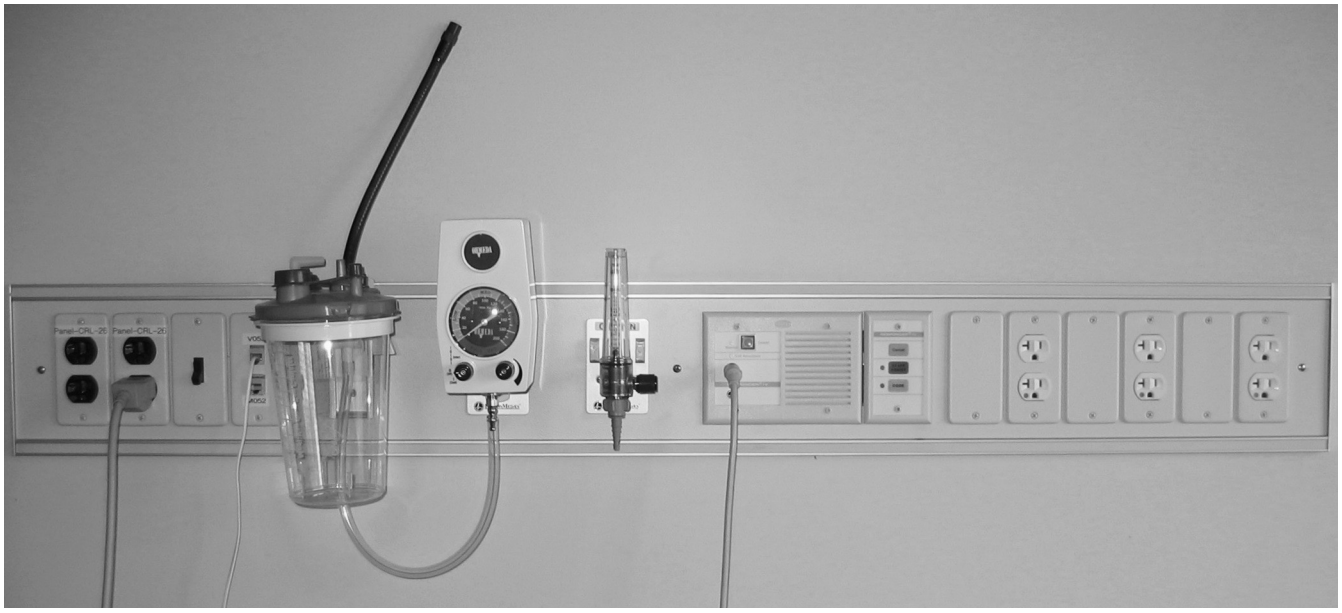
MODULAR
SERVICES COMPANY

SPECIFICATIONS

CONSOLE



PRODUCT DESCRIPTION

The Console is a UL-listed, horizontal medical gas and electrical service assembly to conveniently locate services such as medical gas, electrical and communications. The unit is designed to accept standard-depth components such as medical gas outlets, clocks, nurse call stations, electrical receptacles, light switches, etc.

CONSTRUCTION

Console backboxes are constructed of 16-gauge galvanized steel. Electrical components of different voltages are compartmentalized by means of metal barrier plates, which may be added or relocated to facilitate future electrical system modifications. Mounting panels for electrical devices and medical gas outlets are constructed of 16-gauge steel with finish options being either a powder coating in "Surf" or "Platinum Grey". Each panel includes a clear anodized extruded aluminum trim around the edges and contains a series of openings for attachment of electrical devices and device cover plates. Each panel mounts directly to the backbox, and device cover plates are attached directly to the face for ease of removal and servicing of devices.

MEDICAL GAS CONNECTIONS

Piping

Medical gas outlets include pigtails only for connection by others. This piping is to be connected above the finished ceiling (by others) prior to drywall installation. 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

Electrical devices are not pre-wired. All conduits and wiring are furnished and installed by others at jobsite. Connection of conduit runs and wiring to the electrical service console is to be made before drywall installation is performed. All electrical connections are to be made between the unit and a field-installed junction box prior to drywall installation. Once these steps are performed, drywall installation may proceed.

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, 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, 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 conduits, wiring hook-up of electrical service locations, and (if applicable) interconnect wiring between frame sections. 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. The medical gas contractor is also responsible for purging, pressure testing, gas identification and system certification in accordance with NFPA 99.

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