



MODULAR
SERVICES COMPANY

SPECIFICATIONS

PROVIDER™



PRODUCT DESCRIPTION

The Provider™ is a UL-listed, surface-mounted, horizontal modular services assembly. This system uses one or more horizontal component tiers to conveniently locate services such as medical gas, electrical and communications.

Horizontal channels are an integral part of the horizontal tier assembly and are flush with the front face of the unit. The lower channel surface is flat and smooth to facilitate ease of cleaning.

Horizontal channel accessories are available in a sufficient variety to meet the needs of typical hospital applications. One of the accessories available is a horizontal channel bracket that automatically locks in place. This bracket includes a plastic locking pad to protect the surface finish of the channel and is designed for one-hand operation. All accessories are as called for on the project drawings.

The vertical service chase provides concealment of incoming electrical and medical gas piping (supplied by others). Each chase includes a decorative removable front access panel designed to conceal service piping. Service chases are also capable of containing vertical equipment tracks to accept manufacturer's standard adapters and accessories. Vertical service chase tracks are designed to accept adapters at any location along the track without the use of insertion slots, and are designed to facilitate ease of cleaning. Vertical service chase tracks and accessories are as indicated on project drawings.

Horizontal component tiers are designed to accept standard-depth components such as medical gas outlets, clocks, nurse call stations, electrical plugs, light switches, etc. All component tiers over 10" high include decorative removable front access panels. The top profile of each horizontal tier includes an integral mounting flange with a sloped, removable, decorative trim panel to conceal the upper mounting hardware. This trim panel slides into place without the use of tools.

CONSTRUCTION

Horizontal Component Tier

Horizontal component tiers have heavy-gauge anodized aluminum profiles with an integral horizontal accessory channel and 16-gauge steel backplate.

Component Fascia

Component fascia are aluminum with anodized or painted finish. Device plates are anodized aluminum.

Access Panels

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

Vertical Service Chase

The vertical service chase is extruded aluminum with a clear anodized finish, with an access panel as indicated above.

MEDICAL GAS CONNECTIONS

Piping

Medical gas outlets are pre-manifolded using Type "L" copper in accordance with NFPA 99 and terminate at the end of each horizontal component tier, or as otherwise indicated on the project drawings. All joints are made with a silver brazing alloy with a melting point of at least 1000°F. Tubing ends are securely capped and properly identified. To prevent galvanic corrosion, all copper tubing is protected from contact with dissimilar metals.

Medical Gas Outlets

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

ELECTRICAL CONNECTIONS

Wiring Line Voltage

Each horizontal component tier is completely pre-wired with service connections terminating at the end of each tier, 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 consists of backboxes or barriered compartments. Communication 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 as indicated on the project drawings.

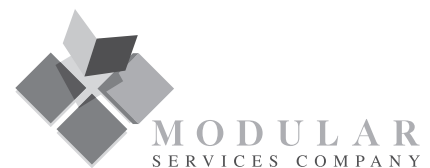
INSTALLATION

Installation of the product includes receiving, storage, erection, wall 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 piping, wiring, hook-up of horizontal service tiers and interconnect wiring on multi-section units. All hardwired light fixtures are to be installed, wired and lamped by this contractor. 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 which terminate in each horizontal component tier, as well as connection of piping between 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.



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