



MODULAR
SERVICES COMPANY

SPECIFICATIONS

FLATWALL



PRODUCT DESCRIPTION

General

The Modular Services Flatwall is a vertically oriented, surface-mounted patient services assembly. This system uses vertical and/or horizontal component chases to conveniently locate services. Component chases contain medical gas, electrical and communications, as required. Flatwall units are UL listed.

Accessory Equipment Management System

The Accessory Management System includes integral vertical accessory tracks which are flush with the front face of the unit. The interior of the track is easily accessible from the front for cleaning. Vertical accessory mounting tracks are capable of accepting adaptors throughout their entire length.

Detachable Accessories

Detachable accessories are available in a sufficient variety to meet the needs of typical hospital applications. Accessories include a vertical track adaptor which is designed as a transition between many of these accessories. Vertical track adaptors are designed to allow attachment into the track at any point without the need for insertion slots. Accessories are to be as called for in the project drawings.

Component Chases

Component chases accept standard-depth components such as medical gas outlets, clocks, nurse call stations, electrical plugs, light switches, etc. Chases are designed to allow easy access for service or future modifications.

Decorative Access Panels

Decorative access panels are included to provide further access to the interior of the product for future piping, wiring or component changes. Panel fasteners are concealed for a finished appearance.

CONSTRUCTION

Frame

The frame is constructed of heavy-gauge aluminum profiles with integral vertical accessory tracks that are anodized or powder coated in either "Surf" or "Platinum Grey".

Component Fascia

Component fascia and device cover plates shall be anodized aluminum or steel with a powder coated finish in either "Surf" or "Platinum Grey".

Access Panels

Access panels are constructed of decorative high pressure laminate over a fire retardant, high-density particle board core with a high-pressure laminate backer.

MEDICAL GAS CONNECTIONS

Piping

Medical gas outlets are pre-manifolded using Type "L" copper in accordance with NFPA 99 and terminate at the top of each unit, or as otherwise indicated on the project drawings. To prevent galvanic corrosion, all copper tubing is protected from contact with dissimilar metals.

Medical Gas Outlets

Outlets are to be the type and style as called for on the project drawings.

ELECTRICAL CONNECTIONS

Wiring Line Voltage

Each Flatwall is completely pre-wired with service connections terminating above the ceiling line or as otherwise indicated on the project drawings. All wiring is to be in accordance with UL requirements.

Low-Voltage Provisions

Provisions for low-voltage communication devices consist of backboxes or barriered compartments. Communications devices and wiring are to be supplied and installed by others. These devices include nurse call, television outlets, code blue, telephone outlets, monitor jacks, etc.

Devices

Hospital-grade power receptacles, ground jacks, switches etc. are to be installed as indicated on the project drawings.

INSTALLATION

Installation of the product includes receiving, storage, erection, overhead bracing, clean-up, touch-up, carton disposal, etc. All necessary installation materials are to be supplied by the contractor to include such items as tools, fasteners, caulking and electric lamps not supplied by the manufacturer.

The electrical contractor is responsible for all electrical hook-up at service connection locations, as well as interconnect wiring on multi-section units. After the installation is complete, the electrical contractor is to test equipment function, including electrical receptacles and grounding, in accordance with NFPA requirements.

The medical gas contractor is responsible for piping and connection of all medical gas services, as well as connection of piping between sections on multi-section units. The medical gas contractor is also responsible for purging, pressure testing, gas identification and system certification in accordance with NFPA 99.

Accessory items are to be installed in accordance with the manufacturer's instructions and under the direction of the hospital.



MODULAR
SERVICES COMPANY

500 E. Britton Rd. • Oklahoma City, OK 73114

Tel: 800.687.0938 • Fax: 405.528.0368

www.modularservices.com

info@modularservices.com