

**STANDARD FEATURES**

- ◆ ½ hp three speed motor(s)
- ◆ Galvanized steel fan wheels & housings
- ◆ Lockable airfoil aluminum air directional vanes
- ◆ Filter included (washable)
- ◆ White aluminum exterior cabinet
- ◆ Adaptable to most ceiling types
- ◆ Bottom access panel
- ◆ Trim included to match air curtain
- ◆ Two year parts warranty
- ◆ Crafted with Pride in the USA

MODEL	Nozzle Width (in)	Max. Velocity (fpm)	Avg. Outlet Velocity (fpm)	Air Volume (scfm)	# Motor(s) @ hp	Power Rating (kW)	Outlet Velocity Unif. (%)	# Fans	Net Wgt. (lbs)	Ship Wgt. (lbs)
FCM1036E	36"	3500	1965	1812	1 @ ½	.68	79.6	2	74	93
FCM1042E	42"	3500	1716	1752	1 @ ½	.75	78.6	2	79	105
FCM1048E	48"	3500	1504	1882	1 @ ½	.73	54.6	2	82	109
FCM2060E	60"	3500	1805	2726	2 @ ½	1.18	74.0	3	105	151
FCM2072E	72"	3500	1965	3624	2 @ ½	1.36	71.9	3	128	174

MODEL #		208/1			240/1			208/3			240/3			480/3		600/3
		STANDARD	REDUCED		STANDARD	REDUCED		STANDARD	REDUCED		STANDARD	REDUCED		STANDARD	REDUCED	STANDARD
FCM1036E	kW's	10.0	7.5	5.6	10.0	7.4	5.2	10.0	7.4	5.6	10.0	7.5	5.2	10.0	6.9	10.0
FCM1042E	AMPS	48.1	36.1	26.9	41.9	31.0	21.8	27.8	20.6	15.6	24.1	18.1	12.5	12.0	8.3	10.0
FCM1048E																
FCM2060E	kW's	N/A	11.3	8.5	15.0	11.1	7.8	15.0	11.3	8.5	15.0	11.1	7.8	15.0	10.4	15.0
	AMPS		54.4	40.9	62.9	46.5	32.7	41.7	31.4	23.6	36.2	26.8	18.8	18.0	12.5	15.1
FCM2072E	kW's	N/A	11.2	N/A	N/A	10.4	N/A	20.0	15.0	11.2	20.0	15.0	10.4	20.0	13.8	20.0
	AMPS		53.9			43.6		55.6	41.7	31.1	48.2	36.2	25.1	24.0	16.6	20.1

MOTOR VOLTAGES/AMP DRAWS					
VOLTS	120	208	240	110*	220*
PHASE	1	1	1	1	1
HERTZ	60	60	60	50	50
AMPS per MOTOR	7.2	4.0	4.0	6.0	3.0

\*Operation at 50 Hz will generate approximately a 17% reduction in performance.



Sound level measured 10' (3m) from the unit in free field:  
**FCM (1 MOTOR) 55 dBA**  
**FCM (2 MOTORS) 58 dBA**

VELOCITY PROJECTION			
Distance from Nozzle (ft)	3	5	7
Core Velocity (fpm)	2060	1555	1300

*Berner reserves the right to alter specifications without prior notice.*