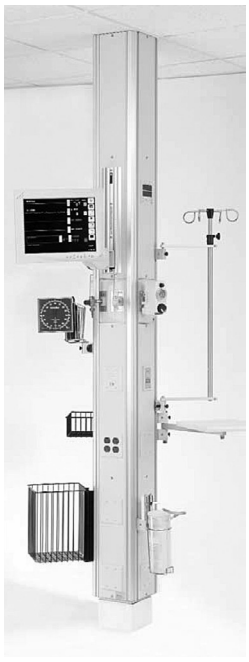
MODULAR
SERVICES COMPANY

SPECIFICATIONS

OPEN ACCESS COLUMN



9" x 9"
Open Access Column
Model 5701

Mini Multi-Dimensional
Open Access Column
Model 5501

5-Sided
Open Access Column
Model 5706

Not shown:

12" x 12" Open Access Column
Model 5704

9" x 12" Open Access Column
Model 5705

PRODUCT DESCRIPTION

The Open Access Column is a UL-listed, multi-sided, vertical hospital modular service assembly with a small footprint to minimize floor space usage in the patient vicinity. The design permits the simultaneous use of flowmeters, regulators, humidifier bottles, etc.

Columns are available in several sizes and configurations (see model listing above), and use vertical component chases to conveniently locate up to 12 medical gas outlets, as well as electrical and communications services, as required.

Vertical accessory tracks at each corner of the column are mounted flush with the faces of the unit and are an integral part of the column assembly. The interior of the tracks are easily accessible from the front for cleaning. Vertical accessory mounting tracks are capable of accepting adapters throughout their entire length.

Vertical track accessories are available in a sufficient variety to meet the needs of typical hospital applications. One of the accessories available is a vertical track adapter designed to allow attachment into the vertical accessory track at any point without the need for insertion slots. All accessories are as called for on the project drawings.

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.

CONSTRUCTION

Frame

The frame is constructed of heavy-gauge anodized aluminum profiles with integral vertical accessory tracks.

Component Fascia

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

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. 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 column is completely pre-wired with service connections terminating at the top of the unit, 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.

Electrical 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 columns and 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.

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