

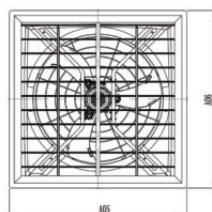
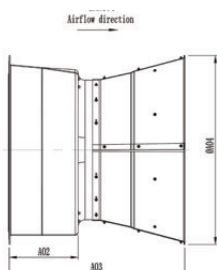
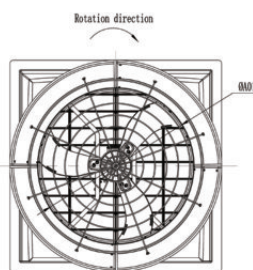
ESF SERIES



ADVANTAGES



- ▶ Fans-tech intelligent variable speed control of EC motor, endows the fan with full protections: such as phase failure, over-voltage, under-voltage, locked-rotor, over-current and temperature protection.
- ▶ Electric control aluminum alloy shutter, which can be fully opened in all speed range to ensure large air volume and high efficiency.
- ▶ Support centralized operation control of multiple fans (Optional).
- ▶ Variable speed can be achieved via 0 ~ 10V / PWM control signal, wide high-efficiency interval to ensure low power consumption.



Model No.		ESF625D5-077-00		ESF915D5-077-00		ESF1300D5-120-00		ESF1450D5-120-00	
Diameter of blades (inch)		24"		36"		51"		57"	
Motor*	Voltage (V)	220	115 / 230	220	115 / 230	230		230	
	Hertz (Hz)	50	60	50	60	60		60	
	Phase	1	1	1	1	3		3	
		*24", 36", 51" and 57"options include other voltages not mentioned above, 1 phase or 3 phase, 50Hz or 60Hz							
	Power (KW)	0.37		0.55		1.1		1.5	
Current @ 0Pa / inH2O (A)	3	6/3	5.5	11/5.5	4.6		5.5		
Performance	Pressure	Airflow		Airflow		Airflow		Airflow	
	Pa / inH2O	(m ^3/hr.)	(cfm)	(m ^3/hr.)	(cfm)	(m ^3/hr.)	(cfm)	(m ^3/hr.)	(cfm)
	0 / 0	13600	8000	23580	13870	45000	26470	60000	35294
	-25 / -0.1	12300	7240	21430	12600	42000	24730	54000	31764
	-50 / -0.2	10800	6350	19120	11250	35000	20600	48000	28235
	Efficiency	(cmh/ Watt)	(cfm/Watt)	(cmh/ Watt)	(cmh/ Watt)	(cmh/ Watt)	(cmh/ Watt)	(cmh/ Watt)	(cmh/ Watt)
		34	20	28.8	16.9	32.8	19.3	36.4	21.4
Features	Drive	Direct Drive							
	Propeller	5-Aluminum		3-Aluminum		4-Aluminum		5-Aluminum	
	Louver	PVC							
Dimension (mm)	A01	455		915		1290		1450	
	A02	368		272		262		433	
	A03	892		1162		1176		1330	
	A04	596		1125		1504		1649	
	A05	720		1170		1522		1710	
	A06	720		1170		1522		1710	
	Dimension of opening (mm)	615x615		1090x1090		1460x1460		1635x1635	