

**For Door Heights up to 12'**

**STANDARD FEATURES**

- 1/2 hp three speed motor(s)
- Factory installed "Intelliswitch" digital programmable controller - see features below
- High efficiency, low noise Pro-V Nozzle
- Galvanized steel blower wheels & housing
- Lockable aluminum airfoil 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 FEATURES**

- Stainless steel or custom color finish

| MODEL    | Nozzle Width (in) | Max FPM at Nozzle | Max CFM at Nozzle | CFM at Nozzle | AMCA Certified Lab Data |                   |                   |                       | Motor(s) @ hp | Net Wgt (lbs) |
|----------|-------------------|-------------------|-------------------|---------------|-------------------------|-------------------|-------------------|-----------------------|---------------|---------------|
|          |                   |                   |                   |               | Avg. Outlet Vel. (fpm)  | Air Volume (scfm) | Power Rating (kW) | Outlet Vel. Unif. (%) |               |               |
| FCA1036A | 36"               | 5444              | 4382              | 2849          | 1573                    | 1376              | 0.47              | 92                    | 1 @ 1/2       | 100           |
| FCA1042A | 42"               | 4828              | 4189              | 2723          | 1549                    | 1581              | 0.49              | 85                    | 1 @ 1/2       | 107           |
| FCA1048A | 48"               | 4839              | 4912              | 3193          | 1377                    | 1607              | 0.51              | 87                    | 1 @ 1/2       | 113           |
| FCA1060A | 66"               | 4828              | 5985              | 3890          | 1027                    | 1647              | 0.52              | 85                    | 1 @ 1/2       | 133           |
| FCA2060A | 66"               | 5202              | 6903              | 4487          | 1674                    | 2686              | 0.92              | 91                    | 2 @ 1/2       | 170           |
| FCA2072A | 72"               | 5444              | 8765              | 5697          | 1573                    | 2752              | 0.94              | 92                    | 2 @ 1/2       | 177           |
| FCA2084A | 84"               | 4828              | 8379              | 5446          | 1549                    | 3162              | 0.98              | 85                    | 2 @ 1/2       | 202           |
| FCA2096A | 99"               | 4839              | 9823              | 6385          | 1336                    | 3214              | 1.02              | 87                    | 2 @ 1/2       | 215           |
| FCA3096A | 99"               | 5500              | 11807             | 7674          | 1688                    | 4042              | 1.39              | 91                    | 3 @ 1/2       | 252           |
| FCA2108A | 108"              | 4828              | 10772             | 7002          | 1243                    | 3262              | 1.04              | 85                    | 2 @ 1/2       | 222           |
| FCA3108A | 108"              | 4828              | 10772             | 7002          | 1573                    | 4128              | 1.45              | 92                    | 3 @ 1/2       | 259           |
| FCA3120A | 117"              | 4828              | 11969             | 7780          | 1596                    | 4538              | 1.45              | 85                    | 3 @ 1/2       | 269           |
| FCA3132A | 132"              | 4839              | 13507             | 8779          | 1431                    | 4769              | 1.49              | 85                    | 3 @ 1/2       | 291           |
| FCA3144A | 144"              | 4839              | 14735             | 9578          | 1377                    | 4821              | 1.53              | 87                    | 3 @ 1/2       | 304           |
| FCA4144A | 144"              | 5444              | 17530             | 11394         | 1573                    | 5504              | 1.88              | 92                    | 4 @ 1/2       | 341           |

**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                 | 8.5 | 4.3 | 4.3 | 1.4 | 1.0 | 4.3  | 4.3  |

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



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 (un-heated) units.

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 & FCA2108 are not licensed to bear AMCA seal.

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

AMCA Seal applies to air performance only, not sound data.

