

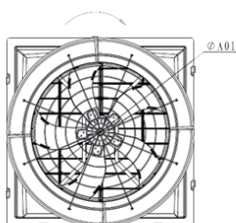
MPF SERIES



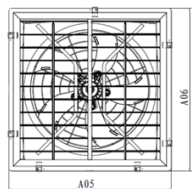
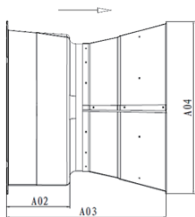
ADVANTAGES

- Adapt to various farm buildings, especially for the application ranging from -75Pa to -120Pa. It is an ideal choice to provide ventilation supporting for breeding houses equipped with filters or deodorizing systems and high-rise multistory breeding buildings.

Rotation direction



Airflow direction



| Model No. | | MPF625B2-077-00 | | | MPF915B3-081-00 | | MPF1300B4-106-00 | | MPF1450B4-120-00 | |
|---------------------------|-------------------------------|-----------------|------------|----------|-----------------|------------|------------------|------------|------------------|------------|
| Diameter of blades (inch) | | 24" | | | 36" | | 51" | | 57" | |
| Motor* | Voltage (V) | 380 | 230 / 460 | 115 /230 | 380 | 230 / 460 | 380 | 230 / 460 | 380 | 230 / 460 |
| | Hertz (Hz) | 50 | 60 | | 50 | 60 | 50 | 60 | 50 | 60 |
| | Phase | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Power (KW) | 0.75 | | | 1.1 | | 1.8 | | 2.5 | |
| | Current @100Pa / 0.4inH2O (A) | 2.2 | | | 3.5 | | 4.9 | | 6.7 | |
| Performance | Pressure | Airflow | | | Airflow | | Airflow | | Airflow | |
| | Pa / inH2O | (m ^3/hr.) | (cfm) | | (m ^3/hr.) | (cfm) | (m ^3/hr.) | (cfm) | (m ^3/hr.) | (cfm) |
| | -50 / -0.2 | 15600 | 9180 | | 25800 | 15180 | 42500 | 25029 | 56800 | 33410 |
| | -75 / -0.3 | 14600 | 8590 | | 23500 | 13820 | 37500 | 22084 | 52000 | 30590 |
| | -100 / -0.4 | 13400 | 7880 | | 19000 | 11180 | 31000 | 18257 | 45200 | 26590 |
| | Efficiency @100Pa/0.4 inH2O | (cmh/ Watt) | (cfm/Watt) | | (cmh/ Watt) | (cfm/Watt) | (cmh/ Watt) | (cfm/Watt) | (cmh/ Watt) | (cfm/Watt) |
| | | 11.2 | 6.6 | | 13.2 | 7.8 | 13 | 7.7 | 16.5 | 9.7 |
| Features | Drive | Direct Drive | | | | | | | | |
| | Propeller | 5-Aluminum | | | 6-Aluminum | | 4-Aluminum | | 5-Aluminum | |
| | Louver | Aluminum | | | | | | | | |
| Dimension (mm) | A01 | 625 | | | 915 | | 1290 | | 1450 | |
| | A02 | 373 | | | 464 | | 390 | | 390 | |
| | A03 | 987 | | | 1182 | | 1370 | | 1308 | |
| | A04 | 850 | | | 1270 | | 1595 | | 1780 | |
| | A05 | 903 | | | 1269 | | 1594 | | 1742 | |
| | A06 | 903 | | | 1269 | | 1594 | | 1742 | |
| | Dimension of opening (mm) | 805x805 | | | 1150x1150 | | 1510x1510 | | 1670x1670 | |

Features & Advantages



Large Air Flow

Being optimized with fluid simulation design, the high-strength die-cast airfoil aluminum propeller provides large air flow to ensure adequate air circulation in the breeding house.



Low Noise

The smooth propeller shape and high dynamic balance accuracy makes tiny friction coefficient between the blade and air combined with small resonance during running, which ensures low noise and improves the living comfort for the animals.



Maintenance Free

Direct driving with high transmission efficiency and simple structure eliminates the trouble of regular belt replacement and reduces the using cost.



High Efficiency

IP55 waterproof and dustproof protection, F class insulation, ultra-efficient motor with 85% efficiency enables animal producers to save breeding costs and increase profits.



High Corrosion Resistance

The high-strength fiberglass reinforced house, powder-sprayed steel protective mesh, combined with SUS304 stainless steel accessories provide excellent corrosion resistance and durability.



Customer-oriented Option

Fixed speed version or variable frequency version, aluminium shutter or PVC louver is optional to meet various needs.

