



Clean. Easy. RED.

Model IE1250

Specifications and Technical Data

TYPICAL APPLICATIONS

Ambient Capture of:

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

Features:

- 1500 CFM Standard
- Electrostatic Filtration
- Side Load, Easy Access
- Separate Ionizer and Collection Cell

Options:

- Various Prefilters.
- Carbon Afterfilter.
- Higher Horsepower Motor Options.
- Single and Three-Phase.



Specifications

OVERALL DIMENSIONS: 21" H X 19" W X 42" L

WEIGHT: 130 LBS ACTUAL
150 LBS SHIPPING

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

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

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

IONIZER: 18 1/2" X 18 1/2" X 1 3/4" ALUMINUM RUST-RESISTANT FRAME 10.0 KVDC, 2.4 SQ. FT. OF FACE AREA.

IONIZER WIRES: 10 EA. .007 DIAMETER, SPIRAL-WOUND, SELF TENSIONING TUNGSTEN IONIZER WIRES.

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

CELL WEIGHT: 27 LBS.

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

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

AIR VOLUME : 1500 CFM.

MOTOR: SINGLE SPEED, 3/4HP, 120 VOLT, 60 HZ, SEALED BALL-BEARING MOTOR. THERMALLY PROTECTED, MAXIMUM 10 AMPS.

BLOWER: BELT-DRIVEN 9-7T BLOWER.

ELECTRICAL: 120 VOLT, 60 HZ CORD WITH STANDARD PLUG.

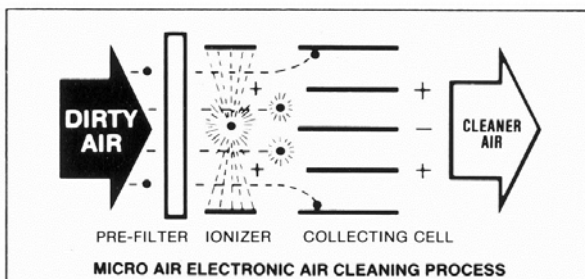
CONTROLS: ON/OFF PANEL-MOUNTED SWITCH WITH POWER-ON INDICATOR LIGHT.

NOISE LEVEL: 68 DBA MEASURED AT 6' FROM THE EXHAUST GRILLE.

GENERAL: TOTALLY ENCLOSED SOLID STATE POWER SUPPLY WITH BUILT-IN SHORT PROTECTION. EASILY REMOVABLE SPARK TRAY. CELL DOOR INTERLOCK SAFETY SWITCH. 4-WAY ADJUSTABLE GRILLE. OIL DRAIN KNOCK OUTS AT TOP AND BOTTOM OF CABINET.

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



Specifications subject to change without notice.

Sold and Serviced by:

L2233-02/05