

## SMOKEMASTER® F72B

| <b>Air Volume (CFM)</b>   | 3000 CFM   | 4000 CFM | 5000 CFM        | 6000 CFM        |
|---|--|----------|-----------------|-----------------|
| <b>Standard Power Supply single pass efficiency</b>               | 99%  | 95%      | Not Recommended | Not Recommended |
| <b>HE Power Supply single pass efficiency</b>                     | 99%  | 99%      | 95%             | Not Recommended |
| <b>Efficiency* Double-Pass Precipitator Standard Power Supply</b> | 99%  | 99%      | 97%             | 93%             |
| <b>Pressure Drop (in.w.g.)</b>                                    | 0.12   | 0.22     | 0.33            | 0.49            |
| <b>Dimension</b>  | 56.25" W x 35.00" H x 21.00" L   |          |                 |                 |
| <b>Duct Opening</b>   | 45.44" W x 24.31" H  |          |                 |                 |
| <b>Unit Weight</b>  | 315 lbs. installed, 350 lbs. shipping  |          |                 |                 |
| <b>Cabinet</b>  | 14-16 gauge welded steel cabinet with a powder coat finish   |          |                 |                 |
|   | 100% solid state   |          |                 |                 |
| <b>Power Supply</b>   | Input: 120V, 50/60 Hz, 1 Phase or 240V, 50/60 Hz, 1 Phase  |          |                 |                 |
| <b>HE = High Efficiency</b>                                       | Output: Ionizer 9,400 VDC / Collector 4,700 VDC  |          |                 |                 |
| <b>Optional HE Power Supply</b>                                   | Output: Ionizer 12,000 VDC / Collector 4,500 VDC   |          |                 |                 |
| <b>Ambient Temperature Rating</b>                                 | 140° F maximum (outside of exhaust airflow)  |          |                 |                 |
|   | Cell Dimensions: 24.25" L x 24.25" W x 10.75" D  |          |                 |                 |
|   | Collection Area: 240 square feet   |          |                 |                 |
| <b>Electronic Cell Specification</b>                              | Voltage Gradient: 20,000 volts per inch  |          |                 |                 |
|   | Ionizer Wires: 11 wires per cell, 0.010 inch diameter, tungsten  |          |                 |                 |
|   | Weight: 60 lbs. per cell   |          |                 |                 |
| <b>Number of Electronic Cells</b>                                 | 2 Cells  |          |                 |                 |
| <b>Cell Cleaning Method</b>                                       | Manual Wash  |          |                 |                 |
| <b>Placement Preparation</b>                                      | Minimum clearance for cell removal: 28"  |          |                 |                 |
| <b>Pre/Post Filters</b>   | 1" thick   |          |                 |                 |
| <b>After Filter (Optional) for Odor Control</b>                   | Activated Carbon Module, which are refillable, black powder coated steel panels: 16 panels configured in v-shape.<br>Activated carbon weight: 18 pounds per panel.<br>Pressure drop: approximately 0.5" in.w.g. at 50 fpm. |          |                 |                 |
| <b>Unit Standard</b>  | <b>ETL listed to:</b><br>UL 867 Standard for Electrostatic Air Cleaners<br>UL 710 Standard for Exhaust Hoods for Commercial Cooking Equipment  |          |                 |                 |

