

# ECOBOI Generator

EXO / EXO - OXY series



## Specification :

Series	: EXO - 50/100/150/200
	: EXO - OXY - 200/300/500/700/1000/1500/3000/4000/5000
Make	: Chemtronics® (Made in India)
Feed Gas	: Ambient dry, dust, & moisture free air
ECO Concentration	: Air: 1,000 - 1,200 mg/m <sup>3</sup> ; Oxygen: 10,000 - 1,00,000 mg/m <sup>3</sup>
BOI Output	: 10 - 20 MPCC at source
MOC of ECO Reactor	: SS 316 / Ceramic / Aluminium
Reactor Cooling	: Forced Air Cooled / Water Cooled
Heat Dissipation	: Radiator fins design
Discharge	: Corona Discharge @ 0.3 w/sq.cm
Power Amplifier	: MOSFET Technology
Start	: Soft Start
EHT	: Ferrite Based Air Cooled
Dielectric	: Precision Ceramic / Enameled
Enclosure - MOC	: Carbon Steel / Stainless Steel
Enclosure Protection	: IP - X4
Enclosure Finish	: RAL - 7035, Structure Powder Coating
Certification	: CE (Selected Models)
Indicator	: Power ON / ECOBOI ON / Booster
Operating Temperature	: 15° - 35° C
ECO Reactor life	: 10,000 Hrs, under normal operating condition
Mounting / Installation	: Floor / Wall / Ceiling
Line Voltage	: 230 V AC; 50 Hz; I Phase



EXO Series

## Features :

- Commercial & Industrial Grade
- PLC / Controller
- Flexible extension tubing
- Light weight
- Current Meter
- ECOBOI Generator
- Built in Air Pump
- Moisture Trap
- Built in Air dryer
- Comply Safety Standards



## Accessories :

### Standard ▶

- Mains Cord - 1.5 meters
- Flexible Extension Tubing - 3 meters
- Back Flow Preventer
- Diffuser Fixture

### Optional ▶

- SS 304 Enclosure
- Ambient Ozone Sensor cum Controller
- VOC Sensor & Controller



## Applications :

- Air Disinfection from viruses & bacteria
- VOC & Formaldehyde Reduction
- Odour Reduction
- STP Exhaust
- OWC Exhaust
- Butchery Exhaust
- Garbage Room Exhaust
- Solid Waste Processing Plant
- Municipal Waste Processing Plant
- Industrial Waste Processing Plant
- Exhaust Air Oil & Grease Reduction

## EXO - series



Series	Concentration [ mg/m <sup>3</sup> ]	No. of Modules	Dimension (L X W X H) [mm]	Net Weight [Kg.]	Power [W]
EXO - 50	1,000 - 1,200	1	500 X 400 X 210	17	100
EXO - 100	1,000 - 1,200	2	700 X 500 X 210	28	145
EXO - 150	1,000 - 1,200	3	700 X 500 X 210	33	235
EXO - 200	1,000 - 1,200	4	800 X 600 X 260	42	276

## EXO - OXY - series

Series	Concentration [ mg/m <sup>3</sup> ]	No. of Modules	Dimension (L X W X H) [mm]	Net Weight [Kg.]	Power [W]
EXO - OXY - 200	10,000 - 16,000	1	460 X 350 X 1,300	48	405
EXO - OXY - 300	10,000 - 16,000	2	460 X 350 X 1,300	50	475
EXO - OXY - 500	10,000 - 16,000	3	460 X 350 X 1,500	62	560
EXO - OXY - 700	20,000 - 25,000	1	460 X 350 X 1,300	55	580
EXO - OXY - 1000	16,000 - 20,000	2	1,000 X 350 X 1,500	90	1,060
EXO - OXY - 1500	20,000 - 25,000	2	1,000 X 350 X 1,500	92	1,105
EXO - OXY - 3000	70,000 - 90,000	1	3,110 X 500 X 1,300	132	1,120
EXO - OXY - 4000	70,000 - 1,00,000	1	3,210 X 520 X 1,300	142	1,230
EXO - OXY - 5000	80,000 - 1,00,000	1	3,620 X 520 X 1,450	167	1,580