

**TECHNICAL SPECIFICATIONS: EXO – 25**

|         | Specifications            |  |
|---------|---------------------------|--|
| Sr. No. | ITEM                      | ECO + BOI Generator  |
| 1.      | Model No.                 | EXO – 25   |
| 2.      | Treatment Methodology     | Capture & Treat  |
| 3.      | Technology                | Electro Chemical Oxidation (ECO) + Bipolar Oxygen Ionization (BOI) |
| 4.      | Make                      | Chemtronics  |
| 5.      | Made in                   | India  |
| 6.      | Feed Gas                  | Dry filtered ambient air.  |
| 7.      | Oxidation Cell            | Concentric Cylindrical   |
| 8.      | Dielectric                | Teflon coated precision ceramic                                    |
| 9.      | Cell Cooling              | Forced Air Cooled  |
| 10.     | Electrode Cooling         | Internal & external electrodes with integrated aluminum heat sink. |
| 11.     | Minimum Cell life         | 15,000 Hrs.  |
| 12.     | Cell Cleaning frequency   | Every - 8,000 Hrs.   |
| 13.     | Oxidant Concentration     | 1,200 – 1,500 mg/m <sup>3</sup>                                    |
| 14.     | Riders                    | 10 MPCC - 20 MPCC  |
| 15.     | Mounting/Installation     | Ceiling Suspended/ Wall mount/ Floor Mounted / Skid Mounted        |
| 16.     | LED Indicators            | Standby + ECO ON   |
| 17.     | Service Indicator         | Non resettable hour meter  |
| 18.     | Display meter             | Current meter  |
| 19.     | Operation Modulation      | Digital programmable timer   |
| 20.     | Enclosure MOC             | Standard - MS Powder coated   Optional – SS - 304                  |
| 21.     | Enclosure Thickness       | Minimum 1.2 mm   |
| 22.     | Enclosure/ Surface Finish | Machine polish with Structure Powder coating                       |
| 23.     | Injection Connection      | Anti-oxidant/ Poly – Propylene/ PTFE                               |
| 24.     | Protection                | Input Surge & spike protection                                     |
| 25.     | Onboard Protection        | Overheat; Over Current; Over Voltage                               |
| 26.     | Interlock                 | Exhaust Fan Interlock with ECO + BOI Generator                     |
| 27.     | Safety                    | Under the guideline of OSHA, USEPA, NIOSH                          |
| 28.     | Line Voltage              | 220 V AC; Single phase ; 50 Hz                                     |
| 29.     | Power Consumption         | 30 W   |
| 30.     | Dimension (H x W x D) mm  | 500 x 400 x 210  |
| 31.     | Net Weight (kg)           | 15 Kg  |