

For Door Heights To 10' (environmental separation)

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 (patent pending)
- Galvanized steel blower wheels & housing
- Lockable aluminum airfoil directional vanes
- Filter included (washable)


- Hinged white aluminum bottom access panel
- Powder coated inlet screen
- Venturi-style electric heaters (patent pending)
- Easily replaceable heaters
- Two 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 | Lab Data | | | | Motor(s) @ hp | Electric Capacity (kW) | Heater Capacity (mbtu/hr) | Temp Rise °F | Net Wgt (lbs) |
|----------|-------------------|-------------------|-------------------|---------------|------------------------|-------------------|-------------------|-----------------------|---------------|------------------------|---------------------------|--------------|---------------|
| | | | | | Avg. Outlet Vel. (fpm) | Air Volume (scfm) | Power Rating (kW) | Outlet Vel. Unif. (%) | | | | | |
| ICA1036E | 36" | 5444 | 4382 | 2849 | 1573 | 1376 | 0.47 | 92 | 1 @ 1/2 | 14 | 47782 | 32 | 104 |
| ICA1042E | 42" | 4828 | 4189 | 2723 | 1549 | 1581 | 0.49 | 85 | 1 @ 1/2 | 14 | 47782 | 28 | 111 |
| ICA1048E | 48" | 4839 | 4912 | 3193 | 1377 | 1607 | 0.51 | 87 | 1 @ 1/2 | 14 | 47782 | 27 | 117 |
| ICA1060E | 66" | 4828 | 5985 | 3890 | 1027 | 1647 | 0.52 | 85 | 1 @ 1/2 | 14 | 47782 | 27 | 137 |
| ICA2060E | 66" | 5202 | 6903 | 4487 | 1674 | 2686 | 0.92 | 91 | 2 @ 1/2 | 28 | 95564 | 33 | 178 |
| ICA2072E | 72" | 5444 | 8765 | 5697 | 1573 | 2752 | 0.94 | 92 | 2 @ 1/2 | 28 | 95564 | 32 | 185 |
| ICA2084E | 84" | 4828 | 8379 | 5446 | 1549 | 3162 | 0.98 | 85 | 2 @ 1/2 | 28 | 95564 | 28 | 210 |
| ICA2096E | 99" | 4839 | 9823 | 6385 | 1336 | 3214 | 1.02 | 87 | 2 @ 1/2 | 28 | 95564 | 27 | 223 |
| ICA3096E | 99" | 5500 | 11807 | 7674 | 1493 | 3593 | 1.41 | 94 | 3 @ 1/2 | 42 | 143346 | 37 | 264 |
| ICA2108E | 108" | 4828 | 10772 | 7002 | 1243 | 3262 | 1.04 | 85 | 2 @ 1/2 | 28 | 95564 | 27 | 230 |
| ICA3108E | 108" | 4828 | 10772 | 7002 | 1573 | 4128 | 1.45 | 85 | 3 @ 1/2 | 42 | 143346 | 27 | 271 |
| ICA3120E | 117" | 4828 | 11969 | 7780 | 1596 | 4538 | 1.45 | 85 | 3 @ 1/2 | 42 | 143346 | 29 | 281 |
| ICA3132E | 132" | 4839 | 13507 | 8779 | 1431 | 4590 | 1.49 | 87 | 3 @ 1/2 | 42 | 143346 | 29 | 303 |
| ICA3144E | 144" | 4839 | 14735 | 9578 | 1377 | 4821 | 1.53 | 87 | 3 @ 1/2 | 42 | 143346 | 27 | 316 |
| ICA4144E | 144" | 5444 | 17530 | 11394 | 1573 | 5504 | 1.88 | 92 | 4 @ 1/2 | 56 | 191128 | 32 | 357 |

*Reduced kW heaters available, see sheet KW-422



Intelliswitch Features:

- ◆ Time Delay
- ◆ 3 Speed Fan Selection
- ◆ On/Off/Auto Operation
- ◆ Start/Stop Times
- ◆ Thermostat
- ◆ 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: ICA1036E | | | |
|----------------------------------|------|------|------|
| 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 |

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



Berner reserves the right to alter specifications without prior notice.