

# SE400E & SE800E

Air Cleaning Equipment, Inc.  
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## Smoke Eliminator

### ENGINEERED SOLUTIONS FOR CLEAN AIR

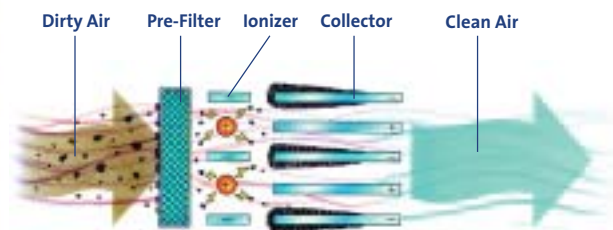
In food service and hospitality, anything that controls cigarette smoke and other airborne pollutants to make the customers' experience more enjoyable is a worthwhile investment.

The Smoke Eliminator SE400E and SE800E work in conjunction with existing heating and air conditioning systems, fit in a 2' x 2' or 2' x 4' ceiling panel, or surface mounts.

The Smoke Eliminator is ideally suited to rooms where people work or relax such as restaurants, bars, office spaces, computer rooms and designated smoking areas.

### HOW ELECTROSTATIC PRECIPITATION TECHNOLOGY WORKS

As air enters the filter, the particles pass through a high intensity electrical field that imparts an "electrical charge" to the particles. The charged particles then pass through a series of alternately charged collector plates. The charged particles are repelled by the plates with the same polarity and attracted by plates with opposite polarity – similar to how a powerful magnet works.



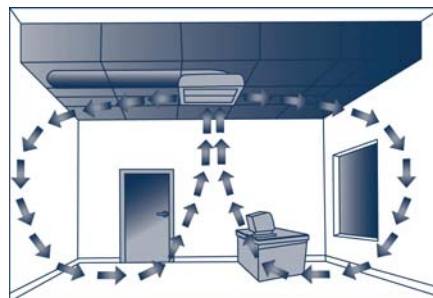
SE400



SE800

### AIR FLOW PATTERN

The SE400E and SE800E models feature a Coanda effect airflow pattern — dirty air intake in the center and side discharges return clean air in four directions.



### FEATURES/BENEFITS

- ARC suppression power supply —reduces annoying snapping noise and extends life of power supply
- Low Profile Design —provides appealing unit with no elaborate ductwork or installation
- Fits in a ceiling panel or surface mounts
- Removes up to 95% of tobacco smoke, dust, pollen, lint, bacteria and mold spores
- Recirculates Clean Indoor Air —no expense to reheat or cool air, as required with exhaust fans
- Service Indicator Light —indicated when unit is due for cleaning or when there is a power supply failure
- Hinged access doors —easy to maintain and remove filters
- Can be flush, surface or wall mounted if desired

## SPECIFICATIONS

	SE400E	SE800E
Dimensions	22.5 "L x 22.5 "W x 9.5 "H	45 "L x 22.5 "W x 9.5 "H
Installation	Flush mount /surface mount /wall mount	Flush mount /surface mount /wall mount
Weight	42 lbs./shipping 62 lbs.	80 lbs./shipping 105 lbs.
Electrical	120 VAC,60 hz,1 ph -130 watts	120 VAC,60 hz,1 ph -260 watts
Motor	1/25 hp ball bearing, direct drive, thermally protected	(2) 1/25 hp ball bearing, direct drive, thermally protected
Blower	Propeller fan	Two propeller fans
Air Volume (CFM)	200, 300, 400	400, 600, 800
Controls	3 speed, power "ON " light, power "to cell " light	3 speed, power "ON " light, power "to cell " light
Sound Rating	38 dB, 55 dB, 62 dB	41 dB, 58 dB, 65 dB
Efficiency	Up to 95% per ASHRAE 52.1 /Dust spot	Up to 95% per ASHRAE 52.1 /Dust spot
Pre-filter	Aluminum mesh	Two aluminum mesh
Primary Filter	Forever Filter® (1 each) Electrical collector cell	Forever Filter® (2 each) Electrical collector cell

STANDARD SPECIFICATION FOR EACH UNIT	
Cabinet	20-gauge galvanized steel
Finish	Beige urethane polyester coat paint
Air Flow	Coanda 4-way discharge
Filter Access	Hinged, removable filter access door
Mounting Hardware	4 eye bolts, trim brackets
Safety Device	Access door safety switch
Accessory	Remote ON/OFF switch



**SE400**

**SE800**



**FEDDERS** ENGINEERED PRODUCTS

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