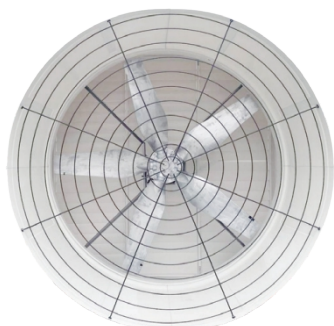
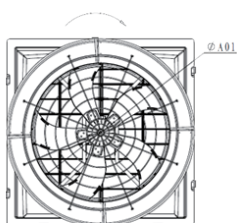


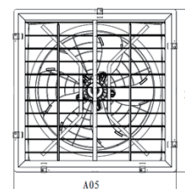
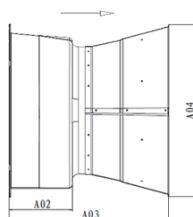
# SF SERIES



Rotation direction



Airflow direction



Model No.		SF455B2-070-00			SF625B3-077-00			SF915B3-077-00		SF1300B5-106-00		SF1450B5-120-00			
Diameter of blades (inch)		18"			24"			36"		51"		57"			
Motor*	Voltage (V)	380	230 / 460	115 /230	380	230 / 460	115 /230	380	230 / 460	380	230 / 460	380	230 / 460		
	Hertz (Hz)	50	60		50	60		50	60	50	60	50	60		
	Phase	3	3	1	3	3	1	3	3	3	3	3	3		
		*18" and 24" options include other voltages not mentioned above, 1 phase or 3 phase, 50Hz or 60Hz						*36", 51" and 57" options include other voltages not mentioned above, 3 phase, 50Hz or 60Hz							
	Power (KW)	0.37			0.37			0.55		1.1		1.8		1.5	
	Current @ 0Pa / inH2O (A)	0.8			1.14	2.5	2.1	1.7	3.2	4.7	7.5	4.5		8.4	
Performance	Pressure	Airflow			Airflow			Airflow		Airflow		Airflow		Airflow	
	Pa / inH2O	(m ^3/hr.)	(cfm)		(m ^3/hr.)	(cfm)		(m ^3/hr.)	(cfm)	(m ^3/hr.)	(cfm)	(m ^3/hr.)	(cfm)	(m ^3/hr.)	(cfm)
	0 / 0	6960	4090		12530	7370		21400	12590	45000	26470	60000	35294	58000	34117
	-25 / -0.1	6390	3760		11440	6730		19200	11290	42000	24730	54000	31764	52000	30588
	-50 / -0.2	5710	3360		9920	5840		16700	9620	35000	20600	48000	28235	46000	27058
	Efficiency	(cmh/ Watt)	(cfm/Watt)		(cmh/ Watt)	(cfm/Watt)		(cmh/ Watt)	(cfm/Watt)	(cmh/ Watt)	(cfm/Watt)	(cmh/ Watt)	(cmh/ Watt)	(cmh/ Watt)	(cfm/Watt)
		23.4	13.80		24.4	14.4		27.3	16.06	27.7	16.31	31	18.24	31	18.24
Features	Drive	Direct Drive													
	Propeller	5-Aluminum						3-Aluminum		4-Aluminum		5-Aluminum			
	Louver	PVC													
Dimension (mm)	A01	455			625			915		1290		1450			
	A02	368			373			464		346		433			
	A03	892			987			1182		1200		1330			
	A04	596			806			1270		1500		1640			
	A05	720			903			1269		1520		1710			
	A06	720			903			1269		1520		1710			
	Dimension of opening (mm)	615x615			805x805			1150x1150		1460x1460		1650x1650			

## 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.

