# Operating Theatre Modular Panel

WTK Modular Panel Operating Theatres are designed to conform to the Health Service standard HTM03-01 / HTM2025.

This standard is adopted by health authorities around the world.
WTK Modular Panel concept has eased the transportation, installation, testing & commissioning of the modern operating theatres.

It is a design & build feature that has large number of technical expertise and know-how.





WTK wall panel is using Powder coated Electrolytic OT sandwich panel-wall.

Panel material (front side) is using 1.2mm Powder coated electrolytic steel while panel material (back side) is using 0.5mm Powder coated galvanized steel.

The filler is Aluminum honeycomb or rock wool and with customized color selection.

Panel thickness is 50mm with antibacterial powder, fireproof grade, antistatic features and it is shockproof and easy to install.

Glass Wall Panel is using double layer 5mm thickness, total 10mm with steel frame, with and without Graphical panels.



Galvanized Steel Panel





Glass Wall Panel with Graphical Schemes

All the sharp edges and corners has been radius to avoid bacteria contamination and better flow air / light system in the theatre.

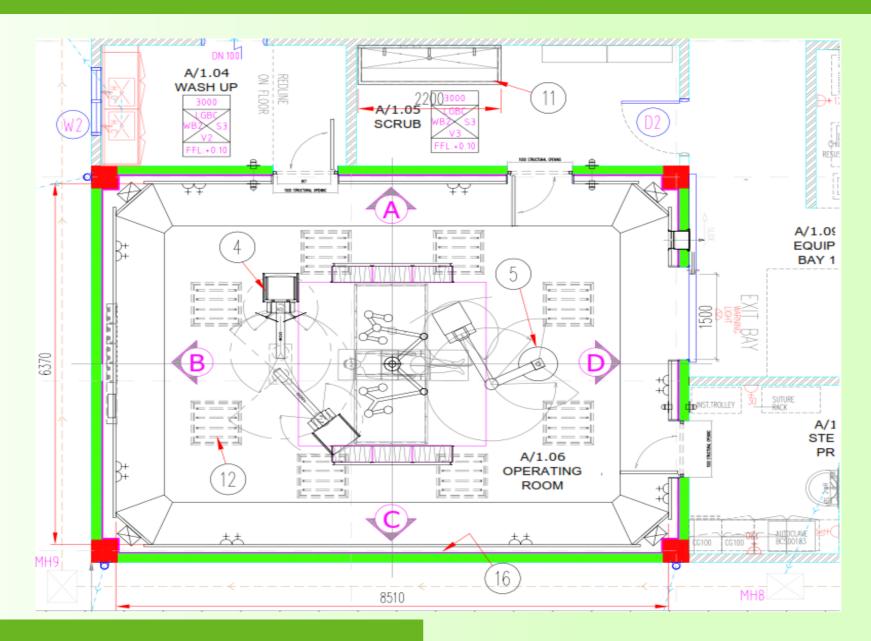
The WTK operating theatre has been designed & build to suit many modern equipment as: -

- 1. Air / Light Ceiling
- 2. OT door
- 3. Electrical equipment
- 4. Pressure relief damper
- 5. Digital OR System
- 6. Lighting System
- 7. Pendants
- 8. OT Control Panel
- 9. OT Table
- 10. OT Light
- 11. Scrub Sink
- 12. Storage system

# Innovative Design in Medical Engineering

# TYPICAL LAYOUT OF PREFABRICATED OPERATION THEATRE





### TECHNICAL SPECIFICATION

HTM 03-01/HTM2025 - Ventilation in Healthcare Premises DIN 4799 - Testing of Air Distribution Systems Serving OT HTM 2007 - Electrical Supply and Services Distribution HTM 2020/2021 - Electrical Safety codes for High & Low Voltage

Designation : WT09000 Hermetically Sliding Door

: Panel with HPL Panel

: Window with laminated isolation glass / lead glass Window Door profile : Native anodised aluminium profiles around the door

**Thickness** : Panel 39.6 mm; including frame 62 mm

: Special door handle for easy opening in one move Handle

: Synthetic sealing to secure optimum sealing Sealing

Bottom guide: Bottom guide to support the door and hermetically

sealing

Power Rating: 240VAC input, 50/60 Hz

#### **MODEL NUMBER**

WT14010 Powder coated Electrolytic OT Wall Panel

WT14011 Glass Wall Panel (without Graphic)

WT14012 Glass Wall Panel (with Graphic)

WT14013 Panel Installation Fittings

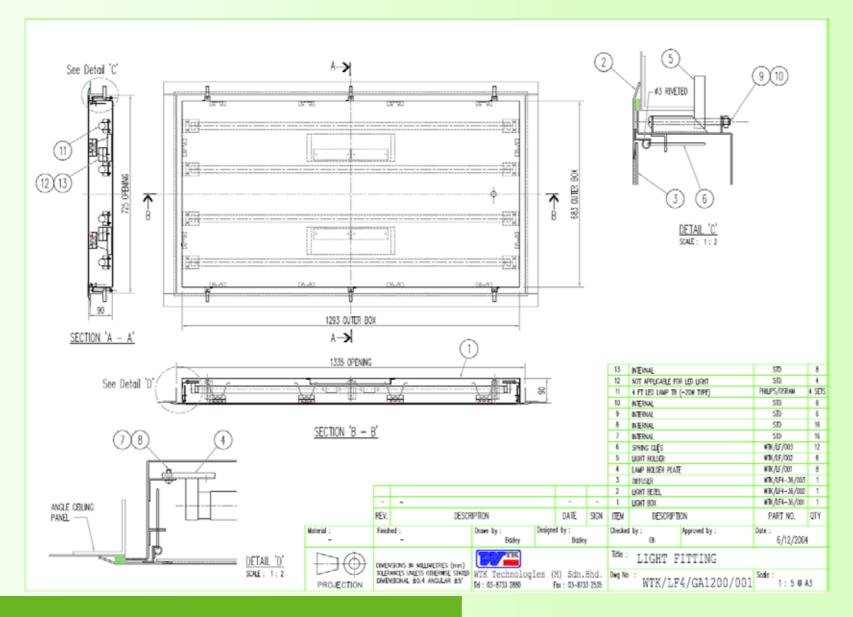
WT14014 Powder coated Electrolytic OT Ceiling Panel

WT14015 Lead Inlay 2mm panel



## TYPICAL LAYOUT OF OT LED LIGHT FITTINGS





#### **TECHNICAL SPECIFICATION**

HTM 03-01/HTM2025 - Ventilation in Healthcare Premises

DIN 4799 - Testing of Air Distribution Systems Serving OT

HTM 2007 - Electrical Supply and Services Distribution

HTM 2020/2021 - Electrical Safety codes for High & Low Voltage

Designation : WT14000LF OT LED Light Fittings

Dimension : 2 x 2 ft, 2 x 4 ft type

Material: Electrogalvanized Steel bezel & box with acrylic sheet

Finishing: White Epoxy coatings

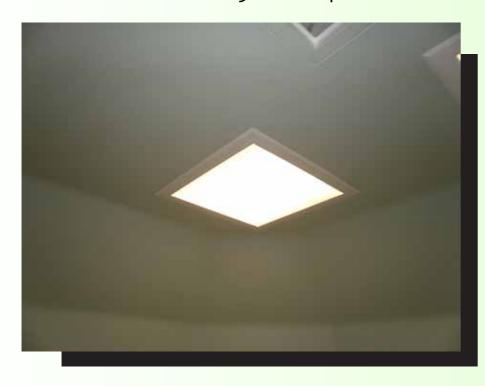
Mounting : Ceiling Mounted with smart clamp

Wall Thk.: 1.5/1.6mm thickness

Power Rating: 240VAC input, 50/60 Hz

## **MODEL NUMBER**

WT14000LF1 2 X 2 ft with 2 LED lamp
WT14000LF2 2 X 2 ft with 4 LED lamp
WT14000LF3 2 X 4 ft with 2 LED lamp
WT14000LF4 2 X 4 ft with 4 LED lamp
WT14000LF0 Other Design Concept







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