 98620 | 782 | |
| | | | 4 | 109000 | 750 | |
| | | | 5 | 113000 | 710 | |
| | 720 | | 1 | 66242 | 478 | 86 |
| | | | 2 | 70170 | 456 | |
| | | | 3 | 73965 | 440 | |
| | | | 4 | 81750 | 422 | |
| | | | 5 | 84750 | 399 | |



# HL3-2A混流风机

## HL3-2A Mixed flow fan

## 型号表示

Model expression

HL3-2A-（S、X）-□（A、B、C）

- C型（高压型）
  C(high pressure)
- B型（中压型）
  B(Mid pressure)
- A型（低压型）
  A（low pressure)
- 机号（叶轮直径尺寸（mm）除以100）
  The serial number ( the diameter size(mm) of impeller divides 100 )
- 消声型
  Noise elimination
- 双速型
  Double speed
- 混流风机
  Mixed flow fan

型号示例： HL3-2A-5A №5A混流风机
HL3-2A-X-5A №5A消声型混流风机
HL3-2A-S-5 №5双速型混流风机
HL3-2A-SX-5 №5双速消声型混流风机
注：用户在设计图纸和定货清单中应按此型号表示方法表明所需风机的型号和规格。

Model demonstration:YTHL-5A No5A Mixed Flow Fan
HL3-2A-X-5A No5A Noise Elimination Mixed Flow Fan
HL3-2A-S-5 No5 Double Speed Mixed Flow Fan
HL3-2A-SX-5 No5 Double Speed Noise Elimination Mixed Flow Fan
Note:Users should express model and specification of the fan in the designed paper and the ordered merchandise list.

## 结构型式

Structure pattern

HL3-2A混流风机采用性能优越的混流式叶轮、圆筒形外壳和直线形连接方式。 为适应不同场合的使用需要，采用不同的叶型、轮毂比和叶轮转速，使同一规格的风机具备3种性能参数，即A型（低压型）、B型（中压型）和C型（高压型）。 同时提供双速型和消声型。

HL3-2A mixed flow fan adopts superior performance interflow impeller,circle tubular outer covering and rectilinear connection.In order to meet the different situation,uses different blade,rate between wheel and hub,and speed of impeller.Make the same specification fan have 3 kinds of performance parameters,namely A(low pressure),B(mid)and C(high).provide double speed and noise elimination one at the same time.

## 适用场合

Suitable situation

HL3-2A混流风机所具有的压力系数和流量系数，以及直线形连接方式，适合于各类民用和工业建筑中风道系统的加压、送风和排风及一般通风换气。在需要设置消防排烟系统的高层建筑和其它建筑中，作为防烟楼梯间和前室的正压送风机，可使火灾发生时楼梯间和前室保持必要的正压 保证人员的安全疏散。

HL3-2A mixed flow suits in positive pressure,blast,exhaust and general taking a breath in all kinds of civil and industrial architectures.In the high buildings and other constructions which need to establish fire fighting and smoke exhaust system,positive pressure air feeder in stair hall and first room can let them maintain an essential positive pressure,guarantee personnel's safety disperses.

## 执行标准

The standard carried out

GB/T 1236《工业通风机用标准化风道进行性能试验》
GB/T 2888《风机和罗茨鼓风机噪声测量方法》
JB/T4364《风机配套消声器性能试验方法》

GB/T 1236"Industry Fan,Performance Test through Standardized Air Pipe"
GB/T 2888"Air Blower and Luo Tribulus Air Blower Noise Measurement Method"
JB/T4364"Air Blower Necessary Silencer Performance Test Method

# HL3-2A混流风机技术参数表

Parameter list of HL3-2A Mixed Flow Fan

| 机号 Serial number | 转速 r/min Rotational speed | 工况 Operating mode | 风量 $m^3/h$ Volume | 全压 Pa Total pressuer | 功率 kW Power | 出口噪声 dB(A) Exit noise |
|---|---|---|---|---|---|---|
| 4A | 1450 | 1 | 3945 | 130.3 | 0.37 | 71 |
| | | 2 | 3612 | 160.3 | | |
| | | 3 | 3300 | 185.0 | | |
| | | 4 | 2982 | 204.8 | | |
| | | 5 | 2538 | 213.7 | | |
| 4B | 1450 | 1 | 4642 | 171.0 | 0.55 | 75 |
| | | 2 | 4260 | 212.2 | | |
| | | 3 | 3880 | 256.0 | | |
| | | 4 | 3503 | 282.8 | | |
| | | 5 | 3127 | 296.0 | | |
| 4C | 2900 | 1 | 7663 | 468.9 | 2.2 | 85 |
| | | 2 | 7195 | 617.8 | | |
| | | 3 | 6716 | 758.9 | | |
| | | 4 | 6205 | 849.8 | | |
| | | 5 | 5380 | 954.4 | | |
| 4.5A | 1450 | 1 | 5608 | 165.9 | 0.55 | 72 |
| | | 2 | 5141 | 203.0 | | |
| | | 3 | 4700 | 235.0 | | |
| | | 4 | 4252 | 261.0 | | |
| | | 5 | 3623 | 272.2 | | |
| 4.5B | 1450 | 1 | 6552 | 217.9 | 0.75 | 77 |
| | | 2 | 6021 | 269.2 | | |
| | | 3 | 5500 | 320.0 | | |
| | | 4 | 4961 | 360.3 | | |
| | | 5 | 4432 | 378.0 | | |
| 4.5C | 2900 | 1 | 10338 | 521.1 | 3 | 87 |
| | | 2 | 9573 | 712.3 | | |
| | | 3 | 8684 | 858.2 | | |
| | | 4 | 7785 | 951.0 | | |
| | | 5 | 6769 | 1020.7 | | |
| 5A | 1450 | 1 | 7711 | 203.1 | 0.75 | 75 |
| | | 2 | 7062 | 248.2 | | |
| | | 3 | 6580 | 280.0 | | |
| | | 4 | 5830 | 317.9 | | |
| | | 5 | 5009 | 337.3 | | |
| 5B | 1450 | 1 | 9072 | 267.1 | 1.5 | 80 |
| | | 2 | 8327 | 319.8 | | |
| | | 3 | 7702 | 390.0 | | |
| | | 4 | 6847 | 439.3 | | |
| | | 5 | 6170 | 468.1 | | |
| 5C | 2900 | 1 | 12648 | 468.7 | 4 | 90 |
| | | 2 | 11200 | 739.0 | | |
| | | 3 | 9808 | 934.0 | | |
| | | 4 | 7295 | 1082.0 | | |
| | | 5 | 3286 | 1225.4 | | |
| 5.5A | 1450 | 1 | 9903 | 223.4 | 1.5 | 79 |
| | | 2 | 8375 | 300.4 | | |
| | | 3 | 8733 | 367.5 | | |
| | | 4 | 8128 | 417.3 | | |
| | | 5 | 7075 | 473.0 | | |

| 机号 Serial number | 转速 r/min Rotational speed | 工况 Operating mode | 风量 $m^3/h$ Volume | 全压 Pa Total pressuer | 功率 kW Power | 出口噪声 dB(A) Exit noise |
|---|---|---|---|---|---|---|
| 5.5B | 1450 | 1 | 11988 | 318.7 | 2.2 | 82 |
| | | 2 | 11074 | 398.6 | | |
| | | 3 | 10200 | 473.0 | | |
| | | 4 | 9153 | 535.8 | | |
| | | 5 | 8229 | 568.8 | | |
| 5.5C | 2900 | 1 | 18443 | 786.4 | 7.5 | 92 |
| | | 2 | 16567 | 1101.0 | | |
| | | 3 | 14286 | 1310.3 | | |
| | | 4 | 11725 | 1441.3 | | |
| | | 5 | 8335 | 1511.9 | | |
| 6A | 1450 | 1 | 13829 | 291.2 | 2.2 | 81 |
| | | 2 | 12627 | 356.2 | | |
| | | 3 | 11600 | 408.0 | | |
| | | 4 | 10425 | 455.5 | | |
| | | 5 | 8873 | 474.8 | | |
| 6B | 1450 | 1 | 14226 | 333.2 | 3 | 84 |
| | | 2 | 13195 | 459.3 | | |
| | | 3 | 12084 | 538.8 | | |
| | | 4 | 11008 | 602.0 | | |
| | | 5 | 9513 | 646.9 | | |
| 6C | 2900 | 1 | 21984 | 714.8 | 11 | 92 |
| | | 2 | 19540 | 1106.0 | | |
| | | 3 | 16923 | 1398.0 | | |
| | | 4 | 12587 | 1627.2 | | |
| | | 5 | 5636 | 1820.1 | | |
| 6.5A | 960 | 1 | 11641 | 151.2 | 1.5 | 76 |
| | | 2 | 10629 | 184.9 | | |
| | | 3 | 9764 | 211.8 | | |
| | | 4 | 8775 | 236.5 | | |
| | | 5 | 7469 | 246.5 | | |
| 6.5B | 1450 | 1 | 17186 | 356.7 | 3 | 84 |
| | | 2 | 15755 | 435.9 | | |
| | | 3 | 14500 | 510.0 | | |
| | | 4 | 13036 | 561.3 | | |
| | | 5 | 11105 | 585.4 | | |
| 6.5C | 2900 | 1 | 27048 | 822.0 | 15 | 97 |
| | | 2 | 24650 | 1220.0 | | |
| | | 3 | 22005 | 1509.0 | | |
| | | 4 | 18400 | 1830.0 | | |
| | | 5 | 14298 | 2030.1 | | |
| 7A | 960 | 1 | 16745 | 235.5 | 2.2 | 81 |
| | | 2 | 15388 | 292.6 | | |
| | | 3 | 14110 | 351.0 | | |
| | | 4 | 12679 | 391.4 | | |
| | | 5 | 11329 | 410.0 | | |
| 7B | 1450 | 1 | 22412 | 417.6 | 4 | 85 |
| | | 2 | 20524 | 508.7 | | |
| | | 3 | 19020 | 587.0 | | |
| | | 4 | 16946 | 651.3 | | |
| | | 5 | 14559 | 691.0 | | |

| 机号 Serial number | 转速 r/min Rotational speed | 工况 Operating mode | 风量 $m^3/h$ Volume | 全压 Pa Total pressuer | 功率 kW Power | 出口噪声 dB(A) Exit noise |
|---|---|---|---|---|---|---|
| 7C | 1450 | 1 | 27478 | 615.5 | 11 | 90 |
| | | 2 | 25633 | 738.1 | | |
| | | 3 | 24084 | 803.5 | | |
| | | 4 | 22411 | 859.4 | | |
| | | 5 | 20814 | 900.5 | | |
| 8A | 960 | 1 | 22298 | 240.8 | 3 | 81 |
| | | 2 | 20420 | 298.8 | | |
| | | 3 | 19010 | 340.0 | | |
| | | 4 | 16859 | 377.9 | | |
| | | 5 | 14484 | 401.0 | | |
| 8B | 960 | 1 | 24769 | 302.5 | 5.5 | 85 |
| | | 2 | 22932 | 378.3 | | |
| | | 3 | 21009 | 455.0 | | |
| | | 4 | 18912 | 509.7 | | |
| | | 5 | 17002 | 540.4 | | |
| 8C | 1450 | 1 | 37971 | 698.3 | 15 | 92 |
| | | 2 | 35080 | 873.2 | | |
| | | 3 | 32010 | 1050.0 | | |
| | | 4 | 28996 | 1182.8 | | |
| | | 5 | 26069 | 1247.8 | | |
| 9A | 960 | 1 | 30245 | 271.8 | 4 | 80 |
| | | 2 | 28581 | 313.7 | | |
| | | 3 | 26067 | 380.0 | | |
| | | 4 | 24102 | 435.2 | | |
| | | 5 | 20661 | 468.1 | | |
| 9B | 960 | 1 | 33257 | 359.6 | 7.5 | 87 |
| | | 2 | 30947 | 452.5 | | |
| | | 3 | 28473 | 552.4 | | |
| | | 4 | 26687 | 612.9 | | |
| | | 5 | 22807 | 674.7 | | |
| 9C | 1450 | 1 | 47944 | 700.4 | 15 | 91 |
| | | 2 | 43814 | 850.3 | | |
| | | 3 | 40500 | 978.0 | | |
| | | 4 | 36173 | 1088.0 | | |
| | | 5 | 30885 | 1138.3 | | |
| 10A | 720 | 1 | 36189 | 259.9 | 5.5 | 81 |
| | | 2 | 33880 | 296.8 | | |
| | | 3 | 31416 | 347.9 | | |
| | | 4 | 28775 | 388.0 | | |
| | | 5 | 24864 | 420.0 | | |
| 10B | 960 | 1 | 41540 | 358.6 | 11 | 87 |
| | | 2 | 39124 | 473.0 | | |
| | | 3 | 36500 | 580.0 | | |
| | | 4 | 32367 | 672.0 | | |
| | | 5 | 29250 | 736.6 | | |
| 10C | 1450 | 1 | 58047 | 643.9 | 18.5 | 92 |
| | | 2 | 54040 | 772.3 | | |
| | | 3 | 49404 | 892.1 | | |
| | | 4 | 44008 | 1020.1 | | |
| | | 5 | 36712 | 1117.2 | | |
| 11A | 720 | 1 | 43624 | 259.0 | 5.5 | 83 |
| | | 2 | 39992 | 316.9 | | |
| | | 3 | 37200 | 361.0 | | |
| | | 4 | 33086 | 407.9 | | |
| | | 5 | 28190 | 425.5 | | |

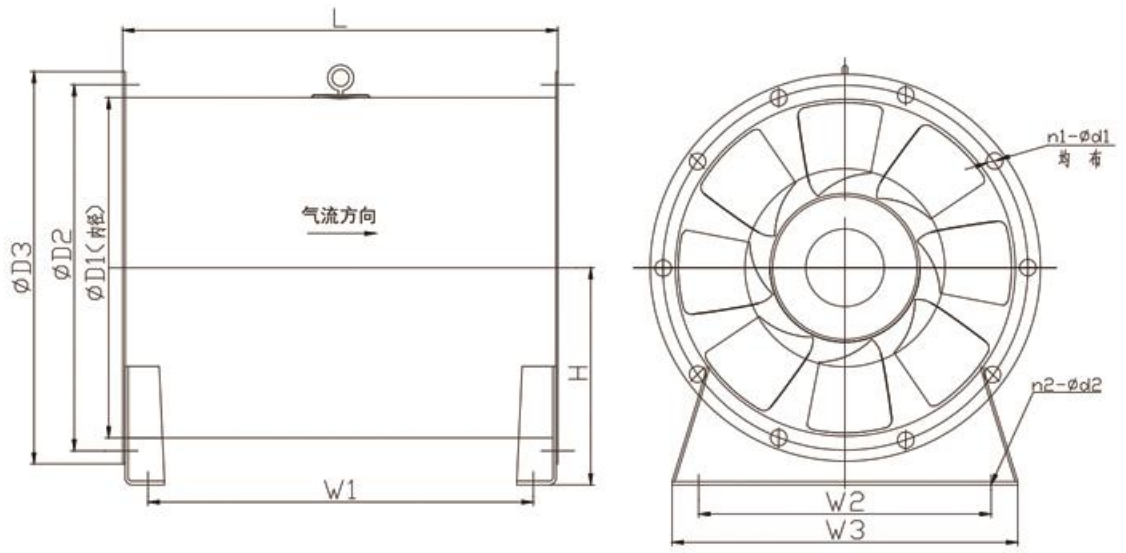
| 机号 Serial number | 转速 r/min Rotational speed | 工况 Operating mode | 风量 $m^3/h$ Volume | 全压 Pa Total pressuer | 功率 kW Power | 出口噪声 dB(A) Exit noise |
|---|---|---|---|---|---|---|
| 11B | 960 | 1 | 55163 | 431.2 | 15 | 88 |
| | | 2 | 51872 | 561.9 | | |
| | | 3 | 48010 | 703.0 | | |
| | | 4 | 42857 | 801.9 | | |
| | | 5 | 39047 | 893.4 | | |
| 11C | 960 | 1 | 67081 | 574.1 | 22 | 94 |
| | | 2 | 61833 | 715.4 | | |
| | | 3 | 56500 | 852.0 | | |
| | | 4 | 50900 | 955.2 | | |
| | | 5 | 45856 | 1017.7 | | |
| 12A | 720 | 1 | 55057 | 316.6 | 7.5 | 85 |
| | | 2 | 50421 | 385.9 | | |
| | | 3 | 47008 | 440.0 | | |
| | | 4 | 41629 | 494.0 | | |
| | | 5 | 35764 | 523.6 | | |
| 12B | 960 | 1 | 67341 | 427.9 | 15 | 90 |
| | | 2 | 60486 | 599.4 | | |
| | | 3 | 52162 | 728.4 | | |
| | | 4 | 42810 | 785.3 | | |
| | | 5 | 30432 | 822.8 | | |
| 12C | 960 | 1 | 74088 | 494.9 | 22 | 95 |
| | | 2 | 70152 | 659.6 | | |
| | | 3 | 66010 | 780.0 | | |
| | | 4 | 60010 | 882.0 | | |
| | | 5 | 52940 | 1047.8 | | |
| 13A | 720 | 1 | 72249 | 365.7 | 15 | 87 |
| | | 2 | 66576 | 450.7 | | |
| | | 3 | 61010 | 521.0 | | |
| | | 4 | 55252 | 583.2 | | |
| | | 5 | 47370 | 616.6 | | |
| 13B | 720 | 1 | 73770 | 405.6 | 22 | 91 |
| | | 2 | 68998 | 542.0 | | |
| | | 3 | 62655 | 655.1 | | |
| | | 4 | 56358 | 745.1 | | |
| | | 5 | 49326 | 787.2 | | |
| 13C | 960 | 1 | 94939 | 605.7 | 37 | 96 |
| | | 2 | 89141 | 793.3 | | |
| | | 3 | 82020 | 962.0 | | |
| | | 4 | 73606 | 1122.8 | | |
| | | 5 | 66645 | 1235.4 | | |
| 14A | 720 | 1 | 81213 | 385.0 | 18.5 | 88 |
| | | 2 | 74837 | 474.8 | | |
| | | 3 | 68580 | 548.8 | | |
| | | 4 | 62107 | 614.3 | | |
| | | 5 | 53248 | 649.5 | | |
| 14B | 720 | 1 | 85213 | 397.7 | 22 | 89 |
| | | 2 | 80253 | 528.6 | | |
| | | 3 | 74991 | 644.2 | | |
| | | 4 | 69357 | 730.3 | | |
| | | 5 | 60000 | 817.0 | | |
| 14C | 960 | 1 | 119949 | 747.9 | 45 | 97 |
| | | 2 | 110076 | 915.7 | | |
| | | 3 | 101700 | 1050.0 | | |
| | | 4 | 90469 | 1172.2 | | |
| | | 5 | 77836 | 1235.3 | | |

# HL3-2A-S 双速混流风机技术参数表

Parameter list of HL3-2A-S Double Speed Mixed Flow Fan

| 机号 Serial number | 转速 r/min Rotational speed | 工况 Operating mode | 风量 $m^3/h$ Volume | 全压 Pa Total pressuer | 功率 kW Power | 出口噪声 dB(A) Exit noise |
|---|---|---|---|---|---|---|
| 6 | 1450 | 1 | 14100 | 294.7 | 2.5 | 82 |
| | | 2 | 13237 | 385.3 | | |
| | | 3 | 12350 | 472.0 | | |
| | | 4 | 11031 | 545.9 | | |
| | | 5 | 9898 | 599.8 | | |
| | 960 | 1 | 9240 | 126.5 | 0.9 | 75 |
| | | 2 | 8711 | 166.8 | | |
| | | 3 | 7805 | 217.6 | | |
| | | 4 | 7194 | 236.1 | | |
| | | 5 | 6534 | 261.5 | | |
| 6.5 | 1450 | 1 | 17626 | 930 | 9 | 83 |
| | | 2 | 20765 | 856 | | |
| | | 3 | 22000 | 733 | | |
| | | 4 | 23746 | 559 | | |
| | | 5 | 24620 | 431 | | |
| | 960 | 1 | 11316 | 359 | 3 | 77 |
| | | 2 | 13400 | 315 | | |
| | | 3 | 14026 | 254 | | |
| | | 4 | 14736 | 189 | | |
| | | 5 | 15013 | 146 | | |
| 7 | 1450 | 1 | 27478 | 615.5 | 9 | 90 |
| | | 2 | 26008 | 719.0 | | |
| | | 3 | 24084 | 803.5 | | |
| | | 4 | 22411 | 859.4 | | |
| | | 5 | 20814 | 900.5 | | |
| | 960 | 1 | 18218 | 270.9 | 3 | 80 |
| | | 2 | 17030 | 326.0 | | |
| | | 3 | 15951 | 352.4 | | |
| | | 4 | 14951 | 382.6 | | |
| | | 5 | 13857 | 399.0 | | |
| 8 | 1450 | 1 | 38635 | 722.4 | 17 | 93 |
| | | 2 | 35393 | 889.2 | | |
| | | 3 | 33009 | 1040.0 | | |
| | | 4 | 30008 | 1150.0 | | |
| | | 5 | 26057 | 1249.8 | | |
| | 960 | 1 | 25491 | 314.0 | 5.5 | 84 |
| | | 2 | 23449 | 389.9 | | |
| | | 3 | 21079 | 477.7 | | |
| | | 4 | 19283 | 519.6 | | |
| | | 5 | 17317 | 552.0 | | |
| 9 | 1450 | 1 | 47873 | 698.3 | 17 | 91 |
| | | 2 | 44022 | 858.1 | | |
| | | 3 | 40500 | 1002.0 | | |
| | | 4 | 36384 | 1100.7 | | |
| | | 5 | 31258 | 1166.4 | | |
| | 960 | 1 | 31849 | 309.3 | 5.5 | 84 |
| | | 2 | 29348 | 380.8 | | |
| | | 3 | 27006 | 441.0 | | |
| | | 4 | 24357 | 493.4 | | |
| | | 5 | 20882 | 520.5 | | |

| 机号 Serial number | 转速 r/min Rotational speed | 工况 Operating mode | 风量 $m^3/h$ Volume | 全压 Pa Total pressuer | 功率 kW Power | 出口噪声 dB(A) Exit noise |
|---|---|---|---|---|---|---|
| 10 | 1450 | 1 | 63515 | 788.5 | 24 | 92 |
| | | 2 | 59525 | 894.9 | | |
| | | 3 | 54407 | 1087.7 | | |
| | | 4 | 49942 | 1228.2 | | |
| | | 5 | 42636 | 1309.9 | | |
| | 960 | 1 | 41907 | 343.0 | 8 | 84 |
| | | 2 | 39010 | 398.0 | | |
| | | 3 | 35900 | 473.1 | | |
| | | 4 | 33084 | 539.2 | | |
| | | 5 | 28337 | 578.3 | | |
| 11 | 960 | 1 | 67772 | 585.4 | 25 | 94 |
| | | 2 | 62470 | 729.6 | | |
| | | 3 | 57500 | 871.0 | | |
| | | 4 | 52009 | 961.0 | | |
| | | 5 | 46328 | 1038.7 | | |
| | 720 | 1 | 50378 | 323.4 | 123 | 85 |
| | | 2 | 46534 | 404.5 | | |
| | | 3 | 41918 | 498.6 | | |
| | | 4 | 38465 | 545.5 | | |
| | | 5 | 34581 | 578.9 | | |
| 12 | 960 | 1 | 87016 | 755.9 | 30 | 95 |
| | | 2 | 81293 | 854.1 | | |
| | | 3 | 75382 | 997.0 | | |
| | | 4 | 69036 | 1104.9 | | |
| | | 5 | 59847 | 1200.5 | | |
| | 720 | 1 | 64149 | 410.5 | 15 | 86 |
| | | 2 | 60180 | 467.7 | | |
| | | 3 | 55576 | 541.6 | | |
| | | 4 | 51108 | 605.2 | | |
| | | 5 | 44441 | 661.7 | | |
| 13 | 960 | 1 | 96254 | 647.5 | 30 | 96 |
| | | 2 | 88473 | 796.7 | | |
| | | 3 | 82004 | 920.0 | | |
| | | 4 | 73131 | 1020.9 | | |
| | | 5 | 62819 | 1083.5 | | |
| | 720 | 1 | 71520 | 358.0 | 15 | 88 |
| | | 2 | 65903 | 441.3 | | |
| | | 3 | 60012 | 521.0 | | |
| | | 4 | 54701 | 571.0 | | |
| | | 5 | 46891 | 602.8 | | |
| 14 | 960 | 1 | 121198 | 763.6 | 45 | 96 |
| | | 2 | 110761 | 927.1 | | |
| | | 3 | 101000 | 1062.0 | | |
| | | 4 | 91030 | 1186.8 | | |
| | | 5 | 78078 | 1243.0 | | |
| | 720 | 1 | 90573 | 426.5 | 22 | 89 |
| | | 2 | 83118 | 522.1 | | |
| | | 3 | 76089 | 612.0 | | |
| | | 4 | 68313 | 668.4 | | |
| | | 5 | 58774 | 703.9 | | |




## HL3-2A混流风机外形和安装尺寸表（mm）

The Contour and Installation Size(mm) of HL3-2A Mixed Flow Fan

| 机号 Serial number | L | D1 | D2 | D3 | W1 | W2 | W3 | H | n1-φd1 | n2-φd2 |
|---|---|---|---|---|---|---|---|---|---|---|
| 5C | 500 | 505 | 540 | 565 | 456 | 300 | 400 | 310 | 8-φ12 | 2-φ10 |
| 5.5A | 430 | 555 | 590 | 615 | 386 | 340 | 440 | 340 | 8-φ12 | 2-φ10 |
| 5.5B | 480 | 555 | 590 | 615 | 436 | 340 | 440 | 340 | 8-φ12 | 2-φ10 |
| 5.5C | 650 | 555 | 590 | 615 | 606 | 340 | 440 | 340 | 8-φ12 | 2-φ10 |
| 6A | 500 | 605 | 650 | 685 | 450 | 380 | 480 | 370 | 12-φ12 | 2-φ12 |
| 6B | 500 | 605 | 650 | 685 | 450 | 380 | 480 | 370 | 12-φ12 | 2-φ12 |
| 6C | 780 | 605 | 650 | 685 | 730 | 380 | 480 | 370 | 12-φ12 | 2-φ12 |
| 6.5A | 500 | 655 | 690 | 735 | 450 | 420 | 520 | 390 | 12-φ12 | 4-φ12 |
| 6.5B | 500 | 655 | 690 | 735 | 450 | 420 | 520 | 390 | 12-φ12 | 4-φ12 |
| 6.5C | 800 | 655 | 690 | 735 | 750 | 420 | 520 | 390 | 12-φ12 | 4-φ12 |
| 7A | 530 | 705 | 750 | 785 | 480 | 460 | 560 | 430 | 12-φ12 | 4-φ12 |
| 7B | 530 | 705 | 750 | 785 | 480 | 460 | 560 | 430 | 12-φ12 | 4-φ12 |
| 7C | 800 | 705 | 750 | 785 | 750 | 460 | 560 | 430 | 12-φ12 | 4-φ12 |
| 8A | 650 | 805 | 850 | 885 | 600 | 540 | 640 | 480 | 12-φ12 | 4-φ15 |
| 8B | 800 | 805 | 850 | 885 | 750 | 540 | 640 | 480 | 12-φ12 | 4-φ15 |
| 8C | 800 | 805 | 850 | 885 | 750 | 540 | 640 | 480 | 12-φ12 | 4-φ15 |
| 9A | 650 | 905 | 950 | 1005 | 600 | 620 | 720 | 530 | 16-φ15 | 4-φ15 |
| 9B | 800 | 905 | 960 | 1005 | 750 | 620 | 720 | 530 | 16-φ15 | 4-φ15 |
| 9C | 800 | 905 | 960 | 1005 | 750 | 620 | 720 | 530 | 16-φ15 | 4-φ15 |
| 10A | 800 | 1005 | 1060 | 1105 | 750 | 700 | 800 | 580 | 16-φ15 | 4-φ15 |
| 10B | 800 | 1005 | 1060 | 1105 | 750 | 700 | 800 | 580 | 16-φ15 | 4-φ15 |
| 10C | 880 | 1005 | 1060 | 1105 | 830 | 700 | 800 | 580 | 16-φ15 | 4-φ15 |
| 11A | 800 | 1105 | 1180 | 1205 | 750 | 780 | 880 | 630 | 16-φ15 | 4-φ15 |
| 11B | 880 | 1105 | 1180 | 1205 | 830 | 780 | 880 | 630 | 16-φ15 | 4-φ15 |
| 11C | 920 | 1105 | 1180 | 1205 | 870 | 780 | 880 | 630 | 16-φ15 | 4-φ15 |
| 12A | 880 | 1205 | 1310 | 1305 | 825 | 860 | 960 | 720 | 20-φ15 | 4-φ15 |
| 12B | 900 | 1205 | 1310 | 1305 | 845 | 860 | 960 | 720 | 20-φ15 | 4-φ15 |
| 12C | 940 | 1205 | 1310 | 1305 | 885 | 860 | 960 | 720 | 20-φ15 | 4-φ15 |
| 13A | 980 | 1305 | 1365 | 1405 | 925 | 940 | 1040 | 770 | 20-φ15 | 4-φ15 |
| 13B | 1050 | 1305 | 1365 | 1405 | 995 | 940 | 1040 | 770 | 20-φ15 | 4-φ15 |
| 13C | 1100 | 1305 | 1365 | 1405 | 1045 | 940 | 1040 | 770 | 20-φ15 | 4-φ15 |
| 14A | 1050 | 1405 | 1465 | 1505 | 995 | 1020 | 1120 | 810 | 20-φ15 | 4-φ15 |
| 14B | 1050 | 1405 | 1465 | 1505 | 995 | 1020 | 1120 | 810 | 20-φ15 | 4-φ15 |
| 14C | 1200 | 1405 | 1465 | 1505 | 1145 | 1020 | 1120 | 810 | 20-φ15 | 4-φ15 |

注：本系列风机一般不在法兰上打孔，打孔需订货时注明，敬请客户注意。

Note: this series of fans are generally not punched on the flanges. When the punching needs to be ordered, we should pay attention to the customers.

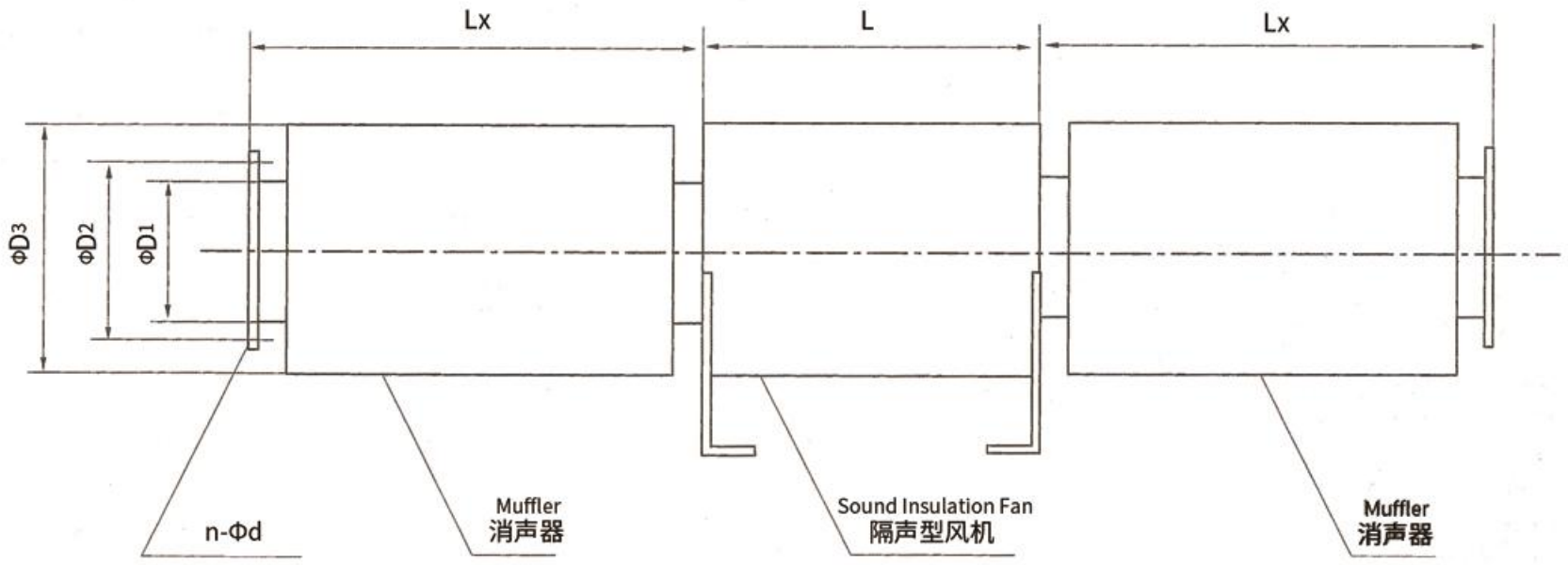
# HL3-2A-X 消声型混流风机

## HL3-2A-X Noise Elimination Mixed Flow Fan

HL3-2A-X 消声型混流风机由3部分组成：隔声型风机、进口消声器和出口消声器。进、出口消声器按国家标准图制做。消声器长度LX有600、900、1200、1500、2000等5种尺寸，用户也可根据安装现场的实际情况，自定消声器长度LX尺寸。 不同长度LX尺寸的消声器的消声量列于下表：

The HL3-2A-X noise elimination mixed flow fan is composed of 3 parts:sound insulation fan,entrance and exit silencer.The silencers are made according to the National Standard Drawing. Silencer length LX has 600,900,1,200,1,500,2,000.Users also can decide the length according to installation scene by themselves. The disappeared loudness of different length silencer is listed as follows.

| 消声器长度 Lx(mm) Silencer length | 600 | 900 | 1200 | 1500 | 2000 |
|---|---|---|---|---|---|
| 消声量（分贝）dB(A) Disappeared loudness | 4–6 | 6–8 | 7–11 | 9–13 | 11–15 |




| 机号 Serial number | 4 | 4.5 | 5 | 5.5 | 6 | 6.5 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D1 | 402 | 452 | 503 | 553 | 603 | 653 | 703 | 804 | 904 | 1004 | 1105 | 1205 | 1306 | 1406 |
| D2 | 440 | 490 | 550 | 600 | 650 | 700 | 750 | 850 | 960 | 1060 | 1160 | 1260 | 1370 | 1470 |
| D3 | 505 | 555 | 606 | 656 | 706 | 756 | 806 | 908 | 1008 | 1108 | 1210 | 1310 | 1412 | 1512 |
| n | 8 | 8 | 8 | 12 | 12 | 12 | 12 | 16 | 16 | 16 | 20 | 20 | 20 | 20 |
| d | 10 | 10 | 12 | 12 | 12 | 12 | 12 | 12 | 16 | 16 | 16 | 16 | 16 | 16 |
| L | 隔声型风机长度尺寸与不隔声型风机长度尺寸一致，底脚螺栓孔尺寸不变。 The technical parameters of fans with and without sound insulation are same,the footing bolt hole size is invariable. | | | | | | | | | | | | | |
| Lx | 600、900、1200、1500、2000 | | | | | | | | | | | | | |

*除本样本给出的型号规格和技术参数外，我公司可根据用户的特殊要求设计制做非标准型风机产品。

*由于技术进步日新月异，产品设计变更可能随时发生，请与我公司保持经常联系，以便获取最新技术。

*We can make the non-standard fan according to user's special request besides parameters in this sample.

*Because technology advances continuously,the product design will change necessarily,please get in touch with us frequently,in order to gain the newest technology.

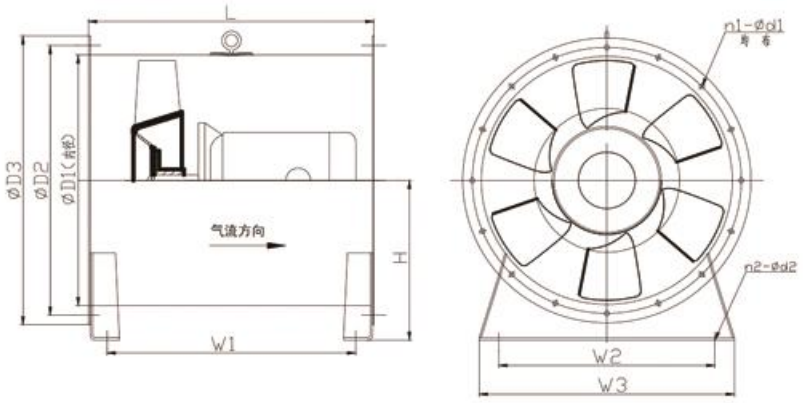
# SWF型混流式风机
## SWF Mixed Flow Fan

## SWF系列高效低噪混流式通风机
Series of High Efficiency Low Noise Mixed Flow Fan

### 特点及用途

特点：1、先进的CAD设计使其高效且高效区宽。
2、应用斜流子午加速法，压力比同机号轴流风机高，风量较同机号大。
3、电机内置直联、体积小，安装方便、运转平稳。
4、比A声级低，比同类产品小3–5dB(A)。

用途：广泛应用于工矿企业和高级民用建筑的送排风系统。




### Characteristic and Application

Characteristics:1.Advanced CAD design,high efficiency and its area is wide.
2.Application oblique flow Ziwu Acceleration Law,higher pressure and volume
3.Electrical machinery set inside,small bulk,convenient installment and steady movement.
4.Lower than A sound level,less 3-5dB (A) than the similar.
Application:Widely is applied in air deliver the exhaust system in the industry and mining enterprise and the senior civil construction.

### SWF–1型混流式通风机外型尺寸表
Outlook Size of SWF-1 Mixed Flow Fan

| 机号 Serial number | D1 | D2 | D3 | L | P1 | L1 | L2 | H | n–φ1 | 4–φ2 |
|---|---|---|---|---|---|---|---|---|---|---|
| 4 | 330 | 405 | 440 | 465 | 286 | 220 | 320 | 260 | 8–φ10 | 2–φ10 |
| 4.5 | 380 | 455 | 490 | 515 | 336 | 260 | 360 | 290 | 8–φ10 | 2–φ10 |
| 5 | 500 | 505 | 540 | 565 | 456 | 300 | 400 | 310 | 8–φ12 | 2–φ10 |
| 6 | 450 | 605 | 650 | 685 | 400 | 380 | 480 | 370 | 12–φ12 | 2–φ12 |
| 7 | 530 | 705 | 750 | 785 | 480 | 460 | 560 | 430 | 12–φ12 | 4–φ12 |
| 8 | 650 | 805 | 850 | 885 | 600 | 540 | 640 | 480 | 12–φ12 | 4–φ15 |
| 9 | 650 | 905 | 950 | 1005 | 600 | 620 | 720 | 530 | 16–φ15 | 4–φ15 |
| 10 | 800 | 1005 | 1060 | 1105 | 750 | 700 | 800 | 580 | 16–φ15 | 4–φ15 |
| 11 | 800 | 1105 | 1180 | 1205 | 750 | 780 | 880 | 630 | 16–φ15 | 4–φ15 |
| 12 | 940 | 1205 | 1310 | 1305 | 885 | 860 | 960 | 720 | 20–φ15 | 4–φ15 |
| 13 | 980 | 1305 | 1365 | 1405 | 925 | 940 | 1040 | 770 | 20–φ15 | 4–φ15 |
| 14 | 1100 | 1405 | 1465 | 1505 | 1045 | 1020 | 1120 | 810 | 20–φ15 | 4–φ15 |

### SWF–1型高效低噪混流式通风机性能参数表
Performance Parameter of SWF-1 Highly Effective Silent Mixed Flow Fan

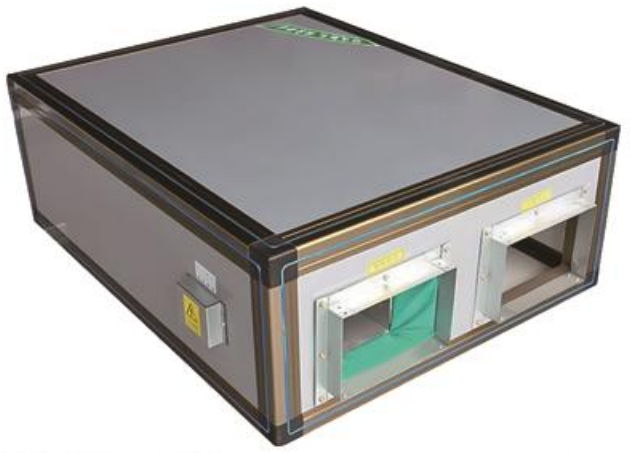
| 机号 Serial number | 序号 No. | 风量 ($m^3$/h) Volume | 全压 (Pa) Total pressure | 转速 (r/min) Rotational speed | 功率 (kW) Power | 噪声 dB(A) noise |
|---|---|---|---|---|---|---|
| 4 | 1 | 4302 | 143 | 1450 | 0.37 | ≤71 |
| | 2 | 3765 | 157 | | | |
| | 3 | 3636 | 175 | | | |
| | 4 | 3394 | 190 | | | |
| | 5 | 3053 | 212 | | | |
| 4.5 | 1 | 4552 | 207 | 1450 | 0.55 | ≤73 |
| | 2 | 4183 | 208 | | | |
| | 3 | 4040 | 216 | | | |
| | 4 | 3771 | 230 | | | |
| | 5 | 3392 | 236 | | | |
| 5 | 1 | 7433 | 220 | 1450 | 1.1 | ≤77 |
| | 2 | 7152 | 252 | | | |
| | 3 | 6664 | 278 | | | |
| | 4 | 6052 | 297 | | | |
| | 5 | 5252 | 326 | | | |
| 6 | 1 | 11548 | 200 | 1450 | 1.5 | ≤79 |
| | 2 | 10643 | 228 | | | |
| | 3 | 9831 | 262 | | | |
| | 4 | 8890 | 288 | | | |
| | 5 | 8121 | 325 | | | |
| 7 | 1 | 18800 | 329 | 1450 | 3 | ≤82 |
| | 2 | 15716 | 345 | | | |
| | 3 | 15319 | 370 | | | |
| | 4 | 13381 | 440 | | | |
| | 5 | 11780 | 470 | | | |
| 8 | 1 | 25467 | 193 | 960 | 4 | ≤82 |
| | 2 | 24418 | 221 | | | |
| | 3 | 22424 | 292 | | | |
| | 4 | 20883 | 353 | | | |
| | 5 | 18636 | 382 | | | |

| 机号 Serial number | 序号 No. | 风量 ($m^3$/h) Volume | 全压 (Pa) Total pressure | 转速 (r/min) Rotational speed | 功率 (kW) Power | 噪声 dB(A) noise |
|---|---|---|---|---|---|---|
| 9 | 1 | 34206 | 282 | 960 | 5.5 | ≤86 |
| | 2 | 33181 | 321 | | | |
| | 3 | 32056 | 370 | | | |
| | 4 | 30120 | 395 | | | |
| | 5 | 27174 | 430 | | | |
| 10 | 1 | 44054 | 288 | 960 | 7.5 | ≤86 |
| | 2 | 42603 | 326 | | | |
| | 3 | 40598 | 329 | | | |
| | 4 | 39151 | 334 | | | |
| | 5 | 36916 | 371 | | | |
| 11 | 1 | 48729 | 310 | 960 | 11 | ≤86 |
| | 2 | 47588 | 329 | | | |
| | 3 | 46099 | 346 | | | |
| | 4 | 44947 | 360 | | | |
| | 5 | 43572 | 376 | | | |
| 12 | 1 | 64292 | 429 | 720 | 15 | ≤91 |
| | 2 | 62787 | 451 | | | |
| | 3 | 60820 | 471 | | | |
| | 4 | 59302 | 488 | | | |
| | 5 | 57226 | 498 | | | |
| 13 | 1 | 71565 | 441 | 720 | 15 | ≤91 |
| | 2 | 69417 | 463 | | | |
| | 3 | 67702 | 482 | | | |
| | 4 | 66000 | 498 | | | |
| | 5 | 63699 | 508 | | | |
| 14 | 1 | 60000 | 720 | 960 | 37 | ≤96 |
| | 2 | 67621 | 641 | | | |
| | 3 | 75150 | 567 | | | |
| | 4 | 78059 | 533 | | | |
| | 5 | 83126 | 476 | | | |

注：本系列风机一般不在法兰上打孔，打孔需订货时注明，敬请客户注意。
Note: this series of fans are generally not punched on the flanges. When the punching needs to be ordered, we should pay attention to the customers.

# 新风换气机系列

## Fresh air ventilator series



### 特点：

适合60-300m²的房间安装使用。
采用远距离控制，安装随意。
主要适用于敞开式办公区、大厅、计算机房、会议室程控交换机房等。

### CHARACTERISTICS:

Suits 60-300m²'s room.
Using the remote control, the installment is at will.
Mainly is suitable in opening type office district, hall, computer room, conference room, program controlled switching engine room and so on.

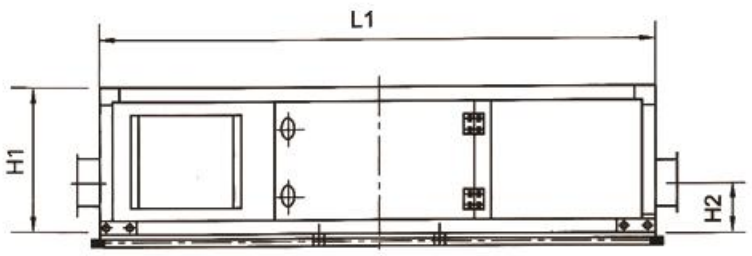
## 性能参数表 Performance parameter list

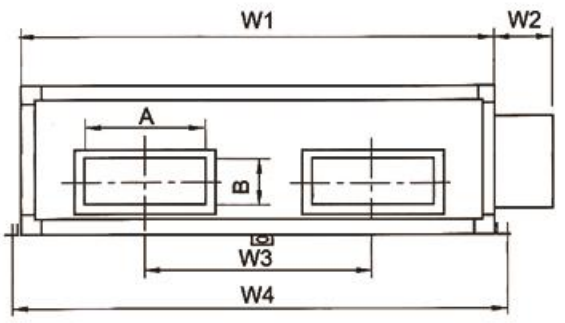
| 机型 Type | Rated air supply flow 额定送风量 m³/h | | Rated air discharge flow 额定送风量 m³/h | | External static pressure 机外静压Pa | | Heat recovery rate 热回收率% | | Noise 噪声 dB(A) | | Power supply 电源 | Input power 输入功率 W | | Installing equipment power 装机功率 W | Net weight 净重 kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 高H | 低L | 高H | 低L | 高H | 低L | 高H | 低L | 高H | 低L | | 高H | 低L | | |
| XF-D6T | 600 | 450 | 600 | 450 | 115 | 105 | 70 | 74 | 54 | 50 | Single-phase 单相 220V-50HZ | 320 | 276 | 360 | 62 |
| XF-D8T | 800 | 600 | 800 | 600 | 110 | 95 | 70 | 72 | 54 | 50 | Single-phase 单相 220V-50HZ | 320 | 276 | 360 | 62 |
| XF-D10T | 1000 | 700 | 1000 | 750 | 90 | 75 | 70 | 73 | 55 | 52 | Single-phase 单相 220V-50HZ | 350 | 290 | 400 | 75 |
| XF-D10 | 1000 | | 1000 | | 115 | | 70 | | 55 | | Three-phases 三相 380V-50HZ | 402 | | 500 | 75 |
| XF-D12 | 1200 | | 1200 | | 110 | | 70 | | 55 | | Three-phases 三相 380V-50HZ | 540 | | 620 | 110 |
| XF-D16 | 1600 | | 1600 | | 156 | | 70 | | 56 | | Three-phases 三相 380V-50HZ | 650 | | 740 | 210 |
| XF-D20 | 2000 | | 2000 | | 180 | | 70 | | 58 | | Three-phases 三相 380V-50HZ | 720 | | 1400 | 210 |
| XF-D22 | 2200 | | 2200 | | 180 | | 70 | | 58 | | Three-phases 三相 380V-50HZ | 800 | | 1000 | 260 |
| XF-D26 | 2600 | | 2600 | | 210 | | 72 | | 59 | | Three-phases 三相 380V-50HZ | 900 | | 1100 | 285 |
| XF-D30 | 3000 | | 3000 | | 220 | | 70 | | 59 | | Three-phases 三相 380V-50HZ | 1310 | | 1600 | 310 |
| XF-D40 | 4000 | | 4000 | | 260 | | 70 | | 59 | | Three-phases 三相 380V-50HZ | / | | 1600 | 350 |
| XF-D50 | 5000 | | 5000 | | 310 | | 70 | | 59 | | Three-phases 三相 380V-50HZ | / | | 2200 | 410 |

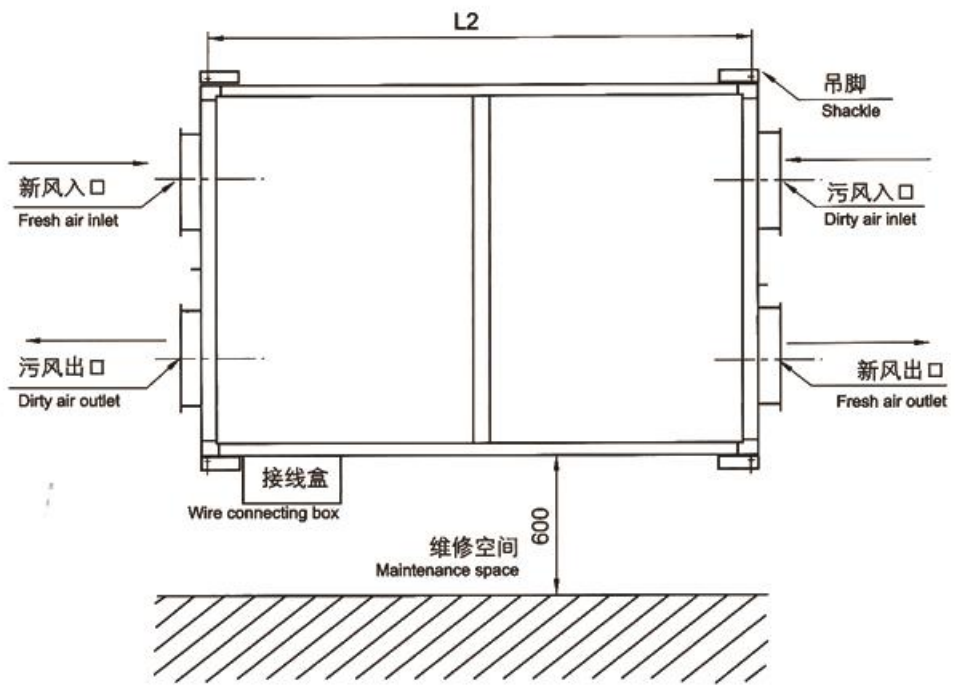
- 各种规格能量回收机组均可调节风量，可供选择。
- 输入功率是指设备在额定风量工作下运行时所耗的功率。
- 装机功率是指设备中所安装的电机的额定功率，用户在电路配线时应以此作为计算线径的依据。
- 以上型号配显热换热器，若选配全热换热器在型号后加“Q”。

- Each kind of fresh air interchanger can adjust its air flow.
- The input power is refers to the consumption when the equipment working at rated air flow condition.
- The installing equipment power is refers to the rated power of electrical machinery fixed in the unit, the user should compute the wire diameter based on this when matching the wire.
- The model above should match the sensible heat interchanger. If selecting and matching the total heat interchanger, should add “Q” after the model

## 外型尺寸图 Outlook dimensional drawing




| Model 型号 | L1 | L2 | H1 | H2 | W1 | W2 | W3 | W4 | 进口 | 出口 |
|---|---|---|---|---|---|---|---|---|---|---|
| XF-D2 | 600 | 500 | 260 | 100 | 500 | 45 | 300 | 530 | Φ150 | Φ150 |
| XF-D3 | 750 | 650 | 260 | 100 | 650 | 45 | 450 | 680 | 200 * 150 | 200 * 150 |
| XF-D4 | 800 | 700 | 300 | 100 | 650 | 45 | 370 | 680 | 200 * 150 | 200 * 150 |
| XF-D6 | 1000 | 900 | 350 | 150 | 750 | 45 | 410 | 780 | 200 * 150 | 200 * 150 |
| XF-D8 | 1100 | 1000 | 495 | 150 | 900 | 45 | 510 | 950 | 250 * 150 | 200 * 150 |
| XF-D10 | 1300 | 1200 | 495 | 200 | 1000 | 45 | 480 | 1050 | 300 * 200 | 300 * 200 |
| XF-D16 | 1350 | 1300 | 540 | 200 | 1150 | 45 | 590 | 1200 | 400 * 250 | 320 * 200 |
| XF-D20 | 1350 | 1300 | 540 | 200 | 1250 | 45 | 690 | 1300 | 400 * 250 | 320 * 200 |
| XF-D26 | 1500 | 1400 | 575 | 225 | 1300 | 45 | 675 | 1350 | 400 * 300 | 400 * 250 |
| XF-D30 | 1600 | 1500 | 575 | 225 | 1500 | 45 | 875 | 1550 | 400 * 300 | 400 * 250 |
| XF-D40 | 1850 | 1750 | 680 | 260 | 1700 | 45 | 935 | 1750 | 630 * 400 | 500 * 320 |
| XF-D50 | 1850 | 1750 | 680 | 260 | 1900 | 45 | 1235 | 2050 | 630 * 400 | 500 * 320 |
| XF-D60 | 1900 | 1800 | 830 | 300 | 2000 | 45 | 1225 | 2050 | 630 * 500 | 500 * 400 |
| XF-D70 | 2100 | 2000 | 830 | 300 | 2000 | 45 | 1425 | 2250 | 630 * 500 | 500 * 400 |

# HTFC风机箱
## HTFC Fan Box

## 结构型式
Structure pattern

HTFC型风机箱主要由前向多叶双进风离心式风机和结构稳固、隔声降噪的箱体组成，具有压力高、流量大和噪声低的特点，适合于各类建筑的通风换气。 对于大规格的风机箱，为便于运输和提升，可进行现场组装。 箱体采用耐高温双层壁板，电机和传动机构设置在箱体外侧的风机箱可做为通风换气和消防排烟两用风机箱使用，平时用于通风换气，火灾发生时排放高温烟气。

The HTFC fan box is mainly composed of multi-blade double intake centrifugal fan and the body which is strong, sound-proofing and noise-reduction, has many characteristics such as high pressure, big current capacity and low noise. It suits well in taking a breath in each kind of building. For convenience in transportation and lift, the big specification fan box may be assembled on the site. The box body is used the thermostable double-decked stave sheet. The fan box whose motor and driving are outside the case can make a double uses (takes a breath generally or discharges fume when fire broken out).





## 适用场合
uitable situation

HTFC型风机箱主要适用于压力要求较高，噪声要求较低，一般轴流风机和斜流风机满足不了要求的场合，适合于各类民用和工业建筑中风道系统的加压、送风和排风及一般通风换气。 在需要设置消防排烟系统的高层建筑和其它建筑中，作为防烟楼梯间和前室的正压送风机，可使火灾发生时楼梯间和前室保持必要的正压，以利于人员的安全疏散。 通风换气和消防排烟两用风机箱平时用于通风换气，火灾发生时可排放280℃的高温烟气。

The HTFC fan box is mainly suitable for the situation where requested pressure is high, noise low and ordinary fan could not satisfy the request. It suits in pressurization, blast, exhaust and taking a breath in the civil and industry architecture. In the high or other building which needs to establish fire fighting smoke exhaust system, the positive pressure fan located in stair hall or first room will maintain an essential positive pressure, make sure the people escape safely. The double use fan box may discharge 280℃ high temperature hazes when fire broken out.

## 执行标准
Standard Carried out

GB/T 1236《工业通风机用标准化风道进行性能试验》
GB ／ T 2888《风机和罗茨鼓风机噪声测量方法》
JB/T 4364《风机配套消声器性能试验方法》
GB 50045《高层民用建筑设计防火规范》
GB 50067《汽车库、修车库、停车场设计防火规范》
GB 50098《人民防空工程设计防火规范》

GB/T1236 "Industry Fan, Performance Test through Standardized Air Pipe"
GB/T2888 "Air Blower and Luo Tribulus Air Blower Noise Measurement Method"
JB/T4364 "Air Blower Necessary Silencer Performance Test Method"
GB50045 "High Civil Construction Design Fire Protection Standard"
GB50067"Garage, Repair Garage, Parking Lot Design Fire Protection Standard"
GB50098 "People's Air Defense Engineering Design Fire Protection Standard"

## 型号表示

Model expression

HTFC-（W）(S)-□（A、B、C、D）-□-(Z、Y、S)

- 过滤网取出方向代号（Z-左侧取出过滤网，Y-右侧取出过滤网，S-上侧取出过滤网）
  The direction code number of the strainer taken out (Z-left,Y-right,on S-up)
- 进、出风口方向代号（见进、出风口方向图）
  The direction code number of wind in,out (reference to directional diagram of registers)
- 风压代号（A-低压型、B-中压型、C-高压型、D-超高压型）
  Code number of wind pressure (A-low pressure,B-mid,C-high,D-super)
- 机号（风量值（$m^3/h$）除以1000）
  Serial number［volume ($m^3/h$) divides 1000］
- S-双速型排风排烟两用风机箱
  S-double speed wind-fume discharged dual purpose fan box
- W-电机外置型排风排烟两用风机箱
  W-motor outside,wind-fume discharged dual purpose fan box
- 风机箱
  fan box

型号示例：HTFC-5A-3-Y 风量5000$m^3/h$,低压型，水平进风口，垂直上出风口，右侧取出过滤网风机箱。

HTFC-WS-5A-3-Y 风量5000$m^3/h$,低压型，水平进风口，垂直上出风口，右侧取出过滤网,电机外置双速型排风排烟两用风机箱。

注：①用户在设计图纸和定货清单中应按此型号表示方法表明所需风机箱的型号和规格。

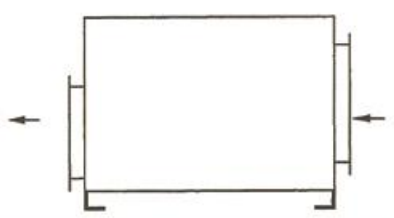
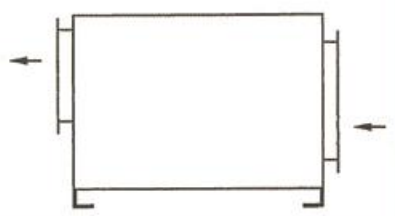
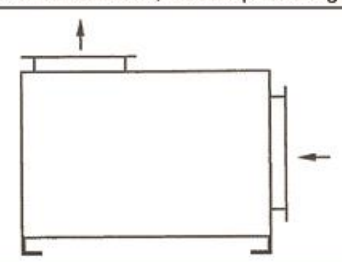
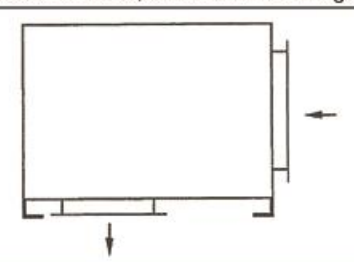
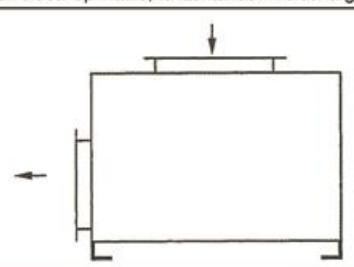
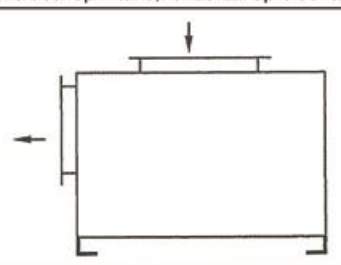
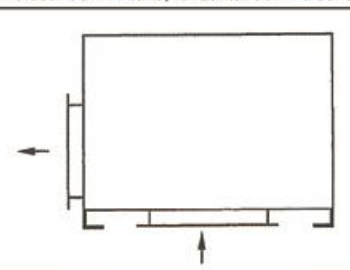
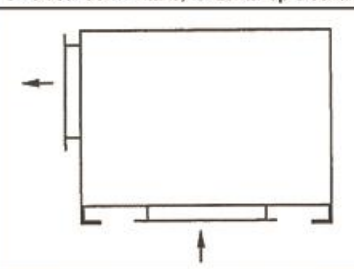
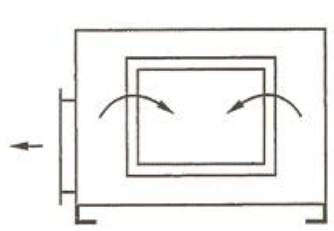
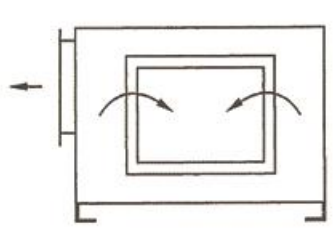
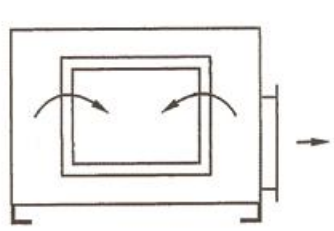
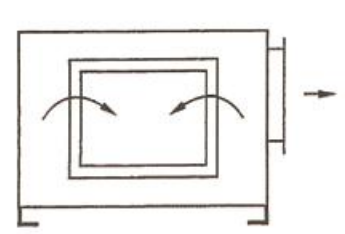
②用户根据需要定购非标产品，请与本公司技术部门联系。

Model demonstration:HTFC-5A-3-Y volume 5000$m^3/h$,Low pressure,Horizontal intake,Vertical up discharge,Taking out the strainer on right.

HTFC-5A-3-Y volume 5000$m^3/h$,Low pressure,Horizontal intake,Vertical up discharge,Taking out the strainer on right.

Note:(1)Users should express model and specification of the fan in the designed paper and the ordered merchandise list.

(2)We can make the non-standard products according to user's special request,please get in touch with our technique department.

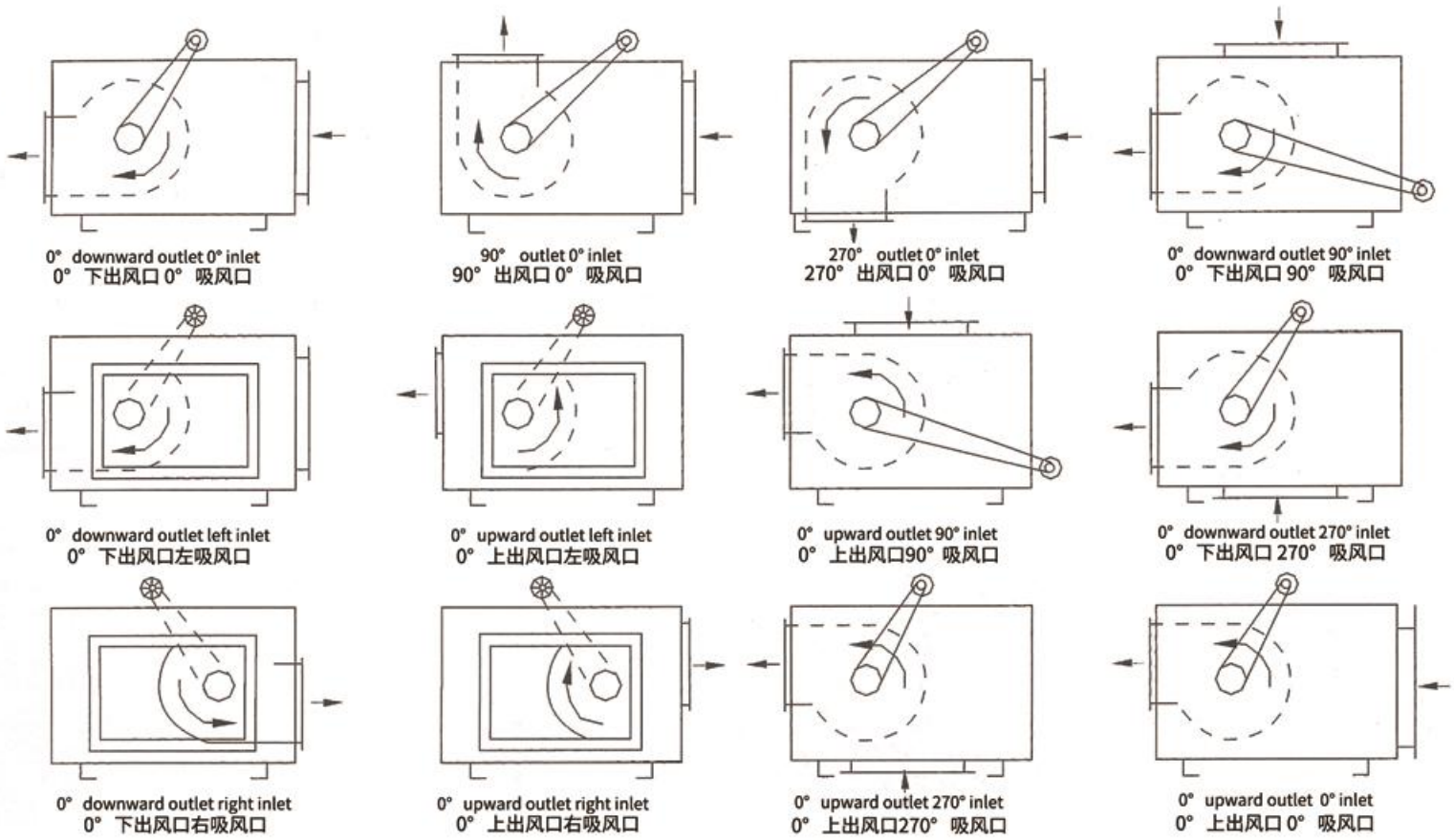
| 1-水平进风口水平下出风口<br>1.horizontal intake,horizontal down discharge | 2-水平进风口水平上出风口<br>2.horizontal intake,horizontal up discharge | 3-水平进风口垂直上出风口<br>3.horizontal intake,vertical up discharge | 4-水平进风口垂直下出风口<br>4.horizontal intake,vertical down discharge |
|---|---|---|---|
|  |  |  |  |
| 5-垂直上进风口水平下出风口<br>5.vertical up intake,horizontal down discharge | 6-垂直上进风口水平上出风口<br>6.vertical up intake,horizontal up discharge | 7-垂直下进风口水平下出风口<br>7.vertical down intake,horizontal down discharge | 8-垂直下进风口水平上出风口<br>8.vertical down intake,horizontal up discharge |
|  |  |  |  |
| 9-左进风口水平下出风口<br>9.left intake,horizontal down discharge | 10-左进风口水平上出风口<br>10.left intake,horizontal up discharge | 11-右进风口水平下出风口<br>11.right intake,horizontal down discharge | 12-右进风口水平上出风口<br>12.right intake,horizontal up discharge |
|  |  |  |  |

# HTFC系列消防通风（两用）低噪声柜式离心风机风口位置编号

Serial Number of Register Position of HTFC Low Noise Cabinet Centrifugal Blower

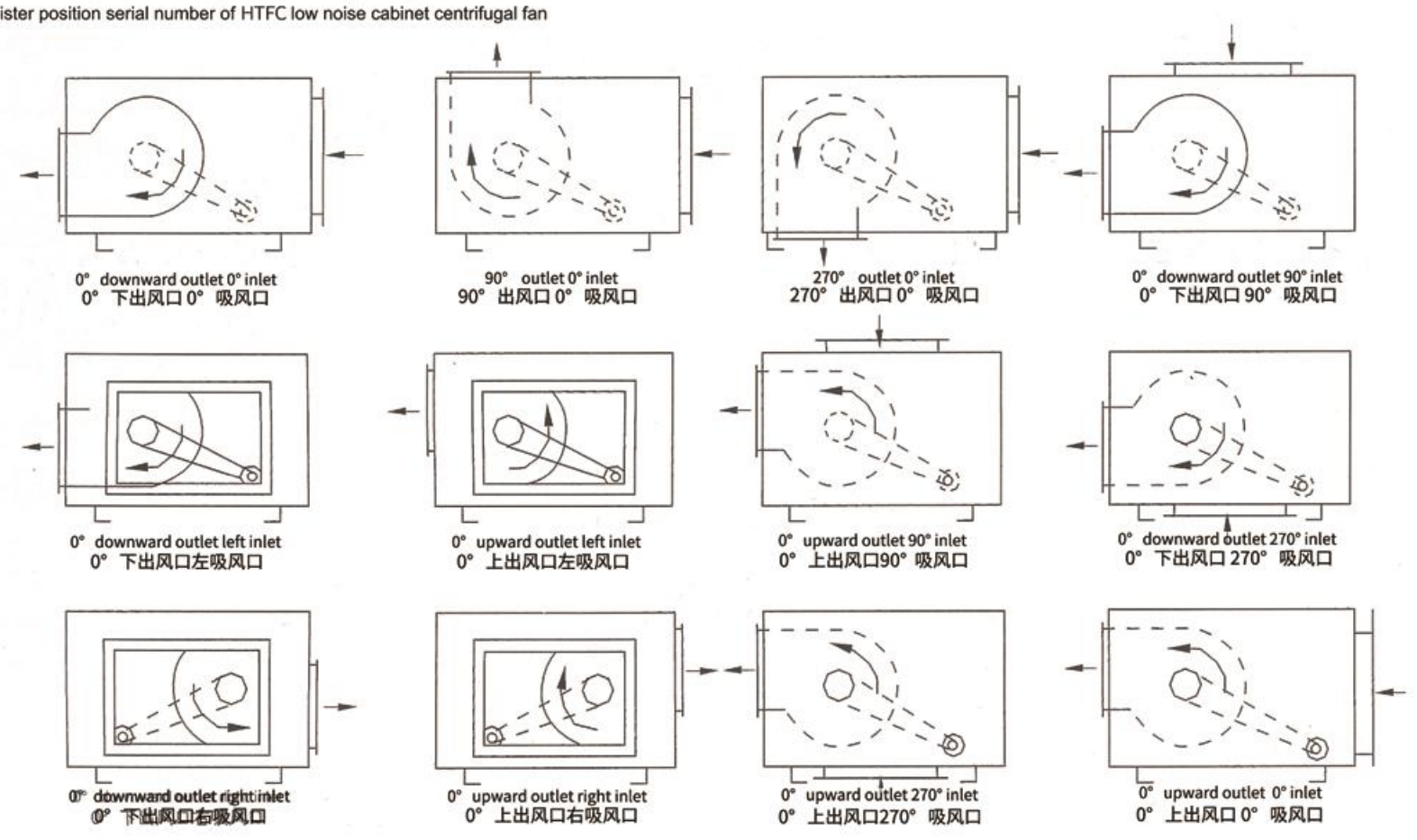
## 1、HTFC 型低噪声柜式离心风机风口位置编号

Register position serial number of HTFC low noise cabinet centrifugal fan




## 2、HTFC型低噪声柜式离心风机风口位置编号

Register position serial number of HTFC low noise cabinet centrifugal fan



## HTFC柜式风机箱技术参数

Parameter List HTFC Fan Box

| 机号 Serialnumber | 转速 r/min Speed | 风量 $m^3/h$ Volume | 全压 Pa Total Pressure | 功率 kW Power | 噪声 dB(A) Body noise | 重量 kg Weight |
|---|---|---|---|---|---|---|
| 2A | 1300 | 1200 | 231 | 0.25 | 61 | 45 |
| | | 1595 | 209 | 0.25 | 64 | 45 |
| | | 1965 | 198 | 0.25 | 68 | 45 |
| 2.2A | 1400 | 1500 | 350 | 0.32 | 65 | 60 |
| | | 2000 | 350 | 0.37 | 66 | 60 |
| 2.5A | 1350 | 1359 | 390 | 0.45 | 62 | 60 |
| | | 2025 | 430 | 0.45 | 64 | 60 |
| | | 3218 | 403 | 0.45 | 69 | 60 |
| 2.5A | 1400 | 2200 | 385 | 0.37 | 65 | 60 |
| | | 2200 | 462 | 0.45 | 66 | 60 |
| | | 3080 | 385 | 0.55 | 66 | 60 |
| | | 3300 | 462 | 0.75 | 67 | 65 |
| | | 3850 | 385 | 0.75 | 67 | 65 |
| | | 4400 | 462 | 1.1 | 68 | 60 |
| 2.5A | 910 | 1980 | 198 | 0.25 | 63 | 60 |
| | | 1980 | 231 | 0.25 | 64 | 60 |
| | | 2640 | 198 | 0.37 | 64 | 60 |
| | | 2860 | 231 | 0.37 | 65 | 60 |
| | | 3300 | 198 | 0.37 | 65 | 60 |
| | | 3300 | 231 | 0.45 | 66 | 60 |
| 2.8A | 1450 | 4400 | 550 | 1.1 | 69 | 68 |
| | | 5500 | 550 | 1.5 | 70 | 68 |
| | | 6600 | 550 | 1.8 | 71 | 68 |
| 2.8A | 910 | 3300 | 265 | 0.45 | 68 | 68 |
| | | 3850 | 264 | 0.75 | 66 | 68 |
| | | 4620 | 264 | 0.75 | 67 | 68 |
| | | 3300 | 440 | 0.8 | 65 | 68 |
| | | 4400 | 440 | 1.1 | 66 | 68 |
| | | 5500 | 440 | 1.1 | 67 | 68 |
| 3.15A | 1450 | 5500 | 660 | 1.8 | 75 | 80 |
| | | 7150 | 660 | 2.2 | 76 | 80 |
| | | 8800 | 660 | 3 | 77 | 80 |
| 3.15A | 910 | 4400 | 495 | 1.1 | 66 | 80 |
| | | 5500 | 495 | 1.5 | 67 | 80 |
| | | 6600 | 495 | 1.5 | 68 | 80 |
| 3.55A | 1450 | 7700 | 880 | 3 | 76 | 110 |
| | | 11000 | 880 | 4 | 78 | 110 |
| | | 13750 | 880 | 5.5 | 79 | 110 |
| 3.55A | 920 | 6600 | 550 | 1.8 | 67 | 110 |
| | | 7700 | 550 | 1.8 | 72 | 110 |
| | | 8800 | 550 | 2.2 | 73 | 110 |
| 4A | 1450 | 8800 | 990 | 3 | 77 | 130 |
| | | 12100 | 990 | 5.5 | 79 | 150 |
| 4A | 920 | 5500 | 660 | 1.8 | 68 | 130 |
| | | 7150 | 660 | 2.2 | 70 | 130 |
| | | 8800 | 660 | 3 | 74 | 130 |
| 4.5A | 960 | 11000 | 880 | 4 | 78 | 250 |
| | | 16500 | 880 | 5.5 | 80 | 280 |
| | | 22000 | 880 | 7.5 | 82 | 280 |
| 5.0A | 960 | 18000 | 800 | 7.5 | 85 | 295 |
| | | 20000 | 800 | 9 | 87 | 310 |
| | | 22000 | 900 | 9 | 87 | 310 |
| | | 25000 | 1000 | 11 | 90 | 330 |

# HTFC系列消防通风（两用）低噪声柜式离心风机性能参数表

## Performance Parameter of HTFC Series Fire Fighting and Ventilation (Dual Purpose) Low Noise Cabinet Centrifugal Blower

HTFC系列消防通风（两用）低噪声柜式离心风机性能参数表（1、2）

Performance Parameter List (1,2) of HTFC series fire fighting ventilation (dual purpose) low noise cabinet centrifugal blower.

| 机号 Serial number | 转速（r/min) Speed | 风量($m^3$/h) Volume | 全压（Pa) Total pressure | 静压（Pa） Static pressure | 电机型号 Motor Model | 功率（kW) Power | 噪声db(A) Noise |
|---|---|---|---|---|---|---|---|
| NO.9 | 900 | 1650 | 186 | 165 | Y8014 | 0.55 | <58 |
| | | 2040 | 195 | 163 | | | |
| | | 2280 | 201 | 161 | | | |
| | | 2520 | 203 | 155 | | | |
| | | 2670 | 203 | 145 | | | |
| | | 3150 | 195 | 120 | | | |
| | 1000 | 1800 | 233 | 208 | T8024 | 0.75 | <59 |
| | | 2160 | 240 | 205 | | | |
| | | 2520 | 251 | 203 | | | |
| | | 2880 | 256 | 193 | | | |
| | | 3240 | 240 | 160 | | | |
| | | 3600 | 234 | 135 | | | |
| | 1100 | 2050 | 280 | 248 | Y8024 | 0.75 | <60 |
| | | 2450 | 291 | 245 | | | |
| | | 2850 | 297 | 235 | | | |
| | | 3250 | 300 | 220 | | | |
| | | 3650 | 301 | 200 | | | |
| | | 4050 | 285 | 160 | | | |
| | 1200 | 2250 | 333 | 295 | Y90S-4 | 1.1 | <60 |
| | | 2660 | 342 | 288 | | | |
| | | 3060 | 349 | 278 | | | |
| | | 3470 | 352 | 260 | | | |
| | | 3870 | 359 | 245 | | | |
| | | 4280 | 344 | 205 | | | |
| | 1300 | 2400 | 382 | 338 | Y90S-4 | 1.1 | <61 |
| | | 2840 | 396 | 335 | | | |
| | | 3280 | 405 | 323 | | | |
| | | 3720 | 410 | 305 | | | |
| | | 4160 | 412 | 280 | | | |
| | | 4600 | 401 | 240 | | | |
| | 1400 | 2585 | 443 | 392 | Y90L-4 | 1.5 | <62 |
| | | 3059 | 459 | 389 | | | |
| | | 3532 | 470 | 375 | | | |
| | | 4006 | 476 | 354 | | | |
| | | 4480 | 478 | 325 | | | |
| | | 4954 | 465 | 278 | | | |
| NO.10 | 800 | 1850 | 192 | 175 | Y8024 | 0.75 | <59 |
| | | 2110 | 195 | 173 | | | |
| | | 2370 | 196 | 168 | | | |
| | | 2630 | 225 | 160 | | | |
| | | 2890 | 191 | 150 | | | |
| | | 3150 | 187 | 138 | | | |
| | 900 | 2000 | 238 | 218 | Y90S-4 | 1.1 | <60 |
| | | 2310 | 242 | 216 | | | |
| | | 2650 | 248 | 213 | | | |
| | | 2930 | 246 | 203 | | | |
| | | 3230 | 245 | 193 | | | |
| | | 3500 | 236 | 175 | | | |
| | 1000 | 2250 | 295 | 270 | Y90L-4 | 1.5 | <61 |
| | | 2570 | 301 | 268 | | | |
| | | 2890 | 305 | 262 | | | |
| | | 3210 | 301 | 250 | | | |
| | | 3530 | 292 | 230 | | | |
| | | 4000 | 279 | 200 | | | |
| | 1100 | 2500 | 354 | 323 | Y90L-4 | 1.5 | <61 |
| | | 2920 | 360 | 318 | | | |
| | | 3360 | 369 | 313 | | | |
| | | 3710 | 368 | 300 | | | |
| | | 4170 | 366 | 280 | | | |
| | | 4500 | 351 | 250 | | | |
| | 1200 | 2500 | 411 | 380 | Y100L-4 | 2.2 | <62 |
| | | 3030 | 421 | 375 | | | |
| | | 3500 | 426 | 365 | | | |
| | | 4040 | 421 | 340 | | | |
| | | 4510 | 416 | 315 | | | |
| | | 5000 | 415 | 292 | | | |
| | 1300 | 2708 | 481 | 445 | Y100L-4 | 2.2 | <63 |
| | | 3281 | 493 | 439 | | | |
| | | 3791 | 498 | 427 | | | |
| | | 4375 | 493 | 398 | | | |
| | | 4884 | 487 | 368 | | | |
| | | 5415 | 487 | 342 | | | |

HTFC系列消防通风（两用）低噪声柜式离心风机性能参数表（3）

Performance Parameter List (3) of HTFC series fire fighting ventilation (dual purpose) low noise cabinet centrifugal blower.

| 机号 Serial number | 转速（r/min) Speed | 风量($m^3$/h) Volume | 全压（Pa) Total pressure | 静压（Pa） Static pressure | 电机型号 Motor Model | 功率（kW) Power | 噪声db(A) Noise |
|---|---|---|---|---|---|---|---|
| NO.12 | 700 | 2600 | 205 | 188 | Y90S-4 | 1.1 | <60 |
| | | 3050 | 208 | 185 | | | |
| | | 3510 | 211 | 180 | | | |
| | | 3950 | 212 | 173 | | | |
| | | 4400 | 211 | 161 | | | |
| | | 4850 | 210 | 152 | | | |
| | 800 | 3000 | 263 | 240 | Y90L-4 | 1.5 | <61 |
| | | 3480 | 269 | 238 | | | |
| | | 3960 | 270 | 230 | | | |
| | | 4440 | 278 | 228 | | | |
| | | 4920 | 271 | 209 | | | |
| | | 5400 | 270 | 197 | | | |
| | 900 | 3650 | 341 | 307 | Y90L-4 | 1.5 | <61 |
| | | 4140 | 345 | 302 | | | |
| | | 4630 | 349 | 295 | | | |
| | | 5120 | 347 | 283 | | | |
| | | 5610 | 344 | 264 | | | |
| | | 6100 | 314 | 247 | | | |
| | 1000 | 3750 | 413 | 377 | Y100L-4 | 2.2 | <62 |
| | | 4350 | 423 | 375 | | | |
| | | 4950 | 429 | 367 | | | |
| | | 5550 | 428 | 350 | | | |
| | | 6150 | 427 | 329 | | | |
| | | 6750 | 425 | 312 | | | |
| | 1100 | 4150 | 503 | 459 | Y100L-4 | 3 | <63 |
| | | 4820 | 515 | 456 | | | |
| | | 5490 | 520 | 444 | | | |
| | | 6160 | 521 | 425 | | | |
| | | 6830 | 526 | 408 | | | |
| | | 7500 | 514 | 372 | | | |
| | 1180 | 4453 | 578 | 528 | Y100L-4 | 3 | <64 |
| | | 5172 | 592 | 524 | | | |
| | | 5891 | 598 | 511 | | | |
| | | 6610 | 599 | 489 | | | |
| | | 7329 | 605 | 469 | | | |
| | | 8048 | 591 | 428 | | | |

HTFC系列消防通风（两用）低噪声柜式离心风机性能参数表（4）

Performance Parameter List(4) of HTFC series fire fighting ventilation (dual purpose) low noise cabinet centrifugal blower.

| 机号 Serial number | 转速（r/min) Speed | 风量($m^3$/h) Volume | 全压（Pa) Total pressure | 静压（Pa） Static pressure | 电机型号 Motor Model | 功率（kW) Power | 噪声db(A) Noise |
|---|---|---|---|---|---|---|---|
| NO.15 | 700 | 4500 | 303 | 275 | Y100L-4 | 2.2 | <61 |
| | | 5250 | 310 | 272 | | | |
| | | 6000 | 318 | 268 | | | |
| | | 6750 | 321 | 258 | | | |
| | | 7500 | 320 | 238 | | | |
| | | 8250 | 316 | 225 | | | |
| | 800 | 5000 | 398 | 363 | Y100L-4 | 3 | <62 |
| | | 5910 | 409 | 360 | | | |
| | | 6800 | 419 | 355 | | | |
| | | 7730 | 421 | 338 | | | |
| | | 8660 | 429 | 325 | | | |
| | | 9500 | 413 | 288 | | | |
| | 850 | 5250 | 444 | 406 | Y100L-4 | 3 | <63 |
| | | 6200 | 457 | 404 | | | |
| | | 7150 | 471 | 400 | | | |
| | | 8100 | 477 | 386 | | | |
| | | 9050 | 479 | 365 | | | |
| | | 10050 | 465 | 325 | | | |
| | 900 | 5500 | 497 | 455 | Y112M-4 | 4 | <64 |
| | | 6500 | 512 | 453 | | | |
| | | 7500 | 523 | 445 | | | |
| | | 8500 | 530 | 430 | | | |
| | | 9500 | 535 | 410 | | | |
| | | 10500 | 536 | 383 | | | |
| | 1000 | 6080 | 619 | 568 | Y132S-4 | 5.5 | <65 |
| | | 7200 | 635 | 563 | | | |
| | | 8430 | 649 | 550 | | | |
| | | 9670 | 655 | 525 | | | |
| | | 10810 | 667 | 505 | | | |
| | | 12050 | 655 | 453 | | | |
| | 1050 | 6384 | 682 | 626 | Y132S-4 | 5.5 | <66 |
| | | 7560 | 700 | 621 | | | |
| | | 8852 | 716 | 606 | | | |
| | | 10164 | 722 | 579 | | | |
| | | 11351 | 735 | 557 | | | |
| | | 12653 | 722 | 499 | | | |

## HTFC系列消防通风（两用）低噪声柜式离心风机性能参数表（5）

Performance Parameter List (5) of HTFC series fire fighting ventilation (dual purpose)low noise cabinet centrifugal blower.

| 机号 Serial number | 转速（r/min) Speed | 风量($m^3$/h) Volume | 全压（Pa) Total pressure | 静压（Pa） Static pressure | 电机型号 Motor Model | 功率（kW) Power | 噪声db(A) Noise |
|---|---|---|---|---|---|---|---|
| NO.18 | 600 | 6030 | 301 | 275 | Y100L-4 | 3 | <62 |
| | | 7050 | 308 | 273 | | | |
| | | 8060 | 314 | 268 | | | |
| | | 9120 | 313 | 255 | | | |
| | | 10060 | 311 | 240 | | | |
| | | 11030 | 308 | 223 | | | |
| | 700 | 6550 | 405 | 375 | Y112M-4 | 4 | <63 |
| | | 7800 | 413 | 370 | | | |
| | | 9100 | 418 | 360 | | | |
| | | 10400 | 420 | 344 | | | |
| | | 11700 | 424 | 328 | | | |
| | | 13050 | 423 | 303 | | | |
| | 750 | 7500 | 468 | 428 | Y132S-4 | 5.5 | <64 |
| | | 8780 | 478 | 424 | | | |
| | | 10060 | 484 | 413 | | | |
| | | 11340 | 487 | 388 | | | |
| | | 12620 | 486 | 375 | | | |
| | | 13900 | 478 | 350 | | | |
| | 800 | 8150 | 532 | 485 | Y132S-4 | 5.5 | <64 |
| | | 9510 | 542 | 478 | | | |
| | | 10870 | 548 | 465 | | | |
| | | 12230 | 550 | 443 | | | |
| | | 13590 | 555 | 425 | | | |
| | | 14950 | 557 | 400 | | | |
| | 900 | 8850 | 670 | 615 | Y112M-4 | 7.5 | <65 |
| | | 10390 | 684 | 608 | | | |
| | | 11930 | 690 | 590 | | | |
| | | 13470 | 695 | 568 | | | |
| | | 15010 | 698 | 540 | | | |
| | | 16550 | 693 | 501 | | | |
| | 940 | 9239 | 730 | 670 | Y112M-4 | 7.5 | <66 |
| | | 10847 | 746 | 663 | | | |
| | | 10847 | 752 | 643 | | | |
| | | 12455 | 758 | 619 | | | |
| | | 15670 | 761 | 589 | | | |
| | | 17278 | 755 | 546 | | | |

## HTFC系列消防通风（两用）低噪声柜式离心风机性能参数表（6）

Performance Parameter List(6) of HTFC series fire fighting ventilation (dual purpose) low noise cabinet centrifugal blower.

| 机号 Serial number | 转速（r/min) Speed | 风量($m^3$/h) Volume | 全压（Pa) Total pressure | 静压（Pa） Static pressure | 电机型号 Motor Model | 功率（kW) Power | 噪声db(A) Noise |
|---|---|---|---|---|---|---|---|
| NO.20 | 550 | 7900 | 340 | 313 | T112M-4 | 4 | <66 |
| | | 9070 | 343 | 308 | | | |
| | | 10240 | 345 | 300 | | | |
| | | 11410 | 339 | 283 | | | |
| | | 12580 | 331 | 263 | | | |
| | | 13750 | 312 | 230 | | | |
| | 600 | 8750 | 408 | 375 | Y132S-4 | 5.5 | <67 |
| | | 9990 | 412 | 369 | | | |
| | | 11230 | 410 | 356 | | | |
| | | 12470 | 404 | 338 | | | |
| | | 13710 | 395 | 315 | | | |
| | | 14950 | 370 | 275 | | | |
| | 650 | 9350 | 475 | 438 | Y132S-4 | 5.5 | <68 |
| | | 10730 | 482 | 433 | | | |
| | | 12110 | 478 | 415 | | | |
| | | 13490 | 468 | 390 | | | |
| | | 14870 | 469 | 375 | | | |
| | | 16250 | 438 | 325 | | | |
| | 700 | 10050 | 556 | 513 | Y132M-4 | 7.5 | <68 |
| | | 11520 | 562 | 505 | | | |
| | | 13000 | 560 | 488 | | | |
| | | 14470 | 552 | 463 | | | |
| | | 15950 | 535 | 426 | | | |
| | | 17420 | 403 | 380 | | | |
| | 800 | 11250 | 717 | 663 | Y160M-4 | 11 | <69 |
| | | 13110 | 727 | 654 | | | |
| | | 14970 | 727 | 631 | | | |
| | | 16820 | 721 | 600 | | | |
| | | 18680 | 682 | 533 | | | |
| | | 20540 | 668 | 488 | | | |
| | 840 | 11813 | 790 | 731 | Y160M-4 | 11 | <70 |
| | | 13766 | 802 | 721 | | | |
| | | 15719 | 802 | 696 | | | |
| | | 17661 | 795 | 662 | | | |
| | | 19614 | 752 | 588 | | | |
| | | 21567 | 736 | 538 | | | |

HTFC系列消防通风（两用）低噪声柜式离心风机性能参数表（7）

Performance Parameter List (7) of HTFC series fire fighting ventilation (dual purpose)low noise cabinet centrifugal blower.

| 机号 Serial number | 转速（r/min) Speed | 风量($m^3$/h) Volume | 全压（Pa) Total pressure | 静压（Pa） Static pressure | 电机型号 Motor Model | 功率（kW) Power | 噪声db(A) Noise |
|---|---|---|---|---|---|---|---|
| NO.22 | 550 | 9850 | 359 | 330 | Y132S-4 | 5.5 | <68 |
| | | 11330 | 366 | 328 | | | |
| | | 12810 | 368 | 319 | | | |
| | | 14290 | 358 | 297 | | | |
| | | 15770 | 349 | 275 | | | |
| | | 17250 | 342 | 253 | | | |
| | 600 | 11050 | 434 | 398 | Y132M-4 | 7.5 | <69 |
| | | 12740 | 438 | 390 | | | |
| | | 14430 | 436 | 374 | | | |
| | | 16120 | 419 | 341 | | | |
| | | 17810 | 416 | 321 | | | |
| | | 19500 | 388 | 275 | | | |
| | 650 | 11970 | 507 | 464 | Y132M-4 | 7.5 | <69 |
| | | 13630 | 510 | 455 | | | |
| | | 15280 | 506 | 436 | | | |
| | | 16940 | 493 | 407 | | | |
| | | 18590 | 477 | 374 | | | |
| | | 20250 | 463 | 341 | | | |
| | 700 | 12830 | 588 | 539 | Y160M-4 | 11 | <70 |
| | | 14650 | 600 | 536 | | | |
| | | 16470 | 591 | 510 | | | |
| | | 18300 | 584 | 484 | | | |
| | | 20120 | 561 | 440 | | | |
| | | 21940 | 545 | 401 | | | |
| | 800 | 14950 | 771 | 704 | Y160L-4 | 15 | <71 |
| | | 17060 | 776 | 689 | | | |
| | | 19170 | 770 | 660 | | | |
| | | 21280 | 762 | 627 | | | |
| | | 23390 | 735 | 572 | | | |
| | | 25500 | 717 | 523 | | | |
| | 840 | 15698 | 850 | 776 | Y160L-4 | 15 | <72 |
| | | 17913 | 856 | 760 | | | |
| | | 20129 | 849 | 728 | | | |
| | | 22344 | 840 | 691 | | | |
| | | 24560 | 811 | 631 | | | |
| | | 26775 | 790 | 577 | | | |

HTFC系列消防通风（两用）低噪声柜式离心风机性能参数表（8）

Performance Parameter List(8) of HTFC series fire fighting ventilation (dual purpose) low noise cabinet centrifugal blower.

| 机号 Serial number | 转速（r/min) Speed | 风量($m^3$/h) Volume | 全压（Pa) Total pressure | 静压（Pa） Static pressure | 电机型号 Motor Model | 功率（kW) Power | 噪声db(A) Noise |
|---|---|---|---|---|---|---|---|
| NO.25 | 500 | 14980 | 371 | 330 | T132M-4 | 7.5 | <70 |
| | | 17080 | 382 | 328 | | | |
| | | 19190 | 388 | 320 | | | |
| | | 21290 | 383 | 300 | | | |
| | | 23400 | 391 | 290 | | | |
| | | 25500 | 374 | 254 | | | |
| | 550 | 16420 | 452 | 402 | Y160M-4 | 11 | <71 |
| | | 18710 | 462 | 398 | | | |
| | | 21010 | 457 | 376 | | | |
| | | 23300 | 470 | 370 | | | |
| | | 25600 | 465 | 344 | | | |
| | | 27890 | 449 | 306 | | | |
| | 600 | 18000 | 540 | 480 | Y160M-4 | 11 | <71 |
| | | 20410 | 553 | 476 | | | |
| | | 22820 | 556 | 460 | | | |
| | | 25230 | 549 | 432 | | | |
| | | 27640 | 541 | 400 | | | |
| | | 30050 | 526 | 360 | | | |
| | 650 | 19500 | 630 | 560 | Y160L-4 | 15 | <72 |
| | | 22220 | 645 | 554 | | | |
| | | 24930 | 648 | 534 | | | |
| | | 27650 | 651 | 510 | | | |
| | | 30360 | 652 | 482 | | | |
| | | 33080 | 632 | 430 | | | |
| | 700 | 21000 | 731 | 650 | Y180M-4 | 18.5 | <73 |
| | | 23990 | 746 | 640 | | | |
| | | 26980 | 754 | 620 | | | |
| | | 29970 | 745 | 580 | | | |
| | | 32860 | 740 | 540 | | | |
| | | 35950 | 718 | 480 | | | |
| | 740 | 22197 | 817 | 726 | Y180M-4 | 18.5 | <74 |
| | | 25357 | 833 | 715 | | | |
| | | 28518 | 742 | 693 | | | |
| | | 31678 | 832 | 648 | | | |
| | | 34839 | 827 | 603 | | | |
| | | 37999 | 723 | 536 | | | |

## HTFC系列消防通风（两用）低噪声柜式离心风机性能参数表（9）

Performance Parameter List (9) of HTFC series fire fighting ventilation (dual purpose)low noise cabinet centrifugal blower.

| 机号 Serial number | 转速（r/min) Speed | 风量($m^3$/h) Volume | 全压（Pa) Total pressure | 静压（Pa） Static pressure | 电机型号 Motor Model | 功率（kW) Power | 噪声db(A) Noise |
|---|---|---|---|---|---|---|---|
| NO.28(27.5) | 450 | 19500 | 377 | 330 | Y160M-6 | 7.5 | <71 |
| | | 21610 | 383 | 326 | | | |
| | | 23720 | 383 | 314 | | | |
| | | 25830 | 384 | 302 | | | |
| | | 27940 | 380 | 284 | | | |
| | | 30050 | 376 | 265 | | | |
| | 500 | 21030 | 464 | 410 | Y160L-6 | 11 | <72 |
| | | 23610 | 473 | 405 | | | |
| | | 26200 | 479 | 395 | | | |
| | | 28800 | 472 | 370 | | | |
| | | 31400 | 467 | 346 | | | |
| | | 33980 | 462 | 320 | | | |
| | 550 | 23970 | 563 | 492 | Y180L-6 | 15 | <72 |
| | | 26580 | 571 | 484 | | | |
| | | 29200 | 575 | 470 | | | |
| | | 31820 | 574 | 450 | | | |
| | | 34430 | 565 | 420 | | | |
| | | 37050 | 552 | 384 | | | |
| | 600 | 25650 | 671 | 590 | Y200L-6 | 18.5 | <73 |
| | | 28630 | 687 | 586 | | | |
| | | 31620 | 691 | 568 | | | |
| | | 34600 | 687 | 540 | | | |
| | | 37590 | 673 | 500 | | | |
| | | 40570 | 658 | 456 | | | |
| | 650 | 28030 | 796 | 700 | Y200L-6 | 22 | <74 |
| | | 31190 | 811 | 692 | | | |
| | | 34360 | 809 | 664 | | | |
| | | 37520 | 805 | 632 | | | |
| | | 40690 | 793 | 590 | | | |
| | | 43850 | 776 | 540 | | | |
| | 680 | 29319 | 871 | 766 | Y200L-6 | 22 | <75 |
| | | 32625 | 887 | 757 | | | |
| | | 35941 | 885 | 726 | | | |
| | | 39246 | 881 | 691 | | | |
| | | 42562 | 868 | 645 | | | |
| | | 45867 | 849 | 591 | | | |

## HTFC系列消防通风（两用）低噪声柜式离心风机性能参数表（10）

Performance Parameter List(10) of HTFC series fire fighting ventilation (dual purpose) low noise cabinet centrifugal blower.

| 机号 Serial number | 转速（r/min) Speed | 风量($m^3$/h) Volume | 全压（Pa) Total pressure | 静压（Pa） Static pressure | 电机型号 Motor Model | 功率（kW) Power | 噪声db(A) Noise |
|---|---|---|---|---|---|---|---|
| NO.30 | 400 | 21000 | 350 | 310 | Y160M-6 | 7.5 | <72 |
| | | 24000 | 357 | 305 | | | |
| | | 27560 | 363 | 294 | | | |
| | | 30780 | 362 | 276 | | | |
| | | 33120 | 358 | 258 | | | |
| | | 35480 | 355 | 241 | | | |
| | 450 | 23850 | 452 | 400 | Y160L-6 | 11 | <72 |
| | | 26880 | 455 | 389 | | | |
| | | 29870 | 461 | 380 | | | |
| | | 32840 | 459 | 361 | | | |
| | | 35880 | 457 | 340 | | | |
| | | 39060 | 446 | 308 | | | |
| | 500 | 26810 | 555 | 490 | Y180L-6 | 15 | <73 |
| | | 30590 | 565 | 480 | | | |
| | | 34150 | 569 | 463 | | | |
| | | 37860 | 568 | 438 | | | |
| | | 41440 | 562 | 406 | | | |
| | | 44110 | 557 | 381 | | | |
| | 550 | 28530 | 666 | 592 | Y200L-6 | 22 | <74 |
| | | 31240 | 676 | 587 | | | |
| | | 35470 | 682 | 568 | | | |
| | | 39660 | 691 | 548 | | | |
| | | 43850 | 684 | 510 | | | |
| | | 48030 | 666 | 457 | | | |
| | 600 | 31050 | 787 | 700 | Y225M-6 | 30 | <75 |
| | | 34850 | 801 | 691 | | | |
| | | 39600 | 816 | 674 | | | |
| | | 44640 | 816 | 635 | | | |
| | | 49400 | 811 | 590 | | | |
| | | 53960 | 802 | 538 | | | |
| | 640 | 33130 | 896 | 797 | Y225M-6 | 30 | <76 |
| | | 37185 | 912 | 786 | | | |
| | | 42253 | 929 | 767 | | | |
| | | 47631 | 929 | 723 | | | |
| | | 52710 | 923 | 671 | | | |
| | | 57575 | 913 | 612 | | | |

## HTFC系列消防通风（两用）低噪声柜式离心风机性能参数表（11）

Performance Parameter List (11) of HTFC series fire fighting ventilation (dual purpose)low noise cabinet centrifugal blower.

| 机号 Serial number | 转速（r/min) Speed | 风量($m^3$/h) Volume | 全压（Pa) Total pressure | 静压（Pa） Static pressure | 电机型号 Motor Model | 功率（kW) Power | 噪声db(A) Noise |
|---|---|---|---|---|---|---|---|
| NO.33 | 400 | 27840 | 424 | 373 | Y160L-6 | 11 | <75 |
| | | 31765 | 431 | 365 | | | |
| | | 35462 | 435 | 352 | | | |
| | | 39314 | 435 | 333 | | | |
| | | 43032 | 431 | 309 | | | |
| | | 45804 | 428 | 290 | | | |
| | 450 | 31320 | 537 | 472 | Y180;-6 | 15 | <75 |
| | | 35735 | 547 | 463 | | | |
| | | 39894 | 551 | 446 | | | |
| | | 44228 | 551 | 422 | | | |
| | | 48411 | 545 | 391 | | | |
| | | 51530 | 542 | 367 | | | |
| | 500 | 34800 | 663 | 583 | Y200L-6 | 22 | <76 |
| | | 39706 | 675 | 571 | | | |
| | | 44327 | 680 | 551 | | | |
| | | 49142 | 680 | 521 | | | |
| | | 53790 | 673 | 483 | | | |
| | | 57255 | 669 | 453 | | | |
| | 550 | 38280 | 801 | 705 | Y200L-6 | 22 | <77 |
| | | 43677 | 816 | 691 | | | |
| | | 47660 | 816 | 667 | | | |
| | | 54056 | 822 | 630 | | | |
| | | 59169 | 814 | 584 | | | |
| | | 62981 | 809 | 548 | | | |
| | 600 | 41760 | 955 | 840 | Y250M-6 | 37 | <78 |
| | | 47647 | 971 | 822 | | | |
| | | 53192 | 979 | 793 | | | |
| | | 58970 | 979 | 750 | | | |
| | | 64548 | 970 | 696 | | | |
| | | 68706 | 962 | 652 | | | |
| | 630 | 43848 | 1052 | 926 | Y250M-6 | 37 | <79 |
| | | 50029 | 1071 | 906 | | | |
| | | 55852 | 1079 | 874 | | | |
| | | 61919 | 1079 | 827 | | | |
| | | 67775 | 1069 | 767 | | | |
| | | 72141 | 1061 | 719 | | | |

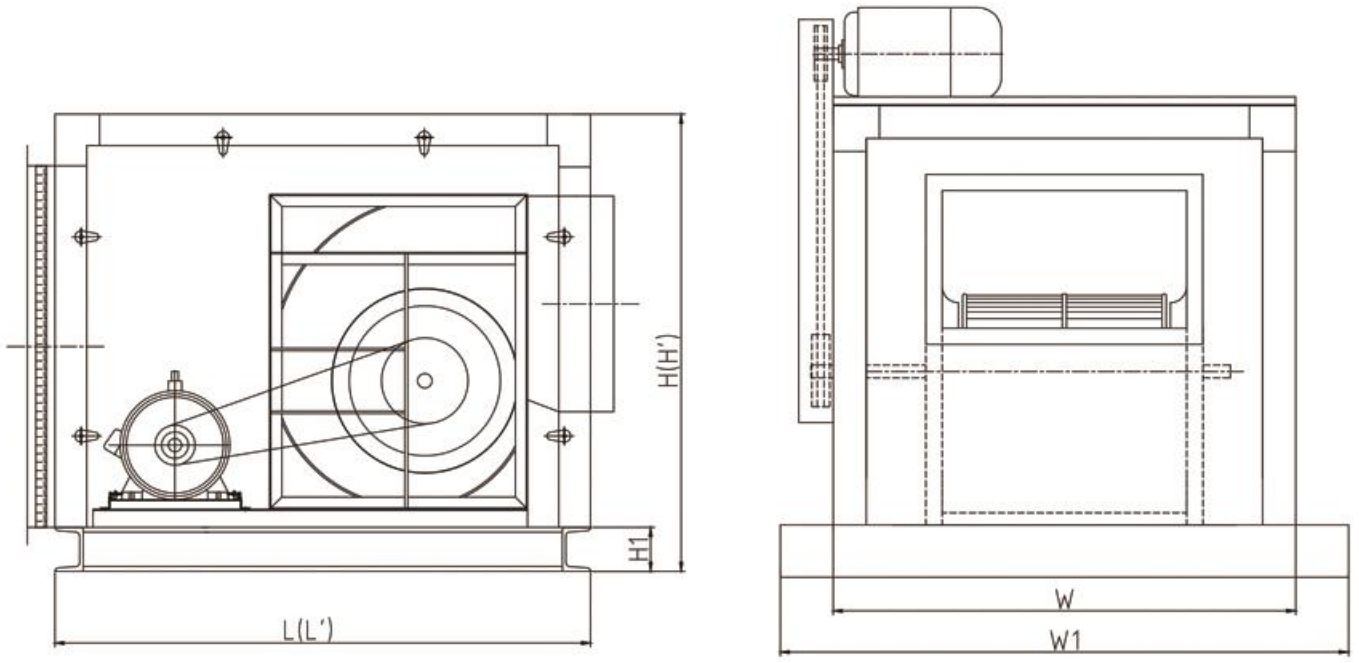
## HTFC系列消防通风（两用）低噪声柜式离心风机性能参数表（12）

Performance Parameter List(12) of HTFC series fire fighting ventilation (dual purpose) low noise cabinet centrifugal blower.

| 机号 Serial number | 转速（r/min) Speed | 风量($m^3$/h) Volume | 全压（Pa) Total pressure | 静压（Pa） Static pressure | 电机型号 Motor Model | 功率（kW) Power | 噪声db(A) Noise |
|---|---|---|---|---|---|---|---|
| NO.36 | 350 | 31491 | 385 | 339 | Y160L-6 | 11 | <76 |
| | | 35910 | 392 | 332 | | | |
| | | 40113 | 395 | 320 | | | |
| | | 44470 | 396 | 303 | | | |
| | | 48675 | 392 | 281 | | | |
| | | 51811 | 390 | 264 | | | |
| | 400 | 35990 | 504 | 443 | Y200L-6 | 18.5 | <76 |
| | | 41064 | 513 | 434 | | | |
| | | 45843 | 517 | 419 | | | |
| | | 50823 | 817 | 396 | | | |
| | | 55629 | 512 | 367 | | | |
| | | 59213 | 508 | 344 | | | |
| | 450 | 40488 | 638 | 561 | Y200L-6 | 22 | <77 |
| | | 46197 | 649 | 549 | | | |
| | | 51547 | 654 | 530 | | | |
| | | 57176 | 654 | 501 | | | |
| | | 62582 | 647 | 464 | | | |
| | | 66614 | 644 | 436 | | | |
| | 500 | 44987 | 787 | 692 | Y225M-6 | 30 | <74 |
| | | 51330 | 801 | 678 | | | |
| | | 57304 | 808 | 654 | | | |
| | | 63529 | 807 | 618 | | | |
| | | 69536 | 799 | 573 | | | |
| | | 74016 | 794 | 538 | | | |
| | 550 | 49486 | 952 | 837 | Y280M-6 | 45 | <78 |
| | | 56463 | 969 | 820 | | | |
| | | 63034 | 977 | 791 | | | |
| | | 69882 | 977 | 748 | | | |
| | | 76490 | 967 | 693 | | | |
| | | 81418 | 961 | 651 | | | |
| | 580 | 51283 | 1057 | 930 | Y280M-6 | 45 | <80 |
| | | 59286 | 1076 | 911 | | | |
| | | 66493 | 1086 | 879 | | | |
| | | 73690 | 1085 | 831 | | | |
| | | 80659 | 1075 | 770 | | | |
| | | 85855 | 1068 | 723 | | | |

# HTFC系列消防通风（两用）低噪声柜式离心风机外形及尺寸

The contour and size of HTFC series of fire fighting ventilation (dual purpose) low noise cabinet centrifugal fan




| 机号 Serial number | 高 Height | | | A式长 The length of A type | | B式长 The length of B type | | 宽 width | | 出风口 Outlet | | 进风口 Inlet | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | H | H′ | H1 | L | L′ | L | L′ | W | W1 | 竖 a1 | 横 b1 | 竖 A1 | 横 B1 |
| 9 | 580 | 490 | 63 | 640 | 680 | 900 | 960 | 650 | 800 | 255 | 306 | 350 | 500 |
| 10 | 620 | 560 | 63 | 680 | 720 | 960 | 1000 | 700 | 850 | 290 | 333 | 420 | 550 |
| 12 | 720 | 580 | 63 | 760 | 800 | 1100 | 1200 | 750 | 900 | 341 | 397 | 440 | 600 |
| 15 | 820 | 710 | 63 | 880 | 940 | 1240 | 1340 | 850 | 1000 | 403 | 453 | 550 | 760 |
| 18 | 950 | 825 | 63 | 1000 | 1100 | 1360 | 1480 | 900 | 1050 | 479 | 536 | 670 | 880 |
| 20 | 1050 | 905 | 63 | 1120 | 1200 | 1580 | 1720 | 1050 | 1200 | 540 | 610 | 750 | 950 |
| 22 | 1150 | 1030 | 80 | 1240 | 1320 | 1700 | 1840 | 1200 | 1350 | 595 | 662 | 850 | 1100 |
| 25 | 1320 | 1180 | 80 | 1380 | 1500 | 1840 | 2050 | 1350 | 1500 | 665 | 754 | 1000 | 1200 |
| 28 | 1450 | 1265 | 80 | 1520 | 1650 | 1960 | 2200 | 1400 | 1550 | 740 | 830 | 1080 | 1300 |
| 30 | 1560 | 1400 | 100 | 1630 | 1750 | 2100 | 2360 | 1600 | 1750 | 800 | 893 | 1200 | 1400 |
| 33 | 1680 | 1500 | 100 | 1780 | 1920 | 2300 | 2500 | 1700 | 1850 | 865 | 970 | 1300 | 1600 |
| 36 | 1850 | 1600 | 100 | 1960 | 2100 | 2450 | 2650 | 1900 | 2050 | 940 | 1058 | 1400 | 1720 |

备注：1、H、L为风口编号1、4、5、6、7、8、9、10、11、12的外形尺寸；H′、L′为风口编号2、3的外形尺寸。

2、风机箱的宽度不包括皮带罩宽度，高度不包括电机高度。

3、电机机座号160以上的风机，电机在箱体的底侧置。

4、需要其他详细尺寸，请于我公司技术部保持联系。

Note: 1.H,L are external dimensions which register serial number is 1,4,5,6,7,8,9,10,11,12;H′,L′ are external dimensions which register serial number is 2,3.

2.The width of A fan box is not including the width of belt guard,the height not including the motor's.

3.The fan with more than 160 motor seat is placed on the bottom side of the box.

4.We need other detailed dimensions. Please keep in touch with our technology department.

## HTFC 系列消防通风(两用）低噪声柜式离心风机使用、维护保养

The Use and Maintenance of HTFC Series Fire Fighting and Ventilation (Dual Purpose) Low Noise Cabinet Centrifugal Blower

● 风机安装使用前的检查

1、了解风机的规格、形式、进出风口位置及相应的安装尺寸、配用电机的电力要求。

2、安装前应认真检查风叶及机壳有否因运输而损坏变形，检查螺栓是否紧固，否则应待修复后方可安装使用。

3、排烟口与排烟风机应设联锁装置，当任何一个排烟口开启时，排烟风机即能自动启动。

4、风机启动前，首先要检查风机及管道内有无妨碍转动的物品；检查电气线路是否完好。

5、安装后，定期检查风机各部件，检查轴承润滑油是否充足，以保证风机能随时启动，正常运作。

6、叶轮旋转方向必须与风筒的箭头标记一致。

●The Inspection Before Installation

1.Learn the specification,form,register position,corresponding installation size and power request of the matched motor.

2.Before installment,should inspect the leaf,the cabinet and the bolt carefully.If damaged,distorted or loose,install or use after repaired.

3.Interlocking device should be installed between discharge register and smoke exhaust fan,if any register is opened,the fan will start automatically.

4.Must inspect whether there is something hindering the rotation and whether electricity line is well before the blower starts.

5.Must inspect all the blower parts and the bearing grease regularly after the installment to guarantee the blower can start at any time and work normally.

6.The impeller rotation direction must be consistent with the arrow mark on wind tunnel.

## 风机常见故障分析

Common Breakdown Analysis

● 振动。 产生的原因很多， 可从下述几个方面进行检查；

1、因贮运变形使叶轮旋转时碰擦外壳。 此时会发出异常的声音和剧烈的振动，原因是贮运过程中风机机壳或叶轮部件发生变形。

2、风机底脚螺栓未拧紧。

3、因叶轮受压变形、联接件松动、轴承损坏使叶轮动平衡破坏。

● 电机发热。 则可能有下列原因之一造成：

1、电机轴承损坏。

2、电机轴与风机轮壳安装的形位公差不符合技术要求。

3、电源电压过低。

• Vibration.The reasons are many,may inspect from the followings.

1.The leaf scratches the outer covering when the impeller revolves for damaged or distorted at storage and transportation.At this time can make an unusual sound or a fierce vibration.

2.The foundation bolt has not been screwed tightly.

3.The impeller acting equilibrium may be destructed for the impeller distorted,joint loose,bearing damaged.

• The motor gets heat. Caused by the one of the following reasons

1. Motor bearing is damaged

2. The installment common difference of the shaft and the scroll does not meet the specification.

3. The supply voltage is too low.

## 维护保养

Maintenance

● 风机最好至少一年进行一次定期检修，检查轴承，消除风机内部的灰尘，污垢。

• After ten years of continuous effort,China Yatai Group starting from terminal air conditioner, Do a maintenance regularly once a year at least to eliminate the dust inside the fan.

# SJG斜流风机

## SJG Oblique Flow Fan



## 结构型式

Structure pattern

SJG斜流风机应用子午加速理论，设计了斜流叶轮和鼓腹形锥筒外壳，使风机子午平面上的气流得以加速，静压梯度减小，从而避免或减少了气流脱体，提高了压力系数和风机效率，降低了噪声。

SJG斜流风机的压力系数高于轴流式风机，流量系数高于离心式风机，这种独特的空气动力特性，使其最适合于通风管道的加压和送排风，而离心式风机和轴流式风机则往往不适宜在这种场合使用。在相同的现场条件下，用SJG斜流风机替代低压离心式风机和高压轴流式风机，可大量减少消声措施的采用。

SJG斜流风机共有12个机号，27种规格。 风量覆盖面达到100m$^3$/h~50000m$^3$/h，静压覆盖面达到20Pa~1100Pa，为用户提供了宽阔的选择余地，可满足不同工程的选用需要。

The SJG oblique flow fan applies Ziwu Acceleration Theory,oblique flow impeller and drum awl tube cabinet.Makes the current on the Ziwu plane accelerate,reduces the static-pressure gradient,thus avoids and reduces the current detach,enhances the pressure coefficient and machine efficiency,reduces the noise.

The pressure coefficient of the SJG oblique flow fan is higher than the axial one,the discharge coefficient is higher than the centrifugal one.This kind of unique aerodynamic characteristic,lets it suit in the ventilating duct pressurization and deliver or exhaust fan,however,the centrifugal and the axial is not suitable in this kind of situation.Under the same condition,using the SJG oblique flow fan to substitute the low pressure centrifugal fan and high pressure axial one may massively reduce the usage of noise elimination measure.

The SJG oblique flow fan has 12 serial numbers,27 kinds of specifications altogether.The volume covers 100m$^3$/h~50000m$^3$/h,the static pressure covers 20Pa~1100Pa, provides a broad choice for the users,may satisfy the different projects.

## 适用场合

Suitable situation

SJG斜流风机的直线形结构，使其进风口和出风口位于同一条轴线上，安装方便灵活，根据风管系统的情况，可布置在风管的中间，也可布置在风管的进口或出口。 对于狭小的安装空间，尤其显示出其结构紧凑的优越性。 SJG斜流风机适合于各类民用和工业建筑中风道系统的加压、送风和排风及一般通风换气。 在需要设置消防排烟系统的高层建筑和其它建筑中，作为防烟楼梯间和前室的正压送风机，可使火灾发生时楼梯间和前室保持必要的正压，保证人员的安全疏散。

The rectiunear structure of the SJG oblique flow fan makes its inlet and outlet locate on the identical spool thread,the installment convenience.According to the air pipe situation, may be arranged in the middle of the pipe,or at the inlet and outlet.Especially at the narrow and small installment space,demonstrates its superiority of compact structure.The SJG oblique flow fan suits in pressurization,intake,exhausting and general taking a breath in each kind of civil and industry architecture.In the high or other building which needs to establish fire fighting smoke exhaust system,the positive pressure fan located in stair hall or first room will maintain an essential positive pressure,make sure the people escape safely.

## 型号表示

Model expression

SJG-（S、X）-□（F、S、E）

- 叶轮转速，F-1450r/min; S-960r/min; E-720r/min
  Impeller speed,F-1450r/Min;S-960r/Min;E-720r/Min
- 机号（风机进出口直径尺寸（mm）除以 100）
  The serial number [the diameter size of inlet and outlet of fan (mm) divides 100]
- 消声型
  Noise elimination
- 双速型
  Double speed
- 斜流风机（带 F 为玻璃钢材质）
  The oblique flow fan (F:glass fiber reinforced plastic material)

型 号 示 例：

SJG-5F №5F（叶轮转速1450r/min）斜流风机

SJG-X-5F №5F消声型斜流风机

SJG-S-5 №5双速型斜流风机

SJG-SX-5 №5双速消声型斜流风机

注： 用户在设计图纸和定货清单中应按此型号表示方法表明所需风机的型号和规格。

Model demonstration:SJG-5F № 5F (impeller speed 1450r/Min) oblique flow fan
SJG-X-5F № 5F noise elimination oblique flow fan
SJG-S-5 № 5 double speed oblique flow fan
SJG-SX-5 № 5 double speed noise elimination oblique flow fan

Note:Users should express model and specification of the fan in the designed paper and the ordered merchandise list.

## 执行标准

Standard Carried out

GB/T 1236《工业通风机用标准化风道进行性能试验》
GB/T 2888《风机和罗茨鼓风机噪声测量方法》
JB/T 4364《风机配套消声器性能试验方法》

GB/T 1236 "Industry Fan,Performance Test through Standardized Air Pipe"
GB/T 2888"Air Blower and Luo Tribulus Air Blower Noise Measurement Method"
JB/T 4364 "Air Blower Necessary Silencer Performance Test Method"

## SJG斜流风机技术参数表

Parameter list of SJG oblique fan

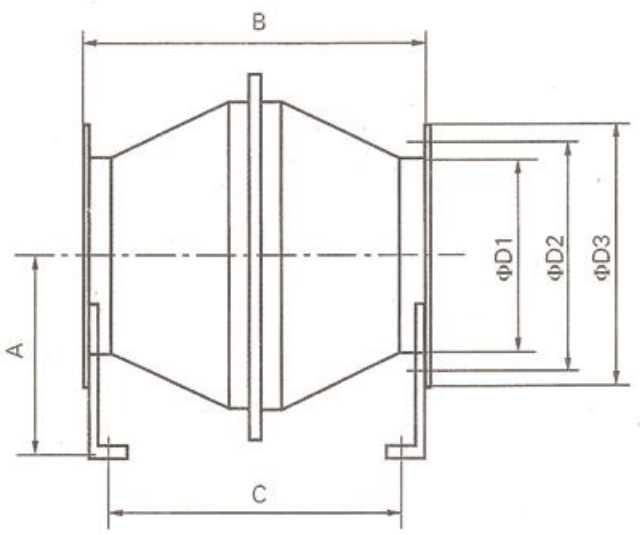
| 机号 № Serial number | 转速 r/min Speed | 工况 Operating mode | 风量 $m^3/h$ Volume | 静压 Pa Total pressure | 功率 kW Power | 出口噪声 dB(A) Outlet noise |
|---|---|---|---|---|---|---|
| 2F | 1450 | 1 | 300 | 90 | 0.04 | 59 |
| | | 2 | 400 | 80 | | |
| | | 3 | 500 | 75 | | |
| | | 4 | 600 | 70 | | |
| | | 5 | 700 | 50 | | |
| 2.5F | 1450 | 1 | 600 | 150 | 0.12 | 62 |
| | | 2 | 800 | 140 | | |
| | | 3 | 900 | 130 | | |
| | | 4 | 1100 | 120 | | |
| | | 5 | 1400 | 65 | | |
| 3F | 1450 | 1 | 800 | 230 | 0.25 | 65 |
| | | 2 | 1000 | 210 | | |
| | | 3 | 1350 | 205 | | |
| | | 4 | 1800 | 175 | | |
| | | 5 | 2200 | 130 | | |
| 3.5S | 960 | 1 | 800 | 140 | 0.18 | 64 |
| | | 2 | 1000 | 130 | | |
| | | 3 | 1400 | 125 | | |
| | | 4 | 1800 | 110 | | |
| | | 5 | 2200 | 80 | | |
| 3.5F | 1450 | 1 | 1200 | 320 | 0.37 | 70 |
| | | 2 | 1600 | 290 | | |
| | | 3 | 2000 | 270 | | |
| | | 4 | 2800 | 240 | | |
| | | 5 | 3600 | 180 | | |
| 4S | 960 | 1 | 1200 | 185 | 0.25 | 65 |
| | | 2 | 1600 | 170 | | |
| | | 3 | 2000 | 160 | | |
| | | 4 | 2800 | 140 | | |
| | | 5 | 3400 | 115 | | |
| 4F | 1450 | 1 | 1800 | 420 | 0.75 | 74 |
| | | 2 | 2400 | 380 | | |
| | | 3 | 3000 | 370 | | |
| | | 4 | 4200 | 310 | | |
| | | 5 | 5100 | 240 | | |
| 4.5S | 960 | 1 | 1600 | 240 | 0.37 | 69 |
| | | 2 | 2200 | 210 | | |
| | | 3 | 3000 | 205 | | |
| | | 4 | 4000 | 160 | | |
| | | 5 | 5000 | 130 | | |
| 4.5F | 1450 | 1 | 2500 | 530 | 1.1 | 76 |
| | | 2 | 3400 | 480 | | |
| | | 3 | 4500 | 470 | | |
| | | 4 | 6000 | 380 | | |
| | | 5 | 8000 | 220 | | |
| 5S | 960 | 1 | 2200 | 285 | 0.75 | 73 |
| | | 2 | 3000 | 260 | | |
| | | 3 | 4000 | 250 | | |
| | | 4 | 5500 | 205 | | |
| | | 5 | 7000 | 160 | | |

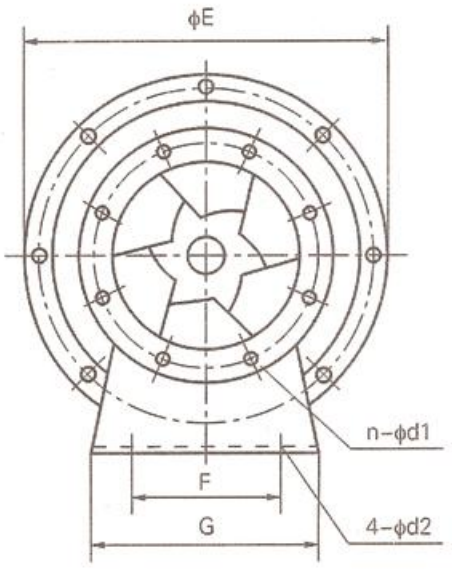
| 机号 № Serial number | 转速 r/min Speed | 工况 Operating mode | 风量 $m^3/h$ Volume | 静压 Pa Total pressure | 功率 kW Power | 出口噪声 dB(A) Outlet noise |
|---|---|---|---|---|---|---|
| 5F | 1450 | 1 | 3300 | 660 | 2.2 | 79 |
| | | 2 | 4600 | 600 | | |
| | | 3 | 6000 | 560 | | |
| | | 4 | 8000 | 500 | | |
| | | 5 | 10000 | 380 | | |
| 6E | 720 | 1 | 2800 | 240 | 1.1 | 74 |
| | | 2 | 3800 | 220 | | |
| | | 3 | 4800 | 210 | | |
| | | 4 | 7500 | 160 | | |
| | | 5 | 9000 | 100 | | |
| 6S | 960 | 1 | 3800 | 410 | 1.5 | 78 |
| | | 2 | 5400 | 380 | | |
| | | 3 | 7000 | 360 | | |
| | | 4 | 9000 | 320 | | |
| | | 5 | 12000 | 140 | | |
| 6F | 1450 | 1 | 5700 | 980 | 5.5 | 86 |
| | | 2 | 8000 | 860 | | |
| | | 3 | 9000 | 840 | | |
| | | 4 | 15000 | 680 | | |
| | | 5 | 19000 | 380 | | |
| 7E | 720 | 1 | 4500 | 300 | 2.2 | 79 |
| | | 2 | 6000 | 295 | | |
| | | 3 | 9000 | 260 | | |
| | | 4 | 13000 | 215 | | |
| | | 5 | 16000 | 120 | | |
| 7S | 960 | 1 | 6000 | 580 | 3 | 83 |
| | | 2 | 8000 | 520 | | |
| | | 3 | 12000 | 465 | | |
| | | 4 | 18000 | 360 | | |
| | | 5 | 21000 | 240 | | |
| 8E | 720 | 1 | 7000 | 420 | 4 | 82 |
| | | 2 | 9000 | 390 | | |
| | | 3 | 11000 | 360 | | |
| | | 4 | 18000 | 280 | | |
| | | 5 | 2300 | 180 | | |
| 8S | 960 | 1 | 9000 | 740 | 7.5 | 87 |
| | | 2 | 12000 | 680 | | |
| | | 3 | 15000 | 640 | | |
| | | 4 | 25000 | 510 | | |
| | | 5 | 33000 | 300 | | |
| 9E | 720 | 1 | 10000 | 520 | 5.5 | 90 |
| | | 2 | 13000 | 500 | | |
| | | 3 | 20000 | 420 | | |
| | | 4 | 26000 | 360 | | |
| | | 5 | 33000 | 200 | | |
| 10E | 720 | 1 | 13000 | 650 | 11 | 93 |
| | | 2 | 17000 | 600 | | |
| | | 3 | 23000 | 560 | | |
| | | 4 | 35000 | 470 | | |
| | | 5 | 46000 | 280 | | |

# SJG斜流风机技术参数表

Parameter list of SJG oblique fan

| 机号 № Serial number | 转速 r/min Speed | 工况 Operating mode | 风量 $m^3/h$ Volume | 静压 Pa Total pressure | 功率 kW Power | 出口噪声 dB(A) Outlet noise | 机壳噪声 dB(A) Cabinet noise | 重量 kg Weight |
|---|---|---|---|---|---|---|---|---|
| 3.5 | 1450 | 1 | 800 | 230 | 0.37 | 70 | 61 | 42 |
| | | 2 | 1000 | 210 | | | | |
| | | 3 | 1350 | 205 | | | | |
| | | 4 | 1800 | 175 | | | | |
| | | 5 | 2200 | 130 | | | | |
| | 960 | 1 | 800 | 140 | 0.18 | 64 | 56 | 40 |
| | | 2 | 1000 | 130 | | | | |
| | | 3 | 1400 | 125 | | | | |
| | | 4 | 1800 | 110 | | | | |
| | | 5 | 2200 | 80 | | | | |
| 4 | 1450 | 1 | 1800 | 420 | 0.75 | 74 | 63 | 62 |
| | | 2 | 2400 | 380 | | | | |
| | | 3 | 3000 | 370 | | | | |
| | | 4 | 4200 | 310 | | | | |
| | | 5 | 5100 | 240 | | | | |
| | 960 | 1 | 1200 | 185 | 0.25 | 65 | 57 | 59 |
| | | 2 | 1600 | 170 | | | | |
| | | 3 | 2000 | 160 | | | | |
| | | 4 | 2800 | 140 | | | | |
| | | 5 | 3400 | 115 | | | | |
| 4.5 | 1450 | 1 | 2500 | 530 | 1.1 | 76 | 65 | 78 |
| | | 2 | 3400 | 480 | | | | |
| | | 3 | 4500 | 470 | | | | |
| | | 4 | 6000 | 380 | | | | |
| | | 5 | 8000 | 220 | | | | |
| | 960 | 1 | 1600 | 240 | 0.37 | 69 | 59 | 75 |
| | | 2 | 2200 | 210 | | | | |
| | | 3 | 3000 | 205 | | | | |
| | | 4 | 4000 | 160 | | | | |
| | | 5 | 5000 | 130 | | | | |
| 5 | 1450 | 1 | 3300 | 660 | 2.2 | 79 | 67 | 100 |
| | | 2 | 4600 | 600 | | | | |
| | | 3 | 6000 | 560 | | | | |
| | | 4 | 8000 | 500 | | | | |
| | | 5 | 10000 | 380 | | | | |
| | 960 | 1 | 2200 | 285 | 0.75 | 73 | 63 | 96 |
| | | 2 | 3000 | 260 | | | | |
| | | 3 | 4000 | 250 | | | | |
| | | 4 | 5500 | 205 | | | | |
| | | 5 | 7000 | 160 | | | | |
| 6 | 1450 | 1 | 5700 | 980 | 5.5 | 86 | 73 | 165 |
| | | 2 | 8000 | 860 | | | | |
| | | 3 | 9000 | 840 | | | | |
| | | 4 | 15000 | 680 | | | | |
| | | 5 | 19000 | 380 | | | | |
| | 960 | 1 | 3800 | 410 | 1.5 | 78 | 66 | 160 |
| | | 2 | 5400 | 380 | | | | |
| | | 3 | 7000 | 360 | | | | |
| | | 4 | 9000 | 320 | | | | |
| | | 5 | 12000 | 140 | | | | |
| 7 | 960 | 1 | 6000 | 580 | 3 | 83 | 71 | 210 |
| | | 2 | 8000 | 520 | | | | |
| | | 3 | 12000 | 465 | | | | |
| | | 4 | 18000 | 360 | | | | |
| | | 5 | 21000 | 240 | | | | |
| | 720 | 1 | 4500 | 300 | 2.2 | 79 | 67 | 204 |
| | | 2 | 6000 | 295 | | | | |
| | | 3 | 9000 | 260 | | | | |
| | | 4 | 1300 | 215 | | | | |
| | | 5 | 16000 | 120 | | | | |
| 8 | 960 | 1 | 9000 | 740 | 7.5 | 87 | 73 | 360 |
| | | 2 | 12000 | 680 | | | | |
| | | 3 | 15000 | 640 | | | | |
| | | 4 | 25000 | 510 | | | | |
| | | 5 | 33000 | 300 | | | | |
| | 720 | 1 | 7000 | 420 | 4 | 82 | 70 | 352 |
| | | 2 | 9000 | 390 | | | | |
| | | 3 | 11000 | 360 | | | | |
| | | 4 | 18000 | 280 | | | | |
| | | 5 | 23000 | 180 | | | | |




## SJG、SJG-S斜流风机外形和安装尺寸表（mm）

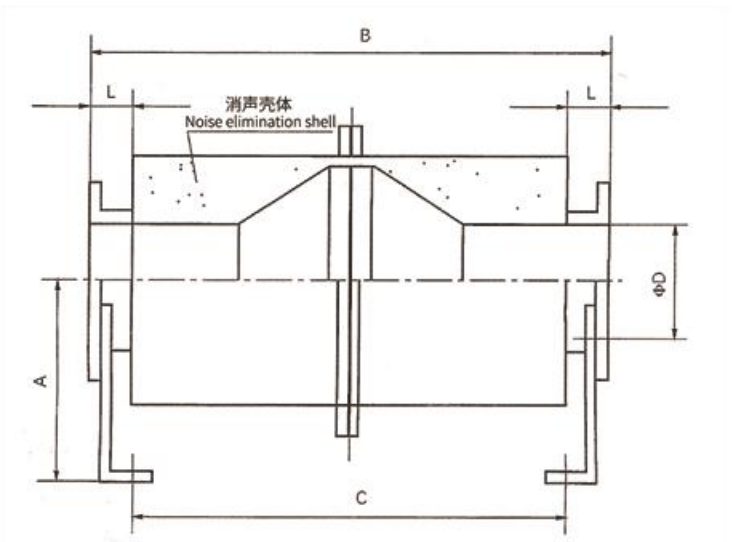
Contour and installation table of SJG,SJG-S oblique flow fan

| 机号 Serial number | A | B | C | D1 | E | D3 | G | F | d2 |
|---|---|---|---|---|---|---|---|---|---|
| 2 | 175 | 320 | 250 | 200 | 340 | 250 | 180 | 115 | 10.5 |
| 2.5 | 230 | 370 | 325 | 250 | 445 | 310 | 225 | 170 | 10.5 |
| 3 | 260 | 460 | 400 | 300 | 510 | 370 | 270 | 200 | 10.5 |
| 3.5 | 295 | 520 | 460 | 350 | 580 | 420 | 315 | 200 | 10.5 |
| 4 | 335 | 600 | 535 | 400 | 660 | 480 | 360 | 230 | 12.5 |
| 4.5 | 375 | 690 | 610 | 450 | 740 | 530 | 405 | 310 | 12.5 |
| 5 | 415 | 770 | 685 | 500 | 815 | 600 | 450 | 390 | 14.5 |
| 6 | 500 | 910 | 835 | 600 | 990 | 710 | 540 | 445 | 14.5 |
| 7 | 585 | 1000 | 970 | 700 | 1080 | 820 | 630 | 530 | 16.5 |
| 8 | 665 | 1140 | 1120 | 800 | 1240 | 930 | 700 | 580 | 16.5 |
| 9 | 720 | 1340 | 1260 | 900 | 1425 | 1040 | 810 | 650 | 18.5 |
| 10 | 795 | 1490 | 1410 | 1000 | 1569 | 1140 | 900 | 740 | 18.5 |

## SJG-X消声型斜流风机外形和安装尺寸表（mm）

Contour and installation table of SJG-X noise elimination oblique flow fan

| 机号 Serial number | A | B | C | D | L |
|---|---|---|---|---|---|
| 2 | 225 | 620 | 570 | 200 | 25 |
| 2.5 | 270 | 700 | 650 | 250 | 25 |
| 3 | 310 | 800 | 750 | 300 | 30 |
| 3.5 | 345 | 870 | 810 | 350 | 30 |
| 4 | 385 | 980 | 920 | 400 | 30 |
| 4.5 | 425 | 1090 | 1030 | 450 | 40 |
| 5 | 475 | 1200 | 1140 | 500 | 40 |
| 6 | 560 | 1420 | 1360 | 600 | 40 |
| 7 | 655 | 1640 | 1570 | 700 | 50 |
| 8 | 735 | 1860 | 1790 | 800 | 50 |
| 9 | 790 | 2080 | 2000 | 900 | 50 |
| 10 | 865 | 2300 | 2220 | 1000 | 50 |




注：SJG-X消声器斜流风机还可根据用户对降低噪声的要求，配置非标准尺寸的消声壳体，以达到工程现场的噪声控制指标。

本系列风机一般不在法兰上打孔，打孔需订货时注明，敬请客户注意。

Note:According to the user's noise reduction requests,the SJG-X silencer oblique flow fan may provide non -standard noise elimination shell,in order toachieve the noise control target of the project site.

this series of fans are generally not punched on the flanges. When the punching needs to be ordered, we should pay attention to the customers.

# T35、DZ轴流通风机
T35,DZ Axial Fan

# FT35、DZ-F防腐轴流通风机
FT35,DZ-F Non-corrosive Axial Fan

# BT35、DZ-B防爆轴流通风机
BT35,DZ-B Explosion-proof Axial Fan

# BFT35、DZ-BF防爆阻燃轴流通风机
BFT35,DZ-BF Explosion-proof and Flame-resistant Axial Fan



## 结构型式
Structure pattern

T35、DZ型系列轴流通风机通过模型试验研究，确定了风机翼型，采用了圆筒型轮毂结构，电动机进行了改型设计，结构上减少了流动损失，因而使风机效率按出口圆面积计算提高到77%，按出口环面积计算提高到89.5%，比A声级降低了3.6dB。

T35、DZ型系列轴流通风机按叶轮直径共分为13个机号，依次排列为№2.8、3.15、3.55、4、4.5、5、5.6、6.3、7.1、8、9、10、11.2。每1个机号又分为15°、20°、25°、30°、35°等5种叶片安装角度。

T35、DZ型轴流通风机各机号均采用叶轮与电动机直联结构。在叶轮圆周速度不超过60m/s条件下配用3种转速：2900、1450、960r/min，进气方向在叶轮一侧。

FT35、DZ-F型轴流通风机是T35型轴流通风机的派生系列产品，是防腐型风机。由玻璃钢材料制造，金属零部件喷防腐层，可有效防止风机各个部位遭受侵蚀。

BFT35、DZ-BF型轴流通风机也是T35型轴流通风机的派生系列产品，是防爆场合的专用风机。配备防爆电动机，关键零部件覆以防静电表层或采用有色金属制造，可有效防止产生摩擦静电和电器部件的电火花泄露。

FT35、DZ-F型轴流通风机的性能和外形尺寸与T35型轴流通风机一致。BFT35、DZ-BF型轴流通风机的性能与T35型轴流通风机的性能有所差别，外形尺寸一致。

注：配用电机为三相。

Through model experiment,the wing model of T35,DZ series of axial fan has been determined to be cylinder wheel hub structure.The modification design has been carried on,flow loss reduced in the structure,thus fan efficiency has been increased 77% in the terms of outlet round area,89.5% outlet circle area.The A sound level has been reduced 3.6db.The T35,DZ series axial fan is divided into 13 serial numbers altogether.According to the impeller diameter,arranges for № 2.8,3.15,3.55,4,4.5,5,5.6,6.3,7.1,8,9,10,11.2 in turn.Every serial number is divided into 5 kinds of blade installation angle such as 15°,20°,25°,30°,35°and so on.

All kinds of T35,DZ axial fan are adopted straight jointed structure of the impeller and the motor.Under 60m/in of the impeller's velocity,there are 3 kinds of rotational speeds to be matched,2900,1450 and 960r/Min.

FT35,DZ-F axial fan is a derivation product from T35,made of glass fiber reinforced plastic material.Its metal parts are covered by anticorrosion level,and prevent corrosion effectively.BFT35,DZ-BF axial fan is a derivation product from T35 too,is a special-purpose one against explosion situation. It has explosion-proof electrical machinery,the essential spare part uses the static electricity surface layer or the non-ferrous metal,can prevent friction static electricity and electric spark effectively.

The performance and the external dimensions of FT35,DZ-F axial fan are consistent with the T35.The performance of BFT35,DZ-BF axial fan and the T35 have a difference,but the external dimensions are consistent.

Note:The matched motor is three-phases one.

## 适用场合
Suitable situation

T35、DZ型轴流通风机适合于各类民用和工业建筑的通风换气和送排风。

FT35、DZ-F型防腐轴流通风机适宜于在化工厂、实验室、地下室、浴池等场合安装使用，输送带腐蚀性气体、含酸碱性气体和高湿度气体。

BFT35、DZ-BF型防爆轴流通风机是防爆专用风机，适宜于在燃油燃气锅炉房，高浓度粉尘车间、油库、储气站、易爆物品存放仓库等有防爆要求的场合安装使用，可输送具有易燃、易爆和易挥发性质的气体。

The T35,DZ axial fan suits in ventilation,deliver or exhaust in all kinds of civil and industry architectures.

The FT35,DZ-F anticorrosion axial fan is suitable in chemical plant,laboratory,basement,bathing pool and so on,to convey caustic,acid or alkali and high-moisture gas.

BFT35,DZ-BF explosion-proof axial fan is suitable in boiler (oil or gas as fuel),highly concentrated dust workshop,fuel depot,gas storage stands,high explosive cargo warehouse and so on,this situation has the explosion-proof request.

## 执行标准
Standard carried out

GB/T 1236《工业通风机用标准化风道进行性能试验》（等同ISO 5801：1997）

GB/T 2888《风机和罗茨鼓风机噪声测量方法》

GB/T1236"Industry Ventilator,Performance Test through Standardized Air Pipe"(to equate ISO5801:1,997)

GB/T2888"Air Blower and Luo Tribulus Air Blower Noise Measurement Method"

## T35、DZ、FT35、DZ–F轴流风机性能表

Performance chart of the T35,DZ,FT35,DZ-F axial fan

| 机号 Serial number | 叶轮直径（mm） Impeller diameter | 叶轮周速（m/s） Impeller periphery speed | 主轴转数（r/min) Main axle speed | 叶片角度 Blade | 风量（$m^3$/h) Volume | 全压（Pa) Total pressure | 全压效率 Total pressure efficiency | 需用轴功率（kw) Needed shaft power | 采用轴功率（kw) Used shaft power | 配用电机 Matched motor | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | 型号 Model | 功率（kw) Power |
| 2.8 | 280 | 42.5 | 2900 | 15 | 1649 | 155 | 0.87 | 0.080 | 0.092 | 型号 | 0.120 |
| | | | | 20 | 2167 | 172 | 0.88 | 0.115 | 0.133 | $YSF56_2$–2 | 0.180 |
| | | | | 25 | 2685 | 177 | 0.895 | 0.145 | 0.166 | $YSF63_1$–2 | 0.180 |
| | | | | 30 | 2921 | 190 | 0.88 | 0.170 | 0.197 | $YSF63_1$–2 | 0.180 |
| | | | | 35 | 3202 | 237 | 0.86 | 0.240 | 0.276 | $YSF63_2$–2 | 0.250 |
| | | 21.3 | 1450 | 15 | 826 | 39 | 0.87 | 0.010 | 0.012 | $YSF50_1$–4 | 0.025 |
| | | | | 20 | 1086 | 44 | 0.88 | 0.015 | 0.017 | $YSF50_1$–4 | 0.025 |
| | | | | 25 | 1346 | 45 | 0.895 | 0.018 | 0.021 | $YSF50_1$–4 | 0.025 |
| | | | | 30 | 1464 | 49 | 0.88 | 0.022 | 0.026 | $YSF50_2$–4 | 0.040 |
| | | | | 35 | 1605 | 61 | 0.86 | 0.031 | 0.036 | $YSF50_2$–4 | 0.040 |
| 3.15 | 315 | 47.8 | 2900 | 15 | 2339 | 196 | 0.87 | 0.144 | 0.166 | $YSF63_1$–2 | 0.180 |
| | | | | 20 | 3074 | 218 | 0.88 | 0.207 | 0.238 | $YSF63_2$–2 | 0.250 |
| | | | | 25 | 3810 | 224 | 0.895 | 0.259 | 0.298 | $YSF71_1$–2 | 0.370 |
| | | | | 30 | 4141 | 242 | 0.88 | 0.309 | 0.355 | $YSF71_1$–2 | 0.370 |
| | | | | 35 | 4545 | 300 | 0.86 | 0.430 | 0.495 | $YSF71_2$–2 | 0.550 |
| | | 23.9 | 1450 | 15 | 1169 | 49 | 0.87 | 0.018 | 0.021 | $YSF50_1$–4 | 0.025 |
| | | | | 20 | 1537 | 54 | 0.88 | 0.026 | 0.030 | $YSF50_2$–4 | 0.040 |
| | | | | 25 | 1905 | 56 | 0.895 | 0.032 | 0.037 | $YSF50_2$–4 | 0.040 |
| | | | | 30 | 2072 | 60 | 0.88 | 0.039 | 0.045 | $YSF56_1$–4 | 0.060 |
| | | | | 35 | 2273 | 75 | 0.86 | 0.053 | 0.061 | $YSF56_2$–4 | 0.090 |
| 3.55 | 355 | 53.9 | 2900 | 15 | 3367 | 246 | 0.87 | 0.261 | 0.300 | $YSF71_1$–2 | 0.370 |
| | | | | 20 | 4426 | 277 | 0.88 | 0.379 | 0.436 | $YSF71_2$–2 | 0.550 |
| | | | | 25 | 5484 | 284 | 0.895 | 0.473 | 0.544 | $YSF71_2$–2 | 0.550 |
| | | | | 30 | 5965 | 306 | 0.88 | 0.564 | 0.649 | $YSF71_3$–2 | 0.750 |
| | | | | 35 | 6542 | 380 | 0.86 | 0.787 | 0.905 | $YSF80_2$–2 | 1.1 |
| | | 27.0 | 1450 | 15 | 1680 | 62 | 0.87 | 0.033 | 0.038 | $YSF50_2$–4 | 0.040 |
| | | | | 20 | 2208 | 69 | 0.88 | 0.047 | 0.054 | $YSF56_1$–4 | 0.060 |
| | | | | 25 | 2737 | 71 | 0.895 | 0.059 | 0.068 | $YSF56_2$–4 | 0.090 |
| | | | | 30 | 2977 | 76 | 0.88 | 0.070 | 0.081 | $YSF56_2$–4 | 0.090 |
| | | | | 35 | 3265 | 95 | 0.86 | 0.098 | 0.113 | $YSF63_1$–4 | 0.120 |
| 4 | 400 | 60.7 | 2900 | 15 | 4806 | 316 | 0.87 | 0.475 | 0.546 | $YSF71_2$–2 | 0.550 |
| | | | | 20 | 6316 | 352 | 0.88 | 0.688 | 0.791 | $YSF80_2$–2 | 1.1 |
| | | | | 25 | 7826 | 361 | 0.895 | 0.859 | 0.988 | $YSF80_2$–2 | 1.1 |
| | | | | 30 | 8513 | 388 | 0.88 | 1.021 | 1.175 | $YSF80_2$–2 | 1.1 |
| | | | | 35 | 9336 | 483 | 0.86 | 1.427 | 1.641 | $YT90_S$–2 | 1.5 |
| | | 30.4 | 1450 | 15 | 2406 | 79 | 0.87 | 0.059 | 0.068 | $YSF56_2$–4 | 0.090 |
| | | | | 20 | 3163 | 88 | 0.88 | 0.086 | 0.099 | $YSF63_1$–4 | 0.120 |
| | | | | 25 | 3920 | 90 | 0.895 | 0.07 | 0.123 | $YSF63_1$–4 | 0.120 |
| | | | | 30 | 4263 | 97 | 0.88 | 0.128 | 0.147 | $YSF63_2$–4 | 0.180 |
| | | | | 35 | 4676 | 121 | 0.86 | 0.179 | 0.206 | $YSF71_1$–4 | 0.250 |
| 4.5 | 450 | 34.2 | 1450 | 15 | 3427 | 100 | 0.87 | 0.107 | 0.123 | $YSF63_1$–4 | 0.120 |
| | | | | 20 | 4504 | 112 | 0.88 | 0.156 | 0.179 | $YSF63_2$–4 | 0.180 |
| | | | | 25 | 5581 | 115 | 0.895 | 0.195 | 0.224 | $YSF71_1$–4 | 0.250 |
| | | | | 30 | 6070 | 123 | 0.88 | 0.231 | 0.266 | $YSF71_2$–4 | 0.370 |
| | | | | 35 | 6678 | 153 | 0.86 | 0.322 | 0.370 | $YSF71_2$–4 | 0.370 |
| 5 | 500 | 38.0 | 1450 | 15 | 4700 | 124 | 0.87 | 0.182 | 0.21 | $YSF71_1$–4 | 0.250 |
| | | | | 20 | 6178 | 138 | 0.88 | 0.264 | 0.303 | $YSF71_2$–4 | 0.370 |
| | | | | 25 | 7655 | 141 | 0.895 | 0.328 | 0.370 | $YSF71_2$–4 | 0.370 |
| | | | | 30 | 8327 | 152 | 0.88 | 0.392 | 0.450 | $YSF80_1$–4 | 0.550 |
| | | | | 35 | 9133 | 189 | 0.86 | 0.546 | 0.628 | $YSF80_2$–4 | 0.750 |
| | | 25.1 | 960 | 15 | 3142 | 54 | 0.87 | 0.058 | 0.061 | $YSF80_1$–6 | 0.370 |
| | | | | 20 | 4129 | 60 | 0.88 | 0.076 | 0.088 | $YSF80_1$–6 | 0.370 |
| | | | | 25 | 5117 | 62 | 0.895 | 0.096 | 0.111 | $YSF80_1$–6 | 0.370 |
| | | | | 30 | 5566 | 66 | 0.88 | 0.114 | 0.131 | $YSF80_1$–6 | 0.370 |
| | | | | 35 | 6104 | 83 | 0.86 | 0.160 | 0.184 | $YSF80_1$–6 | 0.370 |

# T35、DZ、FT35、DZ–F轴流风机性能表

Performance chart of the T35,DZ,FT35,DZ-F axial fan

| 机号 Serial number | 叶轮直径（mm） Impeller diameter | 叶轮周速（m/s） Impeller periphery speed | 主轴转数（r/min) Main axle speed | 叶片角度 Blade | 风量（$m^3$/h) Volume | 全压（Pa) Total pressure | 全压效率 Total pressure efficiency | 需用轴功率（kw) Needed shaft power | 采用轴功率（kw) Used shaft power | 配用电机 Matched motor | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | 型号 Model | 功率（kw) Power |
| 5.6 | 560 | 42.5 | 1450 | 15 | 6595 | 154 | 0.87 | 0.318 | 0.365 | $YSF71_2$–4 | 0.370 |
| | | | | 20 | 8667 | 172 | 0.88 | 0.461 | 0.530 | $YSF80_1$–4 | 0.550 |
| | | | | 25 | 10739 | 177 | 0.895 | 0.578 | 0.665 | $YSF80_2$–4 | 0.750 |
| | | | | 30 | 11689 | 190 | 0.88 | 0.687 | 0.790 | YT90S–4 | 1.1 |
| | | | | 35 | 12812 | 237 | 0.86 | 0.961 | 1.1 | YT90S–4 | 1.1 |
| | | 28.1 | 960 | 15 | 4360 | 68 | 0.87 | 0.093 | 0.106 | YT90S–4 | 0.370 |
| | | | | 20 | 5730 | 75 | 0.88 | 0.133 | 0.153 | $YSF80_1$–6 | 0.370 |
| | | | | 25 | 7101 | 77 | 0.895 | 0.166 | 0.191 | $YSF80_1$–6 | 0.370 |
| | | | | 30 | 7724 | 83 | 0.88 | 0.198 | 0.228 | $YSF80_1$–6 | 0.370 |
| | | | | 35 | 8471 | 103 | 0.86 | 0.276 | 0.318 | $YSF80_1$–6 | 0.370 |
| 6.3 | 630 | 47.8 | 1450 | 15 | 9393 | 196 | 0.87 | 0.576 | 0.662 | $YSF80_1$–4 | 0.75 |
| | | | | 20 | 12345 | 218 | 0.88 | 0.833 | 0.958 | YT90S–4 | 1.1 |
| | | | | 25 | 15297 | 224 | 0.895 | 1.043 | 1.199 | YT90L–4 | 1.5 |
| | | | | 30 | 16639 | 241 | 0.88 | 1.241 | 1.427 | YT90L–4 | 1.5 |
| | | | | 35 | 18250 | 300 | 0.86 | 1.734 | 1.994 | YT100L–4 | 2.2 |
| | | 31.7 | 960 | 15 | 6219 | 86 | 0.87 | 0.167 | 0.192 | $YSF80_1$–6 | 0.370 |
| | | | | 20 | 8173 | 96 | 0.88 | 0.243 | 0.249 | $YSF80_1$–6 | 0.370 |
| | | | | 25 | 10128 | 98 | 0.895 | 0.302 | 0.347 | $YSF80_1$–6 | 0.370 |
| | | | | 30 | 11016 | 106 | 0.88 | 0.361 | 0.415 | YT90S–6 | 0.750 |
| | | | | 35 | 12082 | 131 | 0.86 | 0.501 | 0.576 | YT90S–6 | 0.750 |
| 7.1 | 710 | 53.9 | 1450 | 15 | 13444 | 249 | 0.87 | 1.048 | 1.205 | YT90L–4 | 1.5 |
| | | | | 20 | 17670 | 277 | 0.88 | 1.515 | 1.742 | $YT100L_1$–4 | 2.2 |
| | | | | 25 | 21895 | 284 | 0.895 | 1.892 | 2.176 | $YT100L_1$–4 | 2.2 |
| | | | | 30 | 23815 | 306 | 0.88 | 2.255 | 2.593 | $YT100L_2$–4 | 3 |
| | | | | 35 | 26120 | 380 | 0.86 | 3.143 | 3.614 | YT112M–4 | 4 |
| | | 36.7 | 960 | 15 | 8902 | 110 | 0.87 | 0.307 | 0.353 | YT90S–6 | 0.75 |
| | | | | 20 | 11700 | 122 | 0.88 | 0.442 | 0.508 | YT90S–6 | 0.75 |
| | | | | 25 | 14498 | 125 | 0.895 | 0.551 | 0.633 | YT90S–6 | 0.75 |
| | | | | 30 | 15769 | 134 | 0.88 | 0.654 | 0.752 | YT90S–6 | 0.75 |
| | | | | 35 | 17296 | 167 | 0.86 | 0.915 | 1.052 | YT90L–6 | 1.1 |
| 8 | 800 | 60.7 | 1450 | 15 | 19235 | 316 | 0.87 | 1.903 | 2.188 | $YT100L_1$–4 | 2.2 |
| | | | | 20 | 25280 | 352 | 0.88 | 2.754 | 3.167 | YT112M–4 | 4 |
| | | | | 25 | 31325 | 361 | 0.895 | 3.441 | 3.957 | YT112M–4 | 4 |
| | | | | 30 | 34078 | 388 | 0.88 | 4.091 | 4.705 | YT132S–4 | 5.5 |
| | | | | 35 | 37370 | 483 | 0.86 | 5.716 | 6.573 | YT132M–4 | 7.5 |
| | | 40.2 | 960 | 15 | 12733 | 139 | 0.87 | 0.554 | 0.637 | YT90S–6 | 0.75 |
| | | | | 20 | 16735 | 154 | 0.88 | 0.798 | 0.918 | YT90L–6 | 1.1 |
| | | | | 25 | 20737 | 158 | 0.895 | 0.999 | 1.149 | YT100L–6 | 1.5 |
| | | | | 30 | 22556 | 170 | 0.88 | 1.187 | 1.365 | YT100L–6 | 1.5 |
| | | | | 35 | 24739 | 212 | 0.86 | 1.661 | 1.910 | YT122M–6 | 2.2 |
| 9 | 900 | 45.2 | 960 | 15 | 18132 | 175 | 0.87 | 0.99 | 1.139 | YT100L–6 | 1.5 |
| | | | | 20 | 23830 | 195 | 0.88 | 1.428 | 1.645 | YT122M–6 | 2.2 |
| | | | | 25 | 29529 | 200 | 0.895 | 1.797 | 2.067 | YT132S–6 | 3 |
| | | | | 30 | 32119 | 215 | 0.88 | 2.137 | 2.458 | YT132S–6 | 3 |
| | | | | 35 | 35227 | 268 | 0.86 | 2.990 | 3.439 | YT132M1–6 | 4 |
| 10 | 1000 | 50.3 | 960 | 15 | 24874 | 217 | 0.87 | 1.690 | 1.944 | YT112M–6 | 2.2 |
| | | | | 20 | 32691 | 241 | 0.88 | 2.438 | 2.804 | YT132S–6 | 3 |
| | | | | 25 | 40508 | 247 | 0.895 | 3.044 | 3.504 | $YT132M_1$–6 | 4 |
| | | | | 30 | 44062 | 266 | 0.88 | 3.627 | 4.171 | $YT132M_1$–6 | 4 |
| | | | | 35 | 48326 | 331 | 0.86 | 5.060 | 5.825 | YT160M–6 | 7.5 |
| 11.2 | 1100 | 56.3 | 960 | 15 | 34944 | 272 | 0.87 | 2.975 | 3.421 | $YT132M_1$–6 | 4 |
| | | | | 20 | 45927 | 303 | 0.88 | 4.307 | 4.953 | $YT132M_2$–6 | 5.5 |
| | | | | 25 | 56909 | 310 | 0.895 | 5.368 | 6.173 | YT160M–6 | 7.5 |
| | | | | 30 | 61901 | 344 | 0.88 | 6.571 | 7.557 | YT160M–6 | 7.5 |
| | | | | 35 | 67892 | 415 | 0.86 | 8.922 | 10.260 | YT160L–6 | 11 |

## BT35、DZ-B、BFT35、DZ-BF防爆轴流通风机性能表

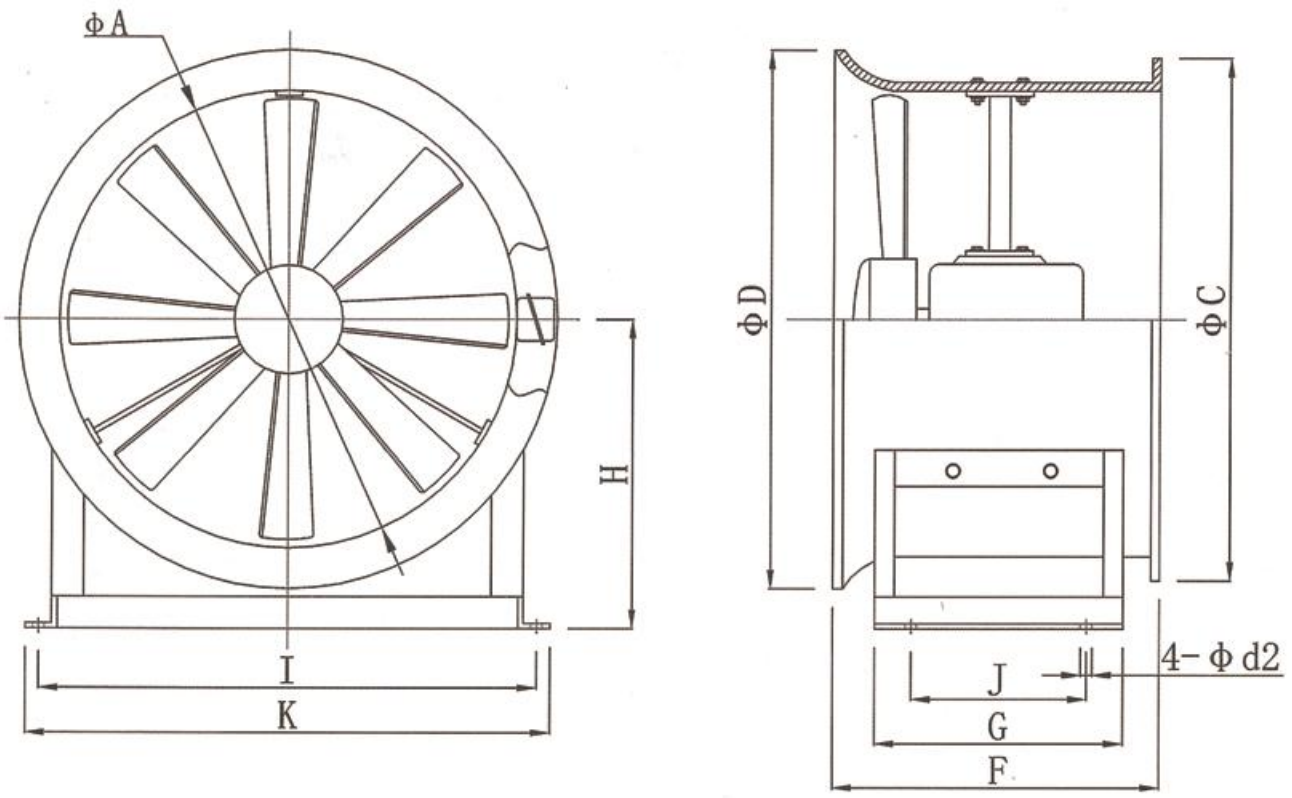
Performance chart of the BT35,DZ-B,BFT35,DZ-BF axial fan

| 机号 Serial number | 叶轮直径 (mm) Impeller diameter | 叶轮周速 (m/s) Impeller periphery speed | 主轴转数 (r/min) Main axle speed | 叶片角度 Blade | 风量 ($m^3$/h) Volume | 全压 (Pa) Total pressure | 全压效率 Total pressure efficiency | 需用轴功率 (kw) Needed shaft power | 采用轴功率 (kw) Used shaft power | 配用电机 Matched motor | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | 型号 Model | 功率 (kw) Power |
| 2.8 | 280 | 42.5 | 2900 | 15 | 1484 | 127 | 0.72 | 0.080 | 0.092 | YBFA-6312 | 0.180 |
| | | | | 20 | 1950 | 143 | 0.73 | 0.115 | 0.133 | YBFA-6312 | 0.180 |
| | | | | 25 | 2416 | 147 | 0.75 | 0.145 | 0.166 | YBFA-6312 | 0.180 |
| | | | | 30 | 2629 | 157 | 0.73 | 0.172 | 0.197 | YBFA-6312 | 0.180 |
| | | | | 35 | 2881 | 196 | 0.71 | 0.240 | 0.276 | YBFA-6312 | 0.250 |
| | | 21.3 | 1450 | 15 | 743 | 32 | 0.72 | 0.010 | 0.012 | YBFA-6314 | 0.120 |
| | | | | 20 | 977 | 36 | 0.73 | 0.015 | 0.017 | YBFA-6314 | 0.120 |
| | | | | 25 | 1211 | 37 | 0.75 | 0.018 | 0.021 | YBFA-6314 | 0.120 |
| | | | | 30 | 1317 | 40 | 0.73 | 0.022 | 0.026 | YBFA-6314 | 0.120 |
| | | | | 35 | 1444 | 51 | 0.71 | 0.031 | 0.036 | YBFA-6314 | 0.120 |
| 3.15 | 315 | 47.0 | 2900 | 15 | 2105 | 163 | 0.72 | 0.144 | 0.166 | YBFA-6312 | 0.180 |
| | | | | 20 | 2766 | 181 | 0.73 | 0.207 | 0.238 | YBFA-6332 | 0.250 |
| | | | | 25 | 3429 | 186 | 0.75 | 0.259 | 0.298 | YBFA-6332 | 0.370 |
| | | | | 30 | 3726 | 201 | 0.73 | 0.309 | 0.355 | YBFA-6332 | 0.370 |
| | | | | 35 | 4090 | 250 | 0.71 | 0.430 | 0.495 | YBFA-7122 | 0.550 |
| | | 23.9 | 1450 | 15 | 1052 | 40 | 0.72 | 0.018 | 0.021 | YBFA-6314 | 0.120 |
| | | | | 20 | 1383 | 45 | 0.73 | 0.026 | 0.030 | YBFA-6314 | 0.120 |
| | | | | 25 | 1714 | 46 | 0.75 | 0.032 | 0.037 | YBFA-6314 | 0.120 |
| | | | | 30 | 1864 | 50 | 0.73 | 0.039 | 0.045 | YBFA-6314 | 0.120 |
| | | | | 35 | 2045 | 62 | 0.71 | 0.053 | 0.061 | YBFA-6314 | 0.120 |
| 3.55 | 355 | 53.9 | 2900 | 15 | 3030 | 205 | 0.72 | 0.261 | 0.300 | YBFA-7112 | 0.370 |
| | | | | 20 | 3983 | 230 | 0.73 | 0.379 | 0.436 | YBFA-7122 | 0.550 |
| | | | | 25 | 4935 | 236 | 0.75 | 0.473 | 0.544 | YBFA-7122 | 0.550 |
| | | | | 30 | 5368 | 255 | 0.73 | 0.564 | 0.649 | YBFA-7132 | 0.750 |
| | | | | 35 | 5887 | 317 | 0.71 | 0.787 | 0.905 | YBFA-8022 | 1.10 |
| | | 27.0 | 1450 | 15 | 1512 | 51 | 0.72 | 0.033 | 0.038 | YBFA-6314 | 0.120 |
| | | | | 20 | 1987 | 54 | 0.73 | 0.047 | 0.054 | YBFA-6314 | 0.120 |
| | | | | 25 | 2493 | 59 | 0.75 | 0.059 | 0.068 | YBFA-6314 | 0.120 |
| | | | | 30 | 2679 | 63 | 0.73 | 0.070 | 0.081 | YBFA-6314 | 0.120 |
| | | | | 35 | 2938 | 78 | 0.71 | 0.098 | 0.113 | YBFA-6314 | 0.120 |
| 4 | 400 | 60.7 | 2900 | 15 | 4325 | 263 | 0.72 | 0.475 | 0.546 | YBFA-7122 | 0.550 |
| | | | | 20 | 5684 | 293 | 0.73 | 0.688 | 0.791 | YBFA-8022 | 1.10 |
| | | | | 25 | 7043 | 300 | 0.75 | 0.859 | 0.908 | YBFA-8022 | 1.10 |
| | | | | 30 | 7661 | 322 | 0.73 | 1.021 | 1.175 | YBFA-8022 | 1.10 |
| | | | | 35 | 8402 | 402 | 0.71 | 1.427 | 1.641 | YBFA-90S2 | 1.50 |
| | | 30.4 | 1450 | 15 | 2165 | 66 | 0.72 | 0.059 | 0.068 | YBFA-6314 | 0.120 |
| | | | | 20 | 2846 | 73 | 0.73 | 0.086 | 0.099 | YBFA-6314 | 0.120 |
| | | | | 25 | 3528 | 74 | 0.75 | 0.017 | 0.123 | YBFA-6314 | 0.120 |
| | | | | 30 | 3836 | 80 | 0.73 | 0.128 | 0.147 | YBFA-6324 | 0.180 |
| | | | | 35 | 4208 | 100 | 0.71 | 0.179 | 0.206 | YBFA-7114 | 0.250 |
| 4.5 | 450 | 34.2 | 1450 | 15 | 3084 | 83 | 0.72 | 0.107 | 0.123 | YBFA-6314 | 0.120 |
| | | | | 20 | 4053 | 93 | 0.73 | 0.156 | 0.179 | YBFA-6324 | 0.180 |
| | | | | 25 | 5022 | 95 | 0.75 | 0.195 | 0.224 | YBFA-7114 | 0.250 |
| | | | | 30 | 5463 | 102 | 0.73 | 0.231 | 0.266 | YBFA-7124 | 0.370 |
| | | | | 35 | 5992 | 127 | 0.71 | 0.322 | 0.370 | YBFA-7124 | 0.370 |
| 5 | 500 | 38.0 | 1450 | 15 | 4230 | 103 | 0.72 | 0.182 | 0.21 | YBFA-7114 | 0.250 |
| | | | | 20 | 5560 | 115 | 0.73 | 0.264 | 0.303 | YBFA-7124 | 0.370 |
| | | | | 25 | 6889 | 117 | 0.75 | 0.328 | 0.370 | YBFA-7124 | 0.370 |
| | | | | 30 | 7494 | 126 | 0.73 | 0.392 | 0.450 | YBFA-8014 | 0.550 |
| | | | | 35 | 8219 | 157 | 0.71 | 0.546 | 0.628 | YBFA-8024 | 0.750 |
| | | 25.1 | 960 | 15 | 2827 | 44 | 0.72 | 0.053 | 0.061 | YBFA-8026 | 0.370 |
| | | | | 20 | 3716 | 50 | 0.73 | 0.076 | 0.088 | YBFA-8026 | 0.370 |
| | | | | 25 | 4605 | 51 | 0.75 | 0.096 | 0.111 | YBFA-8026 | 0.370 |
| | | | | 30 | 5009 | 55 | 0.73 | 0.114 | 0.131 | YBFA-8026 | 0.370 |
| | | | | 35 | 5429 | 69 | 0.71 | 0.160 | 0.184 | YBFA-8026 | 0.370 |

# BT35、DZ-B、BFT35、DZ-BF防爆轴流通风机性能表

Performance chart of the BT35,DZ-B,BFT35,DZ-BF axial fan

| 机号 Serial number | 叶轮直径 (mm) Impeller diameter | 叶轮周速 (m/s) Impeller periphery speed | 主轴转数 (r/min) Main axle speed | 叶片角度 Blade | 风量 ($m^3/h$) Volume | 全压 (Pa) Total pressure | 全压效率 Total pressure efficiency | 需用轴功率 (kw) Needed shaft power | 采用轴功率 (kw) Used shaft power | 配用电机 Matched motor | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | 型号 Model | 功率 (kw) Power |
| 5.6 | 560 | 42.5 | 1450 | 15 | 5935 | 128 | 0.72 | 0.318 | 0.365 | YBFA-7124 | 0.370 |
| | | | | 20 | 7800 | 143 | 0.73 | 0.461 | 0.530 | YBFA-8014 | 0.550 |
| | | | | 25 | 9665 | 147 | 0.75 | 0.578 | 0.665 | YBFA-8024 | 0.750 |
| | | | | 30 | 10513 | 158 | 0.73 | 0.687 | 0.790 | YBFA-90S4 | 1.1 |
| | | | | 35 | 11530 | 197 | 0.71 | 0.961 | 1.1 | YBFA-90S4 | 1.1 |
| | | 28.1 | 960 | 15 | 3924 | 56 | 0.72 | 0.093 | 0.106 | YBFA-8026 | 0.370 |
| | | | | 20 | 5157 | 62 | 0.73 | 0.133 | 0.153 | YBFA-8026 | 0.370 |
| | | | | 25 | 6390 | 64 | 0.75 | 0.166 | 0.191 | YBFA-8026 | 0.370 |
| | | | | 30 | 6951 | 69 | 0.73 | 0.198 | 0.228 | YBFA-8026 | 0.370 |
| | | | | 35 | 7623 | 85 | 0.71 | 0.276 | 0.318 | YBFA-8026 | 0.370 |
| 6.3 | 630 | 47.8 | 1450 | 15 | 8453 | 163 | 0.72 | 0.576 | 0.662 | YBFA-8024 | 0.750 |
| | | | | 20 | 11110 | 181 | 0.73 | 0.833 | 0.958 | YBFA-90S4 | 1.1 |
| | | | | 25 | 13767 | 186 | 0.75 | 1.043 | 1.199 | YBFA-90L4 | 1.5 |
| | | | | 30 | 14975 | 200 | 0.73 | 1.241 | 1.427 | YBFA-90L4 | 1.5 |
| | | | | 35 | 16425 | 250 | 0.71 | 1.734 | 1.994 | YBFA-100$L_1$-4 | 2.2 |
| | | 31.7 | 960 | 15 | 5597 | 72 | 0.72 | 0.167 | 0.192 | YBFA-8026 | 0.370 |
| | | | | 20 | 7355 | 79 | 0.73 | 0.245 | 0.249 | YBFA-8026 | 0.370 |
| | | | | 25 | 9115 | 81 | 0.75 | 0.302 | 0.347 | YBFA-8026 | 0.370 |
| | | | | 30 | 9914 | 88 | 0.73 | 0.361 | 0.415 | YBFA-90S6 | 0.750 |
| | | | | 35 | 10873 | 109 | 0.71 | 0.501 | 0.576 | YBFA-90S6 | 0.750 |
| 7.1 | 710 | 53.9 | 1450 | 15 | 12099 | 207 | 0.72 | 1.048 | 1.205 | YBFA-90L4 | 1.5 |
| | | | | 20 | 15903 | 230 | 0.73 | 1.515 | 1.742 | YBFA-100$L_1$-4 | 2.2 |
| | | | | 25 | 19705 | 236 | 0.75 | 1.892 | 2.176 | YBFA-100$L_1$-4 | 2.2 |
| | | | | 30 | 21433 | 255 | 0.73 | 2.255 | 2.593 | YBFA-100$L_2$-4 | 3 |
| | | | | 35 | 23508 | 317 | 0.71 | 3.143 | 3.614 | YBFA112M-4 | 4 |
| | | 36.7 | 960 | 15 | 8011 | 91 | 0.72 | 0.307 | 0.355 | YBFA-90L4 | 0.750 |
| | | | | 20 | 10530 | 101 | 0.73 | 0.442 | 0.508 | YBFA-100$L_1$-4 | 0.750 |
| | | | | 25 | 13048 | 104 | 0.75 | 0.551 | 0.633 | YBFA-100$L_1$-4 | 0.750 |
| | | | | 30 | 14192 | 111 | 0.73 | 0.654 | 0.752 | YBFA-100$L_2$-4 | 0.750 |
| | | | | 35 | 15566 | 138 | 0.71 | 0.915 | 1.052 | YBFA112M-4 | 1.1 |
| 8 | 800 | 60.7 | 1450 | 15 | 17315 | 263 | 0.72 | 1.903 | 2.188 | YBFA-100$L_1$-4 | 2.2 |
| | | | | 20 | 22752 | 293 | 0.73 | 2.754 | 3.167 | YBFA112M-4 | 4 |
| | | | | 25 | 28192 | 300 | 0.75 | 3.441 | 3.957 | YBFA112M-4 | 4 |
| | | | | 30 | 30665 | 322 | 0.73 | 4.091 | 4.705 | YBFA132S-4 | 5.5 |
| | | | | 35 | 33633 | 402 | 0.71 | 5.716 | 6.573 | YBFA132M-4 | 7.5 |
| | | 40.2 | 960 | 15 | 11459 | 116 | 0.72 | 0.554 | 0.637 | YBFA-90S6 | 0.750 |
| | | | | 20 | 15061 | 127 | 0.73 | 0.798 | 0.918 | YBFA-90L6 | 1.1 |
| | | | | 25 | 18663 | 131 | 0.75 | 0.999 | 1.149 | YBFA100L-6 | 1.5 |
| | | | | 30 | 20300 | 141 | 0.73 | 1.187 | 1.365 | YBFA100L-6 | 1.5 |
| | | | | 35 | 22265 | 176 | 0.71 | 1.661 | 1.910 | YBFA112M-6 | 2.2 |
| 9 | 900 | 45.2 | 960 | 15 | 16318 | 145 | 0.72 | 0.99 | 1.139 | YBFA100L-6 | 1.5 |
| | | | | 20 | 21447 | 162 | 0.73 | 1.438 | 1.645 | YBFA112M-6 | 2.2 |
| | | | | 25 | 26576 | 167 | 0.75 | 1.797 | 2.067 | YBFA112M-6 | 2.2 |
| | | | | 30 | 28907 | 178 | 0.73 | 2.137 | 2.458 | YBFA132M-6 | 3 |
| | | | | 35 | 31704 | 222 | 0.71 | 2.990 | 3.439 | YBFA132$M_1$-6 | 4 |
| 10 | 1000 | 50.3 | 960 | 15 | 22386 | 180 | 0.72 | 1.690 | 1.944 | YBFA132M-6 | 2.2 |
| | | | | 20 | 29421 | 200 | 0.73 | 2.438 | 2.804 | YBFA132M-6 | 3 |
| | | | | 25 | 36457 | 205 | 0.75 | 3.044 | 3.501 | YBFA132$M_1$-6 | 4 |
| | | | | 30 | 39655 | 221 | 0.73 | 3.627 | 4.171 | YBFA132$M_1$-6 | 4 |
| | | | | 35 | 43493 | 275 | 0.71 | 5.060 | 5.825 | YBFA160M-6 | 7.5 |
| 11.2 | 1120 | 56.3 | 960 | 15 | 31449 | 226 | 0.72 | 2.975 | 3.421 | YBFA132$M_1$-6 | 4 |
| | | | | 20 | 41334 | 252 | 0.73 | 4.307 | 4.953 | YBFA132$M_2$-6 | 5.5 |
| | | | | 25 | 51218 | 258 | 0.75 | 5.368 | 6.173 | YBFA160M-6 | 7.5 |
| | | | | 30 | 55710 | 286 | 0.73 | 6.571 | 7.557 | YBFA160M-6 | 7.5 |
| | | | | 35 | 61102 | 345 | 0.71 | 8.922 | 10.260 | YBFA160L-6 | 11 |




## 无因次性能表

Dimensionless performance chart

| 叶片角度 Blade angle | 15° | 20° | 25° | 30° | 35° |
|---|---|---|---|---|---|
| 流量系数 Discharge coefficient | 0.175 | 0.23 | 0.285 | 0.31 | 0.34 |
| 压力系数 Pressure coefficient | 0.07 | 0.078 | 0.080 | 0.086 | 0.107 |
| 全压效率 Total pressure efficiency | 0.87 | 0.88 | 0.895 | 0.88 | 0.86 |

## T35-11、FT35-11、BT35-11、BFT35-11外型及安装尺寸

Outlook and installation size of T30-11,FT35-11,BT35-11

| 尺寸 Size / 机号NO Serial number | A | C | D | F | G | H | I | J | K | $d_2$ |
|---|---|---|---|---|---|---|---|---|---|---|
| 2.8 | 283 | 346 | 355 | 258 | 212 | 220 | 290 | 175 | 320 | 12 |
| 3.15 | 318 | 381 | 400 | 282 | 232 | 240 | 330 | 190 | 360 | 12 |
| 3.55 | 358 | 422 | 450 | 327 | 270 | 260 | 370 | 230 | 400 | 12 |
| 4 | 404 | 478 | 500 | 349 | 280 | 290 | 410 | 240 | 450 | 12 |
| 4.5 | 454 | 528 | 560 | 354 | 280 | 330 | 460 | 240 | 500 | 12 |
| 5 | 504 | 588 | 630 | 364 | 290 | 370 | 470 | 240 | 510 | 12 |
| 5.6 | 564 | 649 | 710 | 404 | 318 | 390 | 530 | 270 | 570 | 14 |
| 6.3 | 634 | 719 | 800 | 474 | 378 | 440 | 585 | 320 | 620 | 14 |
| 7.1 | 715 | 800 | 900 | 494 | 388 | 490 | 760 | 330 | 800 | 14 |
| 8 | 805 | 891 | 960 | 579 | 468 | 550 | 830 | 380 | 870 | 18 |
| 9 | 905 | 1001 | 1120 | 648 | 526 | 610 | 910 | 440 | 950 | 18 |
| 10 | 1006 | 1103 | 1250 | 753 | 616 | 670 | 990 | 505 | 1040 | 22 |
| 11.2 | 1126 | 1223 | 1400 | 838 | 686 | 750 | 1180 | 580 | 1230 | 22 |

地脚螺栓用户自备

The users should supply foot bolt by themselves.

# DWT型屋顶风机
## WDT Roof Fan

### 概述
Outline

DWT型屋顶风机是我公司在BDW87-3、DWT系列屋顶风机的基础上同中国基础建筑科学院空气调节研究所、电力部华北电力设计院共同研制开发的另一种强制通风的理想产品。它广泛应用于电力、石油、化工、冶金、机械和纺织等工作领域中，同时也适用于候机（车）厅、室内游泳馆、体育馆、演播厅、商场、仓储和民用场合的强制通风。

该系列产品已获全国工业产品生产许可证，编号：XK06-015-00408。

The YDTW roof fan is a kind of forced draft ideal product that is designed and developed by our company , Air Conditioning Research Institute of China Foundation Construction Division and China Northern Electric Power Design Institute of National Power Ministry. It is widely applied in work places such as electric power , petroleum, chemical industry, metallurgy , machinery and spinning and weaving , is suitable in waiting halls , room natatorium,stadium,market,stores and storehouse for a forced draft at thesame time .



### 结构特点
Feature

DWT型屋顶风机根据不同的空气动力特性分为DWT－Ⅰ型和DWT－Ⅱ型，使该风机的风量覆盖面达到1000$m^3$/h–400000$m^3$/h为用户提供了宽阔的选择余地。 用户可根据使用条件选择合适的机型。

DWT型屋顶风机按室外气候条件设计，机壳和蘑菇型风帽用玻璃钢材料，可抵御雪雨和潮湿大气的侵蚀，电机和金属构件也采取了严密的防腐措施；进风口处可配备能自动开闭的百叶风门，风机运转时开启，停止运转时关闭，百叶风门为风机附件，由用户在定货时选用；风机叶片是经过精密设计的机翼形，采用精细加工工艺，具有良好的空气性能；叶轮成型后，要逐个进行静、动平衡检验，以确保风机运行的平稳可靠；电机和叶轮的支撑结构为专利设计，在支撑电机和叶轮的同时，作为叶轮的后导流机构，可减少出口气流的周向旋转，显著提高风机效率；机壳和风帽采用流线型设计，外表面使用胶衣树脂膜，使风机外观光洁、色泽均匀、美观大方；根据用户要求，可提供防爆型和防火型，以满足用户的特殊需求。

DWT系列屋顶通风机已在秦皇岛热电厂、中央电视台、首都国际机场候机楼和大亚湾核电站等多项国家和地区的重点工程中使用，行销于国内二十多个省、市和自治区，并出口俄罗斯、越南和伊朗等国家和地区，具有良好的市场声誉。

DWT系列屋顶风机经国家空调设备质量监督检验测试中心检测，各项性能指标达到有关国家标准和行业标准的要求。 DWT系列屋顶通风机经电力工业部考核，在全国电力系统推广应用。

注：配用电机为三相。

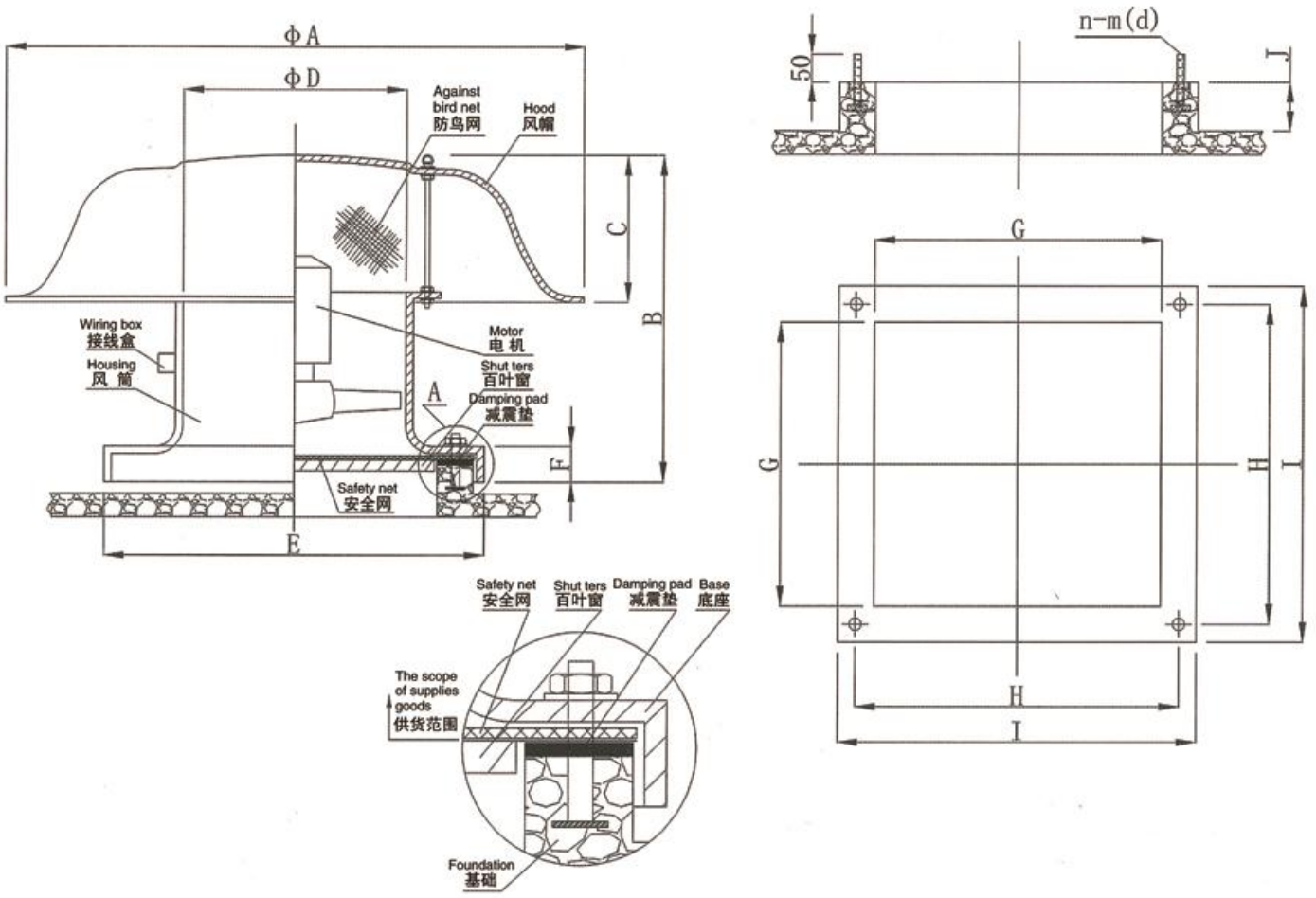
The DWT roof fan is divided into DWT-I and DWT-II,basis on different aerodynamic characteristics.Let the volume cover 1000$m^3$/H-400000$m^3$/h,provide a broadchoice for users.The user may choose an appropriate type according to the exploitation conditions.

The cabinet and mushroom hat of the DWT roof fan is made of glass fiber reinforced plastic material according to outdoor climatic conditions,they may resist snow rain and moist atmospheric corrosion,the motor and the metal parts are taken a strict anticorrosion measure.The inlet place may provide an automatic air throttle,closes when turns off,it is an appendix,selected by user when ordering.The leaf blade is the wing form and passed through precise design,has the good air performance.After impeller shape taken,act and still equilibrium examination must be carried on to make sure the fan moves reliably.The supporting structure of motor and impeller is a patent design,while supporting the motor and impeller,may serve as current backward and reduce the periphery revolving at the outlet and enhance its efficiency.The cabinet and the hat adopt a streamline form design,the outside surface use rubber clothes resin membrane,bright and clean.According to the user request,may provide the explosion-proof and the fire protection to satisfy the special demand of the user.

The DWT series roof fan has already been used in Qinhangdao Thermal Power Plant,Central Committee Television,Capital International Airport and the Daya Bay Nuclear Power Station. Sold to more than 20 provinces in domestic,and exported to Russia,Vietnam and Iran and so on,has won a good market prestige.

The DWT series roof fan has passed the center examination by the National Air Conditioning Equipment Quality Surveillance,each performance has achieved the related national standard and the profession request.The YDTW series roof fan has inspected by Electric Power Industry Ministry,and applied in nation electrical power system.

Note:The matched motor is three-phases.




## DWT 型屋顶风机性能安装外形尺寸表

Performance and installation external dimensions of the DWT power roof fan

| 机号 Serial number | 风机外形尺寸 Outlook | | | | | | 风机基础尺寸 Foundation | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I | J | n | d |
| No.3 | 850 | 510 | 220 | 312 | 580 | 50 | 400 | 480 | 560 | 100 | 4 | 10 |
| No.4 | 850 | 550 | 240 | 412 | 680 | 50 | 470 | 565 | 660 | 100 | 4 | 12 |
| No.5 | 1200 | 690 | 290 | 512 | 850 | 50 | 600 | 725 | 820 | 100 | 4 | 12 |
| No.6 | 1300 | 750 | 330 | 600 | 1020 | 80 | 750 | 850 | 980 | 130 | 4 | 12 |
| No.7 | 1300 | 780 | 350 | 700 | 1020 | 80 | 800 | 900 | 980 | 130 | 4 | 12 |
| No.8 | 1600 | 950 | 450 | 812 | 1280 | 100 | 1000 | 1130 | 1230 | 150 | 4 | 14 |
| No.9 | 1600 | 1000 | 360 | 900 | 1310 | 100 | 1000 | 1150 | 1270 | 150 | 4 | 14 |
| No.10 | 2000 | 1100 | 440 | 1000 | 1470 | 100 | 1150 | 1300 | 1430 | 150 | 4 | 14 |
| No.11.2 | 2300 | 1430 | 650 | 1132 | 1550 | 120 | 1200 | 1350 | 1500 | 170 | 8 | 16 |
| No.12.5 | 2630 | 1525 | 800 | 1262 | 1740 | 120 | 1400 | 1550 | 1700 | 170 | 8 | 16 |
| No.14 | 2730 | 1662 | 880 | 1412 | 1910 | 150 | 1580 | 1730 | 1880 | 200 | 8 | 18 |
| No.15 | 2940 | 1720 | 870 | 1512 | 2020 | 150 | 1700 | 1850 | 2000 | 200 | 8 | 18 |
| No.16 | 3130 | 1776 | 926 | 1612 | 2170 | 150 | 1825 | 1975 | 2100 | 200 | 8 | 20 |
| No.18 | 3348 | 1990 | 990 | 1812 | 2380 | 150 | 2030 | 2180 | 2300 | 200 | 8 | 20 |
| No.20 | 3720 | 2200 | 1100 | 2012 | 2560 | 150 | 2200 | 2390 | 2500 | 200 | 8 | 20 |
| No.22 | 4100 | 2420 | 1270 | 2212 | 2820 | 150 | 2400 | 2600 | 2800 | 200 | 8 | 22 |
| No.24 | 4400 | 2640 | 1380 | 2412 | 3020 | 150 | 2700 | 2900 | 3000 | 200 | 8 | 22 |
| No.28 | 5200 | 3000 | 1610 | 2812 | 3590 | 150 | 3220 | 3395 | 3570 | 200 | 8 | 22 |
| No.32 | 5800 | 3400 | 1840 | 3212 | 4100 | 150 | 3680 | 3880 | 4080 | 200 | 8 | 22 |

# DWT–1型风机技术参数

Parameter of DWT-1 fan

| 机号 No. Serial number | 叶轮直径（mm） Impeller diameter | 转速(r / min) !Speed | 叶片安装角度(°) Installation angle | 参考流量($m^3$ / h) Current capacity | 参考全压(Pa) Total pressure for reference | 实际消耗功率(Kw) Actual consumed power | 配用电机功率(Kw) Matched motor power | 重量（kg) Weight | 噪声dB(A) Noise |
|---|---|---|---|---|---|---|---|---|---|
| 3T | 300 | 2900 | 15 | 2340 | 252 | 0.24 | 0.37 | 24 | 66 |
| | | | | 3220 | 191 | | | | |
| | | | | 3660 | 138 | | | | |
| 3F | | 1450 | 20 | 1493 | 103 | 0.06 | 0.06 | 28 | 52 |
| | | | | 2054 | 78 | | | | |
| | | | | 2335 | 56 | | | | |
| 3S | | 970 | 25 | 1143 | 60 | 0.03 | 0.06 | 30 | 48 |
| | | | | 1573 | 46 | | | | |
| | | | | 1788 | 33 | | | | |
| 4T | 400 | 2900 | 15 | 4517 | 297 | 0.54 | 0.75 | 31 | 70 |
| | | | | 6215 | 225 | | | | |
| | | | | 7064 | 163 | | | | |
| 4F | | 1450 | 20 | 2892 | 122 | 0.14 | 0.25 | 32 | 65 |
| | | | | 3980 | 92 | | | | |
| | | | | 4524 | 67 | | | | |
| 4S | | 970 | 25 | 2219 | 72 | 0.06 | 0.12 | 35 | 53 |
| | | | | 3053 | 54 | | | | |
| | | | | 3470 | 39 | | | | |
| 5F | 500 | 1450 | 15 | 6053 | 218 | 0.53 | 0.55 | 50 | 67 |
| | | | | 8331 | 165 | | | | |
| | | | | 9468 | 120 | | | | |
| 5S | | 970 | 20 | 5008 | 150 | 0.3 | 0.37 | 55 | 63 |
| | | | | 6893 | 113 | | | | |
| | | | | 7834 | 82 | | | | |
| 5E | | 720 | 25 | 4036 | 97 | 0.16 | 0.25 | 61 | 57 |
| | | | | 5555 | 74 | | | | |
| | | | | 6313 | 53 | | | | |
| 6F | 600 | 1450 | 15 | 10459 | 314 | 1.32 | 1.5 | 62 | 73 |
| | | | | 14396 | 238 | | | | |
| | | | | 16361 | 172 | | | | |
| 6S | | 970 | 20 | 8654 | 215 | 0.75 | 0.75 | 60 | 65 |
| | | | | 11911 | 163 | | | | |
| | | | | 13537 | 118 | | | | |
| 6E | | 720 | 25 | 6974 | 140 | 0.39 | 0.55 | 68 | 61 |
| | | | | 9599 | 106 | | | | |
| | | | | 10910 | 77 | | | | |
| 7S | 700 | 970 | 15 | 12337 | 236 | 1.17 | 1.5 | 98 | 68 |
| | | | | 16981 | 179 | | | | |
| | | | | 19299 | 129 | | | | |
| 7E | | 720 | 20 | 9982 | 155 | 0.62 | 0.75 | 99 | 62 |
| | | | | 13739 | 117 | | | | |
| | | | | 15615 | 85 | | | | |
| 7N | | 560 | 25 | 8053 | 101 | 0.33 | 0.37 | 98 | 58 |
| | | | | 11084 | 76 | | | | |
| | | | | 12597 | 55 | | | | |
| 8S | 800 | 970 | 15 | 17716 | 285 | 2.03 | 2.2 | 125 | 73 |
| | | | | 24384 | 216 | | | | |
| | | | | 27713 | 156 | | | | |
| 8E | | 720 | 20 | 14286 | 186 | 1.07 | 1.5 | 125 | 67 |
| | | | | 19664 | 141 | | | | |
| | | | | 22348 | 102 | | | | |
| 8N | | 560 | 25 | 11539 | 121 | 0.56 | 0.75 | 120 | 64 |
| | | | | 15882 | 92 | | | | |
| | | | | 18050 | 66 | | | | |
| 9S | 900 | 970 | 15 | 24076 | 329 | 3.18 | 4 | 165 | 77 |
| | | | | 33138 | 249 | | | | |
| | | | | 37661 | 180 | | | | |
| 9E | | 720 | 20 | 19547 | 217 | 1.7 | 2.2 | 155 | 72 |
| | | | | 26904 | 164 | | | | |
| | | | | 30576 | 119 | | | | |
| 9N | | 560 | 25 | 15733 | 141 | 0.89 | 1.1 | 160 | 67 |
| | | | | 21654 | 106 | | | | |
| | | | | 24610 | 77 | | | | |
| 10S | 1000 | 970 | 15 | 31881 | 379 | 4.86 | 5.5 | 225 | 80 |
| | | | | 43881 | 287 | | | | |
| | | | | 49871 | 207 | | | | |
| 10E | | 720 | 20 | 25832 | 249 | 2.58 | 3 | 215 | 76 |
| | | | | 35555 | 188 | | | | |
| | | | | 40409 | 136 | | | | |
| 10N | | 560 | 25 | 20927 | 163 | 1.38 | 1.5 | 105 | 70 |
| | | | | 28804 | 124 | | | | |
| | | | | 32736 | 89 | | | | |

## DWT–1型风机技术参数

Parameter of DWT-1 fan

| 机号 No. Serial number | 叶轮直径（mm） Impeller diameter | 转速(r / min) !Speed | 叶片安装角度(°) Installation angle | 参考流量($m^3$ / h) Current capacity | 参考全压(Pa) Total pressure for reference | 实际消耗功率(Kw) Actual consumed power | 配用电机功率(Kw) Matched motor power | 重量（kg) Weight | 噪声dB(A) Noise |
|---|---|---|---|---|---|---|---|---|---|
| 11.2S | 1120 | 970 | 15 | 33795 | 323 | 4.08 | 5.56 | 325 | 980 |
| | | | | 43700 | 242 | | | | |
| | | | | 48556 | 168 | | | | |
| | | | 20 | 36012 | 337 | 4.71 | 5.5 | | |
| | | | | 47309 | 258 | | | | |
| | | | | 54067 | 178 | | | | |
| | | | 25 | 38360 | 348 | 5.38 | 5.5 | | |
| | | | | 52798 | 264 | | | | |
| | | | | 60005 | 191 | | | | |
| 11.2E | 1120 | 720 | 15 | 27115 | 208 | 2.11 | 2.2 | 325 | 76 |
| | | | | 35062 | 156 | | | | |
| | | | | 38958 | 108 | | | | |
| | | | 20 | 29063 | 219 | 2.48 | 3 | | |
| | | | | 38179 | 168 | | | | |
| | | | | 43633 | 116 | | | | |
| | | | 25 | 31009 | 228 | 2.83 | 3 | | |
| | | | | 42681 | 172 | | | | |
| | | | | 48507 | 125 | | | | |
| 11.2N | 1120 | 560 | 15 | 21417 | 130 | 1.04 | 1.1 | 300 | 71 |
| | | | | 27694 | 97 | | | | |
| | | | | 30771 | 67 | | | | |
| | | | 20 | 22829 | 135 | 1.20 | 1.5 | | |
| | | | | 29990 | 104 | | | | |
| | | | | 34274 | 72 | | | | |
| | | | 25 | 24486 | 142 | 1.39 | 1.5 | | |
| | | | | 33702 | 107 | | | | |
| | | | | 38302 | 78 | | | | |
| 12.5S | 1250 | 970 | 15 | 49167 | 441 | 8.12 | 11 | 490 | 81 |
| | | | | 63578 | 331 | | | | |
| | | | | 70643 | 229 | | | | |
| | | | 20 | 52407 | 459 | 9.35 | 11 | | |
| | | | | 68845 | 352 | | | | |
| | | | | 78680 | 243 | | | | |
| | | | 25 | 55563 | 471 | 10.6 | 15 | | |
| | | | | 76475 | 357 | | | | |
| | | | | 86915 | 258 | | | | |
| 12.5E | 1250 | 720 | 15 | 39334 | 282 | 4.16 | 5.5 | 455 | 76 |
| | | | | 50863 | 212 | | | | |
| | | | | 56514 | 146 | | | | |
| | | | 20 | 41867 | 293 | 4.78 | 5.5 | | |
| | | | | 54999 | 225 | | | | |
| | | | | 62856 | 155 | | | | |
| | | | 25 | 44386 | 301 | 5.38 | 7.5 | | |
| | | | | 61092 | 228 | | | | |
| | | | | 69432 | 165 | | | | |
| 12.5N | 1250 | 560 | 15 | 30593 | 171 | 1.95 | 2.2 | 420 | 73 |
| | | | | 39560 | 128 | | | | |
| | | | | 43955 | 89 | | | | |
| | | | 20 | 32381 | 175 | 2.20 | 3 | | |
| | | | | 42538 | 134 | | | | |
| | | | | 48615 | 93 | | | | |
| | | | 25 | 34487 | 181 | 2.51 | 3 | | |
| | | | | 47458 | 137 | | | | |
| | | | | 53947 | 99 | | | | |
| 14E | 1400 | 720 | 15 | 50656 | 297 | 5.64 | 7.5 | 505 | 77 |
| | | | | 65503 | 223 | | | | |
| | | | | 72782 | 154 | | | | |
| | | | 20 | 53884 | 309 | 6.47 | 7.5 | | |
| | | | | 70786 | 237 | | | | |
| | | | | 80898 | 163 | | | | |
| | | | 25 | 57425 | 320 | 7.38 | 7.5 | | |
| | | | | 79083 | 242 | | | | |
| | | | | 89828 | 175 | | | | |
| 14W | 1400 | 480 | 15 | 40678 | 192 | 2.92 | 4 | 495 | 68 |
| | | | | 52601 | 144 | | | | |
| | | | | 58446 | 100 | | | | |
| | | | 20 | 43189 | 198 | 3.33 | 4 | | |
| | | | | 56737 | 152 | | | | |
| | | | | 64842 | 105 | | | | |
| | | | 25 | 46421 | 209 | 3.90 | 4 | | |
| | | | | 63893 | 158 | | | | |
| | | | | 72614 | 115 | | | | |

# DWT–1型风机技术参数

Parameter of DWT-1 fan

| 机号 No. Serial number | 叶轮直径（mm） Impeller diameter | 转速(r / min) !Speed | 叶片安装角度(°) Installation angle | 参考流量($m^3$ / h) Current capacity | 参考全压(Pa) Total pressure for reference | 实际消耗功率(Kw) Actual consumed power | 配用电机功率(Kw) Matched motor power | 重量（kg) Weight | 噪声dB(A) Noise |
|---|---|---|---|---|---|---|---|---|---|
| 15E | 1500 | 720 | 15 | 53337 | 250 | 5.00 | 5.5 | 565 | 78 |
| | | | | 68970 | 188 | | | | |
| | | | | 76633 | 130 | | | | |
| | | | 20 | 56662 | 259 | 5.69 | 7.5 | | |
| | | | | 74436 | 198 | | | | |
| | | | | 85069 | 137 | | | | |
| | | | 25 | 60161 | 267 | 6.42 | 7.5 | | |
| | | | | 82804 | 201 | | | | |
| | | | | 94108 | 146 | | | | |
| 15W | 1500 | 480 | 15 | 44368 | 173 | 1.88 | 3 | 555 | 69 |
| | | | | 57373 | 130 | | | | |
| | | | | 63748 | 90 | | | | |
| | | | 20 | 47556 | 182 | 3.88 | 4 | | |
| | | | | 62473 | 140 | | | | |
| | | | | 71398 | 97 | | | | |
| | | | 25 | 50585 | 188 | 3.82 | 4 | | |
| | | | | 69619 | 142 | | | | |
| | | | | 79122 | 103 | | | | |
| 16E | 1600 | 720 | 15 | 66220 | 298 | 7.37 | 7.5 | 665 | 80 |
| | | | | 85630 | 223 | | | | |
| | | | | 95144 | 155 | | | | |
| | | | 20 | 70363 | 309 | 8.42 | 11 | | |
| | | | | 92435 | 236 | | | | |
| | | | | 105640 | 163 | | | | |
| | | | 25 | 74408 | 315 | 9.41 | 11 | | |
| | | | | 102414 | 238 | | | | |
| | | | | 116394 | 173 | | | | |
| 16W | 1600 | 480 | 15 | 52701 | 189 | 3.73 | 4 | 615 | 74 |
| | | | | 68148 | 142 | | | | |
| | | | | 75720 | 98 | | | | |
| | | | 20 | 56242 | 197 | 4.31 | 5.5 | | |
| | | | | 73883 | 151 | | | | |
| | | | | 84438 | 104 | | | | |
| | | | 25 | 59527 | 202 | 4.81 | 5.5 | | |
| | | | | 81931 | 152 | | | | |
| | | | | 93116 | 111 | | | | |
| 16X | 1600 | 320 | 15 | 43536 | 129 | 2.11 | 2.2 | 620 | 68 |
| | | | | 56296 | 97 | | | | |
| | | | | 62551 | 67 | | | | |
| | | | 20 | 46418 | 134 | 2.42 | 3 | | |
| | | | | 60978 | 103 | | | | |
| | | | | 69689 | 71 | | | | |
| | | | 25 | 49295 | 138 | 2.72 | 3 | | |
| | | | | 67849 | 104 | | | | |
| | | | | 77111 | 76 | | | | |
| 18E | 1800 | 720 | 15 | 84825 | 305 | 9.69 | 11 | 925 | 81 |
| | | | | 109688 | 229 | | | | |
| | | | | 121875 | 158 | | | | |
| | | | 20 | 90045 | 315 | 11.0 | 11 | | |
| | | | | 118289 | 242 | | | | |
| | | | | 135188 | 167 | | | | |
| | | | 25 | 95350 | 323 | 12.4 | 15 | | |
| | | | | 131238 | 244 | | | | |
| | | | | 149153 | 177 | | | | |
| 18W | 1800 | 480 | 15 | 65250 | 181 | 4.40 | 5.5 | 955 | 72 |
| | | | | 84375 | 135 | | | | |
| | | | | 93750 | 94 | | | | |
| | | | 20 | 69937 | 190 | 5.18 | 5.5 | | |
| | | | | 91875 | 146 | | | | |
| | | | | 105000 | 101 | | | | |
| | | | 25 | 74161 | 195 | 5.83 | 7.5 | | |
| | | | | 102074 | 148 | | | | |
| | | | | 116008 | 107 | | | | |

## DWT–1型风机技术参数

Parameter of DWT-1 fan

| 机号 No. Serial number | 叶轮直径（mm） Impeller diameter | 转速(r / min) !Speed | 叶片安装角度(°) Installation angle | 参考流量($m^3$ / h) Current capacity | 参考全压(Pa) Total pressure for reference | 实际消耗功率(Kw) Actual consumed power | 配用电机功率(Kw) Matched motor power | 重量（kg) Weight | 噪声dB(A) Noise |
|---|---|---|---|---|---|---|---|---|---|
| 18X | 1800 | 320 | 15 | 53831 | 123 | 2.47 | 3 | 855 | 66 |
| | | | | 69609 | 92 | | | | |
| | | | | 77344 | 64 | | | | |
| | | | 20 | 57349 | 128 | 2.85 | 3 | | |
| | | | | 75337 | 98 | | | | |
| | | | | 86100 | 68 | | | | |
| | | | 25 | 60918 | 132 | 3.24 | 4 | | |
| | | | | 83847 | 100 | | | | |
| | | | | 95292 | 72 | | | | |
| 20W | 2000 | 480 | 15 | 98904 | 272 | 10.1 | 11 | 1145 | 77 |
| | | | | 127893 | 204 | | | | |
| | | | | 142104 | 141 | | | | |
| | | | 20 | 105530 | 284 | 11.7 | 15 | | |
| | | | | 138632 | 218 | | | | |
| | | | | 158436 | 150 | | | | |
| | | | 25 | 112630 | 296 | 13.3 | 15 | | |
| | | | | 155021 | 223 | | | | |
| | | | | 176183 | 162 | | | | |
| 20X | 2000 | 320 | 15 | 73843 | 152 | 4.20 | 5.5 | 1150 | 69 |
| | | | | 95486 | 114 | | | | |
| | | | | 106096 | 79 | | | | |
| | | | 20 | 78668 | 158 | 4.83 | 5.5 | | |
| | | | | 103344 | 121 | | | | |
| | | | | 118107 | 84 | | | | |
| | | | 25 | 83709 | 163 | 5.50 | 5.5 | | |
| | | | | 115216 | 124 | | | | |
| | | | | 130944 | 89 | | | | |
| 22W | 2200 | 480 | 15 | 118537 | 267 | 11.8 | 15 | 1400 | 78 |
| | | | | 153281 | 200 | | | | |
| | | | | 170321 | 139 | | | | |
| | | | 20 | 126095 | 277 | 13.6 | 15 | | |
| | | | | 165648 | 212 | | | | |
| | | | | 189311 | 147 | | | | |
| | | | 25 | 134194 | 287 | 15.5 | 18.5 | | |
| | | | | 184702 | 217 | | | | |
| | | | | 209915 | 157 | | | | |
| 22X | 2200 | 320 | 15 | 93221 | 165 | 5.77 | 7.5 | 1370 | 70 |
| | | | | 120545 | 124 | | | | |
| | | | | 133939 | 86 | | | | |
| | | | 20 | 99918 | 174 | 6.74 | 7.5 | | |
| | | | | 131260 | 133 | | | | |
| | | | | 150011 | 92 | | | | |
| | | | 25 | 107113 | 183 | 7.85 | 11 | | |
| | | | | 147429 | 138 | | | | |
| | | | | 167554 | 100 | | | | |
| 24W | 2400 | 480 | 15 | 139200 | 260 | 13.5 | 15 | 1450 | 83 |
| | | | | 180000 | 195 | | | | |
| | | | | 200000 | 135 | | | | |
| | | | 20 | 148371 | 271 | 15.6 | 18.5 | | |
| | | | | 194911 | 208 | | | | |
| | | | | 222756 | 143 | | | | |
| | | | 25 | 158211 | 281 | 17.9 | 18.5 | | |
| | | | | 217758 | 231 | | | | |
| | | | | 247484 | 154 | | | | |
| 24X | 2400 | 320 | 15 | 114840 | 177 | 7.62 | 11 | 1430 | 77 |
| | | | | 148500 | 133 | | | | |
| | | | | 165000 | 92 | | | | |
| | | | 20 | 122261 | 184 | 8.74 | 11 | | |
| | | | | 160611 | 141 | | | | |
| | | | | 183556 | 97 | | | | |
| | | | 25 | 130637 | 192 | 10.1 | 11 | | |
| | | | | 179806 | 145 | | | | |
| | | | | 204351 | 105 | | | | |

# DWT–Ⅱ型风机技术参数

Parameter of DWT-II fan

| 机号 No. Serial number | 叶轮直径（mm） Impeller diameter | 转速(r / min) !Speed | 叶片安装角度(°) Installation angle | 参考流量($m^3$ / h) Current capacity | 参考全压(Pa) Total pressure for reference | 实际消耗功率(Kw) Actual consumed power | 配用电机功率(Kw) Matched motor power | 重量（kg) Weight | 噪声dB(A) Noise |
|---|---|---|---|---|---|---|---|---|---|
| 3T | 300 | 2900 | 15 | 1616 | 120 | 0.14 | 0.18 | 25 | 76 |
| | | | | 2206 | 93 | | | | |
| | | | | 2589 | 65 | | | | |
| | | | 20 | 1882 | 122 | 0.19 | 0.25 | | |
| | | | | 2645 | 102 | | | | |
| | | | | 3337 | 75 | | | | |
| | | | 25 | 2230 | 124 | 0.26 | 0.37 | | |
| | | | | 3250 | 110 | | | | |
| | | | | 4250 | 84 | | | | |
| 3F | 300 | 1450 | 15 | 838 | 32 | 0.03 | 0.06 | 30 | 60 |
| | | | | 1144 | 25 | | | | |
| | | | | 1343 | 18 | | | | |
| | | | 20 | 1002 | 35 | 0.04 | 0.06 | | |
| | | | | 1408 | 29 | | | | |
| | | | | 1776 | 21 | | | | |
| | | | 25 | 1198 | 36 | 0.05 | 0.06 | | |
| | | | | 1745 | 32 | | | | |
| | | | | 2282 | 24 | | | | |
| 4T | 400 | 2900 | 15 | 3830 | 214 | 0.60 | 0.75 | 30 | 84 |
| | | | | 5229 | 165 | | | | |
| | | | | 6138 | 116 | | | | |
| | | | 20 | 4461 | 217 | 0.8 | 1.1 | | |
| | | | | 6269 | 182 | | | | |
| | | | | 7909 | 133 | | | | |
| | | | 25 | 5286 | 220 | 1.1 | 1.1 | | |
| | | | | 7704 | 196 | | | | |
| | | | | 10074 | 149 | | | | |
| 4F | 400 | 1450 | 15 | 1986 | 57 | 0.08 | 0.12 | 35 | 67 |
| | | | | 2711 | 44 | | | | |
| | | | | 3182 | 31 | | | | |
| | | | 20 | 2374 | 61 | 0.13 | 0.18 | | |
| | | | | 3337 | 52 | | | | |
| | | | | 4209 | 38 | | | | |
| | | | 25 | 2839 | 64 | 0.16 | 0.18 | | |
| | | | | 4137 | 56 | | | | |
| | | | | 5410 | 43 | | | | |
| 5F | 500 | 1450 | 15 | 3879 | 90 | 0.25 | 0.37 | 35 | 70 |
| | | | | 5296 | 69 | | | | |
| | | | | 6216 | 49 | | | | |
| | | | 20 | 4637 | 96 | 0.39 | 0.55 | | |
| | | | | 6517 | 81 | | | | |
| | | | | 8221 | 59 | | | | |
| | | | 25 | 5544 | 99 | 0.52 | 0.55 | | |
| | | | | 8080 | 88 | | | | |
| | | | | 10567 | 67 | | | | |
| 5S | 500 | 970 | 15 | 3056 | 56 | 0.12 | 0.12 | 45 | 68 |
| | | | | 4172 | 43 | | | | |
| | | | | 4897 | 30 | | | | |
| | | | 20 | 3624 | 59 | 0.17 | 0.18 | | |
| | | | | 5093 | 49 | | | | |
| | | | | 6425 | 36 | | | | |
| | | | 25 | 4368 | 62 | 0.24 | 0.25 | | |
| | | | | 6366 | 55 | | | | |
| | | | | 8324 | 42 | | | | |
| 6F | 600 | 1450 | 15 | 6240 | 112 | 0.56 | 0.75 | 50 | 75 |
| | | | | 8520 | 87 | | | | |
| | | | | 10000 | 61 | | | | |
| | | | 20 | 7400 | 118 | 0.8 | 1.1 | | |
| | | | | 10400 | 99 | | | | |
| | | | | 13120 | 73 | | | | |
| | | | 25 | 8920 | 124 | 1.0 | 1.1 | | |
| | | | | 13000 | 110 | | | | |
| | | | | 17000 | 84 | | | | |
| 6S | 600 | 970 | 15 | 4368 | 55 | 0.17 | 0.18 | 55 | 64 |
| | | | | 5964 | 42 | | | | |
| | | | | 7000 | 30 | | | | |
| | | | 20 | 5180 | 58 | 0.25 | 0.25 | | |
| | | | | 7280 | 49 | | | | |
| | | | | 9184 | 36 | | | | |
| | | | 25 | 6244 | 61 | 0.34 | 0.37 | | |
| | | | | 9100 | 54 | | | | |
| | | | | 11900 | 41 | | | | |

## DWT－Ⅱ型风机技术参数

Parameter of DWT-II fan

| 机号 No. Serial number | 叶轮直径（mm） Impeller diameter | 转速(r／min) !Speed | 叶片安装角度(°) Installation angle | 参考流量($m^3$／h) Current capacity | 参考全压(Pa) Total pressure for reference | 实际消耗功率(Kw) Actual consumed power | 配用电机功率(Kw) Matched motor power | 重量（kg) Weight | 噪声dB(A) Noise |
|---|---|---|---|---|---|---|---|---|---|
| 7F | 700 | 1450 | 15 | 13529 | 118 | 1.1 | 1.5 | 70 | 82 |
| | | | | 15880 | 83 | | | | |
| | | | 20 | 11751 | 161 | 1.6 | 2.2 | | |
| | | | | 16515 | 135 | | | | |
| | | | | 20834 | 99 | | | | |
| | | | 25 | 14165 | 169 | 2.1 | 2.2 | | |
| | | | | 20644 | 150 | | | | |
| | | | | 26955 | 114 | | | | |
| 7S | 700 | 970 | 15 | 7241 | 81 | 0.43 | 0.55 | 75 | 72 |
| | | | | 9887 | 63 | | | | |
| | | | | 11604 | 44 | | | | |
| | | | 20 | 8587 | 86 | 0.60 | 0.75 | | |
| | | | | 12069 | 72 | | | | |
| | | | | 15225 | 53 | | | | |
| | | | 25 | 10351 | 90 | 0.8 | 1.1 | | |
| | | | | 15086 | 80 | | | | |
| | | | | 19727 | 61 | | | | |
| 8F | 800 | 1450 | 15 | 14791 | 199 | 2.2 | 3 | 150 | 85 |
| | | | | 20196 | 154 | | | | |
| | | | | 23704 | 108 | | | | |
| | | | 20 | 17541 | 210 | 3.0 | 4 | | |
| | | | | 24652 | 176 | | | | |
| | | | | 31099 | 129 | | | | |
| | | | 25 | 21144 | 220 | 4.2 | 5.5 | | |
| | | | | 30815 | 196 | | | | |
| | | | | 40927 | 149 | | | | |
| 8S | 800 | 970 | 15 | 10468 | 100 | 0.75 | 0.75 | 165 | 73 |
| | | | | 14292 | 77 | | | | |
| | | | | 16755 | 54 | | | | |
| | | | 20 | 12413 | 105 | 1.1 | 1.1 | | |
| | | | | 17446 | 88 | | | | |
| | | | | 22009 | 65 | | | | |
| | | | 25 | 14963 | 110 | 1.5 | 1.5 | | |
| | | | | 21807 | 98 | | | | |
| | | | | 28517 | 75 | | | | |
| 8E | 800 | 720 | 15 | 7447 | 50 | 0.28 | 0.37 | 150 | 66 |
| | | | | 10167 | 39 | | | | |
| | | | | 11934 | 27 | | | | |
| | | | 20 | 8831 | 53 | 0.39 | 0.55 | | |
| | | | | 12411 | 45 | | | | |
| | | | | 15657 | 33 | | | | |
| | | | 25 | 10645 | 56 | 0.54 | 0.75 | | |
| | | | | 15514 | 50 | | | | |
| | | | | 20287 | 38 | | | | |
| 9S | 900 | 970 | 15 | 14580 | 121 | 1.3 | 1.5 | 205 | 77 |
| | | | | 19907 | 93 | | | | |
| | | | | 23365 | 66 | | | | |
| | | | 20 | 17290 | 127 | 1.8 | 2.2 | | |
| | | | | 24300 | 107 | | | | |
| | | | | 30655 | 78 | | | | |
| | | | 25 | 20842 | 134 | 2.5 | 3 | | |
| | | | | 30375 | 119 | | | | |
| | | | | 39721 | 91 | | | | |
| 9E | 900 | 720 | 15 | 10603 | 64 | 0.49 | 0.55 | 220 | 68 |
| | | | | 14477 | 49 | | | | |
| | | | | 16991 | 35 | | | | |
| | | | 20 | 12574 | 67 | 0.69 | 0.75 | | |
| | | | | 17671 | 56 | | | | |
| | | | | 22293 | 41 | | | | |
| | | | 25 | 15156 | 71 | 1.0 | 1.1 | | |
| | | | | 22089 | 63 | | | | |
| | | | | 28885 | 48 | | | | |
| 10S | 1000 | 970 | 15 | 20000 | 149 | 2.2 | 2.2 | 310 | 82 |
| | | | | 27308 | 115 | | | | |
| | | | | 32051 | 81 | | | | |
| | | | 20 | 23718 | 157 | 3.1 | 4 | | |
| | | | | 33333 | 132 | | | | |
| | | | | 42051 | 97 | | | | |
| | | | 25 | 28590 | 165 | 4.2 | 5.5 | | |
| | | | | 41667 | 146 | | | | |
| | | | | 54487 | 112 | | | | |

# DWT–Ⅱ型风机技术参数

Parameter of DWT-II fan

| 机号 No. Serial number | 叶轮直径（mm） Impeller diameter | 转速(r / min) !Speed | 叶片安装角度(°) Installation angle | 参考流量($m^3$ / h) Current capacity | 参考全压(Pa) Total pressure for reference | 实际消耗功率(Kw) Actual consumed power | 配用电机功率(Kw) Matched motor power | 重量（kg) Weight | 噪声dB(A) Noise |
|---|---|---|---|---|---|---|---|---|---|
| 10E | 1000 | 720 | 15 | 15540 | 90 | 1.0 | 1.5 | 315 | 72 |
| | | | | 21218 | 70 | | | | |
| | | | | 24904 | 49 | | | | |
| | | | 20 | 18429 | 95 | 1.4 | 1.5 | | |
| | | | | 25900 | 80 | | | | |
| | | | | 32674 | 58 | | | | |
| | | | 25 | 22215 | 100 | 2.0 | 2.2 | | |
| | | | | 32375 | 88 | | | | |
| | | | | 42337 | 68 | | | | |
| 11.2S | 1120 | 970 | 15 | 28099 | 187 | 3.8 | 4 | 420 | 86 |
| | | | | 38365 | 144 | | | | |
| | | | | 45030 | 102 | | | | |
| | | | 20 | 33322 | 197 | 5.4 | 5.5 | | |
| | | | | 46831 | 165 | | | | |
| | | | | 59079 | 121 | | | | |
| | | | 25 | 40167 | 207 | 7.5 | 7.5 | | |
| | | | | 58539 | 184 | | | | |
| | | | | 76551 | 140 | | | | |
| 11.2E | 1120 | 720 | 15 | 20993 | 104 | 1.6 | 2.2 | 450 | 76 |
| | | | | 28644 | 81 | | | | |
| | | | | 33643 | 57 | | | | |
| | | | 20 | 24896 | 110 | 2.1 | 2.2 | | |
| | | | | 34989 | 92 | | | | |
| | | | | 44139 | 68 | | | | |
| | | | 25 | 30009 | 116 | 3.0 | 3 | | |
| | | | | 43736 | 103 | | | | |
| | | | | 57193 | 78 | | | | |
| 12.5S | 1250 | 970 | 15 | 36892 | 208 | 5.5 | 5.5 | 495 | 87 |
| | | | | 50372 | 161 | | | | |
| | | | | 59122 | 113 | | | | |
| | | | 20 | 43751 | 219 | 7.5 | 7.5 | | |
| | | | | 61487 | 184 | | | | |
| | | | | 77569 | 135 | | | | |
| | | | 25 | 52737 | 230 | 10.9 | 11 | | |
| | | | | 76859 | 204 | | | | |
| | | | | 100508 | 156 | | | | |
| 12.5E | 1250 | 720 | 15 | 27628 | 117 | 2.4 | 3 | 545 | 79 |
| | | | | 37723 | 90 | | | | |
| | | | | 44276 | 63 | | | | |
| | | | 20 | 32764 | 123 | 3.3 | 4 | | |
| | | | | 46047 | 103 | | | | |
| | | | | 58090 | 75 | | | | |
| | | | 25 | 39494 | 129 | 4.6 | 5.5 | | |
| | | | | 57559 | 114 | | | | |
| | | | | 75269 | 87 | | | | |
| 14E | 1400 | 720 | 15 | 36629 | 130 | 3.5 | 4 | 660 | 83 |
| | | | | 50012 | 101 | | | | |
| | | | | 58700 | 71 | | | | |
| | | | 20 | 43438 | 137 | 4.9 | 5.5 | | |
| | | | | 61048 | 115 | | | | |
| | | | | 77014 | 84 | | | | |
| | | | 25 | 52360 | 144 | 6.8 | 7.5 | | |
| | | | | 76310 | 128 | | | | |
| | | | | 99790 | 98 | | | | |
| 14W | 1400 | 480 | 15 | 25695 | 64 | 1.1 | 1.1 | 675 | 68 |
| | | | | 35083 | 49 | | | | |
| | | | | 41178 | 35 | | | | |
| | | | 20 | 30471 | 67 | 1.7 | 2.2 | | |
| | | | | 42825 | 57 | | | | |
| | | | | 54025 | 41 | | | | |
| | | | 25 | 36730 | 71 | 2.3 | 3 | | |
| | | | | 52531 | 63 | | | | |
| | | | | 70002 | 48 | | | | |
| 16E | 1600 | 720 | 15 | 50596 | 146 | 5.4 | 5.5 | 810 | 84 |
| | | | | 69083 | 112 | | | | |
| | | | | 81083 | 79 | | | | |
| | | | 20 | 60001 | 153 | 7.4 | 7.5 | | |
| | | | | 84326 | 129 | | | | |
| | | | | 106381 | 94 | | | | |
| | | | 25 | 72326 | 161 | 10.5 | 11 | | |
| | | | | 105408 | 143 | | | | |
| | | | | 137841 | 109 | | | | |
| 16W | 1600 | 480 | 15 | 38355 | 84 | 2.2 | 2.2 | 880 | 75 |
| | | | | 52369 | 65 | | | | |
| | | | | 61466 | 46 | | | | |
| | | | 20 | 45485 | 88 | 3.3 | 4 | | |
| | | | | 63925 | 74 | | | | |
| | | | | 80644 | 54 | | | | |
| | | | 25 | 54828 | 93 | 4.6 | 5.5 | | |
| | | | | 79006 | 82 | | | | |
| | | | | 104492 | 63 | | | | |

## DWT－Ⅱ型风机技术参数

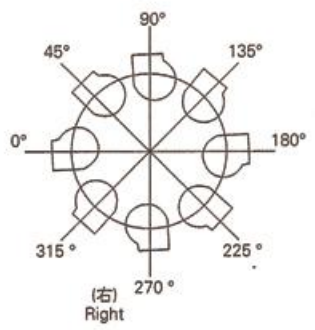
Parameter of DWT-II fan

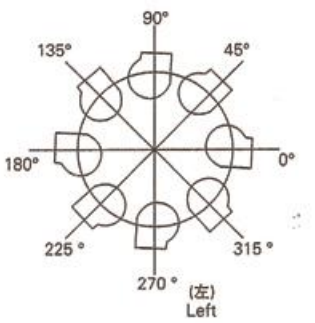
| 机号 No. Serial number | 叶轮直径（mm） Impeller diameter | 转速(r／min) !Speed | 叶片安装角度(°) Installation angle | 参考流量($m^3$／h) Current capacity | 参考全压(Pa) Total pressure for reference | 实际消耗功率(Kw) Actual consumed power | 配用电机功率(Kw) Matched motor power | 重量（kg) Weight | 噪声dB(A) Noise |
|---|---|---|---|---|---|---|---|---|---|
| 18W | 1800 | 480 | 15 | 57516 | 117 | 5.0 | 5.5 | 975 | 79 |
| | | | | 78531 | 91 | | | | |
| | | | | 92172 | 64 | | | | |
| | | | 20 | 69208 | 124 | 6.9 | 7.5 | | |
| | | | | 95859 | 104 | | | | |
| | | | | 120930 | 76 | | | | |
| | | | 25 | 82218 | 130 | 9.6 | 11 | | |
| | | | | 119824 | 115 | | | | |
| | | | | 156693 | 88 | | | | |
| 18R | 1800 | 400 | 15 | 45896 | 75 | 2.5 | 3 | 1060 | 75 |
| | | | | 62666 | 58 | | | | |
| | | | | 73552 | 41 | | | | |
| | | | 20 | 54482 | 79 | 3.5 | 4 | | |
| | | | | 76494 | 66 | | | | |
| | | | | 96500 | 48 | | | | |
| | | | 25 | 65608 | 83 | 4.9 | 5.5 | | |
| | | | | 95617 | 73 | | | | |
| | | | | 125038 | 56 | | | | |
| 20W | 2000 | 480 | 15 | 86866 | 176 | 10.9 | 11 | 1125 | 82 |
| | | | | 118605 | 136 | | | | |
| | | | | 139208 | 96 | | | | |
| | | | 20 | 103014 | 185 | 14.8 | 15 | | |
| | | | | 144777 | 155 | | | | |
| | | | | 182641 | 114 | | | | |
| | | | 25 | 124174 | 195 | 21.2 | 22 | | |
| | | | | 180971 | 173 | | | | |
| | | | | 236654 | 132 | | | | |
| 20R | 2000 | 400 | 15 | 67421 | 106 | 5.2 | 5.5 | 1185 | 75 |
| | | | | 92055 | 82 | | | | |
| | | | | 108046 | 58 | | | | |
| | | | 20 | 79954 | 110 | 7.2 | 7.5 | | |
| | | | | 112368 | 94 | | | | |
| | | | | 141756 | 69 | | | | |
| | | | 25 | 96377 | 117 | 9.9 | 11 | | |
| | | | | 140460 | 104 | | | | |
| | | | | 183678 | 79 | | | | |
| 20X | 2000 | 320 | 15 | 51801 | 63 | 2.3 | 3 | 1230 | 72 |
| | | | | 70728 | 48 | | | | |
| | | | | 83014 | 34 | | | | |
| | | | 20 | 61430 | 66 | 3.2 | 4 | | |
| | | | | 86335 | 55 | | | | |
| | | | | 108914 | 40 | | | | |
| | | | 25 | 74049 | 69 | 4.5 | 5.5 | | |
| | | | | 107918 | 61 | | | | |
| | | | | 141124 | 47 | | | | |
| 24R | 2400 | 400 | 15 | 111545 | 140 | 10.9 | 11 | 1300 | 82 |
| | | | | 152302 | 108 | | | | |
| | | | | 179759 | 76 | | | | |
| | | | 20 | 132281 | 147 | 14.9 | 15 | | |
| | | | | 185909 | 124 | | | | |
| | | | | 234531 | 90 | | | | |
| | | | 25 | 159453 | 155 | 21.6 | 22 | | |
| | | | | 232386 | 137 | | | | |
| | | | | 303890 | 105 | | | | |
| 24X | 2400 | 320 | 15 | 84003 | 79 | 4.7 | 5.5 | 1400 | 76 |
| | | | | 114697 | 61 | | | | |
| | | | | 134621 | 43 | | | | |
| | | | 20 | 99619 | 84 | 6.6 | 7.5 | | |
| | | | | 140005 | 70 | | | | |
| | | | | 176622 | 51 | | | | |
| | | | 25 | 120082 | 88 | 9.3 | 11 | | |
| | | | | 175007 | 78 | | | | |
| | | | | 228855 | 59 | | | | |
| 28X | 2800 | 320 | 15 | 118087 | 85 | 7.1 | 7.5 | 1680 | 79 |
| | | | | 161234 | 65 | | | | |
| | | | | 189241 | 46 | | | | |
| | | | 20 | 140039 | 89 | 10.0 | 11 | | |
| | | | | 196811 | 75 | | | | |
| | | | | 248285 | 55 | | | | |
| | | | 25 | 168803 | 94 | 13.8 | 15 | | |
| | | | | 246014 | 83 | | | | |
| | | | | 321710 | 63 | | | | |
| 32X | 3200 | 320 | 15 | 150155 | 80 | 8.6 | 11 | 1960 | 82 |
| | | | | 205020 | 62 | | | | |
| | | | | 240633 | 44 | | | | |
| | | | 20 | 178069 | 84 | 12.0 | 15 | | |
| | | | | 250259 | 71 | | | | |
| | | | | 315711 | 52 | | | | |
| | | | 25 | 214645 | 89 | 16.7 | 18.5 | | |
| | | | | 312823 | 79 | | | | |
| | | | | 409077 | 60 | | | | |

# 4—72离心通风机、F4—72防腐离心通风机、B4—72防爆离心通风机

## F4-72 Centrifugal Fan F4,B4-72 Non-corrosive Centrifugal Fan B4,72 Explosion-proof Centrifugal Fan

### 结构型式
Structure pattern




4–72 型离心通风机是一种高效节能的离心式风机，其机翼型叶片、曲线型叶轮前盘和锥弧型进口集流器等结构，使风机具有优良的空气动力性能，在我国经济建设事业中，历经多年，经久不衰。4–72 型风机中，№ 2.8~6A 风机主要由叶轮、机壳、进风口和电动机等部件组成。№ 8~10C、D 风机还有传动组和皮带轮或联轴器。4–72 型风机的旋转方向分有右旋转和左旋转，从电动机一端正视，叶轮按顺时针方向旋转，称为右旋转风机，以“右”表示。按逆时针方向旋转，称为左旋转风机，以“左”表示。风机的旋转方向需在定货时注明。4–72 型风机的出风口位置以机壳出风口角度表示。№ 2.8~6A 在出厂时均做成 1 种型式，用户可根据所需要的出风口位置安装，定货时不需注明。№ 2.8 出风口位置调整范围为 0° ~225°，间隔 45° ；№ 3.2~6A 出风口位置调整范围为 0° ~225°，间隔为 22.5° 。№ 8~12 出风口位置为 0° ~225°，间隔 45°，需在定货时注明。№ 16~20 出风口位置为 3 种固定的角度：0° 、90° 、180°，安装时不能调整，需在定货时注明。4–72 型风机的传动方式有 A、B、C、D4 种，A 式为叶轮与电动机直联传动；B 式为皮带传动，皮带轮在两轴承中间；C 式为皮带传动，皮带轮在轴承外侧悬臂；D 式为叶轮与电动机通过联轴器传动。№ 2.8~5 采用 A 式传动；№ 6 采用 A、C 和 D3 种方式传动；№ 8~12 采用 C 和 D2 种方式传动。

F4–72 型风机是 4–72 型风机的派生系列产品，是防腐型风机。由玻璃钢材料制造，金属零部件也全部覆以防腐层，可有效防止风机各个部位遭受侵蚀。F4–72 型风机的性能、选用件和地基尺寸与 4–72 型风机一致。B4–72 型风机的性能、选用件和地基尺寸与 4–72 型风机一致，结构基本相同，№ 2.8~6A 采用 B35 型带法兰盘与底脚的电动机，№ 6~12C、D 所配电动机选用与 Y 系列对应的 YB 系列 B3 型电机。

B4–72 型风机也是 4–72 型风机的派生系列产品，是防爆场合的专用风机。配备防爆电机，关键零部件覆以防静电表层或采用有色金属制造，可有效防止产生摩擦静电和电器部件的电火花泄露。

注：配用电机为三相。

4-72 centrifugal fan is one kind of highly effective energy saving one,its wing leaf blade,the curve impeller and awl arc current collector make the fan have a fine lift-drag ratio.In 4-72 fan,№ the 2.8~6A fan is mainly composed of impeller,cabinet,inlet and motor.№ 8~10C,D fan is composed of transmission,belt pulley and shaft coupling.The rotation of 4-72 fan is divided into the clockwise and the counterclockwise,facing squarely from one side of the motor,if the impeller revolves clockwise,the fan is called a clockwise rotation one,. If counterclockwise,counterclockwise one,expressed by “left”.The rotation of the fan must indicate when ordering.The outlet position of 4-72 fan is indicated by outlet of the cabinet.№ 2.8~6A was made into 1 kind of pattern when leaving the plant,the user may install it according to the outlet position,no indication when ordering.№ 2.8 outlet position may adjust from 0° to 225°,gap 45°.№ 3.2~6A outlet position may adjust from 0°to 225°,gap 22.5°.№ 8~12 0°~225°,gap 45°,must indicate when ordering.№ 16~20 has 3 kind of fixed angles:0°,90°,180°,cannot adjust when installs,must indicate when ordering.The transmission of 4-72 fan has A,B,C,D 4 kinds,A:impeller and motor straight jointed.B:leather belt,the belt pulley between two bearings.C:leather belt,the belt pulley in the flank bracket outside the bearing.D:shaft coupling transmission for impeller and motor.№ 2.8~5 uses A type;№ 6,A,C and D3;№ 8~12,C and D2.

F4-72 fan is a derivation product from 4-72,made of glass fiber reinforced plastic material.Its metal parts are covered by anticorrosion level,and prevent corrosion effectively.The performance,selected parts and ground size of F4-72 fan is consistent with 4-72.The B4-72 is consistent with 4-72.№ 2.8~6A uses the B35 with flange plate and the footing electric motor,The motor matched for № 6~12C,D is corresponding with YB and B3 in Y series corresponding.

B4-72 fan is a derivation product from 4-72 too,is a special-purpose one against explosion situation.It has explosion-proof electrical machinery,the essential spare part uses the static electricity surface layer or the non-ferrous metal,can prevent friction static electricity and electric spark effectively.

Note:The matched motor is three-phases.



### 适用场合
Suitable situation

4–72 型离心通风机适合于各类民用和工业建筑的送风、排风和一般通风换气。

F4–72 型防腐离心通风机适宜于在化工厂、实验室、地下室、浴池，等场合安装使用，输送带腐蚀性气体、含酸碱性气体和高湿度气体。

B4–72 型防爆离心通风机是防爆专用风机，适宜于在燃油燃气锅炉房，高浓度粉尘车间、油库、储气站、易爆物品存放仓库，等有防爆要求的场合安装使用，可输送具有易燃、易爆和易挥发性质的气体。

4-72 centrifugal fan suits in ventilation,deliver or exhaust in all kinds of civil and industry architectures.

The F4-72 anticorrosion centrifugal fan is suitable in chemical plant,laboratory,basement,bathing pool and so on,to convey caustic gas,acid or alkali gas and high-moisture gas.

B4-72 explosion-proof centrifugal fan is suitable in boiler (oil or gas as fuel),highly concentrated dust workshop,fuel depot,gas storage stands, high explosive cargo warehouse and so on,this situation has the explosion -proof request,to transport the flammable,explosive and easy volatile gas.

### 执行标准
Standard carried out

GB/T 1236–2000《工业通风机 用标准化风道进行性能试验》( 等同 ISO 5801 ：1997 )

GB/T 2888–91《风机和罗茨鼓风机噪声测量方法》

GB/T1236-2000“Industry Fan,Performance Test through Standardized Air Pipe”(to equate ISO5801:1,997)

GB/T2888-91“Air Blower and LuoTribulus Air Blower Noise Measurement Method”

## 4–72–12、F4–72–12、B4–72–12离心式风机性能参数表

Performance parameter of 4-72-12,F4-72-12 centrifugal fan

| 机号 No. Serial number | 转速(r / min) !Speed | 工况点 Operating mode | 风量 ( $m^3$/h ) Volume | 全压 ( Pa ) Total pressure | 电动机 Motor 型号 Model | 电动机 Motor 功率(KW ) Power |
|---|---|---|---|---|---|---|
| 2.8A | 2900 | 1 | 1330 | 970 | Y90S–2 | 1.5 |
| | | 2 | 1650 | 892 | | |
| | | 3 | 1810 | 843 | | |
| | | 4 | 1970 | 784 | | |
| | | 5 | 2130 | 745 | | |
| | | 6 | 2450 | 600 | | |
| 3.2A | 2900 | 1 | 1975 | 1270 | Y90L–2 | 2.2 |
| | | 2 | 2450 | 1167 | | |
| | | 3 | 2670 | 1098 | | |
| | | 4 | 2930 | 1019 | | |
| | | 5 | 3165 | 941 | | |
| | | 6 | 3640 | 800 | | |
| 3.2A | 1450 | 1 | 991 | 320 | Y90S–4 | 1.1 |
| | | 2 | 1253 | 294 | | |
| | | 3 | 1385 | 264 | | |
| | | 4 | 1515 | 254 | | |
| | | 5 | 1640 | 235 | | |
| | | 6 | 1910 | 200 | | |
| 3.6A | 2900 | 1 | 2930 | 1650 | Y100L–2 | 3 |
| | | 2 | 3638 | 1539 | | |
| | | 3 | 3992 | 1471 | | |
| | | 4 | 4846 | 1382 | | |
| | | 5 | 4700 | 1294 | | |
| | | 6 | 5408 | 1090 | | |
| 3.6A | 1450 | 1 | 1470 | 410 | Y90S–4 | 1.1 |
| | | 2 | 1820 | 382 | | |
| | | 3 | 1990 | 372 | | |
| | | 4 | 2170 | 353 | | |
| | | 5 | 2350 | 323 | | |
| | | 6 | 2710 | 280 | | |
| 4A | 2900 | 1 | 4020 | 2040 | Y132S–2 | 5.5 |
| | | 2 | 4990 | 1902 | | |
| | | 3 | 5480 | 1814 | | |
| | | 4 | 5970 | 1706 | | |
| | | 5 | 6450 | 1598 | | |
| | | 6 | 7420 | 1340 | | |
| 4A | 1450 | 1 | 2010 | 510 | Y90S–4 | 1.1 |
| | | 2 | 2500 | 480 | | |
| | | 3 | 2740 | 460 | | |
| | | 4 | 2980 | 431 | | |
| | | 5 | 3220 | 402 | | |
| | | 6 | 3710 | 340 | | |
| 4.5A | 2900 | 1 | 5730 | 2580 | $Y132S_2$–2 | 7.5 |
| | | 2 | 7120 | 2412 | | |
| | | 3 | 7810 | 2314 | | |
| | | 4 | 8500 | 2177 | | |
| | | 5 | 9200 | 2030 | | |
| | | 6 | 10580 | 1700 | | |
| 4.5A | 1450 | 1 | 2860 | 650 | Y90S–4 | 1.1 |
| | | 2 | 3550 | 608 | | |
| | | 3 | 2900 | 578 | | |
| | | 4 | 4240 | 549 | | |
| | | 5 | 4590 | 509 | | |
| | | 6 | 5280 | 430 | | |
| 5A | 2900 | 1 | 7950 | 3180 | $Y160M_2$ –2 | 15 |
| | | 2 | 9880 | 3069 | | |
| | | 3 | 10850 | 2971 | | |
| | | 4 | 11830 | 2844 | | |
| | | 5 | 12780 | 2628 | | |
| | | 6 | 14720 | 2200 | | |

| 机号 No. Serial number | 转速(r / min) !Speed | 工况点 Operating mode | 风量 ( $m^3$/h ) Volume | 全压 ( Pa ) Total pressure | 电动机 Motor 型号 Model | 电动机 Motor 功率(KW ) Power |
|---|---|---|---|---|---|---|
| 5A | 1450 | 1 | 3977 | 810 | $Y100L_1$–4 | 2.2 |
| | | 2 | 4943 | 764 | | |
| | | 3 | 5426 | 715 | | |
| | | 4 | 5909 | 706 | | |
| | | 5 | 6392 | 647 | | |
| | | 6 | 7358 | 560 | | |
| 6A | 1450 | 1 | 6840 | 1160 | $Y112M_2$ –4 | 4 |
| | | 2 | 8520 | 1098 | | |
| | | 3 | 9360 | 1068 | | |
| | | 4 | 10200 | 1019 | | |
| | | 5 | 11040 | 941 | | |
| | | 6 | 12720 | 800 | | |
| 6A | 980 | 1 | 4520 | 510 | Y100L–6 | 1.5 |
| | | 2 | 5620 | 480 | | |
| | | 3 | 6170 | 470 | | |
| | | 4 | 6720 | 441 | | |
| | | 5 | 7270 | 411 | | |
| | | 6 | 8370 | 350 | | |
| 6C | 2240 | 1 | 10600 | 2780 | Y160M–4 | 15 |
| | | 2 | 13200 | 2628 | | |
| | | 3 | 14500 | 2549 | | |
| | | 4 | 15800 | 2432 | | |
| | | 5 | 17100 | 2245 | | |
| | | 6 | 19600 | 1920 | | |
| 6C | 2000 | 1 | 9500 | 2220 | Y160M–4 | 11 |
| | | 2 | 11800 | 2098 | | |
| | | 3 | 12950 | 2039 | | |
| | | 4 | 14100 | 1941 | | |
| | | 5 | 15250 | 1794 | | |
| | | 6 | 17600 | 1530 | | |
| 6C | 1800 | 1 | 8520 | 1800 | Y132M–4 | 7.5 |
| | | 2 | 10600 | 1696 | | |
| | | 3 | 11600 | 1647 | | |
| | | 4 | 12700 | 1569 | | |
| | | 5 | 13700 | 1451 | | |
| | | 6 | 15800 | 1240 | | |
| 6C | 1600 | 1 | 7560 | 1420 | Y132S–4 | 5.5 |
| | | 2 | 9400 | 1343 | | |
| | | 3 | 10300 | 1304 | | |
| | | 4 | 11200 | 1235 | | |
| | | 5 | 12000 | 1147 | | |
| | | 6 | 14000 | 980 | | |
| 6C | 1250 | 1 | 5920 | 860 | $Y100L_2$–4 | 3 |
| | | 2 | 7360 | 813 | | |
| | | 3 | 8100 | 794 | | |
| | | 4 | 8800 | 755 | | |
| | | 5 | 9500 | 696 | | |
| | | 6 | 11000 | 590 | | |
| 6C | 1120 | 1 | 5300 | 700 | $Y100L_1$–4 | 2.2 |
| | | 2 | 6600 | 657 | | |
| | | 3 | 7250 | 637 | | |
| | | 4 | 7900 | 608 | | |
| | | 5 | 8530 | 558 | | |
| | | 6 | 9800 | 480 | | |
| 6C | 1000 | 1 | 4730 | 550 | $Y100L_1$–4 | 2.2 |
| | | 2 | 5880 | 519 | | |
| | | 3 | 6450 | 509 | | |
| | | 4 | 7030 | 480 | | |
| | | 5 | 7300 | 451 | | |
| | | 6 | 8750 | 380 | | |

# 4-72-12、F4-72-12、B4-72-12离心式风机性能参数表

Performance parameter of 4-72-12,F4-72-12 centrifugal fan

| 机号 No. Serial number | 转速(r/min) !Speed | 工况点 Operating mode | 风量 ($m^3$/h) Volume | 全压 (Pa) Total pressure | 电动机 Motor 型号 Model | 电动机 Motor 功率(KW) Power |
|---|---|---|---|---|---|---|
| 6C | 900 | 1 | 4250 | 450 | $Y100L_1$-4 | 2.2 |
| | | 2 | 5270 | 421 | | |
| | | 3 | 5800 | 411 | | |
| | | 4 | 6400 | 392 | | |
| | | 5 | 6800 | 362 | | |
| | | 6 | 7850 | 310 | | |
| 6C | 800 | 1 | 3780 | 340 | Y90S-4 | 1.1 |
| | | 2 | 4700 | 313 | | |
| | | 3 | 5160 | 304 | | |
| | | 4 | 5610 | 294 | | |
| | | 5 | 6080 | 274 | | |
| | | 6 | 7000 | 230 | | |
| 6D | 1450 | 1 | 6840 | 1160 | Y112M-4 | 4 |
| | | 2 | 8520 | 1098 | | |
| | | 3 | 9360 | 1068 | | |
| | | 4 | 10200 | 1019 | | |
| | | 5 | 11040 | 941 | | |
| | | 6 | 12720 | 800 | | |
| 6D | 960 | 1 | 4520 | 510 | Y100L-6 | 1.5 |
| | | 2 | 5620 | 480 | | |
| | | 3 | 6170 | 470 | | |
| | | 4 | 6720 | 441 | | |
| | | 5 | 7270 | 411 | | |
| | | 6 | 8370 | 350 | | |
| 8C | 1800 | 1 | 20100 | 3118 | $Y200L_1$-2 | 30 |
| | | 2 | 25000 | 3010 | | |
| | | 3 | 27450 | 2932 | | |
| | | 4 | 29900 | 2794 | $Y200L_2$-2 | 37 |
| | | 5 | 32400 | 2579 | | |
| | | 6 | 34800 | 2363 | | |
| 8C | 1600 | 1 | 17920 | 2520 | Y180M-2 | 22 |
| | | 2 | 22280 | 2392 | | |
| | | 3 | 24460 | 2314 | | |
| | | 4 | 26640 | 2196 | | |
| | | 5 | 28820 | 2039 | | |
| | | 6 | 31000 | 1880 | | |
| 8C | 1250 | 1 | 14000 | 1540 | Y160M-4 | 11 |
| | | 2 | 17400 | 1451 | | |
| | | 3 | 19100 | 1412 | | |
| | | 4 | 20800 | 1343 | | |
| | | 5 | 22500 | 1245 | | |
| | | 6 | 24200 | 1160 | | |
| 8C | 1120 | 1 | 12500 | 1236 | Y132M-4 | 7.5 |
| | | 2 | 15560 | 1167 | | |
| | | 3 | 17100 | 1137 | | |
| | | 4 | 18620 | 1078 | | |
| | | 5 | 20120 | 1000 | Y160M-4 | 10 |
| | | 6 | 21650 | 930 | | |
| 8C | 1000 | 1 | 11200 | 981 | Y132S-4 | 5.5 |
| | | 2 | 13900 | 931 | | |
| | | 3 | 15360 | 902 | | |
| | | 4 | 16600 | 803 | Y132M-4 | 7.5 |
| | | 5 | 18000 | 794 | | |
| | | 6 | 19300 | 740 | | |
| 8C | 900 | 1 | 10050 | 790 | Y112M-4 | 4 |
| | | 2 | 12500 | 755 | | |
| | | 3 | 13750 | 735 | | |
| | | 4 | 14950 | 696 | | |
| | | 5 | 16200 | 647 | Y132S-4 | 5.5 |
| | | 6 | 17400 | 600 | | |

| 机号 No. Serial number | 转速(r/min) !Speed | 工况点 Operating mode | 风量 ($m^3$/h) Volume | 全压 (Pa) Total pressure | 电动机 Motor 型号 Model | 电动机 Motor 功率(KW) Power |
|---|---|---|---|---|---|---|
| 8C | 800 | 1 | 8960 | 630 | $Y100L_2$-4 | 3 |
| | | 2 | 11140 | 598 | | |
| | | 3 | 12200 | 578 | | |
| | | 4 | 13300 | 549 | | |
| | | 5 | 14400 | 509 | | |
| | | 6 | 15500 | 470 | | |
| 8C | 710 | 1 | 7920 | 490 | $Y100L_1$-4 | 2.2 |
| | | 2 | 9850 | 460 | | |
| | | 3 | 10810 | 451 | | |
| | | 4 | 11780 | 431 | | |
| | | 5 | 12740 | 402 | | |
| | | 6 | 13710 | 380 | | |
| 8C | 630 | 1 | 7040 | 380 | $Y100L_1$-4 | 2.2 |
| | | 2 | 8760 | 372 | | |
| | | 3 | 9610 | 362 | | |
| | | 4 | 10480 | 343 | | |
| | | 5 | 11340 | 313 | | |
| | | 6 | 12200 | 290 | | |
| 8D | 1450 | 1 | 16200 | 2060 | Y180M-4 | 18.5 |
| | | 2 | 20130 | 1961 | | |
| | | 3 | 22100 | 1902 | | |
| | | 4 | 24060 | 1814 | | |
| | | 5 | 26025 | 1667 | | |
| | | 6 | 27990 | 1560 | | |
| 8D | 960 | 1 | 10730 | 910 | $Y132M_2$-6 | 5.5 |
| | | 2 | 13320 | 863 | | |
| | | 3 | 14520 | 833 | | |
| | | 4 | 15940 | 794 | | |
| | | 5 | 17240 | 735 | | |
| | | 6 | 18560 | 690 | | |
| 8D | 730 | 1 | 8150 | 530 | Y132M-8 | 3 |
| | | 2 | 10150 | 490 | | |
| | | 3 | 11150 | 480 | | |
| | | 4 | 12150 | 460 | | |
| | | 5 | 13150 | 421 | | |
| | | 6 | 14150 | 400 | | |
| 10C | 1250 | 1 | 34800 | 2390 | Y225S-4 | 37 |
| | | 2 | 37850 | 2314 | | |
| | | 3 | 41300 | 2226 | | |
| | | 4 | 44050 | 2118 | | |
| | | 5 | 47100 | 2000 | | |
| | | 6 | 50150 | 1900 | | |
| 10C | 1120 | 1 | 31200 | 1920 | Y180L-4 | 22 |
| | | 2 | 33900 | 1853 | Y220L-4 | 30 |
| | | 3 | 36700 | 1784 | | |
| | | 4 | 39450 | 1696 | | |
| | | 5 | 42100 | 1598 | | |
| | | 6 | 45000 | 1520 | | |
| 10C | 1000 | 1 | 27800 | 1530 | Y180M-4 | 18.5 |
| | | 2 | 30300 | 1480 | | |
| | | 3 | 32700 | 1422 | | |
| | | 4 | 35200 | 1353 | | |
| | | 5 | 37650 | 1274 | Y180L-4 | 22 |
| | | 6 | 40100 | 1210 | | |
| 10C | 900 | 1 | 25050 | 1240 | Y160L-4 | 15 |
| | | 2 | 27250 | 1196 | | |
| | | 3 | 29470 | 1147 | | |
| | | 4 | 31680 | 1098 | | |
| | | 5 | 33890 | 1029 | | |
| | | 6 | 36100 | 980 | | |

## 4–72–12、F4–72–12、B4–72–12离心式风机性能参数表

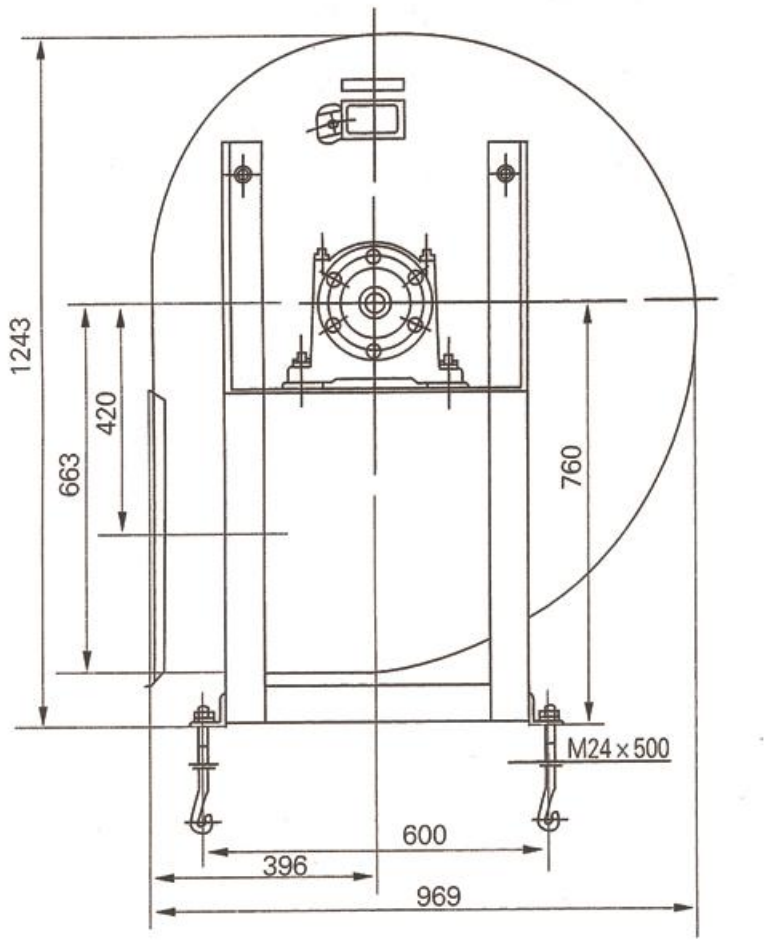
Performance parameter of 4-72-12,F4-72-12 centrifugal fan

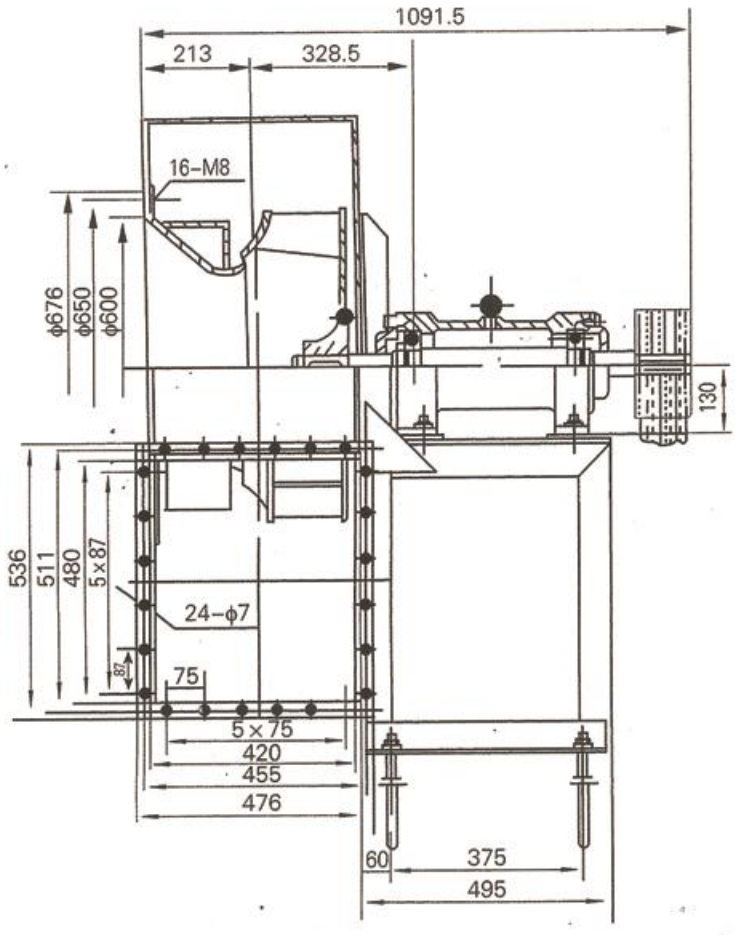
| 机号 No. Serial number | 转速(r / min) !Speed | 工况点 Operating mode | 风量 ( $m^3/h$ ) Volume | 全压 ( Pa ) Total pressure | 电动机 Motor 型号 Model | 电动机 Motor 功率(KW ) Power |
|---|---|---|---|---|---|---|
| 10C | 800 | 1 | 22150 | 980 | Y160M–4 | 11 |
| | | 2 | 24140 | 941 | | |
| | | 3 | 26130 | 912 | | |
| | | 4 | 28120 | 863 | | |
| | | 5 | 30110 | 813 | | |
| | | 6 | 32100 | 780 | | |
| 10C | 710 | 1 | 19780 | 770 | Y132M–4 | 7.5 |
| | | 2 | 21520 | 745 | | |
| | | 3 | 23270 | 715 | | |
| | | 4 | 25000 | 686 | | |
| | | 5 | 26750 | 647 | | |
| | | 6 | 22850 | 610 | | |
| 10C | 630 | 1 | 17540 | 610 | Y132S–4 | 5.5 |
| | | 2 | 19100 | 588 | | |
| | | 3 | 20650 | 568 | | |
| | | 4 | 22180 | 539 | | |
| | | 5 | 23750 | 509 | | |
| | | 6 | 25280 | 480 | | |
| 10C | 560 | 1 | 15600 | 480 | $Y100L_2–4$ | 3 |
| | | 2 | 16970 | 460 | | |
| | | 3 | 18350 | 441 | | |
| | | 4 | 19720 | 421 | Y112M–4 | 4 |
| | | 5 | 21100 | 402 | | |
| | | 6 | 22470 | 382 | | |
| 10C | 500 | 1 | 13910 | 390 | $Y100L_2–4$ | 3 |
| | | 2 | 15150 | 372 | | |
| | | 3 | 16385 | 353 | | |
| | | 4 | 17620 | 343 | | |
| | | 5 | 18860 | 323 | | |
| | | 6 | 20100 | 300 | | |
| 10D | 1450 | 1 | 40400 | 3220 | Y250M–4 | 55 |
| | | 2 | 43960 | 3108 | | |
| | | 3 | 47520 | 2991 | | |
| | | 4 | 51080 | 2844 | | |
| | | 5 | 54640 | 2687 | | |
| | | 6 | 58200 | 2550 | | |
| 10D | 960 | 1 | 26730 | 1410 | $Y200L_2–6$ | 18.5 |
| | | 2 | 29050 | 1363 | | |
| | | 3 | 31400 | 1314 | | |
| | | 4 | 33790 | 1245 | | |
| | | 5 | 36150 | 1176 | | |
| | | 6 | 38500 | 1120 | | |
| 10D | 730 | 1 | 20800 | 820 | Y160L–8 | 7.5 |
| | | 2 | 22650 | 784 | | |
| | | 3 | 24200 | 755 | | |
| | | 4 | 25750 | 725 | | |
| | | 5 | 27420 | 676 | | |
| | | 6 | 29300 | 650 | | |
| 12C | 1120 | 1 | 53800 | 2770 | Y280S–4 | 75 |
| | | 2 | 58600 | 2677 | | |
| | | 3 | 63280 | 2569 | | |
| | | 4 | 68020 | 2441 | | |
| | | 5 | 72760 | 2314 | | |
| | | 6 | 77500 | 2190 | | |
| 12C | 1000 | 1 | 48100 | 2210 | Y250M–4 | 55 |
| | | 2 | 52340 | 2128 | | |
| | | 3 | 56580 | 2049 | | |
| | | 4 | 60820 | 1951 | | |
| | | 5 | 65060 | 1843 | | |
| | | 6 | 69320 | 1750 | | |

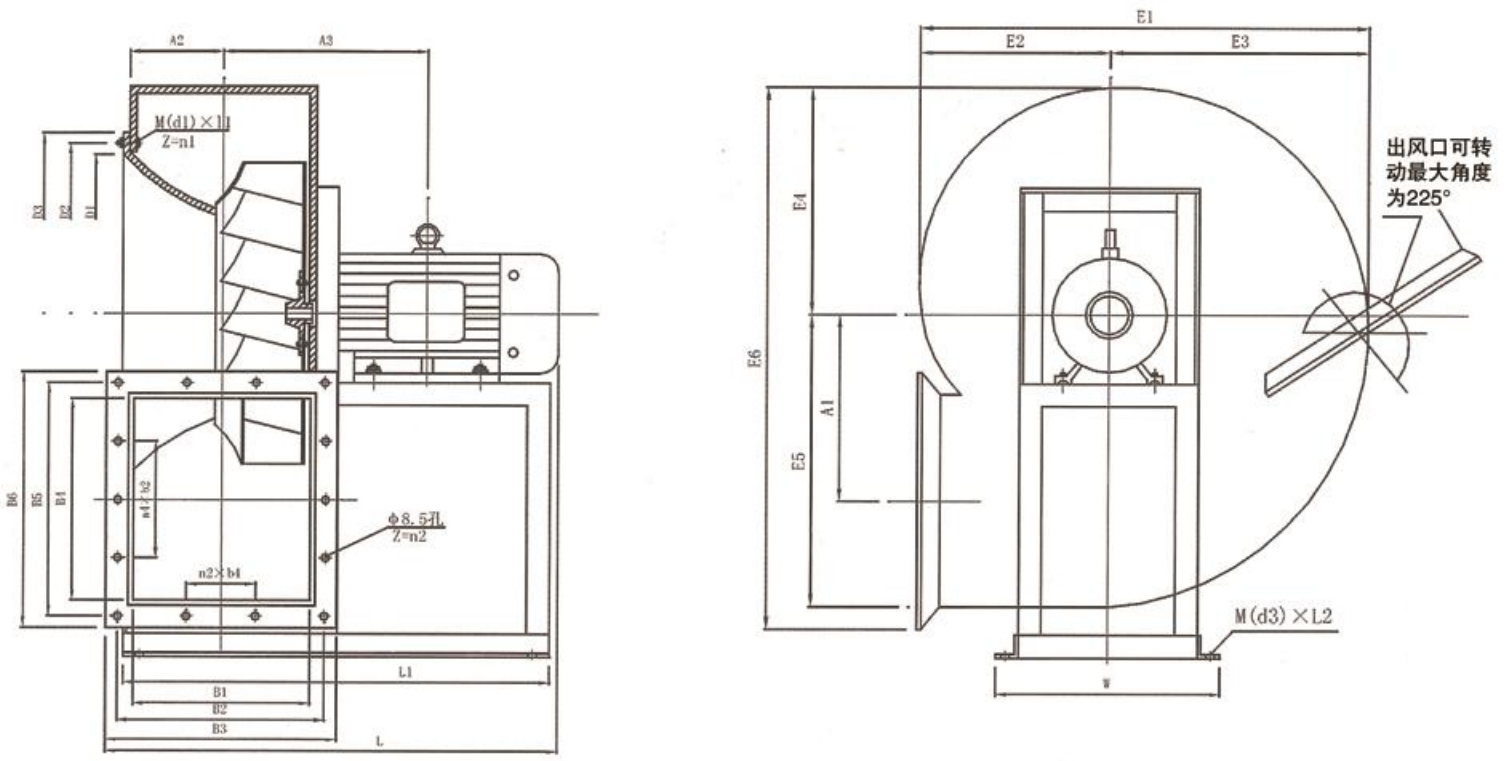
| 机号 No. Serial number | 转速(r / min) !Speed | 工况点 Operating mode | 风量 ( $m^3/h$ ) Volume | 全压 ( Pa ) Total pressure | 电动机 Motor 型号 Model | 电动机 Motor 功率(KW ) Power |
|---|---|---|---|---|---|---|
| 12C | 900 | 1 | 43200 | 1780 | Y225M–6 | 30 |
| | | 2 | 47000 | 1726 | | |
| | | 3 | 50800 | 1657 | | |
| | | 4 | 54600 | 1578 | Y250M–6 | 37 |
| | | 5 | 58400 | 1490 | | |
| | | 6 | 62200 | 1410 | | |
| 12C | 800 | 1 | 38600 | 1420 | Y200L–6 | 22 |
| | | 2 | 42000 | 1363 | | |
| | | 3 | 45420 | 1323 | | |
| | | 4 | 48860 | 1245 | | |
| | | 5 | 52360 | 1176 | Y225M–6 | 30 |
| | | 6 | 55700 | 1120 | | |
| 12C | 710 | 1 | 34200 | 1110 | $Y280L_1–6$ | 18.5 |
| | | 2 | 37260 | 1059 | | |
| | | 3 | 40260 | 1039 | | |
| | | 4 | 43320 | 1000 | | |
| | | 5 | 46380 | 931 | | |
| | | 6 | 49500 | 880 | | |
| 12C | 630 | 1 | 30400 | 880 | Y180L–6 | 15 |
| | | 2 | 33100 | 853 | | |
| | | 3 | 35800 | 823 | | |
| | | 4 | 38500 | 774 | | |
| | | 5 | 41200 | 735 | | |
| | | 6 | 43900 | 700 | | |
| 12C | 560 | 1 | 27000 | 690 | Y160M–6 | 7.5 |
| | | 2 | 29380 | 666 | | |
| | | 3 | 31750 | 647 | | |
| | | 4 | 34140 | 617 | Y160L–6 | 11 |
| | | 5 | 36520 | 578 | | |
| | | 6 | 38900 | 550 | | |
| 12C | 500 | 1 | 24100 | 550 | $Y132M_2–6$ | 5.5 |
| | | 2 | 16240 | 529 | | |
| | | 3 | 28380 | 519 | | |
| | | 4 | 30520 | 490 | Y132M–6 | 7.5 |
| | | 5 | 32600 | 460 | | |
| | | 6 | 34800 | 440 | | |
| 12C | 450 | 1 | 21650 | 451 | $Y132M_1–6$ | 4 |
| | | 2 | 23560 | 431 | | |
| | | 3 | 25470 | 411 | | |
| | | 4 | 27380 | 392 | | |
| | | 5 | 29200 | 472 | $Y132M_2–6$ | 5.5 |
| | | 6 | 31200 | 350 | | |
| 12C | 400 | 1 | 19580 | 360 | Y225S–8 | 3 |
| | | 2 | 20980 | 343 | | |
| | | 3 | 22680 | 323 | | |
| | | 4 | 24390 | 313 | | |
| | | 5 | 26090 | 304 | | |
| | | 6 | 27800 | 280 | | |
| 12D | 960 | 1 | 46100 | 2030 | Y280S–6 | 45 |
| | | 2 | 50200 | 1961 | | |
| | | 3 | 54200 | 1882 | | |
| | | 4 | 58400 | 1794 | | |
| | | 5 | 62500 | 1696 | | |
| | | 6 | 66500 | 1610 | | |
| 12D | 730 | 1 | 35000 | 1170 | Y132S–6 | 18.5 |
| | | 2 | 38100 | 1137 | | |
| | | 3 | 41100 | 1098 | | |
| | | 4 | 44300 | 1049 | | |
| | | 5 | 47500 | 980 | | |
| | | 6 | 50500 | 940 | | |

# № 6$^{D}_{C}$ 离心通风机安装尺寸图

Installation dimension drawing of the centrifugal fan



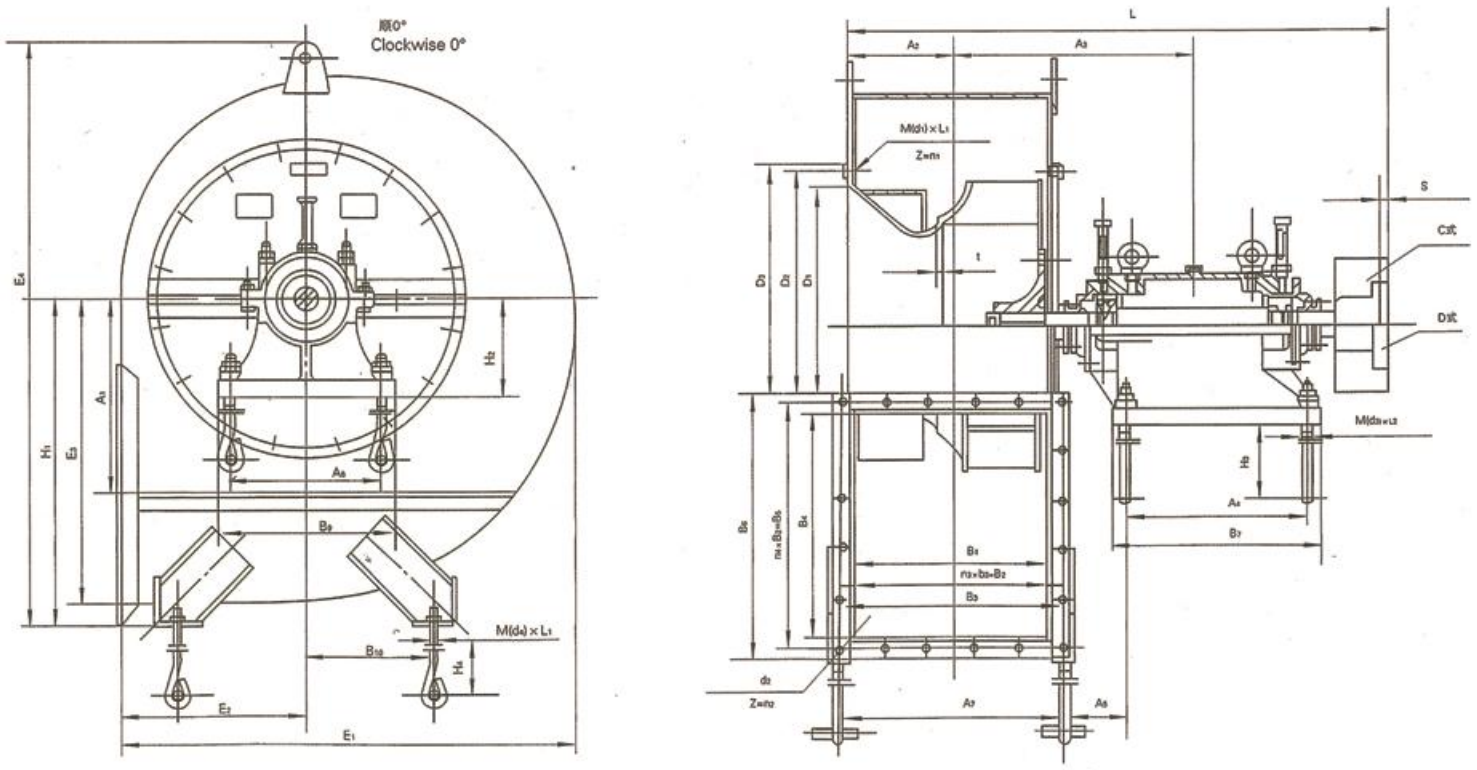






## 4-72-12、F4-72-12、B4-72-12 № 2.8~6A离心通风机安装及外形尺寸

Installment and external dimensions of 4-72-12,F4-72-12,B4-72-12 №2.8~6A centrifugal fan

| 机号No. Serial number | | | | 2.8 | 3.2 | | 3.6 | | 4 | | 4.5 | | 5 | | 6 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 进风口 Intake | $D_1$ | | | φ280 | φ320 | | φ360 | | φ400 | | φ450 | | φ500 | | φ600 | |
| | $D_2$ | | | φ306 | φ350 | | φ394 | | φ440 | | φ490 | | φ550 | | φ650 | |
| | $D_3$ | | | φ324 | φ367 | | φ416 | | φ462 | | φ512 | | φ572 | | φ676 | |
| | 连接螺栓 Connecting bolt | 规格 Specification | $M(d_1)\times l_1$ | M6×30 | M6×30 | | M8×35 | | M8×35 | | M8×35 | | M8×35 | | M10×40 | |
| | | 个数 Number | $n_1$ | 10 | 12 | | 12 | | 12 | | 12 | | 16 | | 16 | |
| 出风口 Outlet | $B_1$ | | | 196 | 224 | | 252 | | 280 | | 315 | | 350 | | 420 | |
| | $B_2$ | | | 228 | 256 | | 284 | | 315 | | 350 | | 385 | | 455 | |
| | $B_3$ | | | 251 | 279 | | 308 | | 336 | | 371 | | 406 | | 476 | |
| | $B_4$ | | | 224 | 256 | | 288 | | 320 | | 360 | | 400 | | 480 | |
| | $B_5$ | | | 256 | 288 | | 320 | | 355 | | 395 | | 435 | | 511 | |
| | $B_6$ | | | 278 | 310 | | 343 | | 374 | | 415 | | 456 | | 536 | |
| | 螺栓孔 Bolt hole | 个数 Number | $n_2$ | 16 | 16 | | 16 | | 20 | | 20 | | 20 | | 24 | |
| | | 间距 Spacing | $n_2\cdot b_4$ | 3×55 | 3×60 | | 3×70 | | 4×60 | | 4×70 | | 4×75 | | 5×75 | |
| | | | $n_4\cdot b_2$ | 3×63 | 3×63 | | 3×72 | | 4×80 | | 4×78 | | 4×88 | | 5×87 | |
| 安装及外形尺寸 Installment and external dimen-sions | $A_1$ | | | 196 | 224 | | 252 | | 280 | | 315 | | 350 | | 420 | |
| | $A_2$ | | | 100 | 114.5 | | 129 | | 143 | | 160.5 | | 178 | | 213 | |
| | $A_3$ | | | 206 | 220.5 | 233 | 235 | 262 | 249 | 302 | 266.5 | 319.5 | 311 | 391 | 346 | 353 |
| | $E_1$ | | | 455 | 519 | | 584 | | 647 | | 728 | | 809 | | 969 | |
| | $E_2$ | | | 187 | 213 | | 239.5 | | 265 | | 298 | | 331 | | 396 | |
| | $E_3$ | | | 268 | 306 | | 344.5 | | 382 | | 430 | | 478 | | 573 | |
| | $E_4$ | | | 226 | 258 | | 290.5 | | 322 | | 362.5 | | 403 | | 483 | |
| | $E_5$ | | | 310 | 354 | | 398.5 | | 442 | | 497.5 | | 553 | | 663 | |
| | $E_6$ | | | 561 | 637 | | 714 | | 789 | | 885 | | 981 | | 1171 | |
| | $L_1$ | | | 490 | 300 | | 320 | | 360 | | 360 | | 700 | | 420 | |
| | W | | | 300 | 530 | | 530 | | 550 | | 600 | | 380 | | 770 | |
| | 地脚螺栓 Foot bolt | | $M(d_3)\times L_2$ | M10×250 | | | | | | | | | | | | |
| Y 电机 Motor | L | | | 485 | 514 | 539 | 543 | 603 | 571 | 706 | 606 | 741 | 701 | 8781 | 771 | 791 |
| | 电机重 kg Motor weight | | | 21 | 22 | 24 | 22 | 32 | 22 | 65 | 22 | 70 | 32 | 123 | 30 | 45 |
| 叶轮重 kg Impeller weight | | | | 5.2 | 6.6 | | 7.8 | | 17.8 | | 20.5 | | 24 | | 31 | |
| 风机重（不包括电机）kg Fan weight | | | | 22 | 25 | | 31 | | 54 | | 64 | | 76 | | 106 | |




## 4–72–12、F4–72–12、B4–72–12 № 2.8~6A离心通风机安装及外形尺寸

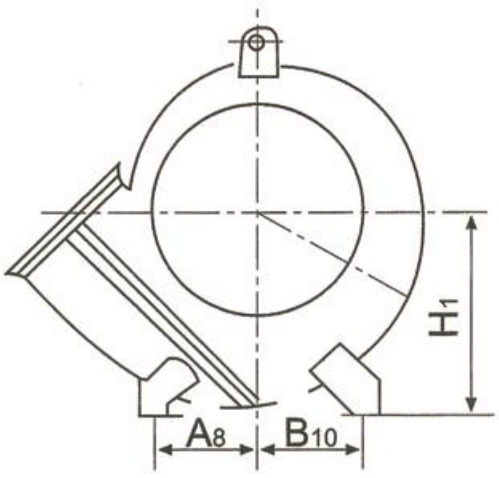
Installment and external dimensions of 4-72-12,F4-72-12,B4-72-12 №2.8~6A centrifugal fan

| 机号No. Serial number | | | | 8 | 10 | 12 |
|---|---|---|---|---|---|---|
| 进风口 Intake | $D_1$ | | | ϕ800 | ϕ1000 | ϕ1200 |
| | $D_2$ | | | ϕ860 | ϕ1065 | ϕ1270 |
| | $D_3$ | | | ϕ910 | ϕ1110 | ϕ1330 |
| | 连接螺栓 Connecting bolt | 规格 Specification | $M(d_1)\times l_1$ | M10×20 | M10×20 | M10×20 |
| | | 个数 Number | $n_1$ | 16 | 16 | 24 |
| 出风口 Outlet | $B_1$ | | | 560 | 700 | 840 |
| | $B_2$ | | | 625 | 765 | 900 |
| | $B_3$ | | | 669 | 809 | 949 |
| | $B_4$ | | | 640 | 800 | 960 |
| | $B_5$ | | | 700 | 860 | 1008 |
| | $B_6$ | | | 746 | 906 | 1066 |
| | 螺栓孔 Bolt hole | 直径 | $d_2$ | ϕ15 | ϕ15 | ϕ15 |
| | | 个数 Number | $n_2$ | 20 | 20 | 24 |
| | | 间距 Spacing | $n_2\cdot b_4$ | 5×125 | 5×153 | 6×150 |
| | | | $n_4\cdot b_2$ | 5×140 | 5×172 | 6×168 |
| 安装及外形尺寸 Installment and external dimen–sions | $A_1$ | | | 560 | 700 | 840 |
| | $A_2$ | | | 297.5 | 367.5 | 437.5 |
| | $A_3$ | | | 697 | 759 | 932 |
| | $A_4$ | | | 520 | 520 | 700 |
| | $A_5$ | | | 174 | 166 | 208.5 |
| | $A_6$ | | | 440 | 440 | 620 |
| | $A_7$ | | | 640 | 780 | 920 |
| | t | | | 8 | 10 | 12 |
| | $B_7$ | | | 590 | 590 | 780 |
| | $B_9$ | | | 510 | 510 | 700 |
| | $E_1$ | | | 1291 | 1611 | 1931 |
| | $E_2$ | | | 528 | 658 | 788 |
| | $E_3$ | | | 883 | 1103 | 1323 |
| | $E_4$ | | | 1715 | 2095 | 2475 |
| | $H_2$ | | | 280 | 280 | 375 |
| | $H_3$ | | | 520 | 520 | 500 |
| | $H_4$ | | | 360 | 360 | 360 |
| | L | | | 1541.5 | 1674.5 | 2021.5 |
| | S | | | 2 | 2 | 2 |
| | 地脚螺栓 Foot bolt | | $M(d_3)\times L_2$ | M24×63 | M24×63 | M24×63 |
| | | | $M(d_4)\times L_3$ | M16×63 | M16×63 | M16×63 |

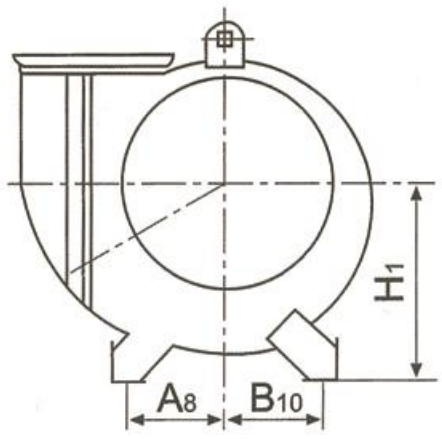
## B 4-72-12 / 4-72-12 №8、10、12 DC 离心通风机地脚尺寸图

Foot dimensional drawing of centrifugal fan

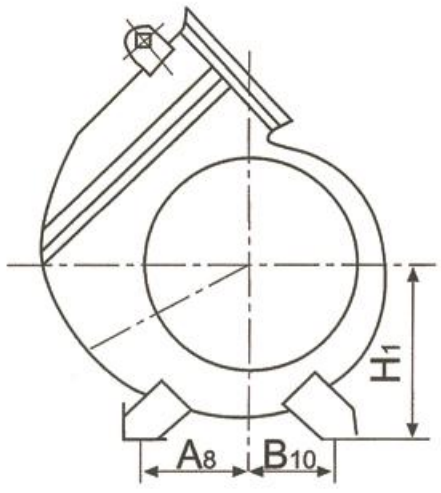
Clockwise45°
顺45°



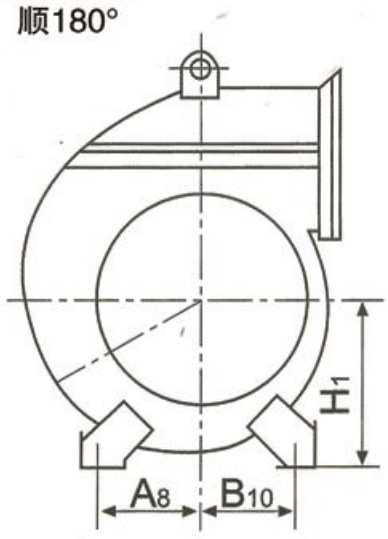

Clockwise 90°
顺90°



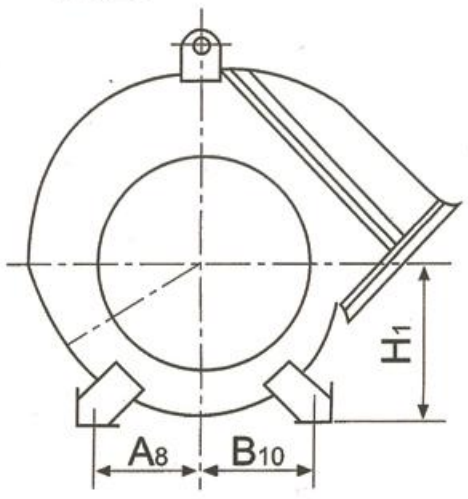

Clockwise 135°
顺135°




Clockwise 180°
顺180°




Clockwise 225°
顺225°




## B 4-72-12 / 4-72-12 №8、10、12 DC 离心通风机地脚尺寸表

Foot size table of centrifugal fan

| 机号No. Serial number | 45° | | | 90° | | | 135° | | | 180° | | | 225° | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | $H_1$ | $A_8$ | $B_{10}$ | $H_1$ | $A_8$ | $B_{10}$ | $H_1$ | $A_8$ | $B_{10}$ | $H_1$ | $A_8$ | $B_{10}$ | $H_1$ | $A_8$ | $B_{10}$ |
| №8 | 890 | 450 | 400 | 810 | 450 | 400 | 750 | 450 | 400 | 700 | 450 | 400 | 700 | 450 | 400 |
| №10 | 1100 | 550 | 500 | 1000 | 550 | 500 | 950 | 550 | 500 | 850 | 550 | 500 | 800 | 550 | 500 |
| №12 | 1300 | 650 | 600 | 1200 | 650 | 600 | 1100 | 650 | 600 | 1050 | 650 | 600 | 1000 | 600 | 650 |

# FBZ系列低噪声方形壁式轴流风机

## FBZ Series of Low Noise Square Shape Wall Axial Fan

FBZ 系列钢制玻璃钢壁式轴流通风机具有重量轻、噪声低、运行平稳、效率高、耐腐蚀等优点。可用作机械、化工、印染、电镀、造纸、食品、医药等行业和剧院、宾馆、办公室、各种住宅通风换气之用。

该系列风机叶轮采用低转速，高压力系数的设计方法研制而成，大弦长，空间扭曲，倾斜式宽叶片，使其在低速驱动的前提下，达到所需风量、风压，具有明显的效率高，噪音低，震动小，运行平稳等优点，叶轮采用玻璃钢材质或铝合金制成，也可配用防爆电机，可用于输送易燃易爆气体。

FBZ 系列壁式轴流风机，广泛试用于工矿企业，民用建筑等场合的壁式排风，并具有以下特点：

A：安装方便，外形美观，整体制成方形。 建筑设计时，墙体按不同型号予留方孔，风机从墙体外侧方入墙洞，风机外壳与墙体之间塞以橡皮或软木后，从墙体内侧用固定架将风机与墙体固定即可。

B：防雨和防自然风倒灌作用：风机出口靠外墙侧装有百叶风门，当风机停运时风门自动关闭，防止室内倒灌，风机开启时气流自动吹开风门。

C：运行平稳，噪声低：风机入口装有均流栅，既能确保气流稳定，又能起到安全网作用，方形整体安装牢固，震动小，运行平稳，噪声低。



FBZ series of glass fiber reinforced plastic wall axial fan has many characteristics such as low weight,low noise,smooth movement,high efficiency anti-corrosive and so on,besides the one of the metal similar.May serve as taking a breath in the places such as machinery,theater,guesthouse,office,each kind of housing and so on.

The impeller of this series of blower uses the design of slow-speed,the high pressure coefficient.The long chord,spatial distortion,incline and wide blade can make it achieve necessary volume and pressure at a low speed starting.It has many obvious characteristics such as high efficiency,low noise,slight vibration,smooth movement.The impeller is made of glass fiber reinforced plastic,may match the anti-explosion motor to transport the flammable and explosive gas.

FBZ series of wall axial fan is widely used in industry and mining enterprise and for discharging through wall,and has the following characteristics:

A:Convenient installation,beautiful contour and square shape.On architectural designing,should reserve a square hole.The fan is installed in the hole from the outside wall.Rubber or cork should be put between the scroll and wall.Fix the fan in the wall by bracket from inside the wall.

B:Prevent rain and natural wind flowing backward:Shutters is fixed at fan outlet near the outside the wall.When the fan turns off,the shutters shut-off automatically to prevent air flows backward.When turns on,the air current blows the shutters open automatically.

C:Steady movement,low noise:There is grid at the fan inlet to guarantee the current stably and play a safety net role.The square shape makes the fan install reliably,vibrate slightly, move steady and create noise lowly.

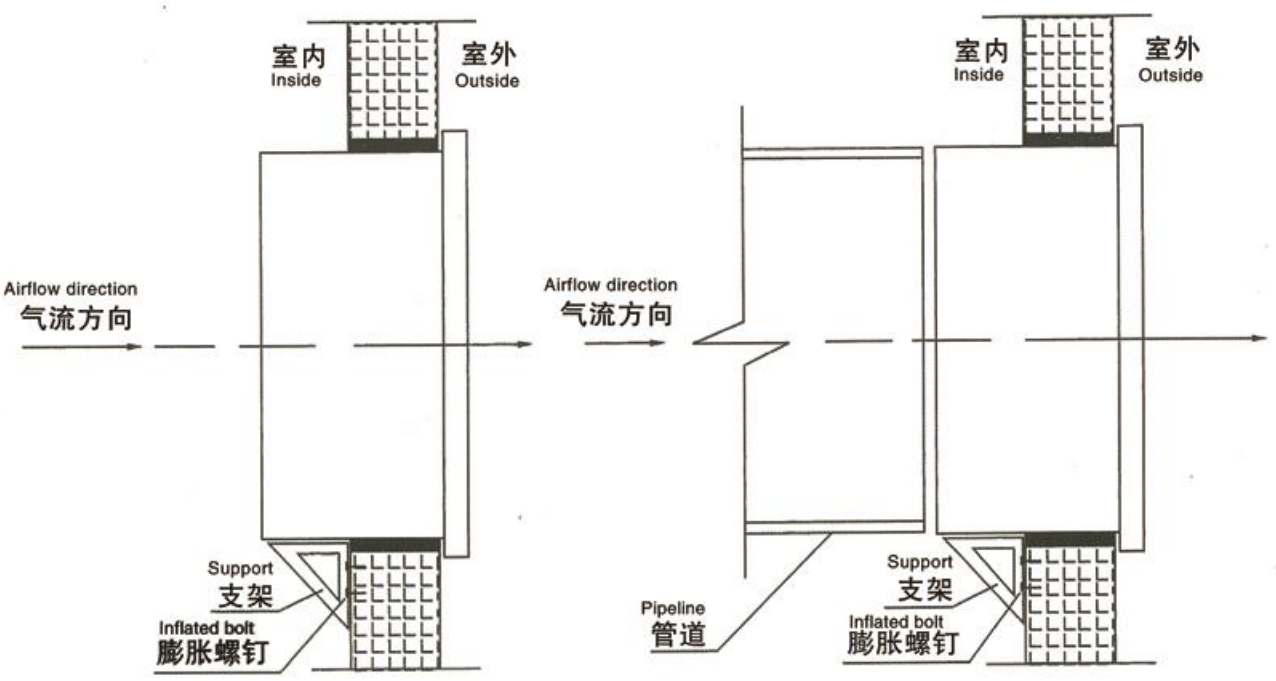
## FBZ系列壁式风机性能参数表

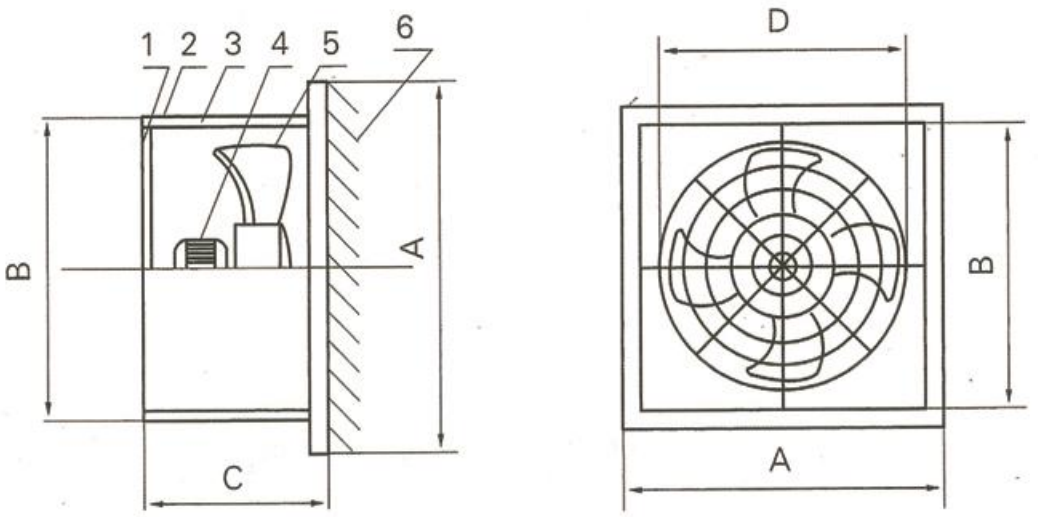
Performance Parameter of FBZ Series of Wall Blower

| 机号 Serial number | 风量（$m^3/h$） Volume | 风压（Pa） Pressure | 转速（rpm） Speed | 风机容量(KW) Capacity | 噪声(dB(A)) Noise |
|---|---|---|---|---|---|
| 2.2F | 400 | 29.0 | 1450 | 0.025 | 54 |
| 2.5F | 1000 | 52.0 | 1450 | 0.060 | 60 |
| 2.5T | 2000 | 216 | 2900 | 0.370 | 72 |
| 2.8F | 1230 | 45.0 | 1450 | 0.040 | 60 |
| | 1650 | 58.0 | 1450 | 0.060 | 60 |
| 3.0F | 1600 | 39.0 | 1450 | 0.250 | 62 |
| 3.2T | 3000 | 205 | 2900 | 0.550 | 75 |
| 3.6F | 2480 | 73.0 | 1450 | 0.090 | 63 |
| | 3370 | 76.0 | 1450 | 0.120 | 63 |
| 4.0S | 4000 | 98 | 960 | 0.25 | 63 |
| 4.0F | 5000 | 165 | 1450 | 0.37 | 67 |
| 4.5F | 5870 | 121 | 1450 | 0.25 | 65 |
| | 6360 | 139 | 1450 | 0.37 | 66 |
| 5.0E | 6000 | 79 | 720 | 0.75 | 63 |
| 5.0S | 7000 | 126 | 960 | 0.55 | 68 |
| 5.0F | 8100 | 162 | 1450 | 1.1 | 73 |
| 5.6S | 7410 | 82 | 960 | 0.37 | 69 |
| 6.3E | 9500 | 89 | 720 | 2.20 | 67 |
| 6.3S | 12000 | 190 | 960 | 1.1 | 75 |
| 6.3F | 48500 | 120 | 960 | 5.0 | 85 |
| 7.0E | 15000 | 290 | 1450 | 2.2 | 79 |
| 7.0S | 38000 | 220 | 720 | 3.0 | 81 |
| 7.0F | 28000 | 290 | 1450 | 4.0 | 82 |
| 8.0E | 25000 | 197 | 960 | 2.2 | 80 |
| 8.0S | 22000 | 160 | 720 | 1.5 | 76 |
| 8.0F | 25000 | 320 | 1450 | 3.0 | 80 |
| 10.0E | 20000 | 210 | 960 | 2.2 | 78 |
| 10.0S | 14500 | 140 | 720 | 1.1 | 72 |

配用电机为三相。

The matched motor is three-phases.




## FBZ系列壁式风机外型尺寸及安装孔尺寸表

External Dimensions and Installment Hole of FBZ Series of Wall Blower

| 机号NO. Serial number / 尺寸mm Size | A | B | C | D | 安装孔尺寸 Installment hole |
|---|---|---|---|---|---|
| 2.2 | 455 | 415 | 350 | 330 | 450×450 |
| 2.5 | 495 | 455 | 380 | 370 | 490×490 |
| 2.8 | 535 | 495 | 400 | 410 | 530×530 |
| 3.0 | 605 | 565 | 420 | 460 | 600×600 |
| 3.2 | 1130 | 1070 | 630 | 1010 | 1110×1110 |
| 3.6 | 655 | 615 | 440 | 510 | 650×650 |
| 4.0 | 960 | 920 | 600 | 800 | 960×960 |
| 4.5 | 830 | 790 | 530 | 700 | 830×830 |
| 5.0 | 785 | 745 | 500 | 640 | 780×780 |
| 5.6 | 715 | 675 | 470 | 570 | 710×710 |
| 6.3 | 340 | 300 | 300 | 220 | 330×330 |
| 7.0 | 375 | 335 | 320 | 250 | 365×365 |
| 8.0 | 415 | 375 | 320 | 290 | 410×410 |
| 10.0 | 420 | 380 | 350 | 300 | 415×415 |

# GS型轴流暖风机

## The GS axial flow warm air blower

### 产品说明

Product introduction

GS型热水暖风机是以热水为热媒，用来加热空气，供厂矿企业、生产车间及其它大型建筑物中的热风采暖。改型暖风机是经过热工性能实验的性能稳定可靠的产品。

The GS hot-water warm air blower the hot water as heat carrier to heat up the air,for hot blast heating in factory and mining enterprise,production workshop and other large-scale building.this warm air blower is a stable and reliable performance product passed through the hot working performance test.

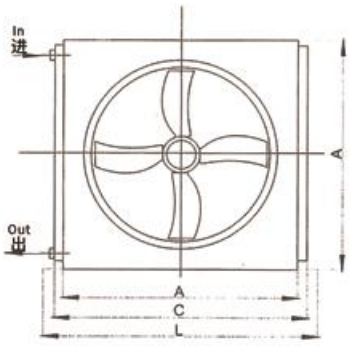


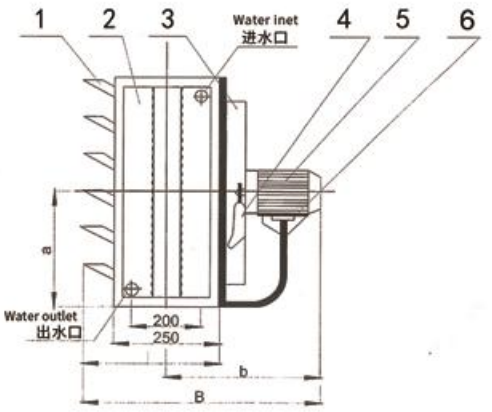
### GS型轴流暖风机技术参数

Technology parameter of GS axial flow warm air blower

| 型号规格 Model specification | 热工性能 Thermo-performance | | | | | | 风量（$m^3/h$） Volume | 风速（m/s） Speed | 电机功（kw） Motor power | 重量（kg） Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| | 进风温度（℃） Intake temperature | 进水温度（℃） Inlet water temperature | 回水温度（℃） Return water temperature | 供热量（kw） Heat capacity | 出风温度（℃） Outlet temperature | 耗水量（kg/h） Water consumption | | | | |
| 4GS | 10 | 80 | 67.5 | 15.2 | 44.6 | 1050 | 2000 | 2.3 | 0.25 | 62 |
| | | 90 | 75.6 | 17.7 | 50.2 | 1050 | | | | |
| | 15 | 80 | 68.5 | 14.1 | 46.9 | 1050 | | | | |
| | | 90 | 77.0 | 15.9 | 51.2 | 1050 | | | | |
| 5GS | 10 | 80 | 62.5 | 29.0 | 40.1 | 1450 | 3000 | 2.3 | 0.37 | 79 |
| | | 90 | 70.5 | 32.9 | 44.1 | 1450 | | | | |
| | | 110 | 78.5 | 40.8 | 52.2 | 1100 | | | | |
| | | 130 | 91.5 | 49.3 | 61 | 1100 | | | | |
| | 15 | 80 | 64.0 | 27.0 | 43 | 1450 | | | | |
| | | 90 | 71.7 | 30.7 | 46.9 | 1450 | | | | |
| | | 110 | 79.8 | 38.7 | 55 | 1100 | | | | |
| | | 130 | 93.0 | 47.4 | 64 | 1100 | | | | |
| 7GS | 10 | 80 | 53.2 | 52.4 | 39.2 | 1860 | 6600 | 3.0 | 0.75 | 102 |
| | | 90 | 57.7 | 60.2 | 45.8 | 1520 | | | | |
| | | 110 | 69.5 | | 46.7 | 1520 | | | | |
| | | 130 | 65.6 | | 45.7 | 995 | | | | |
| | 15 | 80 | 55.5 | 68.1 | 41.8 | 1860 | | | | |
| | | 90 | 62.3 | 71.5 | 45.7 | 1520 | | | | |
| | | 110 | 71.5 | 72.0 | 49.9 | 1520 | | | | |
| | | 130 | 68.4 | 82.4 | 50.9 | 995 | | | | |
| 8GS | 10 | 80 | 52.5 | 100.1 | 33.5 | 2250 | 8500 | 2.6 | 1.1 | 160 |
| | | 90 | 58.5 | 110.7 | 42.6 | 2250 | | | | |
| | | 110 | 61.0 | 67.0 | 49.5 | 2000 | | | | |
| | | 130 | 71.0 | 78.0 | 54 | 1610 | | | | |
| | 15 | 80 | 54.4 | 95.5 | 41.5 | 2250 | | | | |
| | | 90 | 60.3 | 106.0 | 46 | 2250 | | | | |
| | | 110 | 69.0 | 57.1 | 52.5 | 2000 | | | | |
| | | 130 | 73.5 | 69.9 | 57 | 1610 | | | | |

## 外形尺寸
External dimensions




1– 百叶窗 2– 热交换器 3– 集风器 4– 叶轮 5– 电动机 6– 电机支架
1. Shutters 2.Heat interchanger 3.Wind collector 4.Impeller 5.Motor 6.Motor support

| 配用通风机型号 Matched ventilator model | | 03–11z №4 | 03–11x №5 | 03–11x №7 | 03–11x №8 |
|---|---|---|---|---|---|
| 主要外形尺寸（mm） Main external dimensions | A | 500 | 670 | 840 | 1000 |
| | B | 607 | 623 | 738 | 769 |
| | C | 498 | 668 | 838 | 998 |
| | a | 250 | 335 | 420 | 500 |
| | b | 413 | 413 | 518 | 544 |
| | L | 596 | 766 | 936 | 1096 |
| | I | 337 | 350 | 360 | 367 |
| | φ | 410 | 510 | 710 | 810 |
| | G | $1\frac{1}{4}$" | $1\frac{1}{2}$" | $1\frac{1}{2}$" | 1 |
| 重量（kg） Weight | | 62 | 79 | 102 | 160 |

## 暖风机的安装、使用、维护说明
Installment use, maintenance instruction of warm air blower

1、安装

a、暖风机的进回水管上应设截止阀。

b、若暖风机的进风口直接与室外相通，应在室外进风口设闭塞装置，以防不用时，散热管被冻坏。

c、暖风机停用时，一定要将其中的水放干净。

2、使用

a、暖风机运转前，必须排净管路系统及散热管中的冷空气。

b、暖风机的热风温度一般应保持在 85℃以上，最低不能低于 80℃。 其流通水量必须使散热排管中的水流速度大于 0. 2m / s，方能使用。

3、维护

a、应定期用压缩空气和水冲洗暖风机，工作 2~3 年后，应用化学方法，除去排管中的水垢。

b、热水应经过软化处理，以减少水垢的产生。

c、暖风机长期不用时，管路系统内应充满水，以减少腐蚀。

1.Installment

a、 The cut-off valve should be installed in the intake and return pipe of the warm air blower.

b、 If the intake of warm air blower interlinks with outdoor directly, should fit the blocking device at the intake in case the heat pipe were frozen as no using.

c、 The water must be drain off when no using.

2.Use

a、 Before the warm air blower turned on, must drain off all the cold air in the circuitry and heat pipe.

b、 The hot-blast temperature of warm air blower should be above 85 ℃, cannot lower than 80 ℃ at least. Its circulation water velocity must be bigger than 0.2m/S.

3.Maintenance

a、 Flush the warm air blower with compressed air or water. After 2~3 year work, use chemical to clean the drain pipe.

b、 The hot water should be softened in order to reduce the scale production.

c、 The circuitry of warm air blower should be full of water when no use for a long time to reduce the corrosion.



# 客户服务

## 一、售前服务

◆免费为用户提供技术咨询服务，向用户提供产品样本，企业简介、资信证明等资料。

◆邀请用户来我公司考察产品设计，产品制造流程、产品样机、产品检测设施和质量体系。

◆为方便用户，我公司可委派经验丰富的技术人员到贵方现场，根据情况和用户提供的技术参数。免费设计选型。

## 二、售中服务

产品制造过程中，邀请用户有关人员到我公司察看制造过程中相关工序的检验，并向用户有关人员提供产品的检验标准和检验结果。

## 三、售后服务

在用户保证提供的技术参数准确无误并按照正常操作的前提下，我公司提供的各种产品，质保期为12个月，终身服务。

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