



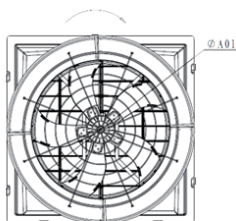
MPF SERIES



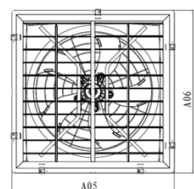
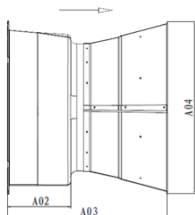
ADVANTAGES

- 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		5.2		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	44500	26180	56800	33410
	-75 / -0.3	14600	8590		23500	13820	39500	23240	52000	30590
	-100 / -0.4	13400	7880		19000	11180	34000	20000	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		12.9	7.6	14.4	8.5	16.5	9.7
Features	Drive	Direct Drive								
	Propeller	5-Aluminum			3-Aluminum		4-Aluminum		5-Aluminum	
Dimension (mm)	A01	625			915		1290		1450	
	A02	373			464		390		390	
	A03	987			1182		1367		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 shutter is optional to meet various needs.

