

### Specifications :

|                         |   |  |
|-------------------------|---|--|
| Series                  | : | IAT 500/4000                                 |
| Make                    | : | Chemtronics® (Made in India)                 |
| Feed Gas                | : | Ambient dry, dust, & moisture free air       |
| ECO Concentration       | : | 90 - 1,200 mg/m <sup>3</sup>                 |
| BOI Output              | : | 10 - 20 MPCC at source                       |
| MOC of ECO Reactor      | : | SS 316 / Glass                               |
| Technology              | : | ECO + BOI                                    |
| Reactor Cooling         | : | Forced Air Cooled                            |
| MOC - Enclosure         | : | Stainless Steel                              |
| Finish                  | : | Glossy                                       |
| Electric Protection     | : | IP - X4                                      |
| Certification           | : | CE / ISO                                     |
| Operating Temperature   | : | 15° - 35° C                                  |
| Indicator               | : | ECOBOI ON / Booster ON                       |
| ECO Reactor Life        | : | 10,000 Hrs, under normal operating condition |
| Mounting / Installation | : | Wall Mount                                   |
| Input Power Supply      | : | 230 V AC ; 50 Hz ; 1 Phase                   |



IAT - series

### Features :

- ECOBOI Generator
- Compact Design
- Strong SS body
- Booster Mode
- Built in air pump
- Built in Cooling fan
- PLC Based Operation
- Plug & Play
- Commercial / Industrial Grade
- Comply Safety Standard

### Mode :

- ECOBOI : In Presence of Occupants
- BOOSTER : In Absence of Occupants

### Application :

- Air disinfection from virus & bacteria
- VOC & Formaldehyde reduction
- Air Odor reduction
- Enhance Indoor Air Quality (IAQ)
- Reduce sick building syndrome
- Laboratory experiments on air
- Mosquito & flies repellent

### Accessories :

- Mains Cord 1 meter

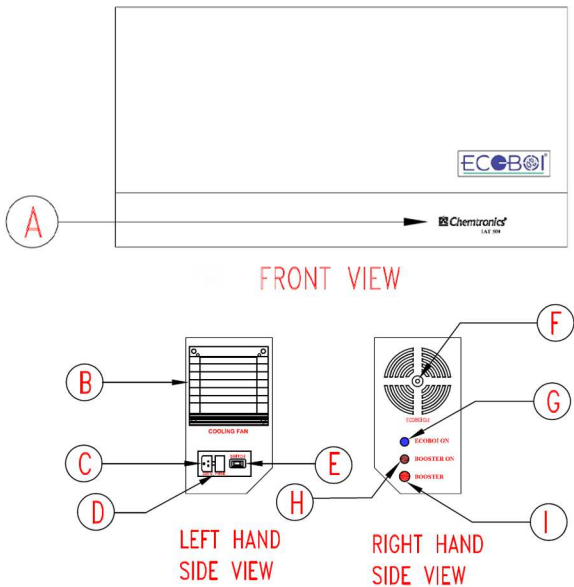
- Small area chemical reaction
- Clean & sterile surface, glass wares, apparatus, etc.
- Clean & sterile surgical equipment
- Cigarette smoke & smell elimination
- Cold Room / Cold storage



## Industry

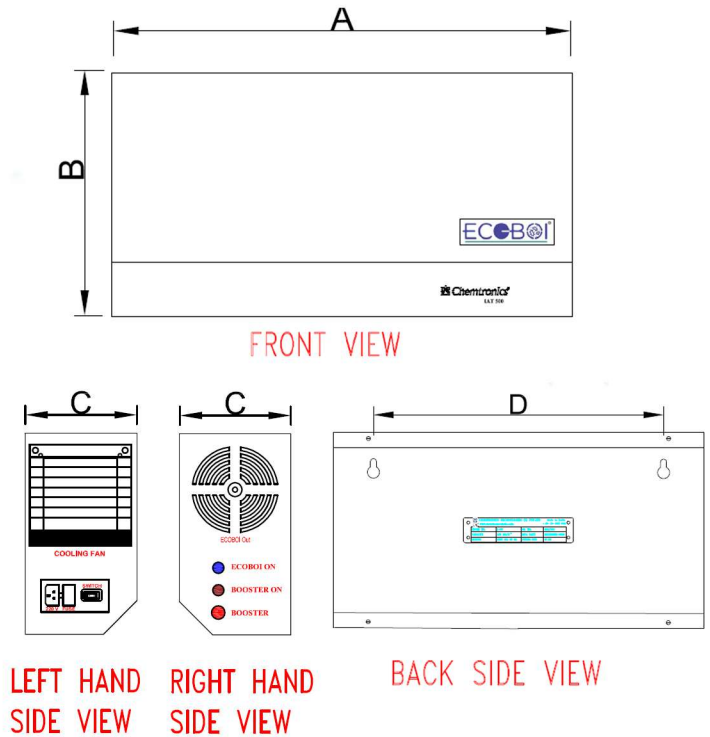
- Wash Room
- Schools / Colleges
- Banquet Hall
- Hotel / Resort
- Labs & R&D centers
- Conference Room
- Offices
- Clean Rooms
- Pantry
- Kitchen
- Butchary Shop
- Waiting Room
- Hospital / ICU
- Beauty parlor
- Smoking Rooms
- Gymnasium
- Restaurant
- Ware house / Godowns
- Health Club
- Theaters
- Locker Rooms
- Malls

## Construction :



|   |                        |
|---|------------------------|
| A | Name Plate/Logo        |
| B | Cooling Fan with Grill |
| C | 220V Supply            |
| D | Fuse                   |
| E | Switch                 |
| F | ECOBOI Out             |
| G | ECOBOI ON              |
| H | BOOSTER ON             |
| I | BOOSTER                |

## Dimensions :



| Dimensions are in mm |     |     |     |     |
|----------------------|-----|-----|-----|-----|
| Model                | A   | B   | C   | D   |
| IAT 500              | 370 | 180 | 100 | 270 |
| IAT 4000             | 400 | 300 | 120 | 366 |

## IAT Model Series :

| Model No. | Capacity (mg/m <sup>3</sup> ) | BOI (MPCC) | Application Area Coverage [ sq.ft. ] | Net Weight [Kg.] | Power [W] |
|-----------|-------------------------------|------------|--------------------------------------|------------------|-----------|
| IAT 500   | 90 - 120                      | 20         | 150 - 250                            | 3                | 12        |
| IAT 4000  | 1,000 - 1,200                 | 20         | 500 - 700                            | 6                | 100       |