

System Specification :

Series	:	PORTO - 50; 100
Make	:	Chemtronics® (Made in India)
Feed Gas	:	Ambient dry, dust, & moisture free air
ECO Concentration	:	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
Power Amplifier	:	MOSFET Technology
Start	:	Soft Start
EHT	:	Ferrite Based Air Cooled
Dielectric	:	Precision Ceramic
Enclosure - MOC	:	Carbon Steel / Stainless Steel
Enclosure Protection	:	IP - X4
Enclosure Finish	:	RAL - 7035, Structure Powder Coating
Certification	:	ISO CE
Indicator	:	POWER / ECOBOI ON / Booster
Operating Temperature	:	15° - 35° C
ECO Reactor life	:	10,000 Hrs., under normal operating conditions
Mounting / Installation	:	Portable / Table Top / Floor
Line Voltage	:	230 V AC; 50 Hz; 1 Phase



PORTO 50



PORTO - 100

Features :

- Commercial & Industrial Grade
- Mode - Disinfection / Booster
- Plug & Play
- Flexible extension tubing
- Portable / Mobile
- ECOBOI generator
- Built in air pump
- PLC Controlled

Applications :

- Air Disinfection from viruses & bacteria
- VOC & Formaldehyde Reduction
- Odour Reduction
- Enhance Indoor Air Quality (IAQ)
- Reduce Sick Building Syndrome
- Shock Treatment

Accessories :

Standard ▶

- Mains Cord - 1.5 meters
- Flexible Extension Tubing - 3 meters
- PLC

Optional ▶

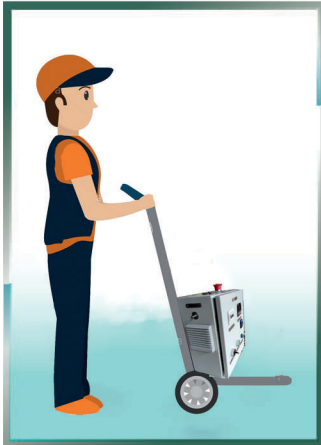
- SS 304 / Plastic Enclosure
- Ambient Ozone Sensor cum Controller
- Moisture Absorbent
- SS Dome Diffuser
- Bubble Stone Diffuser



Models :

Series	Capacity (mg/m ³)	No. of Modules	Dimension (W X L X H) [mm]	Net Weight [Kg.]	Power [W]
PORTO - 50	1,000 - 1,200	1	300 X 250 X 155	7.0	100.0
PORTO - 100	1,000 - 1,200	2	400 X 300 X 210	10.0	145.0

Installation Conditions :



On Trolley



Handheld

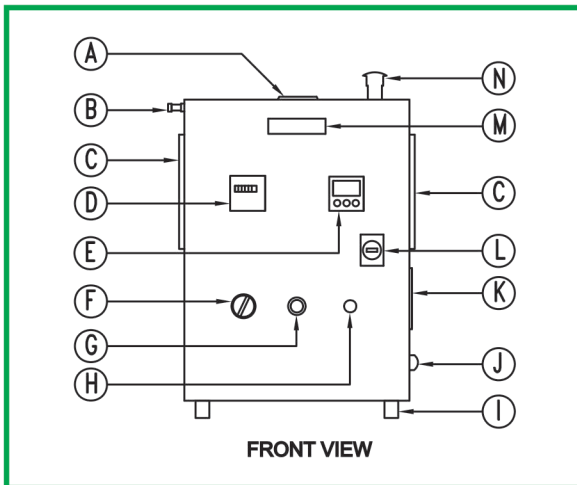


Table Top

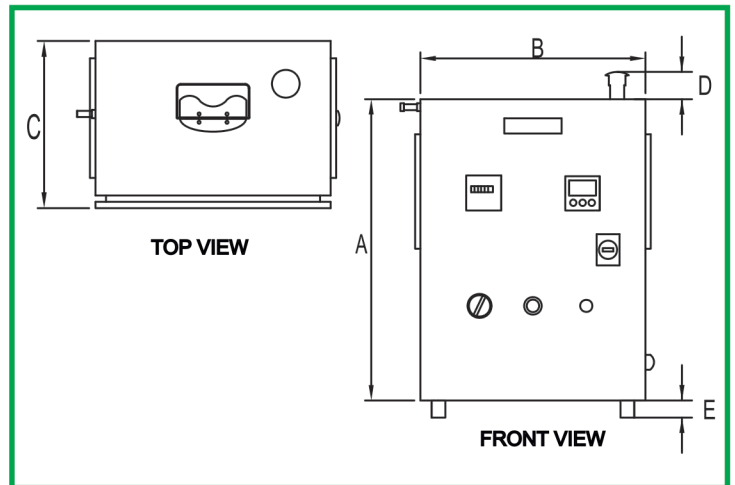


Wall Mount

Construction :



Dimension :



Dimensions Are In mm

A	Handle	H	ECOBOI ON Indicator
B	ECOBOI Outlet	I	ECOBOI Leg
C	Fan Grill	J	Main Cord Gland
D	Hour Meter	K	Specification Label
E	Timer	L	Panel Lock Key
F	Mode Switch	M	Name Plate
G	Start Switch	N	Emergency Stop

Model No.	A	B	C	D	E
PORTO - 50	300	250	155	35	25
PORTO - 100	400	300	210	35	25

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

* Specification is subject to change for improvement without prior notice.

* Picture may differ from actual supplied product.