

Ceiling Columns/Retractable

VACUUM POWERED RETRACTABLE

FEATURES:

- Eliminates hoses and wires that clutter the floor.
- Provides easy access to medical gas and electrical service near the point of use, where they are needed.
- Provides remote receptacles for EEG/EKG, 115 volt electrical service and ground jack receptacles in addition to the medical gases, including high pressure nitrogen using Chemetron's patented, safety-designed DYNA-CON outlet.
- Up to 6 medical gas outlets for operating rooms, and up to 8 outlets for recovery rooms in either D.I.S.S. or Quick-Connect styles.
- No push or shove needed to extend or retract with the vacuum-powered piston doing the work.
- Ideal for recovery rooms.
- Strong 18 gauge stainless steel shell.
- Four I.V. hooks are standard equipment.

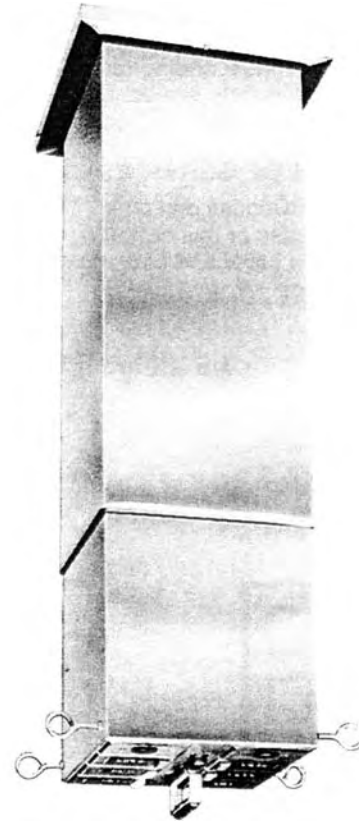
SPECIFICATIONS:

Where indicated on the drawings, provide vacuum piston-powered Retractable Ceiling-Mounted Service Columns for ___ operating/delivery/cysto, ___ recovery/ ICU-CCUrooms. Coordinate with other trades to avoid conflict with other ceiling services.

Retractable Ceiling Columns shall be constructed of 18 gauge Stainless Steel with No. 4 finish. The Mechanical Contractor shall provide medical gas piping to D.I.S.S. fittings furnished in the structural mounting plate for the ceiling columns; internal, flexible hoses shall be furnished in the ceiling column for final connection between the mounting plate and medical gas outlets.

The vacuum-powered piston mechanism, housed in the upper section, shall be actuated by a three-position valve for up-stop-down movement. The actuating valve shall be located on the bottom of the column. The valve shall automatically close when the column reaches full retraction or extension; a positive stop mechanism shall hold the column at any desired height between retracted length of 36" and extended length of 54".

Medical gas outlets shall be factory installed. Retractable ceiling columns for OPERATING ROOMS shall provide the following: ___ Quick-Connect, ___ D.I.S.S. medical gas services for ___ Oxygen, ___ Nitrous Oxide, ___ Medical air, ___ Vacuum, and ___ High Pressure Nitrogen. Medical gas outlets shall be mounted on the bottom of the column. In addition, ___ (max. 3) Hubbell 23000 HG, 115V AC receptacles; ___ (max. 2) 5-terminal receptacles, Amphenol #MS-3100A-14S-5S for EEG/EKG; and ___ (max. 4).



Hampden SLR-3S ground jack receptacles shall be provided for bottom and/or side mounting according to the manufacturer's recommendations. Internal wiring of electrical fixtures shall be the responsibility of the Electrical Contractor.

Retractable ceiling columns for the RECOVERY ROOMS shall provide the following: ___ Quick-Connect, ___ D.I.S.S. medical gas service outlets for ___ Oxygen, ___ Medical air, ___ Vacuum. The outlet stations shall be mounted on the sides and front of the column. In addition, ___ (max. 3) Hubbell 23000 HG, 115V AC receptacles; ___ (max. 2) 5-terminal receptacles, Amphenol #MS-3100-A-14S-5S, for EEG/EKG; and ___ (max. 4) Hampden SLR-3S ground jack receptacles shall be provided for bottom and/or side mounting according to manufacturer's recommendations. (Internal wiring by others.)

Four (4) I.V. hooks shall be supplied with each ceiling column.

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Ceiling Columns/Retractable

STAINLESS STEEL, MANUAL RETRACTABLE

FEATURES:

- Eliminates hoses and wires that clutter the floor.
- Provides easy access to medical gas and electrical services near the point of use, where they are needed.
- Provides the maximum in services, including medical gases nitrogen, electrical and grounding receptacles, and four I.V. hooks. Strong 18 gauge stainless steel shell.
- Up to 10 medical gas outlets for operating rooms and recovery rooms in either Quick-Connect or D.I.S.S. styles.
- Automatic return of handle to the locked position for safety, when released.

SPECIFICATIONS:

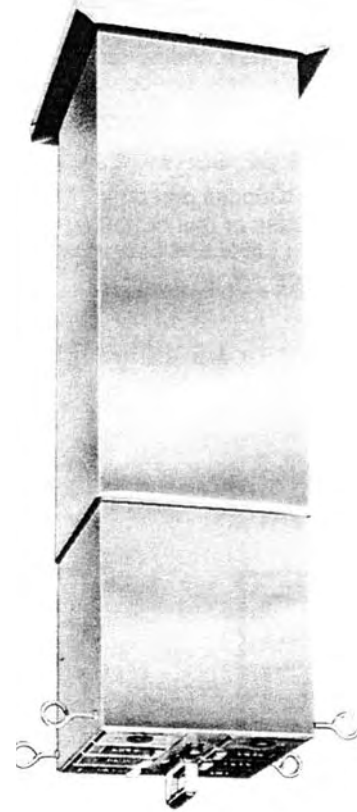
Where indicated on the drawings, provide Manually Retractable Ceiling Mounted Service Columns for ___ Operating/Delivery/Cysto, ___ Recovery/ICU-CCU rooms.

Retractable Ceiling Columns shall be constructed of 18 gauge Stainless Steel. Bottom plate shall be 14 gauge stainless steel with welded seam, ground smooth for seamless appearance with No. 4 satin finish. D.I.S.S. medical gas pipeline fittings will be furnished in the structural mountings plate; internal flexible hoses shall be furnished in the ceiling column for final connection between the mounting plate and installed medical gas outlets. Outlet stations shall be Chemetron type and style.

The column shall incorporate a constant force spring mechanism that will provide a power-assist for retraction and maximum extension of up to 18 inches. Fully extended it shall be 54 inches long. 36 inches long shall be the fully retracted length.

It shall have a spring-loaded friction brake that maintains the brake in locked position to avoid unwanted movement until intentionally unlocked with a quarter turn of the smooth surface, closed loop handle located on the bottom of the column. The column shall also contain (2) - 3 inch stabilizing rollers in each of 4 corners, located in the extracting shell to assure smooth retraction and extension. Rollers shall be secured by stainless steel rackets welded to the retracting shell.

The electrical contractor shall provide electrical wiring to factory-installed electrical receptacles as indicated in the Table of Accessories.



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STAINLESS STEEL STATIONARY

FEATURES:

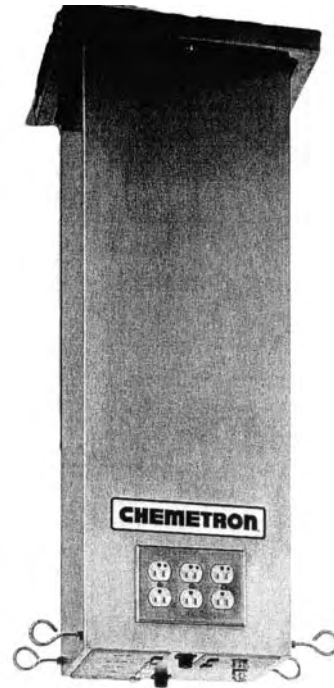
- Eliminates hoses and wires that clutter floors.
- Provides easy access to medical gas and electrical services near the point of use, where they are needed.
- Strong 18 gauge type 304 stainless steel shell.
- Suitable for remodeling as well as new construction.
- Available with up to 20 services in combinations of medical gas, electric, ground and remote monitor receptacles.

SPECIFICATIONS:

Where indicated on the drawings, provide Chemetron Stainless Steel Stationary Ceiling Mounted Service Columns having 18 gauge sides and 14 gauge bottom plate with No. 4 Satin finishes. All welds are to be ground smooth for seamless appearance. Four (4) side-mounted I.V. Hooks shall be provided.

An Access Panel shall be furnished in each Ceiling Column to facilitate installation and servicing of internal fixtures.

Ceiling Columns in Operating Rooms shall terminate 6'6" above finished floor. Standard ceiling column length is 36". Installer to verify ceiling height for correct Column length. A stainless steel collar shall be provided to trim out the column against the finished ceiling.



Factory-installed Medical Gas Outlets shall be pre-piped within the column, and extended 6" beyond the column mounting plate. Final connection to the Medical Gas Distribution System shall be made by the installer. Medical Gas Outlets shall be Chemetron quick-connect or D.I.S.S. as specified under Medical Gas Outlet Stations and as listed in the Table of Accessories.

The Electrical Contractor shall provide electrical wiring to factory-installed electrical receptacles as indicated in the Table of Accessories.

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