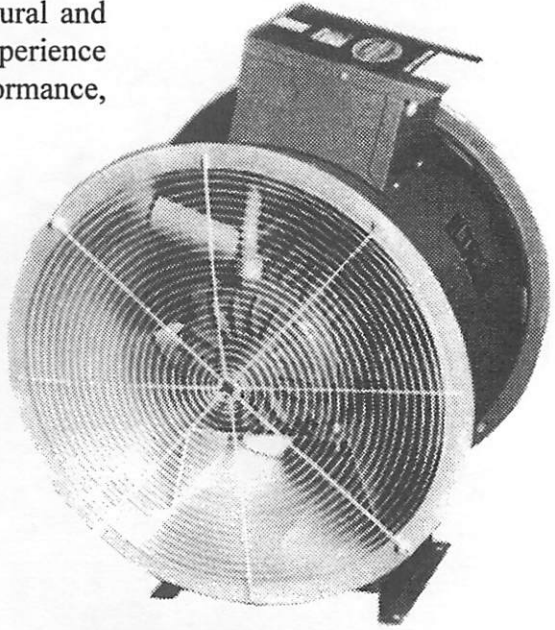


AXIAL AND CENTRIFUGAL FANS

These fans have long been the standard of quality for agricultural and industrial air moving equipment. Years of factory and field experience have refined the current models to a degree of excellence in performance, durability and overall value that is unmatched in the industry.

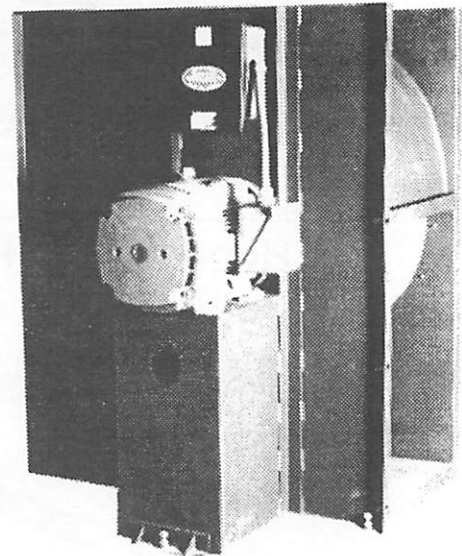
AXIAL FANS

Our axial fans are designed for economy and flexibility in applications calling for static pressures up to 4" WG. A top-quality electric motor is directly coupled to a cast aluminum impeller (blade) inside a heavy-gauge welded steel housing. All wiring is in sealed conduit and terminates in a weather-resistant junction box or optional control panel on the outside of the tubular housing. Hot-dipped galvanizing and heavy inlet/outlet guards are standard on our fans. Axial fans from 24" and larger may use gas or electric heat for efficient crop drying.



MODEL F CENTRIFUGAL FANS

KC Supply's Model F centrifugal fans offer solid, durable performance at an affordable price. This fan is an ideal choice for a wide variety of applications, including aeration and drying, due to the wide range of horsepower and static pressure capabilities. A premium electric motor directly drives a backwardly inclined airfoil wheel for a quiet, efficient, maintenance-free air delivery. Wheels are of continuously welded construction, and are dynamically balanced for smooth running and long service life. Non-overloading design delivers an even airflow without pulsation. Constructed of heavy gauge welded steel housing with hot-dipped galvanizing. Heater sections added to the inlet of the fan make the Model F an efficient grain dryer.



MODEL CA CENTRIFUGAL FANS

Model CA Centrifugal fans (3450 RPM) offer efficient air movement when high static pressures up to 20" WG are involved. The fans are commonly called "squirrel cages" due to the design of the blades. A totally enclosed fan cooled electric motor turns a backward-inline non-overloading wheel via direct connection. Dynamic wheel balance, rigid welded heavy steel housing and extensive factory testing of each unit assure a smooth running, durable and economical fan. A choice of 11 sizes allows the CA series to cover a wide variety of applications, including the aeration of large commercial grain storage tanks. Inlet and hot-dipped galvanized coating are standard on all Model CA fans.



Accessories:

- * Factory-mounted Motor Control Panels
- * Heating Units
- * Inlet Rain Hoods and Covers
- * Various Discharge Configuration for Centrifugal Fans

Note: CA Fans are typically 3-phase. Single phase can be custom designed.

AXIAL FANS Ratings are based on air of standard density, (0.75 lbs/cu ft). Performance shown is for axial fan with outlet duct and without inlet duct, with inlet screen mounted. Horsepower shown in parantheses is actual air-over power requirement at maximum load. Nominal motor horsepower ratings shown to the left of actual rating.	AXIAL FAN PERFORMANCE CHART - Fans operate at 3450 RPM												
	Model	Fan Diameter	Motor HP	Phase	Free Delivery	0.5"	1.0"	1.5"	2.0"	2.5"	3.0"	3.5"	4.0"
12751 12753	12	0.75 (0.83)	1 3		2500	2250	1800						
14101 14103	14	1.0 (1.3)	1 3		3900	3550	3000	1100					
18151 18153	18	1.5 (3.4)	1 3		5250	4850	4400	3900	3150	2200	1350		
18301 18303	18	3.0 (3.4)	1 3		6200	5900	5550	5200	4750	4150	2000		
24501 24505	24	5.0 (7.2)	1 3		13000	12500	12000	11000	10500	9500	8500	7500	5000
24751 24753	24	7.5 (9.3)	1 3		14500	14250	13700	12900	12250	11400	10400	9200	5500
26101 26103	26	10.0 (12.5)	1 3		15800	15250	14700	14150	13550	12900	12250	11450	10600
28101 28103	28	10.0 (14.0)	1 3		17300	16600	16100	15650	15100	14450	13750	13100	12200

MODEL F CENTRIFUGAL FAN Ratings based on air of standard density (0.075 lbs/cu ft). Performance shown is for Model F centrifugal fan with outlet duct and without inlet duct, with inlet screen mounted. Horsepower figures shown are nominal. Actual horsepower is within standard motor service factor range.	MODEL F CENTRIFUGAL FAN PERFORMANCE CHART - Fans operate at 1750 RPM																
	Model	Wheel Dia.	HP	Phase	Free Del.	1.0"	2.0"	3.0"	4.0"	5.0"	6.0"	7.0"	8.0"	9.0"	10.0"	11.0"	12.0"
F18151 F18153	18	1.5	1 3		3850	3400	2850	2350									
F22301 F22303	22	3.0	1 3		5550	5200	4650	3950	3400	2450							
F25501 F25501	25	5.0	1 3		8100	7550	7000	6400	5700	4750							
F25751 F25753	25	7.5	1 3		11700	11000	10200	9450	8600	7700							
F27101 F27103	27	10.0	1 3		13450	12700	11900	11100	10300	9400	8450	7350					
F27153	27	15	3		17650	16800	15900	14950	14000	13000	11850	10550					
F30203	30	20	3		19700	19200	18550	17850	16950	16000	15000	13750	12200	11100			
F30253	30	25	3		24200	23300	22300	21300	20250	19200	18050	16750	15700	10100			
F33303	33	30	3		23450	22800	22100	21350	20550	19750	18750	17700	16550	15350	13950	11450	
F33403	33	40	3		29600	28650	27700	26700	25650	24600	23550	22350	21100	19700	18100	15950	
F33503	33	50	3		32350	31900	31500	29600	28700	27700	26750	25600	24500	23200	21800	20000	17500

MODEL CA CENTRIFUGAL FANS Ratings are based on air of standard density (0.075 lb/cu ft). Tested with outlet duct and without inlet duct, with inlet screen mounted. Horsepower figures are nominal. Actual horsepower is within standard motor service factor range. Note: CA fans typically use three phase motors.	MODEL CA CENTRIFUGAL FAN PERFORMANCE CHART - Fans operate at 3450 RPM													
	Model	Wheel Dia	Motor HP	Free Del	2.0"	4.0"	6.0"	8.0"	10.0"	12.0"	14.0"	16.0"	18.0"	20.0"
CA15303	15	3.0		2550	2300	2100	1800	1500	1100					
CA15503	15	5.0		3900	3650	3350	3000	2550	1700					
CA18753	18	7.5		4250	4050	3800	3550	3300	2950	2500	1900			
CA18103	18	10.0		5750	5500	5250	4950	4600	4200	3700	2900			
CA18153	18	15.0		8100	7700	7300	6900	6450	5900	5300	4300			
CA22203	22	20.0		7600	7350	7050	6800	6550	6250	5950	5600	5200	4750	4100
CA22253	22	25.0		9050	8800	8500	8250	7950	7650	7300	6900	6500	6000	5350
CA22303	22	30.0		10650	10350	10050	9700	9400	9050	8650	8200	7800	7250	6550
CA22403	22	40.0		14400	14000	13550	13150	12750	12250	11750	11200	10550	9800	8800
CA22503	22	50		17800	17400	16900	16350	15850	15300	14750	14100	13450	12600	11500
CA22603	22	60		20900	20300	19750	19200	18600	18000	17300	16100	14600	13700	12500

**** ALL PERFORMANCE RATINGS ARE CFM AT STATIC PRESSURE (in inches WG) ****