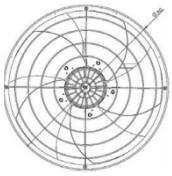
TF SERIES



Model No.		TF350A2-058-00		TF450A2-058-00		TF500A2-070-00		TF710B2-081-00	
Diameter of blades (inch)		14”		18”		20”		28"	
Motor*	Voltage (V)	220		220		220		380	
	Hertz (Hz)	50		50		50		50	
	Phase	1		1		1		3	
		*14", 18"and 20" options include other voltages not mentioned above, 1 phase, 50Hz *28" options include other voltages not mentioned above, 3 phase, 50Hz							
	Power (KW)	0.12		0.18		0.37		0.75	
	Current @ 0Pa / inH2O (A)	0.6		1.0		2.0		2.5	
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	2800	1650	4700	2770	8800	5180	15000	8800
	-40 / -0.16	2300	1350	4000	2350	7840	4610	13600	8000
	-60 / -0.24	2000	1180	2840	1670	6480	3810	13000	7650
	Efficiency	(cmh/ Watt)	(cfm/Watt)	(cmh/ Watt)	(cfm/Watt)	(cmh/ Watt)	(cfm/Watt)	(cmh/ Watt)	(cfm/Watt)
		25.9	15.2	23.0	13.5	20.0	11.8	15.2	8.9
Features	Drive	Direct Drive							
	Propeller	5-Nylon		5-Nylon		5-Nylon		5-Aluminum	
Dimension (mm)	A0	400		500		560		770	
	A1	300		300		320		380	

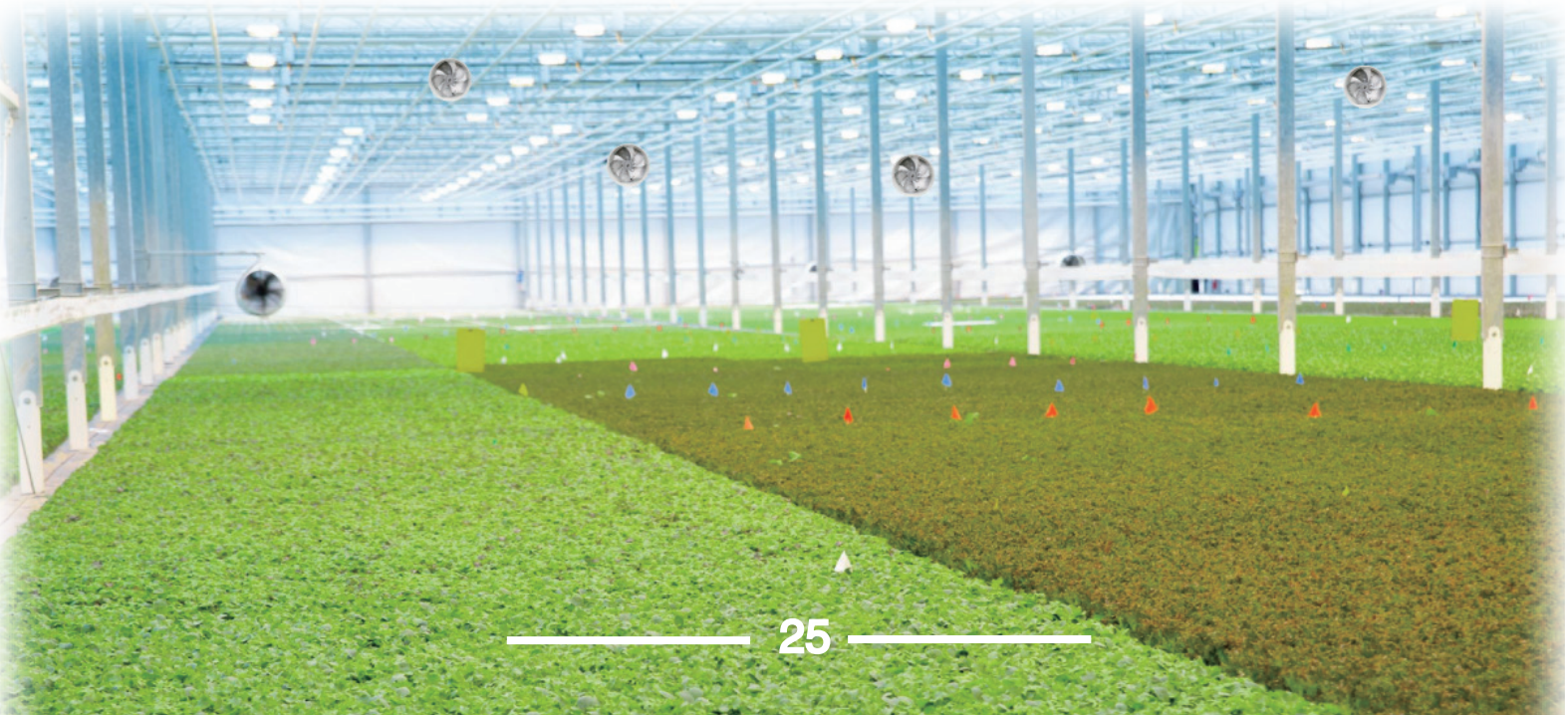
Features & Advantages

- **Large airflow**
  Being optimized with fluid simulation design, excellent performance and large air flow to ensure adequate air circulation.

- **Low noise**
  High-strength nylon propeller with anti-deformation, smooth blade shape and low operating load, which ensures low noise and help to improve the comfort of animals' living environment.

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

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

- **Anti-corrosion**
  High molecular polymer fiberglass reinforced shell with light weight, anti-corrosion and good strength.

- **Long service life**
  Powder-spayed metal bracket provides good structural strength, terrific anti-rust ability and long service life.