

Special Application Agriculture Single Phase Aeration Fan & Crop Dryer



APPLICATIONS:

Designed for air over applications or fans mounted directly on the motor shaft. Specifically designed for use on vane axial crop dryers and aeration fans.

FEATURES:

Aeration Fan

- Totally Enclosed Air Over
- Class B Insulation On 56 Frame
- Class F Insulation On 140 Frame
- Keyed Shaft Drilled On Center 1" Deep & Tapped 1/4" UNC
- 56Z Frame Motors Have 5/8" Dia. X 2-1/4" Long Shaft
- F1 Assembly Position

Crop Dryer

- Open Dripproof Air-Over
- Thermostat Protected (Overheating Protection)*
- Non-Standard 1-1/8" Diameter x 3-1/4" Long Keyed Shaft Is Drilled On Center 1" Deep & Tapped 1/4-20 UNC
- Rodent Screens, Extra Long Leads, Class F Insulation
- F1 Assembly Position

Aeration Fan – Cap Start

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
1/2	3600	115/230	48	FD12CA1P4	\$194	DS-3FMP	1.00	9.0	16	73.2	7.4/3.7	24
	3600	115/230	56Z	FD12CA1PZ	\$196	DS-3F	1.00	10.3	20	73.2	7.4/3.7	24
3/4	3600	115/230	48	FD34CA1P4	\$204	DS-3FMP	1.00	8.5	21	74.2	10.6/5.3	24
	3600	115/230	56Z	FD34CA1PZ	\$229	DS-3SP	1.00	11.0	25	0	11.0/5.5	24
1	3600	115/230	56Z	FD1CA1PZ	\$272	DS-3SP	1.00	11.5	29	70	12.4/6.2	24
1-1/2	3600	115/230	143TZ	FD32CA1P14	\$374	DS-3SP	1.00	12.6	32	73	17.4/8.7	24
2	3600	115/230	143TZ	FD2CA1P14	\$441	DS-3F	1.00	13.6	42	75.5	22.2/11.1	24
3	3600	230	145TZ	FD3CA1K14	\$462	DS-3F	1.00	13.6	42	78.5	14.9	24, CSCR

Crop Dryer – Cap Start

HP	RPM	Voltage	Frame	Catalog Number	List	Discount Symbol	SF	"C" Dim. (inches)	Ship Wt. (lbs.)	Full Load Eff.	Full Load Amps	Notes
5-7	3600	230	184TZ	FD5CM1K18Z	\$746	DS-3SP	1.00	18.4	90	82.8	21.0	-
7.5-9	3600	230	184TZ	FD7CM1K18Z	\$797	DS-3SP	1.00	18.4	90	88.7	30.0	-
10-12	3600	230	215TZ	FD10CM1K21Z	\$1,195	DS-3SP	1.15	20.4	127	85.2	40.0	-

Note 24 Automatic Reset Thermal Overload Protector
Note CSCR Capacitor Start Capacitor Run

*Requires leads to be connected to control circuit of motor controller.