

STANDARD FEATURES

- ◆ ½ hp three speed motor(s)
- ◆ Factory installed “Intelliswitch” digital programmable controller - *see features below*
- ◆ High efficiency, low noise Pro-V Nozzle (patent pending)
- ◆ External j-box
- ◆ Galvanized steel fan wheels & housings
- ◆ Lockable airfoil aluminum air directional vanes
- ◆ Filter included (washable)
- ◆ Hinged white aluminum bottom access panel
- ◆ Powder coated inlet screen
- ◆ Five year parts warranty
- ◆ Crafted with Pride in the USA

OPTIONAL BOTTOM EXTERIOR FINISH

- ◆ Stainless steel
- ◆ Powder coated custom colors

MODEL	Nozzle Width (in)	Max. Velocity (fpm)	Avg. Outlet Velocity (fpm)†	Air Volume (scfm)†	# Motor(s) @ hp	Power Rating (kW)†	Outlet Velocity Unif. (%)†	Net Wgt. (lbs)	Ship Wgt. (lbs)
FCA1036A	36"	3800	1573	1376	1 @ 1/2	0.47	92	100	125
FCA1042A	42"	3800	1549	1581	1 @ 1/2	0.49	85	107	134
FCA1048A	48"	3800	1377	1607	1 @ 1/2	0.51	87	113	142
FCA1060A††	66"	3800	1027	1647	1 @ 1/2	0.52	85	133	166
FCA2060A	66"	3800	1674	2686	2 @ 1/2	0.92	91	170	213
FCA2072A	72"	3800	1573	2752	2 @ 1/2	0.94	92	177	221
FCA2084A	84"	3800	1549	3162	2 @ 1/2	0.98	85	202	252
FCA2096A	99"	3800	1336	3214	2 @ 1/2	1.02	87	215	268
FCA3096A††	99"	3800	1493	3593	3 @ 1/2	1.41	94	252	315
FCA2108A††	108"	3800	1243	3262	2 @ 1/2	1.04	85	222	278
FCA3108A	108"	3800	1573	4128	3 @ 1/2	1.45	85	259	324
FCA3120A	117"	3800	1596	4538	3 @ 1/2	1.45	85	269	336
FCA3132A	132"	3800	1431	4590	3 @ 1/2	1.49	87	291	364
FCA3144A	144"	3800	1377	4821	3 @ 1/2	1.53	87	304	380
FCA4144A	144"	3800	1573	5504	4 @ 1/2	1.88	92	341	426

Intelliswitch® Features

- ◆ Time Delay
- ◆ 3 Speed Fan Selection
- ◆ On/Off/Auto Operation
- ◆ Start/Stop Times
- ◆ Low Voltage Control Circuit
- ◆ Time Clock
- ◆ LED Display
- ◆ Lockable Display

POWER SUPPLIES/MOTOR AMP DRAWS							
VOLTS	120	208	240	480	600	220*	380*
PHASE	1	1	1	3	3	1	1
HERTZ	60	60	60	60	60	50	50
AMPS per MOTOR	6.5	3.5	3.5	1.4	1.0	3.5	3.5

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

VELOCITY PROFILE Model: FCA1036A			
Distance from Nozzle (ft)	3	6.5	10
Distance from Nozzle (m)	1	2	3
Core Velocity (fpm)	1889	1333	1028
Core Velocity (m/s)	9.60	6.77	5.22
Uniformity	90	85	87



Berner International Corporation certifies that the air curtains shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Program. Rated data shown is for base (unheated) units including standard washable filter.

†The AMCA Certified Ratings Seal applies to airflow rate, average outlet velocity, outlet velocity uniformity, velocity projection and power rating at free delivery only.

††Models FCA1060A, FCA3096A, FCA2108A, are not licensed to bear the AMCA seal.

Sound level measured 10' (3m) from the unit in free field:
60 dBA

AMCA Seal applies to air performance only.



Berner reserves the right to alter specifications without prior notice.