

S U P P L Y I N G C L E A N A I R T O I N D U S T R Y

F72 DUCTED ELECTRONIC AIR CLEANER

DESIGNED FOR DUCTED AIR CLEANING SYSTEMS

STANDARD FEATURES

- Stacking Capacity to 36,000 CFM*
- Hinged Access Door for Easy Cell Access
- Solid State, Dual Voltage Power Supply
- Industrial Electronic Cell

| | | | |
|----------------|-------------|------------------|-----------------|
| WEIGHT: | Unit | Installed | Shipping |
| | F72A | 150 lbs | 185 lbs |
| | F72B | 250 lbs | 310 lbs |

CABINET: 16-gauge galvanized steel

POWER INPUT: 100-120 VAC, 50/60, HZ, F72A 1003
200-240 VAC, 50/60, HZ, F72A 1011

100-120 VAC, 50/60, HZ, F72B 1003
200-240 VAC, 50/60, HZ, F72B 1011
Nominal watts 50, Max. watts 100

POWER SUPPLY: Solid state, dual voltage and self regulating. Nominal output voltages are 9400 VDC ionizer and 4700 VDC on the collector section. Power supply is housed in the hinged power door and is sealed from the airstream.

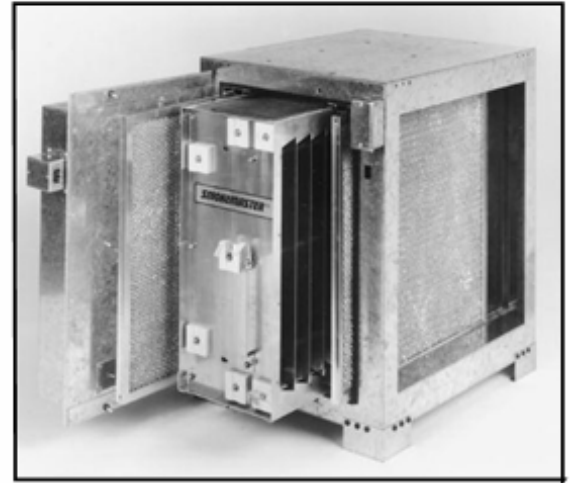
CELL SPECIFICATION: Dimensions: 24 1/4" x 24 1/8" x 10 3/4"
Weight: 60 lbs. per cell
Collection Area: 240 Sq. Ft.
Voltage Gradient: 20,000 volts per inch min.
F72A (One cell): F72B (Two cells)

AMBIENT TEMP: 125° F Max, 40° F Min. airflow through cells

MOUNTING: Vertical, standing or hanging cabinet with horizontal airflow. Horizontal mounting with vertical airflow.

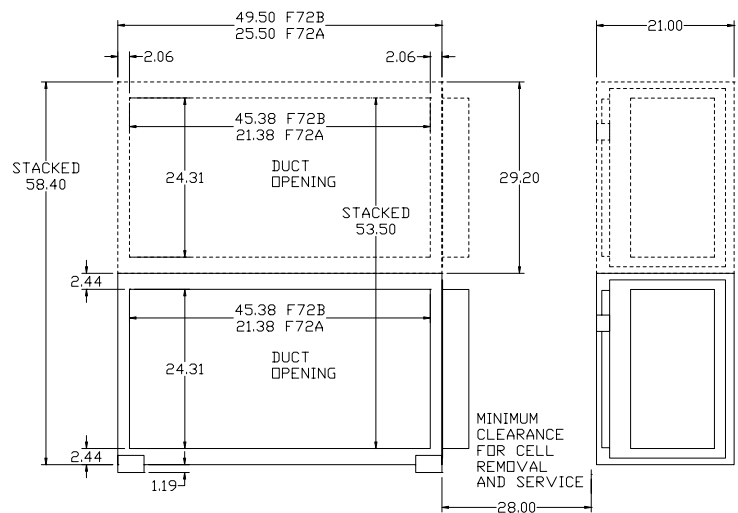
PRE/POST FILTERS: 1" multi-layered aluminum mesh

DIAGNOSTICS: System light and test button



F72A pictured

| F72A RATINGS | | | F72B RATINGS | | |
|--------------|------------|-----|--------------|------------|-----|
| CFM | Efficiency | WG | CFM | Efficiency | WG |
| 1000 | 99% | .06 | 2000 | 99% | .06 |
| 1500 | 99% | .12 | 3000 | 99% | .12 |
| 2000 | 95% | .22 | 4000 | 95% | .22 |
| 2500 | 90% | .33 | 5000 | 90% | .33 |
| 3000 | 80% | .49 | 6000 | 80% | .49 |



*Contact Air Quality Engineering regarding stacking capacity beyond 36,000 CFM. Air mover is not included. Installer must provide air mover sized to accommodate required airflow in ductwork system.



**AIR QUALITY
ENGINEERING**

7140 Northland Drive North, Brooklyn Park, MN 55428-1520 USA

FAX: (763) 531-9900 **EMAIL:** info.air-quality-eng.com **WEB SITE:** www.air-quality-eng.com

TOLL FREE: 1-800-328-0787 **PHONE:** (763) 531-9823

Air Quality Engineering, Inc., has a policy of continuing product improvement, and reserves the right to make changes in design and specification without notice.

LT-0051 REV A