

ECOBOI Generator

IAQ - Series



Specification :

Series	: IAQ - 01/02/03/04/05/06/07
Make	: Chemtronics® (Made in India)
Feed Gas	: Ambient dry, dust, & moisture free air
ECO Concentration	: A - IAQ - 01/02/03 : 500 - 900 mg/m ³
	: B - IAQ - 04/05/06/07 : 1,000 - 1,200 mg/m ³
BOI Output	: 10 - 20 MPCC at source
MOC of ECO Reactor	: SS 316 / Ceramic
Reactor Cooling	: Forced Air Cooled - Externally
Heat Dissipation	: Radiator fins design - External
Discharge	: Corona Discharge @ 0.3 w/sq.cm
Start	: Soft Start
Dielectric	: Precision Ceramic
Enclosure - MOC	: Carbon Steel / Stainless Steel
Enclosure Protection	: IP - X4
Enclosure Finish	: RAL - 7035, Structure Powder Coating
Certification	: CE
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



Features :

- Commercial & Industrial Grade
- PLC + HMI
- Booster Mode
- ECOBOI Generator
- Built in Air Pump
- Built in Air Dryer
- Comply Safety Standards

Accessories :

Standard ▶

- Mains Cord - 1.5 meters
- Flexible Extension Tubing - 3 meters
- Ambient Ozone Sensor cum Controller
- Moisture Trap / BFP
- ECOBOI Diffuser Fixture Plate

Optional ▶

- Touch Controlled HMI

Applications :

- Odour Reduction
- VOC & Formaldehyde Reduction
- Air Disinfection from viruses & bacteria
- Increase Shelf Life
- Surface Disinfection
- Enhance IAQ
- Maintain CO₂ Level



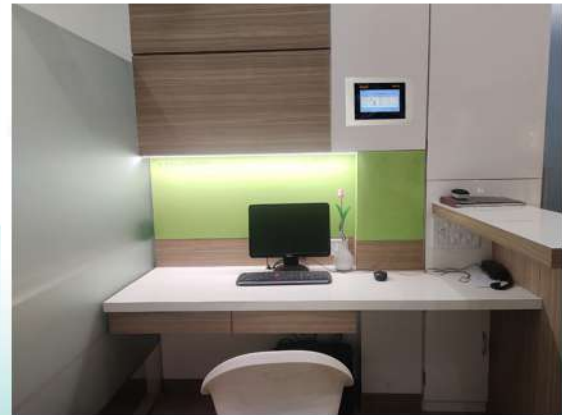
Technical Specification :

Series	Disinfectant Concentration [mg/m ³]	No. of Modules	System Dimension (H X W X L) [mm]	Net Weight [Kg.]	Power [W]
IAQ - 01	500 - 600	1	800 X 800 X 210	24	58
IAQ - 02	700 - 900	1	800 X 800 X 210	24	55
IAQ - 03	700 - 900	2	800 X 1,200 X 210	40	110
IAQ - 04	1,000 - 1,200	1	800 X 800 X 210	26	100
IAQ - 05	1,000 - 1,200	2	800 X 900 X 210	36	142
IAQ - 06	1,000 - 1,200	3	800 X 900 X 210	43	235
IAQ - 07	1,000 - 1,200	4	800 X 1,000 X 260	51	276

Installation Options



Ceiling Mounted Sensor



HMI Operation Panel



HMI + Sensor Panel



Sensor Panel