



**DESIGN**

**INSTALL**

**DELIVER**

# MODULAR

## OPERATION THEATRE

**If You Want Your Theatre To Be World Class Contact Us!**

**Bravo** | **Plus**<sup>®</sup>

Think Medical Think Us...

Picture for reference only.

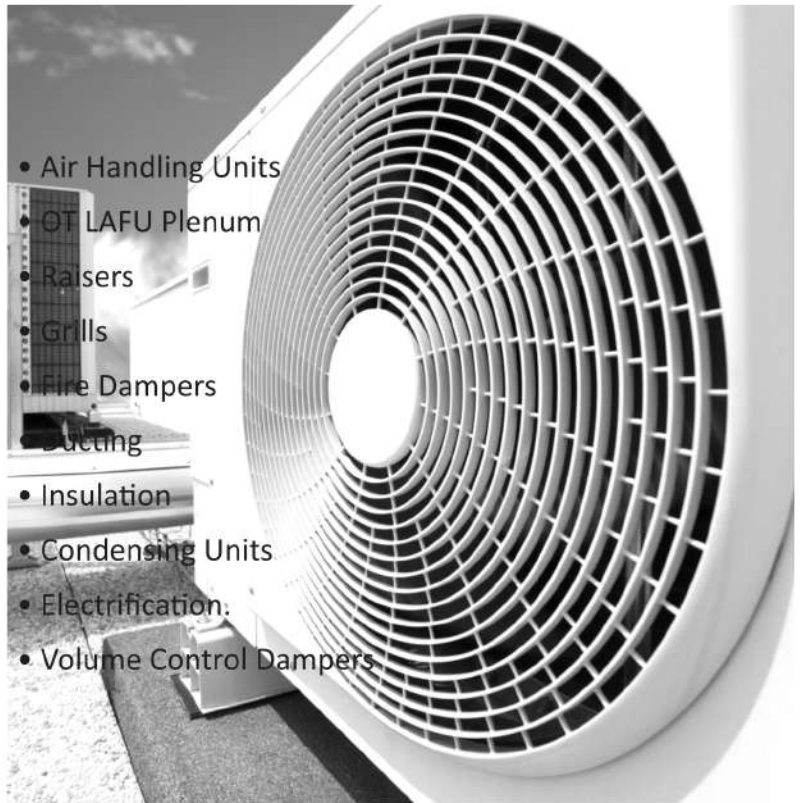
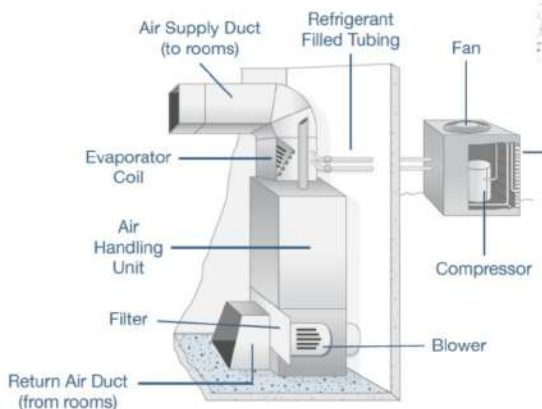
[www.bravoplus.in](http://www.bravoplus.in)

**TRYKER**

## Heating Ventilation & Air-conditioning system

### Model No. : B-HVAC- 01

HVAC system will play the vital role in contamination control for operating room. bravo plus is majorly concentrating Evaporator condenser conceptual study and design of the complete project. This will give you reduction in the initial cost as well in the maintenance cost also. For design, Handling and manufacturing of clean air distribution unit & Compressor components we follow latest guidelines and standards of NABH, ASHRAE, ISHRAE, AMANCA and ARI. PRESTIGE offering the following range of HVAC products



- Air Handling Units
- OT LAFU Plenum
- Raisers
- Grills
- Fire Dampers
- Ducting
- Insulation
- Condensing Units
- Electrification:
- Volume Control Dampers

## Air Handling Unit (AHU)

### Model No. : B-AHU- 02

Our Air Handling Units are suitable for Hospitals & Healthcare Centres. Air Handling Units are available in standard and custom made configuration. We are offering thermal and non-thermal Brake Air handling units also. The AHU panel thickness is available in 50mm and 25mm.

- Our range of Air handling Units
- Floor Mounted Air Handling Units
- Ceiling suspended Air Handling Units
- Double Skin Air Handling Units
- Single Skin Air Handling Units
- Recirculating Air Handling Units
- Ventilation Air Handling Unit
- Heat Recovery Ventilator (HRV)
- Air Handling Units.





## Laminar Air Flow Unit

**Model No. : B-LAF- 03**

Plenum is a specially designed component which create particle-free operating environments by projecting air through a filtration in a laminar or uni-directional air stream. The standard Laminar flow systems can be equipped with HEPA filter housings with HEPA filters. Air is supplied to Laminar flow system Air handing units which is having filters, cooling coils, heating & humidifying systems.

**Bravo Plus** range of laminar flow units offer good quality in construction, low level of operating noise and optimum product protection. The unit is easily and reassembled for easy movement from one place to other. Air drawn through a H14 type HEPA filter and blown in a very Manner.

Standard sizes available

1. LAF PLEMUM 8'X6'
2. LAF PLENUM 6'x4' and custom made models.



### Features :

- High flow directoriven centrifugal blowers
- Noise level is low
- Excellent finish
- High performance HEPA Filters
- HEPA filters status indication system
- Power Consumption is low

## Modular operating room overview

### Ceiling Pendant

Integrated platform for Surgical, Monitoring equipment for Doctors and medical staff

### Pass Boxes

Dynamic pass boxes laminar air flow arrangement with Blower, Motor & HEPA filters.

### Flooring

Antistatic Flooring for avoiding electrical shocks from operating equipment.

## We are specialized and we can design as per your need



### Laminar Flow Unit

Air filtration system results in a laminar or uni-directional air stream for particle-free operating environment

### OT lights

This is absolutely necessary for meticulous and delicate surgical procedures.

### Surgeon Control panel

The system with all the control for the modular operating room in a single window.

**X-Ray viewer**  
With integrated on & off switch for optimum functionality clear visibility, automatic film sensors & power saving mode.

### Heating Ventilation & Air-conditioning system

Decontamination control for operating room by circulating clean air

### Operating Table

Integrated with all the adjustable settings and features, these operation tables offer total control and flexibility

### OT door

Hermetically sealed metal doors designed for use in areas where hygiene and the control of air leakage is critical

## Model No. : B-MD- 04

### Hermetically sealed Metal Doors :

The hermetically sealed metal doors have been specifically designed for use in areas where hygiene and the control of air leakage is critical. The doors offered by us are extremely durable & are hermetically sealed for proper air tightness. The door has a unique wrap around frame with a neoprene seal incorporated which enables the doors to seal perfectly.

We offers following types of doors:

1. GI powder coated metal doors.
2. Stainless Steel (SS) Doors.
3. High Pressure laminated Doors.
4. Automatic / Semi-automatic/manual sliding Doors.
5. Fire Proof Doors.

### Floorings :

We offer wide range of Epoxy and PVC floorings for hospital & healthcare facilities. These floorings are available in suitable colours which looks pretty attractive. For Modular operating room we are offering Antistatic flooring for avoiding electrical shocks from operating equipment.



### Special Features :

1. Highly durable.
  2. Smooth functioning
  3. Attractive designer outlook
- Easily cleanable
  - Hermetically sealed
  - Safety assured

### Special Features :

- Highly surviving to chemicals & Stress factors
- Highly Hygienic
- Easy to clean
- Lowest Life cycle cost
- Low slippage
- Seamless and nonporous
- Available in antistatic

## Model No. : B-PB- 05

### Pass Boxes (Pass-Thru) :

Pass box is a chamber for passing the operating room disposables from operating room to unsterile area & vice- versa. This is helpful to reduce the particulate contamination inside the operating mechanical/electromagnetic interlocking system. So that we have to prevent both doors from being opened at the same time. UV light and CFL light also interlocked with door magnets. If both the doors are in closed condition, UV light switches on and CFL is in off condition. If any door is opened CFL will be turned & UV be will switched off. for dynamic pass boxes there are laminar air flow arrangement with blower, Motor and HEPA filter.



#### RANGE OF PASS BOXES :

1. static Pass Boxex
2. Dynamic Pass Boxes
3. Stainless Steel (SS). SS304, SS316
4. Galvanised Iron (GI), Power coated

#### Features :

- Robust in construction Coving inside the Body, easily cleanable
- Electromagnetic interlocks has long life
- Food grade neoprene gasket arraignment for tightness
- Ultra violet lights protection for sterility
- Available in standard and custom made designs



**LEDX A-20**



**LEDX M-10**

### LED X- Ray Viewer

X ray viewer offered by us is available with integrated on and off switch for optimum functionality. These viewers are widely demanded in medical field for viewing X-ray reports of patients. Owing excellent features such as clear visibility, low maintenance, automatic film sensors and power saving mode our entire range is widely appreciated by our valuable customers. In addition to this, these viewers are available in standard as well as luxury models.

- Ultra- thin design (thickness is only 35mm), professional outlook and effective use of space
- CCFL lamp, can be used for more than 30, 000 hours, which is 8 times than traditional lamp
- Easy use and easy maintenance

- Film sensor and power saver, power is auto on when film in and off when film off
- Now also available with LED technology
- Defend ultraviolet radiation panel, never become Yellow. Low head on the window surface

## Surgical Scrub Sink : B-SS- 06

We offered operating room scrub sinks are made with superior quality materials and advanced technology. These sinks are developed in line with the listed parameters of quality to ensure their high-standards. Keeping in mind the diverse demands of the clients we offer these sinks in different sizes and design.

### Special Features :

- 1 bay, 2 bay and bay are standard variety
- Choice of Elbow operated, Electrically Knee Operated or Sensor Operated
- Electrically or sensor operated shower cock will have elbow operated shower for emergency use
- Fitted with antiseptic dispenser & a soap dish Surgeons Control panels
- The Surgeon control Panels is available in 4, 6 and 9 tile models



## Medical Gas Pipeline systems : B-MGPS- 07

To offer a safe provision of medical gases, Prestige brings high efficiency medical gas Pipeline System. Our Medical Gas Pipeline is perfect to transfer the gases from one place to another, as it overcomes the problems pertaining to the use of cylinders. Only high quality materials are used for the manufacturing of pipes of our Medical Gas Pipeline System.

### FEATURES

Convenient & Cost effective • Alarm system for timely detection • Endurance against high pressure • Easy maintain

**Experience More Than 15 Years MGPS**

## Surgeon Control Panel : B-SCP- 08

Surgeon Control panel is the system which is having all the control for the modular operating room in a single window. Prestige is offering Membrane type control panels to meet the operating room hygienic condition. The Control panel is user friendly and provide ease in operating and maintenance. We can develop customized control panels against the requirements.



### FEATURES AND MAJOR PARAMETERS AVAILABLE IN SURGEON CONTROL PANEL :

1. Digital Clock
2. Elapsed time Clock
3. Temperature and RH indicators
4. HEPA Filter status indicator
5. alarm System.
6. Central lighting control system
7. Feather touch telephone set
8. Music system
9. Flush Mounteds
1. Membrane tile type modular design





**Model No. : B-CP- 09**

**Ceiling Pendants :**

Our Ceiling Pendants caters an integrated platform for Surgical, Monitoring equipment for Doctors and medical staff in operation Theater for great practical utility. These pendants are designed to rotate flexibly as per Doctor's staff requirement.

**MODELS AVAILABLE :**

1. Rigid pendants 2. Single arm/Dual arm pendants.

**FEATURES :**

- Cross arm and Control box are moulded from high strength
- Aluminum and the Surface is oxidized durability.
- Cross Arm's rotation and height adjustment are controlled by
- imported electric motor. Rotation is flexible and free
- Pneumatic brakes and mechanical brakes provide firm and accurate
- locking position.
- Power supply, Gas Pipeline and communication lines are arranged
- separately in one set. 360 degree rotatable.

**OT LIGHTS :**

The surgical lighting is very important for providing an optimal visual environment in the operation theatre, as this is absolutely necessary for meticulous and delicate surgical procedures. We supply multiple possible configurations for Operation Theater Lighting to meet diverse requirements of the surgeries.

**Technical Specifications**

- Use of the advanced LED as the light source
- Eco-friendly & Low consumption of power
- Adopts a very streamlined ultra- thin design
- The LED light used produces no ultraviolet and infrared radiation
- Integrated with a background illumination bulb for providing auxiliary light source in case of laparoscopic operations
- Less resistant to air order to facilitate the entry of purified air into operation wound



- Digitally Programmed by double- CPU Micro-computer
- The outer body are of excellent quality and are balanced
- Handle can be detached easily for disinfection and sterilization after operations
- Alarming indicator for warning doctors about the breakage of one or groups of LED bulbs
- LED has longer service life.

*Refer Page 3 & 4*