



Estd. 1964



YSI-192

Operation
Theatre Canopy



Suitable to work on 220V,
single phase, 50 Hz, AC supply.

www.yorco.co.in



Introduction

Unimeditek O.T. CANOPY is an extremely useful equipment for Operation Theaters. This provides an envelope of Clean Air on and around the Operating Table, Surgical Instruments, & Anesthesia Equipment. This air envelope is of Ultra Clean Air, filtered of all Airborne Particulate Contamination present in the Operation Theatre. The quality of air at HEPA Filter face meets or exceeds US Fed Std 209E. Unimeditek O.T. CANOPY also constantly re-circulates the entire Operation Theatre air, resulting in an upgraded O.T., in addition to coverage of the O.T. Table and surroundings with prime filtered air. O.T. Canopies have become standard installations in all Corporate Hospital Operation Theatre Major & Minor Operation Theatres, & give a host of Advantages as listed.

Retro-Fitting for up-gradation is possible in existing Hospitals/Nursing Homes of long standing whose Operation Theatres were constructed before the advent of this technology. Flush Ceiling Mounting is possible in new constructions.

Advantages

- Greatly reduces chance of Air borne contamination affecting the open wound during surgery.
- Considerably Increases Success Rates affected by air borne micro-organic infection, present in huge quantities even with normal Air Conditioning.
- Faster post operative recovery.
- Early Room/bed availability for next patient's procedure, due to timely discharge of first patient.
- More patient & surgeon confidence due to latest upto date OT infrastructure.
- Up-gradation of Hospital Status, resulting in increased referrals & procedures.
- Low running cost
- Long filter life due to recirculation.

Manufactured By :
YORK SCIENTIFIC INDUSTRIES PVT. LTD.

8/6E, Site-IV, Sahibabad Industrial Aea, Sahibabad Distt: Ghaziabad (U.P.)201010, Ph: +91-120-4741800, +91-9810083057
email: ysipl@yorco.co.in, web: www.yorco.co.in

Features

FILTRATION is Double-Stage, through:

- Pre-Filters of 10 micron rating to trap all coarse particulates,
- HEPA (High Efficiency Particulate Air) Filters of 99.97% efficiency at 0.3 microns to trap all Bacteria/Micro-organic/Germicidal contamination. The (HEPA) Filters are DOP Tested and certified.

Coverage

- The HEPA Filter coverage area is 2900×1950mm which effectively envelopes the OT Table & the surrounding areas. However, due to slight diverging effect as the Filtered Air travels down wards, the actual coverage is even more.
- Acrylic Skirting of thick clear acrylic surrounds the HEPA Filters to direct Filtered Air over OT Table.

Lighting

- Peripheral Fluorescent Lighting (with Electronic Chokes) is provided all around to provide good ambient lighting when the OT Surgical Light is switched off.
- 2 Air Speeds : Hi for initial Purging, Normal for Procedure.
- Low-Noise: less than 58 dbA at ear level.

Construction Options

Laminated Board / Powder Coated Mild Steel / S.Steel 304

Optional Features

UV Lighting Array of UV-C, 254 nm Germicidal action, with Timer Control is available , which can be switched on prior to or in between the day's procedures

Ozone Lamps with Timer Control for sterilization prior to or in between the day's procedures.

Remote Control

A Remote Infra-Red On-Off Control is available. Electronic Filter Choke Alarm with Audio-Visual Indication.

Time Counter Displays cumulative Run Time.

Size : Filter Coverage Area - 2900 x 1950mm

External Dimension : 3900 x 2100mm

Optional

Optional

Optional

Optional

Manufactured By :
YORK SCIENTIFIC INDUSTRIES PVT. LTD.

8/6E, Site-IV, Sahibabad Industrial Aea, Sahibabad Distt: Ghaziabad (U.P.)201010, Ph: +91-120-4741800, +91-9810083057
email: ysipl@yorco.co.in, web: www.yorco.co.in