

SERVIPORT series

RETRACTABLE CEILING SERVICE MANAGER



Construction Specification

This Retractable Ceiling Service Manager unit shall be constructed of .094" thick 6063-t 5 alloy, extruded aluminium for all structural frame. All exposed aluminium surface shall be clear anodized. Each vertical edge shall be equipped with Medical Design's angled track system as an integral part of the main frame. Integrated rails are designed to manage hospital equipment and accessories both horizontally and vertically. Side and front panels shall be made of powder coated aluminium sheet and shall be pre-punched with openings to accept medical gas outlets, electrical and communication devices. The unit shall be fully retractable and come flush with the ceiling. This product is cULus listed.

Material Specification

Structure

Panels shall be constructed of powder coated aluminium sheet. The extruded aluminum structural frame shall be clear anodized. All serviports are fully retractable and custom made.

Medical Gas

Console style medical gas outlets shall be supplied and installed by Medical Design. Connections of all medical gas outlets are done with color coded flexible hoses. These flexible hoses are connected to the Hospital pipeline system through D.I.S.S. riser connectors supplied with the unit and installed by the local mechanical contractor. Installation and testing shall comply with National Fire Protection Association (NFPA 99c) & CSA Z7396.1.

Electrical Equipment

Electrical devices shall be supplied and pre-wired by Medical Design. Wiring shall run through a metal raceway and terminate at the top of the unit for a single connection point to the Hospital electrical system. Conductors shall be #12 AWG stranded copper wire for normal and emergency power circuits. All devices shall be grounded with #10 AWG green jacket stranded copper wire. All electrical receptacles shall be NEMA 5-15/20R, 125volts AC, hospital grade and comply with CSA and are cULus listed. Receptacles shall be red for emergency and ivory for normal power.

Communication

Communication devices shall be supplied and installed by others. Provisions for devices shall be coordinated with Medical Design. Metal raceway with pull cord extending from service provision to junction box will be supplied.

Integrated rails (Optional)

Horizontal and vertical rails are to be clear anodized. The numbers of rails required will be identified on the final shop drawings.

Accessories (Optional)

Medical Design can provide the required accessories needed as per shop drawing. Please see Medical Design's accessory catalogue for more information.

Shop drawings and submittals

Project specific shop drawings will be produced for every order. Medical Design will manufacture equipment as per signed shop drawings.

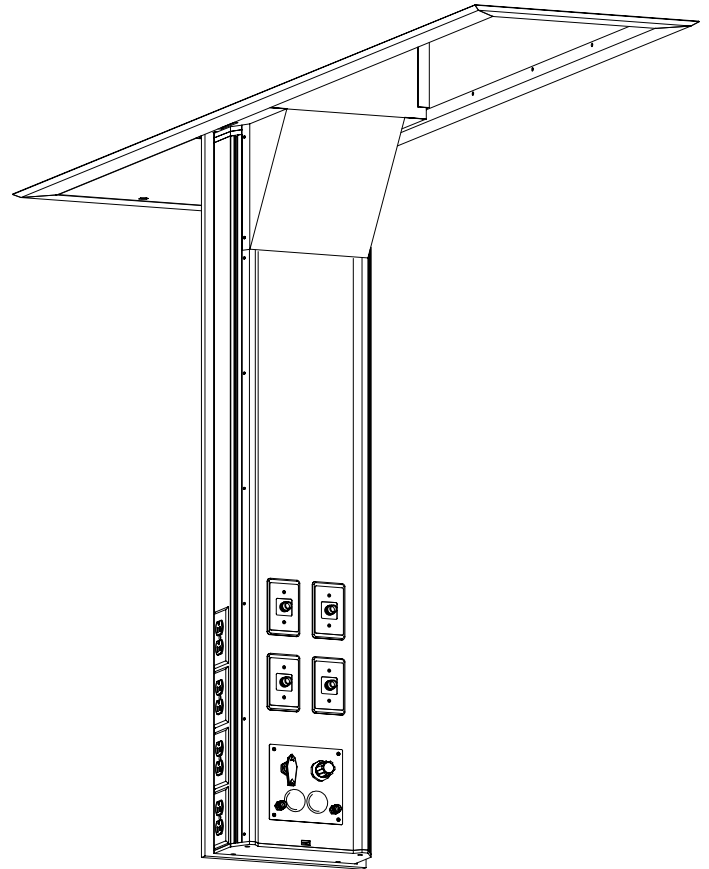
Site Installation

Installation of the product includes but is not limited to receiving, storage, erection, clean-up, and waste disposal. All units shall be installed in accordance with Medical Design's installation instructions. The mechanical and electrical contractor shall provide the final connection to the hospital system. The contractor has the responsibility to ensure that every unit complies with all National, State and Local Codes. The contractor shall supply all necessary installation material.

Warranty

Medical Design warrants its architectural products to be free from defects in material and workmanship for a period of twelve (12) months from the date of install. Within this period, Medical Design will repair or replace any part on site, or at the factory, which is proven to be defective at Medical Design's cost.

Furthermore, Medical Design will warrant its material to be free from defect for an additional period of four (4) years [five (5) years from date of install]. Within this period, Medical Design will replace any part, at no charge, which is proven to be defective. Shipping and Installation costs after the first twelve (12) months will be borne by the customer.



Item number definition

SP-XX-YY

"XX"= Width in inches

"YY"= Height in inches