



## TZ 40A

### Dimensions

730mm (L) 680mm (B) X 900mm (H)  
Weight 130 kgs (approx)

### OZONE GENERATION

Ozone generation	:	40 grams per hour
Ozone concentration	:	85 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 inner & 304 outer cooling water jacket tube. Flange ended with Teflon (zero leak proof). Can withstand pressure up to 4 bar. 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 discharge disassociates the oxygen atoms to regroup to form 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 (0.65 bar)
Compressor	:	Air flow oil less
Oxygen Purity	:	93% ± 3%
Oxygen flow control	:	1 to 8 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	:	1000W

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