



TZ-10A

Dimensions

450mm (L) X 450mm (B) X 680mm (H)
Weight 50 kgs (approx)

Ozone Generation

Ozone generation	:	10 grams per hour
Ozone concentration	:	30 to 35 gm / CUM
Make & Type of Electrode	:	Technozone make / Alumina coated CERAMIC tube electrode with high concentration of ozone.
Cooling tube arrangement / material of tube	:	Water cooled / SS 316 tube inserted overaluminium tube for effective heat dissipation. External water supply required.
Ozone Generation by Corona discharge technology	:	Advanced CERAMIC coated & glazed electrode covered with concentric annular SS cooling tube is alternated with high frequency corona discharge. This corona dischargedisassociates the oxygen atoms to regroup toform ozone.
Power electronics	:	Full bridge IGBT based microprocessor controlled power generation unit for the ceramic electrodes

Feed Gas Preparation

Feed Gas	:	Inbuilt Oxygen concentrator
Outlet Pressure	:	9 psi
Compressor	:	Air flow rate 65 to 75 LPM at 4 bar pressure
Oxygen Purity	:	93% ± 3%
Oxygen flow control	:	1 to 5 LPM
Sound Level	:	< 45 dB (A)
Power supply	:	AC 230V+ 10%, 50 Hz + 10%
Electrical classification	:	II class B type
Temperature range	:	10° C – 40° C
Relative Humidity	:	20% to 70%

Safety Features

Automation	:	Fully automated control unit. High voltage (>245V AC) & low Voltage (< 200 V AC)indication & cut off Electrode failure indication & cut off.
Construction	:	Rugged steel body for easy maintenance and solid strength.

Electrical Specification

Input Voltage	:	230 V AC / 50HZ (single phase)
Power consumption	:	700 watts

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