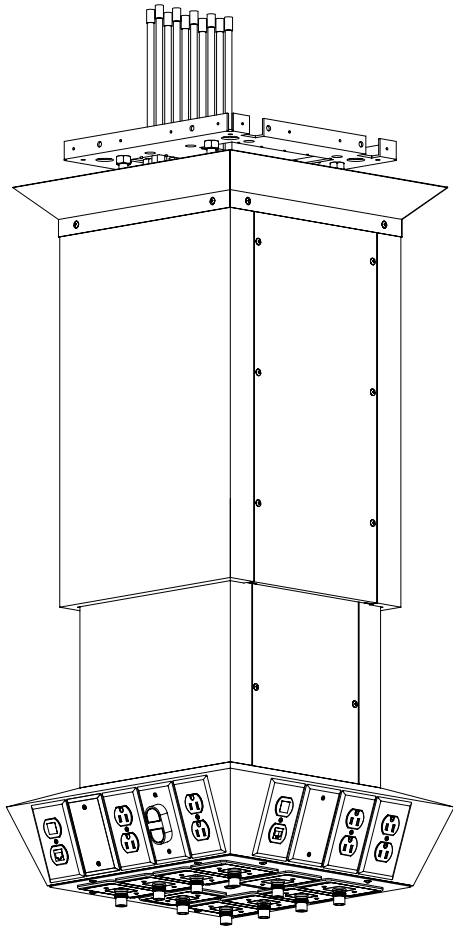


Diamond Series

Electrically Operated Ceiling Column



Item number definition

CCD-XXYY-R-E-Y

"XX"= Height in inches, "YY"= Stroke

R= Retractable

E= Electric

Y= Finish type (Paint or Stainless Steel)

Construction Specification

The Retractable Ceiling Column shall be of the electrical operated design, and includes an upper section for rigid mounting at ceiling level, a telescopic lower section of 16 inches vertical adjustment and a ceiling collar. Both upper (fixed) and lower (retractable) sections shall be of 16 gauge stainless steel with a number 4 finish. The telescopic section is activated using an electric actuator able to stop the unit at any level along its race, according to the user desired position. The control consists of a push button located on the unit head or on the nearby wall. Standard column dimensions shall be 13.5"x13.5" for the upper fixed section and 12"x12" for the lower retractable section. This product is cULus listed.

Medical Gas

Medical gas outlets shall be furnished pre-installed within the bottom faceplate (devices orientated horizontally facing down). Connections of all medical gas outlets between the upper fixed section and the lower retractable section 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. All threaded connections shall comply with National Fire Protection Association (NFPA 99c) & CRN (BNQ 5710-500, CSA Z305.1/B51-95) recommendations to prevent cross connections.

Electrical Equipment

Electrical devices shall be furnished pre-installed on bottom of the column shroud (devices oriented vertically facing outward) of the column, and terminated within the column in a junction box located below the ceiling level. Wiring between devices and junction box shall be run in flexible aluminium conduit or cabling. The junction box shall be accessible through the access panel. All electrical receptacles are NEMA 5-15/20R, 125volts AC, hospital grade, comply with CSA and are cULus listed. Emergency receptacles shall be red in color and ivory for normal receptacle.

Communication

Communication devices shall be supplied and installed by others. Provisions for devices shall be coordinated with Medical Design.

Site Installation

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 insure that every unit is subject to a final site inspection in compliance with all National, State and Local Codes.

Typical Shop Drawing

DIAMOND SERIES CEILING COLUMN - RETRACTABLE ELECTRICALLY OPERATED

