

## **YORLAB® AIR PURIFICATION TOWER** **Model No.: YSL / YSI-214EX.**

### Specifications:

- This is a High Technology YORLAB Product designed to improve the air health conditions in IVF Labs & OTs. It reduces Particulates, harmful Volatile Organic Compounds (VOC's) Chemical Airborne Contaminants (CAC's) & Micro-organisms. These hi-tech equipment has as many as 9 stages for air purification.

### Filtration Stage :

Pre Filter :for coarse particulate of 10 microns.

HEPA Filter:for Particulate & micro organisms down to 0.3 microns with 99.97% efficiency, DOP Tested.

Activated Carbon Filter : for Fumes & Odours. Activated Alumina Filter : for Volatile Organic Compounds (VOC's) & Chemicals Airborne Contaminants. (CAC's)

Potassium Permanganate : for Germicidal action.

UV Light: for destroying Organic Contaminants.

Ozone Lamp (optional) : for Aesthetizing the Air.

Electrostatic Precipitator : for Fine Airborne Particulate (optional).

Negative ION Generator : for Air Freshness (optional)

Area Coverage & Air Flow

Effective Coverage: 400 Sq. ft. (37 sq. m)

Max. Air Flow: 500 cu. ft./min (850 cu. m./hr)

NEPA Filter Capacity: 650 cfm, ie of 25% over rated capacity for longer life.

Air Filtration Cycle/ Hr. : 7.5 (in 400 sq. ft x 10' ht room)

### Construction:

Construction is of heavy CRCA powder coated after 7-tank pre-treatment. SS-304 is available an optional Castor Wheels & Mains Lead storage for easy mobility.

Dimensions : 27" (W) x 18" (D) x 42" (H)

: 690mm x 460mm x 1070mm



### Standard accessory :

Filter Choke Indicator : Continuously indicates filter choke status.

### Spare / Optional Accessories :

- (1) Timers for i) Ozone shut off ii) Equipment shut off.
- (2) Digital Micro-Controller & CMSO Quartz Time with 7 days/24 Hr, Daily & Weekly setting for auto. equipment On-Off cycling.