



Clean. Easy. RED.

Model IE2700

Specifications and Technical Data

TYPICAL APPLICATIONS

Ambient Capture of:

- Smoke
- Oil Mist
- Combination of Both Smoke and Mist

Features:

- 2700 CFM Capacity
- Electrostatic Filtration
- Side Load, Easy filter Access
- LED Operating Lamp
- 4-Way Adjustable Grille
- Full Range of Options

Options:

- Various Prefilters.
- 1" Carbon Afterfilter.
- Single and Three-Phase Power.

Specifications

OVERALL DIMENSIONS: 21" H X 38 1/2" W X 42" L

WEIGHT: 290 LBS ACTUAL / 325 LBS SHIPPING

CABINET: 16 GAUGE WELDED GALVANEAELED STEEL WITH EXTERIOR SURFACES GROUND SMOOTH.

FINISH: INDUSTRIAL GRADE TEXTURED BAKED CRIMSON RED ENAMEL PAINT INSIDE AND OUT.

PREFILTER: TWO EACH 18" X 18" X 1" ALUMINUM MESH FILTERS.

IONIZER: 18 1/2" X 37" X 1 3/4" ALUMINUM RUST-RESISTANT FRAME 10.0 KVDC, 4.8 SQ. FT. OF FACE AREA.

IONIZER WIRES: 20 EA. .007 DIAMETER, SPIRAL-WOUND, SELF TENSIONING TUNGSTEN IONIZER WIRES.

COLLECTION CELLS: TWO EACH- 18 1/2" X 18 1/2" X 8 5/8" CELLS, 4.5 KVDC, 2.4 SQ. FT. OF FACE AREA PER CELL. COLLECTING AREA IS 260 SQ. FT.(130 SQ. FT./CELL) WITH PLATES SPACED .19" APART. PLATE DEPTH IS 8 3/8". VOLTAGE GRADIENT IS 23.3 KV/IN.

CELL WEIGHT: 27 LBS. EACH.

CELL ACCESS: SIDE LOAD THROUGH HINGED DOOR FOR EASY ACCESS.

AIR FLOW: HORIZONTAL FROM RIGHT-TO-LEFT OR LEFT-TO-RIGHT.

AIR VOLUME : 2700 CFM.

MOTOR: SINGLE SPEED, 1HP, 3 PHASE, 208-230/460V, 60 HZ, SEALED BALL BEARING MOTOR, THERMALLY PROTECTED, MAXIMUM 13.8 AMPS.

BLOWER: BELT-DRIVEN 10-10T BLOWER.

ELECTRICAL: 208/230 VOLT, 60 HZ, THREE-PHASE. 460 VOLT THREE-PHASE AND 120 VOLT SINGLE PHASE ARE OPTIONS.

CONTROLS: ON/OFF PANEL-MOUNTED SWITCH WITH POWER-ON INDICATOR LIGHT.

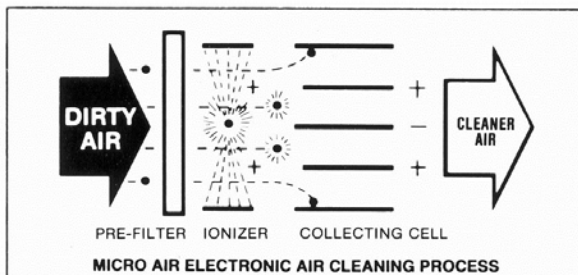
NOISE LEVEL: 74 DBA MEASURED AT 6' FROM THE EXHAUST GRILLE.

GENERAL: EXTERNALLY MOUNTED POWER BOX. OIL DRAIN KNOCKOUTS ON BOTTOM OF CABINET. CELL DOOR INTERLOCK SAFETY SWITCH.



How It Works

Polluted air flows through an aluminum prefilter, effectively removing the large particles. Then, the air moves to the ionizer section which charges the particles. They are then collected on the plates of the collecting cell. The air that is discharged is then pollution-free.



Specifications subject to change without notice.

Sold and Serviced by:

L2235-02/05