



TECHNOCRATICS (Private) Limited

ISO 9001:2015 Certified Company

NTN # A351529 GST # 3277876261645



Subject: Supply and Installation of Ceiling Modular HEPA filter for Operation Theatre

آپریشن تھیٹر کے لیے سیلنگ ماڈیولر HEPA فلٹر کی فراہمی اور تنصیب

Supply and installation Modular suspended HEPA filter system for the compliance **Pukhtoonkhawa HEALTH CARE COMMISSION, Punjab HEALTH CARE COMMISSION, SINDH HEALTH CARE COMMISSION**, with recommended environmental, ventilation, lighting and power specifications of Health Building Note (HBN-13), Health Technical Memorandum 03-01 Specialized ventilation for healthcare premises Part A.

Description

Ceiling Modular HEPA filter System for OT room

All Stainless Steel 304 Construction

Ceiling suspended laminar air flow (CLAF) is used for operation theatre to meet Class 5 of BS EN ISO 14644, CLAF provides ultra clean sterile HEPA filtered air in a isolated area where the highly sensitive surgery are carried-out. Clean air CLAF laminar air flow available in complete stainless steel construction or GI construction with PU coated finish.

Differential pressure monitoring done through magnehelic gauges. Various sizes can be manufactured and supplied to suit the specific site conditions.

- HEPA Filter efficiency: 99.999% (Filter media USA, Frame, Taiwan)
- Air cleanliness : ISO Class 5 / Class 100 / M 3.5 AREA
- Air Velocities : 0.45 ± 0.05 mps (90 ± 20 FPM)
- Air Flow : Horizontal / Vertical
- Noise Level : Less than 85 dB
- Washable synthetic pre-filter dust holding capacity: 90 %
- All function control panel: On/Off switches for light & blower
- Blower capable to maintain 0.45 m/s face velocity +/- 20% (imported)

• Power: 220V/50Hz

• Make: **SAF** INTERNATIONAL, Hong Kong



Ceiling suspended Modular HEPA filter

Please feel free to contact Mr. Ayoub Qazi, **03332363343**, 0333-0297007, 0300-3972448, 0317-3017937

Head Office Karachi

+92-21-35001798 +92-333-0297007
+92-300-3972448

Plot No. 763, Future Colony Mor, Main Korangi Industrial Area Road, Karachi, Sindh, Pakistan.

Branch Office Lahore

+92 301 9228811, +92 321 2202241

L-32 Main Street, Al-Nafy Homes, Ring Road, Near 1122 Rescue Office Harbanspura, Lahore.

Branch Office Islamabad

(Under Construction)

+92 334 6600557, 0333-2363343

C - 14, Commercial Area, River Garden, Main Islamabad Express Highway Islamabad.