

## 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

<b>WEIGHT:</b>	<u>Unit</u>	<u>Installed</u>	<u>Shipping</u>
	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.

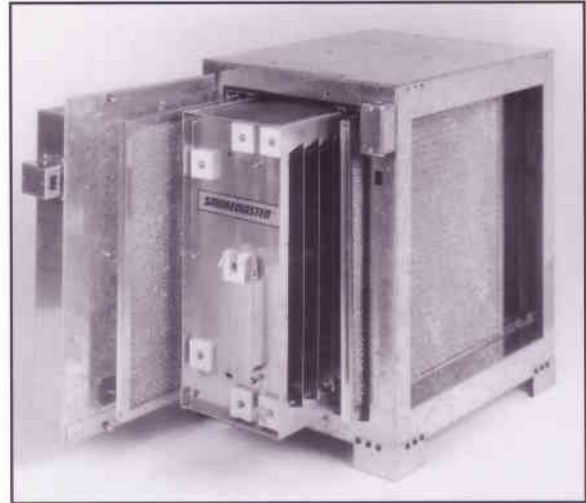
F72A (One cell): F72B (Two cells)

**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.

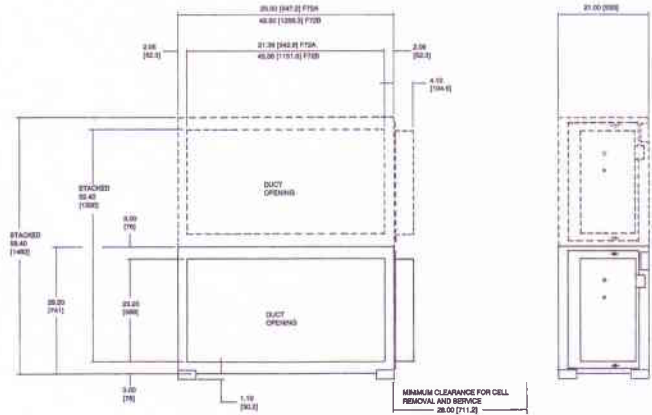
**PRE/POST FILTERS:** 1" multi-layered aluminum mesh

**DIAGNOSTICS:** System light and test button

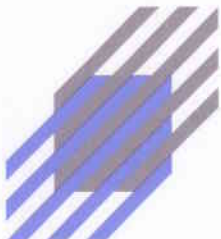


F72A pictured

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.



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

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