

ECOBOI Generator

EX0 / EXO - OXY series

ECOBOI®

Specification :

Series	: EX0 - 50/100/150/200
	: EX0 - 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:1,200-1,500 mg/m ³ ; Oxygen:10,000-1,00,000 mg/m ³
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 / Water jacket
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; 1 Phase



EX0 Series



Ceiling Suspended unit

Features :

- Commercial & Industrial Grade
- PLC / Controller
- 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 - 5 meters
- Back Flow Preventer
- Diffuser Fixture

Optional ▶

- SS 304 Enclosure
- Ambient Ozone Sensor cum Controller
- VOC Sensor & Controller
- CO₂ Sensor & Controller



CE

Exo - Oxy Series



CE



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 ³]	No. of Modules	Fresh Air Flow (cfm)	Dimension (H X L X W) [mm]	Net Weight [kg]	Power [w]
EXO - 50	1,200 - 1,500	1	150	500 X 400 X 210	17	100
EXO - 100	1,200 - 1,500	2	150	700 X 500 X 210	28	142
EXO - 150	1,200 - 1,500	3	300	700 X 500 X 210	35	235
EXO - 200	1,200 - 1,500	4	300	800 X 600 X 260	43	276

EXO - OXY - Series

Series	Concentration [mg/m ³]	No. of Modules	Fresh Air Flow (cfm)	Dimension (H X L X W) [mm]	Net Weight [kg]	Power [w]
EXO - OXY - 200	10,000 - 16,000	1	150	460 X 350 X 1,300	45	445
EXO - OXY - 300	10,000 - 16,000	2	150	460 X 350 X 1,300	52	475
EXO - OXY - 500	10,000 - 16,000	3	300	460 X 350 X 1,500	65	560
EXO - OXY - 700	20,000 - 25,000	1	300	460 X 350 X 1,300	55	590
EXO - OXY - 1000	16,000 - 20,000	2	450	1,000 X 350 X 1,500	92	1,060
EXO - OXY - 1500	20,000 - 25,000	2	450	1,000 X 350 X 1,500	94	1,100
EXO - OXY - 3000	70,000 - 90,000	1	400	3,110 X 500 X 1,300	132	1,120
EXO - OXY - 4000	70,000 - 1,00,000	1	400	3,210 X 520 X 1,300	142	1,230
EXO - OXY - 5000	80,000 - 1,00,000	1	450	3,620 X 520 X 1,450	167	1,580

Above specifications are at 20° C. For different working condition, there may be difference of 10% to 20% of ECO concentration