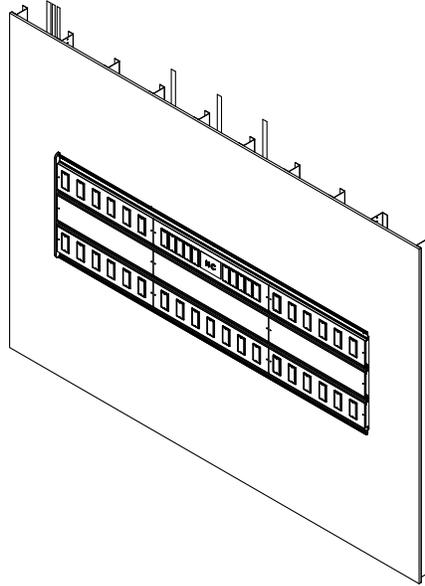




MODULAR
SERVICES COMPANY

SPECIFICATIONS

SILHOUETTE® III (console version)



PRODUCT DESCRIPTION

The Silhouette® III Console is a UL-listed, horizontally-oriented, semi-recessed medical gas and electrical service assembly. This system uses one or more component tiers and horizontal equipment channels to conveniently locate services such as medical gas, electrical and communications. The unit is designed to be installed into a framed opening in the stud wall.

Horizontal channels are an integral part of the assembly and are flush with the front face of the unit. The lower channel surface is flat and smooth to facilitate ease of cleaning. The channels have a powder coated finish to match Formica #923 "Surf".

Horizontal channel accessories are available in a sufficient variety to meet the needs of typical hospital applications. One of the accessories is a horizontal channel bracket that automatically locks in place. The 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.

Horizontal component tiers are designed to accept standard-depth components such as medical gas outlets, clocks, nurse call stations, electrical plugs, light switches, etc. The top and bottom horizontal equipment channels have integral rounded trim for drywall installation.

CONSTRUCTION

Horizontal equipment tiers are constructed of heavy-gauge aluminum with a powder coated finish. The component fascia is constructed of aluminum or steel with a high-pressure laminate finish. Device plates are powder coated aluminum.

MEDICAL GAS CONNECTIONS

Piping

Medical gas outlets valve stems exit the Silhouette III housing as indicated on the project drawings. Gas/vacuum piping is to be connected above the finished ceiling (by others) prior to drywall installation. Pipe fittings and brazing procedure are to be in accordance with NFPA 99. 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 manufacturer's standard brand. Type and style are as called for on the project drawings.

ELECTRICAL CONNECTIONS

Wiring Line Voltage

All services are pre-piped and pre-wired internally, as described in the project drawings. Conduit connectors are provided on the Silhouette III housing, as indicated on the project drawings, along with sufficient wire to connect to a field-installed junction box. All electrical connections are to be made between the unit and a field-installed junction box prior to drywall installation.

Low-Voltage Provisions

Provisions for low-voltage communication devices consist of backboxes or barriered compartments. Communication devices and wiring are to be supplied and installed by others. These devices include nurse call, television, code blue, telephone, 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. All hard-wired light fixtures are 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. 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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