Medical Headwalls

Class 4870

CONTENTS

Description ................................................................. Page
Headwalls and Columns .................................................. 2
Neonatal ................................................................. 26
Medical Rail Systems ................................................... 33
Lighting ................................................................. 50
Ancillary ................................................................. 63
HEADWALLS AND COLUMNS

SQUARE D® AXIOM™ PATIENT CARE HEADWALL

The Axiom Patient Care Headwall is manufactured in multiple configurations and sizes to meet the needs of various areas of the hospital.

Configurations

The Half-wall

The half-wall is extremely useful in a room where a concentration of patient services (electrical, medical gas, nurse call, telephone, etc.) is needed and limited space is available. It can service one or two patients, and consists of a single section that mounts approximately 30–45 in. above the finished floor (AFF).

The Single Section

The single section headwall can be used in a general or critical care area. It can be equipped with a wide variety of services (electrical, medical gas, communications, monitor, etc.). It can also service one or two patients. The unit pictured on the left is equipped to service one patient. The single section headwall is the most popular version of the various headwall systems because it offers great flexibility in selection of patient care services and applications.

Double Section Units

The double section headwall consists of two vertical sections mounted adjacent to each side of the bed. It is often used for one patient when the single section does not offer enough space or accessibility for patient services. The double section headwall permits a greater selection of patient services, and allows splitting of these services to serve the patient from either side for more efficient use by hospital personnel.

Triple Section Units

The triple section headwall consists of three separate sections containing a variety of patient services.

Features

- Standard vertical equipment tracks are part of each headwall
- Large selection of track accessories
- Flexible headwall designs easily accept customer options
- Durable, low-maintenance construction
- Accept all brands of medical gas outlets or nurse call systems
Options

- Nurse call
- Medical gas outlets
- Equipotential grounding system
- Storage cabinets
- Bed bumpers
- Monitor support
- Isolated power
- Emergency electrical receptacles
- Normal electrical receptacles
Medical Headwalls
Headwalls and Columns

Dimensions

- 72 in. AFF* (1829 mm)
- 54 in. AFF* (1372 mm)
- 39 in. AFF* (991 mm)
- 6 in. AFF* (152 mm)

*Above finished floor
Medical Headwalls
Headwalls and Columns

30½ in. (775 mm)

72 in. AFF* (1829 mm)

54 in. AFF* (1372 mm)

39 in. AFF* (991 mm)

6 in. AFF* (152 mm)

*Above finished floor
Medical Headwalls
Headwalls and Columns

*Above finished floor

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Medical Headwalls
Headwalls and Columns

*Above finished floor

72 in. AFF* (1829 mm)
54 in. AFF* (137 mm)
39 in. AFF* (991 mm)
6 in. AFF* (152 mm)
Medical Headwalls
Headwalls and Columns

- 30½ in. (775 mm)
- Marker Board
- 72 in. AFF* (1829 mm)
- 54 in. AFF* (137 mm)
- 39 in. AFF* (991 mm)
- 6 in. AFF* (152 mm)

*Above finished floor
Medical Headwalls
Headwalls and Columns

30½ in. (775 mm)

72 in. AFF* (1829 mm)

54 in. AFF* (137 mm)

39 in. AFF* (991 mm)

*Above finished floor
Medical Headwalls
Headwalls and Columns

Ceiling Line

40 in. (1016 mm)

*Above finished floor

4 in. AFF* (102 mm)
Medical Headwalls

Headwalls and Columns

*Above finished floor

Ceiling Line

40 in. (1016 mm)

39 in. AFF* (991 mm)
Medical Headwalls
Headwalls and Columns

Medical Gas Chase

42\(\frac{3}{8}\) in. (1070 mm)
6 in. (152 mm)

Ceiling Line

54 in. AFF* (1372 mm)

*Above finished floor
SQUARE D® MIRAGE™ PATIENT CARE SYSTEM

The Mirage Patient Care System provides all the advantages of modular headwalls while maintaining a warm, comfortable appearance. And like Axiom™ headwalls, the Mirage can be custom tailored to the needs of each room and hospital.

Basic Construction

The Mirage Patient Care System is constructed of hardwood, with either a natural wood veneer, or overlaid with high pressure plastic laminate. All doors open and slide out of the way into pockets. Medical gas and electrical services are carried in U.L. listed compartments. All access panels permit servicing and connections to be made within the unit.

Features

Heavy duty high pressure plastic laminate or real wood surfaces available in a wide range of colors and wood grains.

Special pocket doors conceal services when not in use, yet are out of the way when services are needed.

Secondary equipment such as flowmeters, regulators, or Sphygmomanometer remain in place when the doors are closed.
SQUARE D® LDRP 2000™ PATIENT CARE UNIT

The LDRP 2000 Patient Care Unit provides an extremely unobtrusive unit located at the head of the patient's bed. When closed, it appears to be the headboard of the bed. By opening the sliding doors, immediate access is provided to the medical gas outlet, electrical receptacles, and other devices.

Basic Construction

The trim is of solid oak and can be stained to the requirements of each hospital. The center access panel and the sliding doors are of fire-retardant material laminated on both sides with high-pressure plastic laminate. Many colors and textures are available. The doors can be lifted out for cleaning. The depth of the unit is only 3 in. (76 mm) for accommodation in a standard wall thickness.

These units are custom manufactured to the exact requirements of each hospital. The configurations shown are only two of the many configurations available. Units are manufactured to NFPA, HTM-2022, or DIN specifications. NFPA units are UL Listed and CSA recognized.
SQUARE D® HIDDEN HEADWALL SERVICE MODULE—FIXED OUTLETS

The Hidden Headwall helps provide a less clinical atmosphere to birthing rooms, swing-beds, or VIP suites, while providing medical personnel with quick and easy access to electrical and medical gas services. When closed, the Hidden Headwall is indeed out of sight to the casual observer. Sliding the picture to the side provides access to the medical gas and electrical services when needed.

The smooth-sliding picture frame can be pushed to the side with one hand to provide quick and easy access to electrical receptacles and to medical gas services such as oxygen, vacuum, and medical air. The mounting board for the picture frame can accommodate either hospital-provided or a Schneider Electric-provided artwork and frame.

Features

- Patient room décor can be complemented easily due to color coordination of the artwork
- Concealed electrical and medical gas outlets
- Service access covers can be quickly removed for easy maintenance
- The 3 in. (76 mm) aluminum extruded frame assembly is compatible with standard 3.6 in. (91 mm) framing studs. Headwall finish overlaps drywall for easy finished installation
- Pre-wired and pre-piped for single point connection
Medical Headwalls
Headwalls and Columns

Dimensions

Three 1½ in. (38 mm) holes for medical gas entry

21 in. (533 mm)

27 in. (686 mm)

24 in. (610 mm)

24 in. (610 mm)

21 in. (533 mm)

21 in. (533 mm)

3 in. (76 mm)

18 in. (457 mm)

Framed artwork (by others)

27 in. x 24 in. (686 mm x 610 mm)

Spectrum Duracore plastic laminated access panel

Extruded aluminum frame

Building wall
SQUARE D® PROXIMA OPEN COLUMN™

Open Flexibility for Critical Care

Critical care areas have demands for services unlike those of any other patient care area. The Proxima Open Column uses a space-saving open design to allow 360-degree access to medical gas equipment, electrical receptacles, and instrumentation from one convenient point. This improves access to and visibility of the patient for emergency or special procedures, which helps boost staff efficiency and overall productivity.

Custom Design

The Open Column is designed to be adaptable to the needs of the critical care environment. The number of gas outlets and electrical receptacles and their exact position on the column are determined by the hospital’s needs. The Open Column can support a wide variety of services, including normal and emergency power, low-voltage communications, telephone, bed control, and other accessories.

Open Design

Since the Open Column unit will most likely be placed between patient beds in an ICU setting, it’s important for medical personnel to be able to see patients on either side of the column. The unique, open design of the unit makes this possible.

Space-Saving

The open design also is more space-efficient compared to the traditional Proxima Column. Medical gas and monitoring equipment can be positioned inside the perimeter of the column, freeing up critical space surrounding it.

Adjustable

With the integral Unimount™ vertical accessory tracks and the Eclipse™ horizontal equipment rail, you can add or subtract equipment without using access ports. Servicing is easy too. All access panels can be removed quickly without disturbing any of the accessories attached to the tracks.

Structural Integrity

Proxima Open Columns are made of the highest-grade structural aluminum components and modern composite materials. They are strong, yet lightweight, for easy installation and maintenance over years of rigorous service.
Medical Headwalls
Headwalls and Columns

Features

Open design. Improves access to and visibility of the patient, equipment, and instrumentation.

Easy installation. Built for the ceiling height of each facility, Proxima Open Columns require less installation time and structural bracing in the ceiling.

Color coordination. Available is a wide range of plastic laminates, in colors that match your other casework and finishes.

Simple updating. New electrical devices can be added without disassembly of entire column. Power and medical gas raceways allow additions or changes at any point.

Recessed consoles. Special recessed console areas protect medical gases and electrical devices from damage and improve wear resistance.

Accessories. All Unimount™ components are available. Eclipse™ accessories can be utilized with the addition of an optional Eclipse horizontal rail system.
SQUARE D® PROXIMA™ PATIENT SERVICE COLUMN

Expanded Flexibility for Critical Care

Critical Care areas have demands for services unlike those of any other patient care area. The Proxima™ Patient Service Columns meet these demands by concentrating medical gases, electrical power, and accessory equipment at one convenient point.

Access to the patient is improved for emergency or special procedures, which helps boost staff efficiency and overall productivity.

The flexibility of the Proxima is unsurpassed. With integral Unimount™ accessory tracks, hospitals can add and remove equipment without disturbing other equipment. Servicing is easy too; all access panels can be removed quickly without having to remove accessory tracks.

Since the Proxima is built to the unique needs of each facility, hospitals get exactly the services they need where they need them. The choice of components and configurations provides ample storage while maximizing floor space.

The Proxima is made of the highest-grade structural aluminum components and modern composite materials. The Proxima is strong, yet lightweight, for easier installation and maintenance, and years of rigorous services.

Features

Easy installation. Custom-built for the ceiling height of each facility. The Proxima requires less installation time and less structural bracing in the ceiling.

Color coordination. Available in a wide range of colors to match existing casework and finishes.

Flexible design. The Proxima is not limited to fixed widths. Incremental widths from 6 in. (175 mm) to 40 in. (1015 mm) are available. The column is only 6 in. (175 mm) deep to maximize usable floor space.

Simple updating. New electrical devices can be added without disassembly of the entire column. Power and medical gas raceways allow additions or changes at any point.

Accessories. All Unimount™ components are available to fit the four vertical tracks. Eclipse™ accessories can be used with the addition of an optional Eclipse horizontal rail system.

Bed interface. The Bedcom™ interface permits operation of nurse call and lighting from controls located on the patient’s bed.
Medical Headwalls
Headwalls and Columns

Dimensions

Left Side View

25⅜ in.
(654 mm)

Front View

6 in.
(152 mm)

Right Side View

Ceiling Line

6 in. AFF*
(152 mm)

Rear View

*Above finished floor
SQUARE D® WEDGE™ PATIENT SERVICE COLUMN

Two fully functional headwalls in a single, free-standing unit provide flexible patient care with minimum floor space requirements.

Conceived with flexible patient access and staff productivity in mind, the Wedge comes complete with vertical equipment mounting rails on three sides, allowing hospital personnel to position ventilators, pumps, IVs, and baskets exactly where needed for each patient.

Optimum Productivity

Beds can be placed at whatever angle allows maximum access to the patient and best use of equipment. Two beds can be parked at the column for recovery and pre-op applications.

The unique angles of the Wedge allow optimum access to one or two patients while using minimal floor space.

Easy to Install

The Wedge requires only single-point connections for medical gas and electrical services. Shipped completely pre-wired and pre-piped, the Wedge is quickly installed and ready for use.
**Medical Headwalls**

**Headwalls and Columns**

**Features**

- Patented Unimount™ and Eclipse™ equipment rails for pumps, IVs, and baskets
- Communications wiring can be pre-installed
- Dual headwall design allows two patient service
- Unique angled design allows medical personnel to position the bed for access to whichever side of the patient is necessary
- Available in over 570 colors and textures to complement any décor
- Single-point connections for medical gas and electrical connections make installation simple
- Manufactured to fit a hospital’s specific needs
Dimensions

Side-A

Side-B

Side-C

*Above finished floor
# HEADWALLS AND COLUMNS SPECIFICATIONS

<table>
<thead>
<tr>
<th>Basic Construction</th>
<th>Description</th>
</tr>
</thead>
</table>
| **Enclosure and unit construction** | • Axiom™: Extruded, heat-treated, anodized aluminum alloy construction Factory-assembled, modular-surface or recess-mounted unit Can be mounted flush within the building wall When flush-mounting specified, a 1.50 in. (38 mm) finish trim frame is provided  
• Mirage™: Hardwood; natural wood veneer or overlaid with high-pressure plastic laminate  
• Hidden Headwall: Extruded, heat-treated, anodized aluminum alloy construction Factory-assembled, modular, recess-mounted unit Can be mounted flush within building wall Basic unit: 21.00 in. (533 mm), or 24.75 in. (629 mm) wide; 21.00 in. (533 mm) high; 3.00 (76 mm) deep  
• LDRP™ 2000: Extruded, heat-treated, anodized aluminum alloy construction Factory-assembled, modular-surface or recess-mounted unit Depth: 3.00 in. (76 mm) for accommodation in a standard wall thickness  
• Proxima™: Incremental widths from 6.00 in. (152 mm) to 40.00 in. (1016 mm) available Depth: 6.00 in. (152 mm) for maximum usable floor space  
• The Wedge™: Extruded, heat-treated, anodized aluminum alloy construction Factory-assembled, modular, free-standing unit |
| **Manufacturing standards** | • Axiom, Mirage, Hidden Headwall, LDRP 2000, Proxima, and The Wedge: NFPA, HTM-2022 or DIN UL® (Underwriters Laboratories®)-listed and Canadian Standards Association® (CSA®) recognized |
| **Fascia** | • Axiom, Mirage, Hidden Headwall, LDRP 2000, Proxima, and The Wedge: Removable, anodized aluminum |
| **Device cover plates** | • Axiom, Mirage, Hidden Headwall, LDRP 2000, Proxima, and The Wedge: Clear, anodized aluminum |
| **Primary electrical conduit** | • Axiom, Mirage, Hidden Headwall, LDRP 2000, Proxima, and The Wedge: Runs to the wall unit provided by contractor Terminal enclosure as an integral part of the unit provided by Schneider Electric |
| **Wiring** | Enclosed in fixed wiring raceway, and terminating in the upper terminal enclosure Marked, color-coded, and tie-wrapped |
| **Panels and doors** | • Axiom, Mirage, Hidden Headwall, LDRP 2000, Proxima, and The Wedge: Removable, Spectrum Duracore™, fire-retardant Finished with high-pressure plastic laminate on the outside face Fire-retardant backing sheet on the reverse  
• Axiom and The Wedge: Panel with secondary circuit breakers Door with concealed hinges for access to circuit breaker handles  
• Mirage: Doors: open and slide into pockets  
• Hidden Headwall: Mounted to headwall unit; specified to slide to left or right Mounting board for frame  
• LDRP 2000: Sliding doors: finished with high-pressure plastic laminate on both sides |
| **Plastic laminate color** | • Axiom, Mirage, Hidden Headwall, LDRP 2000, Proxima, and The Wedge: Selected by the hospital or architect from manufacturer's standard colors |
| **Trim** | • LDRP 2000: Solid oak; can be stained to requirements  
• Hidden Headwall: 1.50 in. (38 mm) finish trim frame (provided by Schneider Electric) |
| **Components** | Description |
| **Secondary circuit breakers** | • Axiom, Proxima, and The Wedge: When specified, provided by UL-listed circuit breakers  
**Axiom and Proxima only**: Assembled by means of positive bolted connection to silvered, solid, copper bus bars |
| **Ground bus** | • Axiom, Mirage, Hidden Headwall, LDRP 2000, Proxima, and The Wedge: Internal, included  
**Proxima only**: Ground bus with minimum of 24 screw-type terminals: one of which is suitable for Number 10 wire for main ground connection |
| Power outlets | • Axiom™, Hidden Headwall, Proxima™, and The Wedge™  
Receptacles: Type and quantity as specified (provided by Schneider Electric)  
2-pole, 3-wire, 20 A, 120 V, Hospital Grade (NEMA 5-20R) power outlets (provided unless otherwise noted)  
Outlets: Conforming to BS, DIN, and other standards are also available |
| Grounding jacks | • Axiom and Proxima:  
NEC article 517 and NFPA 99 manufactured requirements  
Externally accessible  
Solid brass receptacle: enclosed in a non-conductive housing, spring loaded, with a twist-to-lock action |
| Medical gas station outlets | • Axiom, Mirage™, LDRP™ 2000, Hidden Headwall, Proxima, and The Wedge:  
Oxygen, vacuum, medical air, evacuation, and nitrous oxide outlets  
Installed by Schneider Electric at the factory, manifolded and tested in accordance with the station outlet manufacturers' requirements and NFPA 99  
Primary supply lines of the medical gases to the singular terminal connections (provided by contractor)  
Hidden Headwall only: Gas outlets conforming to the BS5682 and HTM2022 standards are also available |
| Horizon™-8 lighting fixture | • Axiom and The Wedge:  
When indicated on drawings, fixture provided complete with plastic laminate trim color to match the wall unit  
Lamps not provided |
| Aurora™ lighting fixture | • Axiom and The Wedge:  
When indicated on drawings, complete fixture provided  
Lamps not provided |
| React™ clock timer | • Axiom, Proxima, and The Wedge  
When indicated on drawings, React clock timer provided in the wall unit  
Manually operated Stop/Start, Reset, and Mode switches provided and pre-wired within the React clock unit  
Wiring and electrical actuation between the monitor and the React unit (provided by contractor) |
| Superlux™ examination light | • Axiom and The Wedge:  
When indicated on drawings, Superlux fixture provided and a suitable mounting bracket installed on the wall unit |
| Qualux™ examination fixture | • Axiom and The Wedge:  
When indicated on drawings, the Qualux fixture provided and a suitable mounting bracket installed on the wall unit  
Bracket: mounted adjacent to the power outlet appropriate for the Qualux fixture type |
| Casework modules | • The Wedge only:  
• Constructed of fire-retardant hardwoods and/or composites  
• Meet a Class 1 fire rating  
• All exposed surfaces: covered with plastic laminate or other fire-rated finishes |
| Nurse call equipment | • Axiom, Mirage, LDRP 2000, Proxima, and The Wedge:  
Furnished and installed by contractor  
Labeled pull cord for use by the nurse call installer (provided by Schneider Electric) |
| Monitoring equipment | • Axiom, Proxima, and The Wedge:  
Furnished and installed by contractor  
Labeled pull cord for use by the nurse call installer (provided by Schneider Electric) |
| Computer interconnect | • Axiom and The Wedge:  
Computer system (provided by contractor)  
Matching blank plate for the computer jack when requested (provided by Schneider Electric)  
Includes a factory-installed raceway and labeled pull cord to accommodate the computer system wiring |
| Accessories | • Axiom, Proxima, and The Wedge:  
Unimount accessories provided by Schneider Electric in the quantities and types as shown in the submittal. Installed by contractors in locations determined by the hospital, and attached using patented brackets |
| Unimount™ | • Axiom, Proxima, and The Wedge: |
| Installation | • Axiom, Proxima, and The Wedge:  
Supplied with knockouts for building service connections  
Mounting instructions supplied in advance of headwall units for pre-installation of electrical and medical gas services  
Installation hardware (provided by contractor) |
| Ceiling mounting plate | • Axiom, Proxima, and The Wedge:  
Hardware to mount the headwall to the mounting bracket (provided by the installing contractor) to meet local requirements  
Instructions (provided by Schneider Electric) |
| Hardware and instructions | • Axiom, Proxima, and The Wedge:  
Furnished and installed (provided by contractor) to the ceiling mounting plate with wiring  
Installer will make connection of building services to pre-wired junction box as shown on the electrical drawings |
| Conduit | • Axiom, Proxima, and The Wedge: |
| Equipment compatibility | • Axiom, Proxima, and The Wedge:  
Coordinated with Schneider Electric and customer for equipment supplied by others |
| Primary connections and pressure tests | • Axiom, Proxima, and The Wedge:  
Primary connections: to the medical gas system in the access area of headwall unit as detailed on drawings  
(provided by contractor)  
Mechanical contractor to perform and certify all pressure tests as required by NFPA 99, and to install the gas outlet finishing assemblies |

All specifications are nominal and subject to change without notice. Schneider Electric makes no warranty, expressed or implied, except for the expressed written warranty extended on the sale of its products.
NEONATAL

SQUARE D® WEDGE™ NEONATAL PATIENT CARE SYSTEM

Maximum Access with Minimum Floor Space

The Wedge™ Neonatal Patient Care System incorporates over twenty years of manufacturing and design experience into a system that allows maximum use of available space, while effectively maintaining patient accessibility. As with all of our systems, the Wedge Neonatal system can be modified to suit the particular requirements of each hospital.

The Wedge Neonatal system provides easy access to patients, with concealed monitor cables, bedside trash, linen, and disposable storage, storage carts with cushion tops for seating, sinks (hand-washing and dialysis), and convenient chart and clipboard storage. All contained in a unit built expressly for each facility, to meet each facility’s specific needs.

The Wedge Neonatal system also includes patented Unimount™ and Eclipse™ equipment mounting rails, letting medical personnel put pumps, IV’s, baskets, and other ancillary equipment exactly where needed.

The Wedge Neonatal system is easy to install. A typical single-bed unit is shipped in three pieces. The entire central unit is shipped pre-piped and pre-wired. Single-point medical gas and electrical connections further simplify installation. Schneider Electric can even factory-install the communications wiring.

The key to success in planning is to look beyond the horizon. For additional information, contact your local Schneider Electric representative.
Medical Headwalls
Neonatal

Dimensions

Left Side View

Front View

Right Side View

Knock Space

*Above finished floor
Medical Headwalls
Neonatal

Left Side View

Front View

Right Side View

Plan View

*Above finished floor
SQUARE D® GENESIS™ NEONATAL PATIENT CARE SYSTEMS

Genesis Neonatal Patient Care Systems are custom manufactured to the exact requirements of the hospital. Sample units are shown in the photographs below. We can design units to meet your specific needs, and can manufacture to the requirements of NFPA, HTM2022, or DIN requirements. All NFPA units are listed by Underwriter’s Laboratories. All units are pre-piped and pre-wired for easy installation.
# NEONATAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Basic Construction</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enclosure and unit construction</td>
<td>• The Wedge™ Neonatal System and Genesis™ Neonatal System&lt;br&gt;Extruded, heat-treated, anodized aluminum alloy construction&lt;br&gt;Factory-assembled, modular floor-supported unit</td>
</tr>
<tr>
<td>Manufacturing standards</td>
<td>• The Wedge Neonatal System and Genesis Neonatal System&lt;br&gt;NFPA, HTM-2022 or DIN&lt;br&gt;UL® (Underwriters Laboratories®)-listed and Canadian Standards Association® (CSA®) recognized</td>
</tr>
<tr>
<td>Fascia</td>
<td>• The Wedge Neonatal System and Genesis Neonatal System&lt;br&gt;Removable, anodized aluminum</td>
</tr>
<tr>
<td>Device cover plates</td>
<td>• The Wedge Neonatal System and Genesis Neonatal System&lt;br&gt;Clear, anodized aluminum</td>
</tr>
<tr>
<td>Primary electrical conduit</td>
<td>• The Wedge Neonatal System and Genesis Neonatal System&lt;br&gt;Runs to the unit (provided by contractor)&lt;br&gt;Terminal enclosure as an integral part of the unit (provided by Schneider Electric)</td>
</tr>
<tr>
<td>Wiring</td>
<td>• The Wedge Neonatal System and Genesis Neonatal System&lt;br&gt;Enclosed in fixed wiring raceway, and terminating in the upper terminal enclosure&lt;br&gt;Marked, color-coded, and tie-wrapped</td>
</tr>
<tr>
<td>Panels and doors</td>
<td>• The Wedge Neonatal System and Genesis Neonatal System&lt;br&gt;Removable, Spectrum Duracore™, fire-retardant&lt;br&gt;Finished with high-pressure plastic laminate on the outside face&lt;br&gt;Fire-retardant backing sheet on the reverse&lt;br&gt;Panel with secondary circuit breakers&lt;br&gt;Door with concealed hinges for access to circuit breaker handles</td>
</tr>
<tr>
<td>Plastic laminate color</td>
<td>• The Wedge Neonatal System and Genesis Neonatal System&lt;br&gt;Selected by the hospital or architect from manufacturer’s standard colors</td>
</tr>
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</table>

## Components

<table>
<thead>
<tr>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>Secondary circuit breakers</td>
<td>• The Wedge Neonatal System and Genesis Neonatal System&lt;br&gt;When specified, provided by UL-listed circuit breakers</td>
</tr>
<tr>
<td>Ground bus</td>
<td>• The Wedge Neonatal System and Genesis Neonatal System&lt;br&gt;Internal, included</td>
</tr>
<tr>
<td>Power outlets</td>
<td>• The Wedge Neonatal System and Genesis Neonatal System&lt;br&gt;Receptacles: type and quantity as specified (provided by Schneider Electric)&lt;br&gt;2-pole, 3-wire, 20 A, 120 V, Hospital Grade (NEMA 5-20R) (provided unless otherwise noted)&lt;br&gt;Outlets: conforming to BS, DIN, and other standards are also available</td>
</tr>
<tr>
<td>Grounding jacks</td>
<td>• The Wedge Neonatal System and Genesis Neonatal System&lt;br&gt;NEC article 517 and NFPA 99 manufactured requirements&lt;br&gt;Externally accessible, provided in unit&lt;br&gt;Solid brass receptacle: enclosed in a non-conductive housing, spring loaded, with a twist-to-lock action</td>
</tr>
<tr>
<td>Medical gas station outlets</td>
<td>• The Wedge Neonatal System and Genesis Neonatal System&lt;br&gt;Oxygen, vacuum, medical air, evacuation, and nitrous oxide outlets&lt;br&gt;Factory-installed by Schneider Electric, manifolded and tested in accordance with the station outlet manufacturer’s requirements and NFPA 99&lt;br&gt;Primary supply lines of the medical gases to the singular terminal connections (provided by contractor)</td>
</tr>
<tr>
<td>Horizon™-8 lighting fixture</td>
<td>• The Wedge Neonatal System and Genesis Neonatal System&lt;br&gt;When indicated on drawings, fixture provided complete with plastic laminate trim color to match the unit&lt;br&gt;Lamps not provided</td>
</tr>
<tr>
<td>Aurora™ lighting fixture</td>
<td>• The Wedge Neonatal System and Genesis Neonatal System&lt;br&gt;When indicated on drawings, complete fixture provided&lt;br&gt;Lamps not provided</td>
</tr>
<tr>
<td>React™ clock timer</td>
<td>• The Wedge Neonatal System and Genesis Neonatal System&lt;br&gt;When indicated on drawings, React clock timer provided in the unit&lt;br&gt;Circuitry activation of the elapsed time indicator by manual depression of Start switch, or by a patient ventricular alarm condition broadcast through the bedside physiological monitor&lt;br&gt;Manually operated Stop/Start, Reset, and Mode switches provided and pre-wired within the React clock unit&lt;br&gt;Wiring and electrical actuation between the monitor and the React unit (provided by contractor)</td>
</tr>
<tr>
<td>Superlux™ examination light</td>
<td>• The Wedge Neonatal System and Genesis Neonatal System&lt;br&gt;When indicated on drawings, Superlux fixture provided and a suitable mounting bracket installed on the unit</td>
</tr>
<tr>
<td>Qualux™ examination fixture</td>
<td>• The Wedge Neonatal System and Genesis Neonatal System&lt;br&gt;When indicated on drawings, the Qualux fixture provided and a suitable mounting bracket installed on the unit&lt;br&gt;Bracket: mounted adjacent to the power outlet appropriate for the Qualux fixture type</td>
</tr>
<tr>
<td>Casework modules</td>
<td>• The Wedge Neonatal System and Genesis Neonatal System&lt;br&gt;Constructed of fire-retardant hardwoods and/or composites&lt;br&gt;Meet a Class 1 fire rating&lt;br&gt;All exposed surfaces: covered with plastic laminate or other fire-rated finishes</td>
</tr>
</tbody>
</table>

## Provisions

<table>
<thead>
<tr>
<th>Description</th>
<th>Description</th>
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</table>
### Nurse call equipment
- The Wedge™ Neonatal System and Genesis™ Neonatal System: Furnished and installed (by contractor) Labeled pull cord for use by the nurse call installer (provided by Schneider Electric)

### Monitoring equipment
- The Wedge Neonatal System and Genesis Neonatal System: Furnished and installed (by contractor) Matching blank plate for the monitor receptacle when requested (provided by Schneider Electric) Factory-installed raceway and labeled pull cord for use by the nurse call installer (provided by Schneider Electric) Where specified, a PMS-80 tilt swivel monitor bracket and slide is provided

### Computer interconnect
- The Wedge Neonatal System and Genesis Neonatal System: Computer system (provided by contractor) Matching blank plate for the computer jack when requested (provided by Schneider Electric) Includes a factory-installed raceway and labeled pull cord to accommodate the computer system wiring

### Accessories
- **Unimount™**
  - The Wedge Neonatal System and Genesis Neonatal System: Unimount accessories provided by Schneider Electric in the quantities and types as shown in the submittal Installed by contractors in locations determined by the hospital, and attached using patented brackets

### Installation
- **Ceiling mounting plate**
  - The Wedge Neonatal System and Genesis Neonatal System: Supplied, with knockouts for building service connections Mounting instructions supplied in advance of headwall units for pre-installation of electrical and medical gas services

- **Hardware and instructions**
  - The Wedge Neonatal System and Genesis Neonatal System: Installation hardware to mount the headwall to the mounting bracket (provided by contractor) to meet local requirements Instructions (provided by Schneider Electric)

- **Conduit**
  - The Wedge Neonatal System and Genesis Neonatal System: Furnished and installed (provided by contractor) to the ceiling mounting plate with wiring Installer to make building services connection to pre-wired junction box as shown on the electrical drawings

- **Equipment compatibility**
  - The Wedge Neonatal System and Genesis Neonatal System: Coordinated with Schneider Electric and customer for equipment provided by others

- **Primary connections and pressure tests**
  - The Wedge Neonatal System and Genesis Neonatal System: Primary connections: to the medical gas system in the access area of headwall unit as detailed on drawings (provided by contractor) Mechanical contractor to perform and certify all pressure tests as required by NFPA 99, and to install the gas outlet finishing assemblies

All specifications are nominal and subject to change without notice. Schneider Electric makes no warranty, expressed or implied, except for the expressed written warranty extended on the sale of its products.
MEDICAL RAIL SYSTEMS

SQUARE D® INFINITY™ CUSTOM PATIENT SERVICE SYSTEM

The Infinity Custom Patient Service System is the only horizontal rail system offering a complete mix of services. The services you can choose include fixed and movable medical gas and vacuum, normal and emergency power, and communications—all within a single rail, with or without a vertical service chase.

The Infinity system is designed for maximum use of available space. From a single rail spanning a recovery area to a three-rail system in an intensive care unit, any combination can be designed to accommodate your needs. Shipped pre-piped and pre-wired, the Infinity system is designed for easy installation, and is available in over 750 colors and textures to complement any interior design concept.
Medical Headwalls
Medical Rail Systems

Features

Available in any length. Up to 18 ft. (5.4 m) continuous section.

Quick installation. Shipped completely pre-piped and pre-wired, the Infinity requires only single-point connections at the top of the vertical chase (if so equipped) and at the intersection of the horizontal rail and vertical chase, or adjacent horizontal sections. The Infinity is shipped in the most complete form possible and can be installed faster, with less chance of loss or breakage during installation.

Easy to maintain. No panels, therefore no place for debris to collect. The Infinity is easy to clean.

Choice of gas connections. Both fixed and movable gas outlets are available. Not only does this save money at the start, it assures you always have at least one gas service available, and you know exactly where the gas outlet is located. This can literally be a lifesaver in an emergency.

Compact. All electrical and communication devices are oriented vertically, as they are throughout the hospital, so there's no confusion as to which way to insert a plug or turn on a light in high-stress situations. Also, more services can be located in less space.

Flexible. The Infinity offers a wide range of services, colors, and configurations. There are over 750 colors and textures from which to choose.

International. The Infinity can be constructed to the requirements of NFPA-99, HTM20-22, DIN, or AS3001 standards.
Dimensions

Single Rail

13 3/4 in. (352 mm)

94 3/4 in. (948 mm)

42 in. AFF* (1067 mm)

*Above finished floor
Medical Headwalls
Medical Rail Systems

Two Rail

13 3/4 in.
(352 mm)

120 3/4 in.
(3054 mm)

Ceiling Line

42 in. AFF*
(1067 mm)

12 in. AFF*
(305 mm)

*Above finished floor
Three Rail

132⅞ in. (3362 mm)

13⅞ in. (352 mm)

Ceiling Line

White Marker Board

66 in. AFF* (1676 mm)

42 in. AFF* (1067 mm)

12 in. AFF* (305 mm)

*Above finished floor
*Above finished floor
Medical Headwalls
Medical Rail Systems

13¾ in. (3423 mm)

Ceiling Line

66 in. AFF* (1676 mm)

42 in. AFF* (1067 mm)

12 in. AFF* (305 mm)

*Above finished floor
Medical Headwalls
Medical Rail Systems

91 3/8 in. (2334 mm)

66 in. AFF* (1676 mm)

42 in. AFF* (1067 mm)

12 in. AFF* (305 mm)

*Above finished floor
SQUARE D® SLIMLINE™ SURFACE MOUNTED PATIENT CARE HEADWALL

The Slimline Surface Mounted Patient Headwall (Bedhead Unit) is designed to accommodate lighting, electrical receptacles, medical gas outlets, nurse call, and telephone in a convenient package.

The enclosure is constructed of extruded, heat-treated, anodized aluminum alloy sections to provide a modular, surface-mounted wall unit. Integral horizontal raceways are included for normal power, emergency power, communications, and medical gas pipes. The fascia can be removed for access to individual components mounted within. A wide choice of colors is available for the fascia. Each unit is pre-wired and pre-piped for easy field connections.

A wide choice of components can be pre-installed, including medical gas outlets, electrical receptacles, switches, and communications (nurse call, telephone, monitoring, etc.)

A built-in fluorescent light is available. The indirect (up) and the reading (down) lights are available in single or dual lamps and use T-5 color corrected lamps with electronic ballasts. Lamps are included.

The Slimline is UL listed and CSA recognized. The headwall can be manufactured in accordance to NFPA, HTM2022, or DIN standards.
SQUARE D® TASC2000™ TOTAL ARTICULATING SERVICE CENTER

The TASC 2000 increases operating room convenience and effectiveness with efficient, flexible delivery of medical gas and electrical service.

The TASC 2000 combines aesthetic innovation with practical functionality to provide the optimum operating atmosphere. Adjustable and versatile, the TASC 2000 can be easily tailored to your particular applications.

Features

- Provides maximum flexibility for distribution of medical gas and electrical services in the operating room, conveniently improving accessibility while reducing hose and cord clutter thus increasing efficiency
- Distribution head rotates up to 350° horizontally
- Pneumatic drive adjusts distribution head 16 in. vertically
- Capable of supporting up to 80 lbs (at 55 psi) of monitoring equipment. All medical gas outlets are gas specific and color coded. (Available in both quick-connect and D.I.S.S.)
- Medical gas line pressure and vacuum levels are independently monitored with easy to read gauges
- Units can be ordered to accommodate various finished ceiling heights (min. 8 ft., 10 in. (2.6 m))
- All medical gas and 120 V.A.C. electrical outlets are U.L. Listed
- Made in USA—no metric parts
SQUARE D® MOBIRAIL 2700™ SUSPENDED PATIENT CARE UNIT

The MobiRail 2700 Suspended Patient Care Unit provides medical gas outlets, electrical receptacles, nurse communication, physiological monitors, and other patient care items.

The equipment trolleys move laterally along the unit and rotate to support monitors, pumps, and other equipment exactly where they are needed. The basic unit is constructed of deep etched and anodized, heat-tempered, aluminum extrusions. While the color of the standard unit is soft gray, the MobiRail can be painted to any color desired. The trolley is made of stainless steel, with three adjustable, powder-coated shelves. Each shelf measures approximately 27 in. x 16 in. (680 mm x 400 mm), and incorporates an equipment mounting rail on both front and back. The trolley will pivot on its own axis and slide on the full length of the MobiRail. A manual brake is provided which controls both movements. Each trolley will support 100Kg weight. An Eclipse™ medical equipment rail runs the full length of the unit and on the shelf edges.

Features

- Overall length of 106 in. (2700 mm)
- Two built-in columns are provided with plates for mounting to the ceiling (length of the columns varies with the ceiling height)
- Built-in, indirect fluorescent fixture with 2 x 40W lamps, 1 x 3W blue lamp (optional)
- Controls for illumination can be mounted on the MobiRail, as well as at the room entrance
- Separate internal raceways for medical gas, emergency/UPS mains power, normal mains power, and communication
- Made in USA
Medical Headwalls
Medical Rail Systems

SQUARE D® PCA™ SERIES PATIENT CONSOLE

Dimensions

Backbox
33¼ in. (845 mm)

Combination of 0.5 in. (13 mm) and
0.75 in. (19 mm) knockouts at top and bottom

Plastic laminated front decor panel
(color selected by architect/owner)

37½ in. (949 mm)
Provisions

- Fill in device locations using abbreviations indicated from the chart below. If nurse call is unknown, assume that a 4-gang space is required.
- One space is recommended between gas outlets to mount outlets at 4.75 in. (120 mm) on centers.
- Allow one additional gang space in between each device that is not supplied by Schneider Electric to accommodate coverplates wider than 2.25 in. (57 mm).
- To determine overall width of fascia and backbox for other console sizes, add or subtract 2.375 in. (60 mm). Drawing shown is a 22-gang console.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Qty</th>
<th>Item</th>
<th>Description</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>O</td>
<td>Oxygen outlet</td>
<td></td>
<td>SD</td>
<td>Switch, dimmer</td>
<td></td>
</tr>
<tr>
<td>A</td>
<td>Air outlet</td>
<td></td>
<td>ST</td>
<td>Switch, timer</td>
<td></td>
</tr>
<tr>
<td>V</td>
<td>Vacuum outlet</td>
<td></td>
<td>B</td>
<td>Blank backbox with plate</td>
<td></td>
</tr>
<tr>
<td>NO</td>
<td>Nitrous oxide outlet</td>
<td></td>
<td>NP</td>
<td>No punch (space only)</td>
<td></td>
</tr>
<tr>
<td>DI</td>
<td>Duplex receptacle, Ivory</td>
<td></td>
<td>T</td>
<td>Telephone outlet</td>
<td></td>
</tr>
<tr>
<td>DR</td>
<td>Duplex receptacle, Red</td>
<td></td>
<td>TP</td>
<td>Telephone provision</td>
<td></td>
</tr>
<tr>
<td>SI</td>
<td>Single receptacle, Ivory</td>
<td></td>
<td>NC</td>
<td>Nurse call provision</td>
<td></td>
</tr>
<tr>
<td>SR</td>
<td>Single receptacle, Red</td>
<td></td>
<td>CB</td>
<td>Code Blue provision</td>
<td></td>
</tr>
<tr>
<td>SWI</td>
<td>Switch, 1-pole, Ivory</td>
<td></td>
<td>EB</td>
<td>Exam light bracket</td>
<td></td>
</tr>
<tr>
<td>SWR</td>
<td>Switch, 1-pole, Red</td>
<td></td>
<td>SL</td>
<td>Vacuum bottle slide</td>
<td></td>
</tr>
<tr>
<td>CL</td>
<td>Chart light with switch</td>
<td></td>
<td>X</td>
<td>Other</td>
<td></td>
</tr>
</tbody>
</table>

22-Gang Backbox
52½ in. (1327 mm)

Combination of 0.5 in. (13 mm) and 0.75 in. (19 mm) knockouts at top and bottom

3½ in. (83 mm)
2½ in. (59 mm) typical on centers

Plastic laminate insert

Overall Fascia
56½ in. (1431 mm)

Clear anodized extruded aluminum fascia
SQUARE D® PCA™ PATIENT CONSOLE

Dimensions

Backbox 33¾ in. (845 mm)
Combination of 0.5 in. (13 mm) and 0.75 in. (19 mm) knockouts at top and bottom

Clear anodized aluminum front face

37½ in. (949 mm)
Medical Headwalls
Medical Rail Systems

Ordering Information

- Fill in device locations using abbreviations indicated from the chart below. If nurse call is unknown, assume that a 4-gang space is required.
- One space is recommended between gas outlets to mount outlets at 4.75 in. (120 mm) on centers.
- Allow one additional gang space in between each device that is not supplied by Schneider Electric to accommodate coverplates wider than 2.25 in. (57 mm).
- To determine overall width of fascia and backbox for other console sizes, add or subtract 2.375 in. (60 mm). Drawing shown is a 22-gang console.

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<td>Switch, timer</td>
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</tr>
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<td>V</td>
<td>Vacuum outlet</td>
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<td>B</td>
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<td></td>
<td></td>
<td>Telephone outlet</td>
<td></td>
</tr>
<tr>
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<td>Duplex receptacle, Red</td>
<td></td>
<td></td>
<td>Telephone provision</td>
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<td>NC</td>
<td>Nurse call provision</td>
<td></td>
</tr>
<tr>
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<td>Single receptacle, Red</td>
<td></td>
<td>CB</td>
<td>Code Blue provision</td>
<td></td>
</tr>
<tr>
<td>SWI</td>
<td>Switch, 1-pole, Ivory</td>
<td>SL</td>
<td>EB</td>
<td>Exam light bracket</td>
<td></td>
</tr>
<tr>
<td>SWR</td>
<td>Switch, 1-pole, Red</td>
<td></td>
<td></td>
<td>X</td>
<td>Other</td>
</tr>
<tr>
<td>CL</td>
<td>Chart light with switch</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

22-Gang Backbox
52¼ in. (1327 mm)

Overall Fascia
56¾ in. (1431 mm)

Clear anodized extruded aluminum fascia

Plastic laminate insert

Combination of 0.5 in. (13 mm) and 0.75 in. (19 mm) knockouts at top and bottom

2 ½ in. (59 mm) typical on centers
### Medical Rail Systems Specifications

#### Basic Construction

<table>
<thead>
<tr>
<th>Enclosure and unit construction</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Infinity™</td>
<td>Exuded, heat-treated, anodized aluminum alloy construction</td>
</tr>
<tr>
<td>Factory-assembled, modular surface-mounted unit</td>
<td></td>
</tr>
<tr>
<td>Factory-assembled horizontal raceways and vertical chase; wired to include mechanical and electrical components</td>
<td></td>
</tr>
<tr>
<td>Plastic, laminate-covered raceway sections</td>
<td></td>
</tr>
<tr>
<td>Length: any; up to 18 ft (5.4 m) of continuous section</td>
<td></td>
</tr>
<tr>
<td>Slimline™</td>
<td>Exuded, heat-treated, anodized aluminum alloy construction</td>
</tr>
<tr>
<td>Factory-assembled, modular surface-mounted unit</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Backbox</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCA™ Series Patient Console and PCA™ Patient Console: Code gauge, formed aluminum trough with a combination of 0.50-in (13 mm) and 0.75-in (19 mm) knockouts on top and bottom of backbox</td>
<td></td>
</tr>
<tr>
<td>Pre-formed aluminum end cap permanently attached to backbox</td>
<td></td>
</tr>
</tbody>
</table>

| Manufacturing standards | Infinity: NFPA 99, HTM-20-22, DIN, or AS 3001 standards |

<table>
<thead>
<tr>
<th>Fascia</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Infinity: Removeable, anodized aluminum</td>
<td></td>
</tr>
<tr>
<td>Slimline: Removeable aluminum</td>
<td></td>
</tr>
<tr>
<td>PCA Series Patient Console: Extruded, anodized aluminum: field-attached to the backbox (by contractor); screws provided by Schneider Electric</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Device cover plates</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Infinity and Slimline: Clear, anodized aluminum</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Primary electrical conduit</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Infinity and Slimline: Runs to the unit provided by contractor</td>
<td></td>
</tr>
<tr>
<td>Terminal enclosure as an integral part of the unit provided by Schneider Electric</td>
<td></td>
</tr>
<tr>
<td>PCA Series Patient Console: Runs to the knockouts and wiring within the console provided by contractor</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Wiring</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Infinity: Enclosed in fixed wiring raceway, and terminating in the upper terminal enclosure</td>
<td></td>
</tr>
<tr>
<td>Marked, color-coded, and tie-wrapped</td>
<td></td>
</tr>
<tr>
<td>Slimline: Enclosed in fixed wiring raceway, and terminating at the entrance junction boxes</td>
<td></td>
</tr>
<tr>
<td>Marked, color-coded, and tie-wrapped</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Panels and doors</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Infinity: Removable, fire-retardant panels</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Plastic laminate color</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Infinity: Selected by the hospital or architect from manufacturer’s standard colors</td>
<td></td>
</tr>
<tr>
<td>Slimline: Either high-pressure plastic laminate or decorative covering</td>
<td></td>
</tr>
<tr>
<td>PCA Series Patient Console: High-pressure plastic laminate color insert available in over 300 colors and patterns (provided by Schneider Electric)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Barriers</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCA Series Patient Console: Individual and fixed in the backbox; pre-installed at the factory by Schneider Electric to separate different voltage and mechanical services</td>
<td></td>
</tr>
</tbody>
</table>

#### Components

<table>
<thead>
<tr>
<th>Ground bus</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Infinity: Internal, included with minimum of 24 screw-type terminals: one of which is suitable for Number 10 wire for main ground connection</td>
<td></td>
</tr>
<tr>
<td>Ground bus assembly provides a positive mean for grounding the circuit breaker enclosure</td>
<td></td>
</tr>
<tr>
<td>Slimline: Internal, included with minimum of 24 screw-type terminals and (5) lug-type terminals: one of which is suitable for Number 10 wire for main ground connection</td>
<td></td>
</tr>
<tr>
<td>Ground bus assembly provides a positive mean for grounding the circuit breaker enclosure</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Power outlets</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Infinity, Slimline, PCA Series Patient Console, and PCA Patient Console: Receptacles: type and quantity as specified (provided by Schneider Electric)</td>
<td></td>
</tr>
<tr>
<td>2-pole, 3-wire, 20 A, 120 V, Hospital Grade (NEMA 5-20R) provided unless otherwise noted</td>
<td></td>
</tr>
<tr>
<td>Outlets: conforming to BS, DIN, and other standards are also available</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Grounding jacks</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Slimline: NEC article 517 and NFPA 99 manufactured requirements</td>
<td></td>
</tr>
<tr>
<td>Externally accessible</td>
<td></td>
</tr>
<tr>
<td>Solid brass receptacle: enclosed in a non-conductive housing, spring loaded, with a twist-to-lock action</td>
<td></td>
</tr>
</tbody>
</table>
### Medical Headwalls

#### Medical Rail Systems

<table>
<thead>
<tr>
<th>Medical gas station outlets</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Infinity™: Oxygen, vacuum, medical air, evacuation, and nitrous oxide outlets; either fixed or movable&lt;br&gt;Fixed outlets: factory-installed by Schneider Electric; manifolded and tested in accordance with the station outlet manufacturers' requirements and NFPA99&lt;br&gt;Movable outlets: assembled and tested prior to shipment by Square D; contractor to assemble and test movable gas outlet assemblies to unit&lt;br&gt;Primary supply lines of the medical gases to terminal connections and connections to horizontal raceway piping (provided by contractor)&lt;br&gt;• Slimline™: Oxygen, vacuum, medical air, evacuation, and nitrous oxide outlets as specified&lt;br&gt;Factory-installed by Schneider Electric, manifolded and tested in accordance with the station outlet manufacturer’s requirements&lt;br&gt;Primary supply lines of the medical gases to the singular terminal connections (provided by contractor)&lt;br&gt;• PCA™ Series Patient Console and PCA™ Patient Console: Oxygen, vacuum, medical air, evacuation, and nitrous oxide outlets as specified&lt;br&gt;Outlets provided by Schneider Electric and shipped loose&lt;br&gt;Primary supply lines of the medical gases to the terminal connections installed into the consoles (provided by contractor)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>React™ clock timer</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Slimline: When indicated on drawings, React clock timer provided factory-installed in the unit&lt;br&gt;Circuitry activation of the elapsed time indicator by manual depression of Start switch, or by a patient ventricular alarm condition broadcast through the bedside physiological monitor&lt;br&gt;Manually operated Stop/Start, Reset, and Mode switches provided and pre-wired within the React clock unit&lt;br&gt;Wiring and electrical actuation between the monitor and the React unit (provided by contractor)</td>
<td></td>
</tr>
</tbody>
</table>

### Provisions

<table>
<thead>
<tr>
<th>Nurse call equipment</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Infinity and Slimline: Furnished and installed (by contractor)&lt;br&gt;Labeled pull cord for use by the nurse call installer (provided by Schneider Electric)&lt;br&gt;• PCA Series Patient Console and PCA Patient Console: Furnished and installed (by contractor)&lt;br&gt;Correct provisions in the fascia for the nurse call patient station (provided by Schneider Electric)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Monitoring equipment</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Infinity and Slimline: Furnished and installed (by contractor)&lt;br&gt;Matching blank plate for the monitor receptacle when requested (provided by Schneider Electric)&lt;br&gt;Includes a factory-installed raceway and labeled pull cord to accommodate the monitor wiring&lt;br&gt;Where specified, a PMS-80 tilt swivel monitor bracket and slide is provided</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Computer interconnect</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Slimline: Computer system (provided by contractor)&lt;br&gt;Matching blank plate for the computer jack when requested (provided by Schneider Electric)&lt;br&gt;Includes a factory-installed raceway and labeled pull cord to accommodate the computer system wiring</td>
<td></td>
</tr>
</tbody>
</table>

### Accessories

<table>
<thead>
<tr>
<th>Unimount™ and Eclipse™</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Infinity: Accessories provided by Schneider Electric in the quantities and types as shown in the submittal&lt;br&gt;Installed by contractors in locations determined by the hospital, and attached using patented brackets</td>
<td></td>
</tr>
</tbody>
</table>

### Installation

<table>
<thead>
<tr>
<th>Ceiling mounting plate</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Infinity: Supplied with knockouts for service connections&lt;br&gt;Mounting instructions supplied in advance of headwall units for pre-installation of electrical and medical gas services&lt;br&gt;Installation hardware (provided by contractor)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Hardware and instructions</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Infinity: Power and gas rail hangers with mounting hardware and instructions (provided by Schneider Electric)&lt;br&gt;Service chase installation instructions (provided by Schneider Electric)&lt;br&gt;All other installation hardware (provided by contractor)&lt;br&gt;Horizontal hanger brackets and fasteners (provided by contractor)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Conduit</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Infinity: Furnished and installed (by contractor) to the ceiling mounting plate with wiring&lt;br&gt;Installer will make connection of building services to pre-wired junction box as shown on the electrical drawings</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Equipment compatibility</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Slimline: Coordinated with Schneider Electric and customer for equipment provided by others</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Primary connections and pressure tests</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Infinity: Primary connections to the medical gas manifold and accessible vertical drops to the horizontal gas raceway (provided by contractor)&lt;br&gt;Mechanical contractor to perform and certify all pressure tests as required by CSA&lt;br&gt;• Slimline: Primary connections: to the medical gas system in the access area of headwall unit as detailed on drawings (provided by contractor)&lt;br&gt;Mechanical contractor to perform and certify all pressure tests as required by NFPA 99, and to install the gas outlet finishing assemblies</td>
<td></td>
</tr>
</tbody>
</table>

All specifications are nominal and subject to change without notice. Schneider Electric makes no warranty, expressed or implied, except for the expressed written warranty extended on the sale of its products.

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LIGHTING

SQUARE D® AURORA™ OVERBED LIGHT FIXTURE

The Aurora Overbed Light Fixture is a high-quality patient room light that provides three-way lighting with convenience and elegance. It is designed for both acute care and general patient rooms.

The Aurora light provides examination lighting by rotating the upper portion of the fixture over to aim all four lamps on the patient. Lights in patient rooms can sometimes be damaged or even torn off the wall by IV holders, traction bars, or other equipment attached to a rising bed. To prevent damage to the light, the bed is plugged into a receptacle that is powered via a microswitch in the light. If pressure is exerted under the light, the switch opens, the receptacle is de-energized, and the bed motor is stopped.

The Aurora contains four fluorescent, rapid-start lamps with separate circuits for the down light and the up light. The fixture can be for either 3 or 4 ft. (914 or 1219 mm) lamps. Night-lights are available for either left or right hand, and are mounted within the fixture.

The Aurora is designed specifically for hospital use. Smooth, flush fitting surfaces reduce housekeeping chores. This sturdy unit has engineered resin end caps. Quality aluminum extrusions form the body and mounting plate. Upper and lower lenses are impact resistant, non-yellowing virgin acrylic plastic.
Features

The Aurora light fixture contains all the features you need in a single light fixture. It provides more light and better control for efficient patient use and examination.

- General room light. Switch on upper lamps independent of lower lamps
- Examination light. Rotate upper section to direct extra light for examination
- Reading light. Switch on lower lamps only
- Bedside control. Aurora can be controlled from the nurse call pendant or from the bedside controls
- Quality construction. Crafted from extruded aluminum and high strength resin materials
- Silent operation. No noise from hinges or cables
- Standard lamps. Standard 3 or 4 ft. (914 or 1219 mm) lamps in either T-12 or T-8 configurations
- Easy installation. Quick-connect wiring speeds installation and maintenance
- Many voltages available. 120 V, 220 V, 240 V, or 277 V ballasts available in 50 or 60Hz
- Optional night light. Integral with each end cap. Remote or local switching options
- Safety circuit. Cuts off power to bed motor if equipment interferes with the fixture

Part Number Legend

Length: 3 = Three-foot lamps
4 = Four-foot lamps
Switching: 0 = Remote
2 = On/Off
3 = Three-way
4 = Four-way (lower/upper/both/off)
5 = Low voltage controller
Ballast: LE = Low energy (standard)
LL = Low leakage
EB = Electronic ballast (T8)
Options: NL = Night light on left side; remote switched
LR = Night light on right side; remote switched
NSL = Night light on left side with switch
NSR = Night light on right side with switch

Example: The number at the left describes an Aurora light fixture with four, 40W lamps (not included with fixture), a 4-way pull cord switch, a low energy ballast, and continuous burn night light located on the left side of the fixture.

AR-4-4-LE-N(L)

Shipping Size

52 in. (1370 mm) x 12 in. (300 mm) x 10 in. (250 mm); 30 lbs (13.6 kg)
SQUARE D® HORIZON-8™ OVERBED LIGHT FIXTURE

The Horizon-8 Overbed Light Fixture is a high quality patient room light that provides two-way patient lighting with convenience and elegance. The front fascia color can be chosen to coordinate with the room décor. Both indirect (up) general room illumination and direct (down) reading and examination lighting are provided.

The Horizon-8 light can contain two, three, or four fluorescent rapid-start lamps with separate circuits for direct and/or indirect illumination. Lamps sizes can be 2, 3, or 4 ft. (610, 914, or 1219 mm).

The fixture is designed specifically for hospital use and ease of maintenance. The simple design of the door mechanism keeps the door closed without latches. Lenses and median light barrier can be removed for cleaning when the door is open.

Ballasts and lamp holders are on a single chassis that is securely held in place with spring-loaded clips. The fixture has an internal plug connector and special spring clamps, so that the entire lampholder and ballast chassis can be removed from the fixture and taken out of the patient's room with minimal disturbance. All parts are stocked for immediate replacement.

The Horizon-8 light fixture's length can be varied to center the lamps over the patient's bed or to be continuous across the length of the wall. Electrical devices such as switches, night lights, and receptacles can be in either end of the fixture. Other options include an exam light, exam light brackets, IV arms, remote switching, and low voltage control.

The light-tight, rugged unit has die-cast ends and an anodized aluminum front door and back chassis. The upper and lower lenses are impact-resistant, non-yellowing virgin acrylic plastic. Internal components are of anodized aluminum.
Photometric Data
Horizon 8 Light Fixture H84-3

Distribution curves obtained using three F40/CW 3100 lumen lamps. Normal plane shown.

Test Conditions:
 Fixture H-8-3-4: 4.30W T12 CW lamps
 Clear acrylic lens top and bottom.
 Room Size: 9 ft. x 15 ft. x 8 ft. 6 in.
 Reflection: 75% Ceiling
 50% Front Wall
 30% Floor

All figures inside room are illumination levels given in foot candles.
SQUARE D® HORIZON-10™ OVERBED SAFETY LIGHT FIXTURE

The Horizon 10 Safety Light Fixture is a high-quality, patient room light that provides two-way patient lighting with convenience and elegance. It is especially designed for orthopedic, ICU, and other patient rooms with electric beds. The front fascia color can be chosen to coordinate with the room decor. Both indirect (up) general room illumination and direct (down) reading and examination lighting are provided.

Lights in patient rooms can be inadvertently damaged or even torn off the wall by IV holders, traction bars, or other equipment attached to a rising bed. To prevent damage to the light, the bed is plugged into a receptacle that is powered via a microswitch in the light. If pressure is exerted under the light, the switch opens, the receptacle is de energized and the bed motor is stopped.

The Horizon 10 light can contain two, three, or four 20-, 30-, or 40-watt fluorescent, rapid-start lamps with separate circuits for direct or indirect illumination. The fixture is designed specifically for hospital use. The simple design of the door mechanism keeps the door closed without latches. Lenses and median light barrier can be removed for cleaning when door is open.

The light-tight, rugged unit has die cast ends and an anodized aluminum front door and chassis. The upper and lower lenses are impact-resistant, non-yellowing virgin acrylic plastic. Internal components are of anodized aluminum.
Options

Electrical devices such as switches, night lights and receptacles can be in either end of the fixture. Other options include remote switching and low voltage control within the fixture.

Distribution curves obtained using three F40/CW 3100 lumen lamps. Normal plane shown.
SQUARE D® REFLECTOR MINOR SURGERY / EXAM LIGHT

The standard in the medical industry, offering uncompromised quality and reliability. The Reflector provides the best features and durability of any reflector-type light in its class. Two sturdy SteriHandles™ offer maximum safety, stability, and reliability.

Features

- Provides 3000+ footcandles
- Includes a 100 watt halogen bulb with a 2000 hour life
- Bulb housing in a heat absorbing, color-correcting glass cylinder
- Design reduces shadows in the field of vision
- Focusable
- Choice of 12 in. (300 mm) or 14 in. (360 mm) reflectors
- 115VAC is standard; 110V and 230V models are also available
- Two SteriHandles and adaptors
- Battery option
- UL Listed, CSA Certified
- Made in USA

Ordering Information

<table>
<thead>
<tr>
<th>Item</th>
<th>Reflector Size</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reflector minor surgery/exam light</td>
<td>12 in. (300 mm)</td>
<td>170598</td>
</tr>
<tr>
<td></td>
<td>14 in. (360 mm)</td>
<td>170599</td>
</tr>
</tbody>
</table>
SQUARE D® QUALUX 50SX™ EXAM/READING LIGHT

The Qualux 50SX exam/reading light is an excellent choice as a patient reading light, as well as a high-intensity examination light. This 31.5-in. (800 mm) reach light with its low voltage, high output lamp far surpasses any other fixture designed for the purpose.

The combination of the rugged halogen low voltage lamp and the high impact resistant molded plastic head makes the unit electrically safe and virtually unbreakable.

The low voltage design and advanced lamp/reflectors construction permit a very high intensity long-lived light in an especially compact unit. The 12-volt, 50-watt lamp yields 48,000 Lux at 500 mm and is rated at 2000 hours. The fixture incorporates a two-step switch for 100% and 66% power to the lamp to provide spot (exam) and flood (reading) options. Also available is a dimmer switch. The fixture head consists of a doublewall construction with two reflectors, reducing the head emission for doctor and patient.

The knuckle joint is entirely enclosed and permits free movement. The flexible gooseneck is extremely stable and readily sustains the light in the required position. The low voltage transformer, located in the proximal end of the arm, incorporates reversible overload, short circuit, and over temperature protection.

The fixture has a matte white finish that is highly durable in the hospital environment.

Ordering Information

<table>
<thead>
<tr>
<th>Type</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V, U.S. plug, 2-level switch</td>
<td>170233-US</td>
</tr>
<tr>
<td>120 V, U.S. plug, with dimmer</td>
<td>170234-US</td>
</tr>
<tr>
<td>220 V, British plug</td>
<td>170233-UK</td>
</tr>
<tr>
<td>220 V, DIN plug</td>
<td>170232-DIN</td>
</tr>
</tbody>
</table>
SQUARE D® QUALUX 50GX™ EXAM/READING LIGHT

The Qualux 50GX exam/reading light is an excellent choice as a patient reading light as well as a high-intensity examination light. This 38 in. (970 mm) reach light with its low voltage, high output lamp far surpasses any other fixture designed for the purpose.

The combination of the rugged halogen low voltage lamp and the high-impact-resistant molded plastic head makes the unit electrically safe and virtually unbreakable.

The low voltage design and advanced lamp/reflector construction permit a very high intensity long-lived light in an especially compact unit. The 12 volt, 50 watt lamp yields 48,000 Lux at 500mm and is rated at 2000 hours. The fixture incorporates a two-step switch for 100% and 66% power to the lamp to provide spot (exam) and flood (reading) options.

The fixture head consists of a double-wall construction with two reflectors, reducing the head emission for doctor and patient.

The knuckle joint is entirely enclosed and permits free movement while being extremely stable and readily sustaining the light in the required position. The low voltage transformer, located in the proximal end of the arm, incorporates reversible overload, short circuit, and over temperature protection.

The fixture has a matte white finish that is highly durable in the hospital environment.

Ordering Information

<table>
<thead>
<tr>
<th>Type</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 V, U.S. plug</td>
<td>170230</td>
</tr>
<tr>
<td>220 V, British plug</td>
<td>170231</td>
</tr>
<tr>
<td>220 V, DIN plug</td>
<td>170232</td>
</tr>
</tbody>
</table>
SQUARE D® SERIES MLC FLUORESCENT/INCANDESCENT EXAM/READING LIGHT

This adjustable arm, fluorescent/incandescent lamp is a highly efficient lamp designed to provide illumination precisely where it is required for patient reading. It is an excellent exam or reading light, yielding an ample circle of light for the user without disturbing others. Its adjustable arm permits the light to be positioned where desired by the patient or staff or to be folded out of the way. Arm length is 45 in. (1140 mm).

The exam light can be mounted on the patient headwall, service console, bed, or on the Horizon-8 light fixture. A dual pushbutton switch is located on top of the lamp for the convenience of the patient and is designed for easy cleaning. There is one switch for the incandescent lamp and one for the fluorescent. The three-conductor SVT 6 ft. (1.8 m) cord and hospital grade plug are provided as standard.

The shade and reflector are coated with a high gloss, baked acrylic resin finish. Light grey is the standard color. The reflector is efficiently shaped to produce a full non-glare light pattern.

The fixture is constructed of cold drawn high-quality steel with 10 mm (inside diameter) tubing that furnishes a raceway for the wiring. All fixtures are provided with a NORYL resin louver that has a 265 °F head deflection and is self-extinguishing.

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lamp</td>
<td>80 watt incandescent and 22 watt circline included</td>
</tr>
<tr>
<td>Electrical</td>
<td>120V, 60 Hz, UL/CUL Listed</td>
</tr>
<tr>
<td>Ballast</td>
<td>22W 120V, 60 Hz magnetic</td>
</tr>
<tr>
<td>Power cord</td>
<td>3-conductor cord set, 6 ft. (1.8 m) long</td>
</tr>
<tr>
<td>Arm</td>
<td>45 in. external springs</td>
</tr>
<tr>
<td>Shade</td>
<td>Powder painted spun aluminum</td>
</tr>
<tr>
<td>Reflector</td>
<td>Painted spun aluminum</td>
</tr>
<tr>
<td>Switch</td>
<td>Push button selector</td>
</tr>
<tr>
<td>Finish</td>
<td>Light gray</td>
</tr>
</tbody>
</table>

Ordering Information

<table>
<thead>
<tr>
<th>Item</th>
<th>Reach</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exam/reading light</td>
<td>45 in. (1150 mm)</td>
<td>170502</td>
</tr>
</tbody>
</table>
SQUARE D® SERIES ARL EXAM/READING LIGHT

This adjustable arm, incandescent lamp is a highly efficient lamp designed to provide illumination precisely where it is required for patient reading. It is an excellent reading light, yielding an ample circle of light for the user without disturbing others. Its adjustable arm permits the light to be positioned where desired by the patient or staff or to be folded out of the way. Arm lengths of 45 in. (1140 mm) and 50 in. (1270 mm) are available.

The exam light can be mounted on the patient headwall, service console, bed, or on the Horizon-8 light fixture. A nylon covered brass switch is located on top of the lamp for the convenience of the patient and is designed for easy cleaning. The three-conductor SVT 8 ft. (2.4 m) cord and hospital grade plug are standard.

The shade and reflector are coated with a high gloss, baked acrylic resin finish. Oyster white is the standard color. The reflector is efficiently shaped to produce a full non-glare light pattern.

The fixture is constructed of cold drawn high-quality steel with 10 mm (inside diameter) square tubing that furnishes a raceway for the 3-wire cord. The balancing springs are covered with nylon guards for safety and to inhibit bacterial collection.

All fixtures are provided with a NORYL resin louver that has a 265 °F head deflection and is self-extinguishing.

Ordering Information

<table>
<thead>
<tr>
<th>Item</th>
<th>Reach</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exam/reading light</td>
<td>45 in. (1140 mm)</td>
<td>170020</td>
</tr>
<tr>
<td></td>
<td>50 in. (1270 mm)</td>
<td>170021</td>
</tr>
</tbody>
</table>
SQUARE D® VECTOR 2/4™ LOW VOLTAGE LIGHTING CONTROLLER

The Vector 2/4 Low Voltage Lighting Controller is a solid-state dual channel switch to control both incandescent and fluorescent lighting fixtures in the patient care environment. It can be used with momentary contact switches or from most nurse call pillow speakers or bedside controls.

The Vector is a solid-state, latching type of controller using single pole, single throw momentary switching. Each of two switches operates an independent channel, to permit function of separate fixtures or separate sections within a single fixture.

The Vector can be wired as either two separate channels, or as a four-position (off-down-up-both-off) device.

Switching circuits operate from a 5 Vdc power supply at 2.1 to 2.5 mA momentary closed circuit current. This rating is within the parameters of most dry contact relays and standard switches.

All electronic components are mounted on a single circuit board. Components and circuitry are of the latest design to keep heat at ambient temperature.

Low voltage control is accomplished via three wires (common, channel 1, and channel 2) entering the Vector enclosure on the low voltage side. These wires are connected to the SPST switches or relays. Additional wires are used to determine the type of switching. Two groups of wires enter the enclosure on the high voltage side. One group powers the Vector (hot, neutral, and ground); the other group contains switch legs for channel 1 power and channel 2 power. All wiring is 18 gauge, multistrand, pre-stripped, and approximately 8 in. (203 mm) long.
Medical Headwalls
Lighting

Features

The Vector Low Voltage Lighting Controller is designed to provide a quiet, low voltage interface between the patient or staff and the light fixture, drapes, TV, etc. This provides silent switching as well as safely isolating the user from the line voltage.

The Vector provides the following features not found in the usual industrial/institutional relay systems.

- It is silent, absolutely no clicking or buzzing sound during switching
- Switching is by momentary action on a latching circuitry. First activation will turn the circuit on, second activation will turn the circuit off. There is no need for two-way switches
- Only two wires are needed to activate each channel
- Control power is provided within the switching unit, no additional transformer or power source is necessary
- Completely self-contained and in one package. The Vector is functionally equivalent to a latching relay system including two relays and a transformer
- Each channel accommodates a 7 A load of continuous RMS current 120 Vac, 50/60 Hz
- Temperature rise is less than 5 °C above ambient
- No switching transients (usually found in mechanical relays), which may activate sensitive nurse call or monitor alarms
- A smaller package than conventional systems
- Simple installation
- Longer life

The Vector enclosure is designed to mount into a five-gang (3.5 in. (90 mm) deep) electrical box or within the light fixture.

Dimensions: 4.5 in. (115 mm) long x 2.5 in. (65 mm) wide x 1.5 in. (40 mm) high

Notes

1. When the Vector is first energized or when a power interruption of more than one second has occurred, the unit will reset both channels to the off position.
2. No additional power source should enter the low voltage side of the Vector unit. Wiring runs to the SPST switches must be clear.
3. The use of opto-isolators and solid state switching will appear as a high impedance closed circuit rather than an open circuit when in the Off condition. The Vector should not be used as the primary means of line disconnect in areas where service personnel will be exposed to this current. Before servicing any component being operated by the Vector, the power must be turned off on the line side of the Vector (such as an upstream circuit breaker). This residual leakage current is not to ground and therefore does not present a hazardous condition.
ANCILLARY

SQUARE D® RIGID CEILING COLUMN

Features

- Ready access to medical gas and electrical services
- Strong stainless steel structure
- Eliminates wires and hoses that can clutter floors
- Available with many configurations

Ordering Information

<table>
<thead>
<tr>
<th>Accessory</th>
<th>ID</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oxygen outlet</td>
<td>A</td>
<td></td>
</tr>
<tr>
<td>Medical air outlet</td>
<td>B</td>
<td></td>
</tr>
<tr>
<td>Vacuum outlet</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>Nitrous oxide outlet</td>
<td>D</td>
<td></td>
</tr>
<tr>
<td>Nitrogen outlet</td>
<td>E</td>
<td></td>
</tr>
<tr>
<td>Evacuation vacuum outlet (AGSS)</td>
<td>F</td>
<td></td>
</tr>
<tr>
<td>Electrical receptacle, 20 A, Red, NEMA 5-20R</td>
<td>G</td>
<td></td>
</tr>
<tr>
<td>Electrical receptacle, 20 A, Ivory, NEMA 5-20R</td>
<td>H</td>
<td></td>
</tr>
<tr>
<td>Electrical receptacle, 13 A, British standard, switched</td>
<td>I</td>
<td></td>
</tr>
<tr>
<td>Electrical receptacle, 13 A, British standard, unswitched</td>
<td>J</td>
<td></td>
</tr>
<tr>
<td>Electrical receptacle, 16 A, DIN, (Schuko)</td>
<td>K</td>
<td></td>
</tr>
<tr>
<td>Ground receptacle, NFPA</td>
<td>L</td>
<td></td>
</tr>
<tr>
<td>37-pin monitor receptacle</td>
<td>M</td>
<td></td>
</tr>
</tbody>
</table>

Note: Column location may vary according to specific conditions or preference. The location must be coordinated with other trades to avoid conflict with other ceiling services or fixtures.

The Rigid Ceiling Column is manufactured to customer specifications. The drawing below indicates where various components can be located.
As Viewed When Ceiling Mounted

Front

Left

Bottom

Right

O.R. Table
**SQUARE D® RETRACTABLE CEILING COLUMN**

**Features**
- Ready access to medical gas and electrical services
- Strong, stainless steel structure
- Eliminates wires and hoses that can clutter floors
- Available with many configurations

**Diagram**

- Support plate (by others)
- Anti-sway bars (by others)
- Mounting plate
- Support rods (by others)
- Trim bezel
- 18 in. x 18 in. (457 mm x 457 mm)
- Retracted position
- Square shroud 15 in. x 15 in. (381 mm x 381 mm)
- Trim bezel 18 in. x 18 in. (457 mm x 457 mm)
- 15 in. travel (381 mm)
- 8 in. (203 mm)
- 14 in. (356 mm)
- 15 in. (381 mm)
- 16 in. (406 mm)
- 18 in. (457 mm)
- 13¼ in. (333 mm)

**Dimensions**
- 13 in. (333 mm)
- 16 in. (406 mm)
- 18 in. (457 mm)
- 15 in. (381 mm)
- 14 in. (356 mm)
- 8 in. (203 mm)
- 15 in. travel (381 mm)
Medical Headwalls
Ancillary

Ordering Information

The Retractable Ceiling Column is manufactured to customer specifications.

Drawings A and B in the figure below indicate the possible locations of services. Select the services desired and fill in the appropriate position with a letter (A through H for drawing A) or number (1 through 10 for drawing B) in the charts below. Multiple locations for a particular service may be selected.

<table>
<thead>
<tr>
<th>Gas Service</th>
<th>Qty</th>
<th>Indicate Location with Letter</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>DISS Ohmeda Type Chemetron Type Puritan-Bennett Type British Standard DIN</td>
</tr>
<tr>
<td>Oxygen</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Medical air</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vacuum</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WAGE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nitrogen</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CO₂</td>
<td></td>
<td></td>
</tr>
<tr>
<td>O₂-CO₂</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item</th>
<th>Qty</th>
<th>Indicate Location with Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electrical receptacle, duplex, 20 A, Ivory</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electrical receptacle, duplex, 20 A, Red</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electrical socket, British standard, 13 A, switched</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electrical socket, DIN standard</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Patient monitoring kit, 37-pin connector (positions 1 or 10 only)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grounding receptacle</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blank for future installations</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

![Diagram of Drawing A and B]
SQUARE D® HOSE REELS/ ELECTRICAL REELS

Hose reels are designed for use with non-flammable medical gas and vacuum systems at locations where overhead connection and concealed retracting of the hose is desired. A companion electrical service reel provides electrical services from the same point.
Medical Headwalls
Ancillary

Hose Reel

Two or more reels can be ganged together for multiple gas services.

Gas connection:
1/4 in. (6 mm) Nom. copper tube

Mounting Box

Finished ceiling

131/2 in. (343 mm)

101/2 in. (267 mm)

141/8 in. (368 mm)

Copperplate

Electrical Reel

15 ft. (4.5 m) white retractable electrical cable (3 #12 AWG)

3/4 in. (19 mm) conduit electrical service entry

14 ga. gray baked enamel steel box

Finished ceiling

16 in. (406 mm)

16 in. (406 mm)

17.7 in. (450 mm)

20 A, 8300 W duplex electrical receptacle

Front View

Side View

Ordering Information

<table>
<thead>
<tr>
<th>Item</th>
<th>Service(s)</th>
<th>Coupler Type</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single gas</td>
<td>Oxy/Air/VAC/N₂O/N₂/EVAC (one)</td>
<td>Puritan Bennett/Chemetron/Ohmeda/DISS</td>
<td>298074</td>
</tr>
<tr>
<td>Dual gas</td>
<td>Oxy/Air/VAC/N₂O/N₂/EVAC (two)</td>
<td></td>
<td>298075</td>
</tr>
<tr>
<td>Electrical</td>
<td>8300-R/8300-I/23000</td>
<td>NA</td>
<td>298058</td>
</tr>
</tbody>
</table>
SQUARE D® REACT™ DIGITAL CLOCK/ELAPSED TIMER

The React™ Clock/Elapsed Timer advances the art of timing in critical situations. Ultra modern microprocessor technology makes the React more stable and accurate than other general-purpose timers. The special buttonless face is easier to clean and fully tamper resistant.

The React clock timers are fully compatible with all Schneider Electric patient columns, headwalls, and neonatal units, as well as the Infinity and Mirage Patient Care Systems. The React can also be retrofitted into older Schneider Electric headwalls and even into headwalls manufactured by others.

For use in surgery, emergency, or procedure rooms, the React is available with a separate back box for surface or flush mounting. An optional remote control is available. The React can also be mounted on Unimount™ vertical equipment tracks or Eclipse™ horizontal equipment rails.

User programming of the microprocessor is simple and can be programmed for any combination of: Time only; Elapsed Timer only; Time and Elapsed Time; Time, Elapsed Time, and Date; Time and Date. User can also program 6 or 4 digit display, single or dual display, 12 or 24-hour format, and brightness.

The React timer is available in either 120 V or 220 V. A backup battery is included for power failures. The backup battery will keep time for approximately ten years. The display will not be illuminated during battery operation. However, the time of day and elapsed timer circuitry will continue to operate.

Ordering Information

<table>
<thead>
<tr>
<th>Item</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>React replacement unit for 120 Vac</td>
<td>028672</td>
</tr>
<tr>
<td>React replacement unit for 220 Vac</td>
<td>028675</td>
</tr>
<tr>
<td>React with flush box</td>
<td>350860</td>
</tr>
<tr>
<td>React with surface box</td>
<td>350861</td>
</tr>
</tbody>
</table>
SQUARE D® MCT-12B CLOCK/TIMER

The MCT-12B clock timer is equipped with a 20-terminal, printed circuit card connector that mates with a cable harness. The cable harness assembly includes a mating connector. All connections to the clock timer for power, remote control switches, indicators, and battery packs are made through the supplied cable harness assembly. The input voltage is specified on the rear label. The clock's normal operation is in the 24-hour mode from a 60 Hz source. One fuse, accessible from the front, provides overcurrent protection.

The MCT-CT remote control panel allows control of the clock timer from a remote location. The panel contains the Count Reset, Hold, Hrs, and Min functions that are located on the clock itself, as well as a battery test switch. The remote control panel contains two rechargeable batteries to permit the clock to count internally (no display) during a power failure. A charged battery causes the battery test light to glow when the battery test switch is pressed. The batteries are recharged by the clock timer. The accuracy of the clock timer when powered by fully-charged batteries is within one second per minute. All switches are disabled during battery operation to prevent accidental resetting.

Ordering Information

<table>
<thead>
<tr>
<th>Item</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clock/Timer</td>
<td>MCT-12B</td>
</tr>
<tr>
<td>Backbox (for wall mount)</td>
<td>53007BB</td>
</tr>
<tr>
<td>Trim (for wall mount)</td>
<td>MCTS95135</td>
</tr>
<tr>
<td>Remote Controller</td>
<td>MCTCT</td>
</tr>
</tbody>
</table>
SQUARE D® ECLIPSE™ EQUIPMENT MOUNTING RAIL

The Eclipse medical equipment rail system provides an easy to install, easy to maintain, and easy to use system to manage all of your patient care equipment.

A wide range of accessories are available to meet the needs of the patient and staff. Two methods of attachment are available with the Eclipse medical rail system. A positive locking bracket attaches heavy items or items that are not to be moved. Items such as baskets, shelves, and vacuum bottle slides are hooked to the rail for easy placement and relocation.

Ordering Information

<table>
<thead>
<tr>
<th>Item</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rail only</td>
<td>050453-xx¹</td>
</tr>
</tbody>
</table>

¹ Complete the part number by replacing xx with the length in inches.
SQUARE D® O-STYLE MEDICAL EQUIPMENT RAIL

The O-Style medical equipment rail is compatible with the Ohio/Ohmeda rail manufactured circa 1970s-1990s. The rail consists of two extrusions, a mounting extrusion, and the finish rail. No visible mounting screws can be seen from the front.

Features

- Easy to mount
- No mounting screws visible
- Clear anodized aluminum extrusion
- Easy to clean
- Can be custom cut to any length to 10 ft. (3 m)

Ordering Information

<table>
<thead>
<tr>
<th>Item</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rail only</td>
<td>058511-xx¹</td>
</tr>
</tbody>
</table>

¹ Complete the part number by replacing xx with the length in inches.
TRACK MOUNTING ASSEMBLY PARTS KIT—SQUARE D® AND ALLIED HEADWALLS

This mounting bracket repair kit can be used to repair Square D® and Allied headwall accessory tracks. The kit consists of all parts need to mount the accessory to the track.

The kit consists of the following items:

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>Stud, knurled with plunger</td>
<td>43170-153-50</td>
</tr>
<tr>
<td>D</td>
<td>Loctite™ #271</td>
<td>150361</td>
</tr>
<tr>
<td>E</td>
<td>Hand nut, knurled</td>
<td>43107-019-02</td>
</tr>
<tr>
<td>F</td>
<td>Nut, diamond</td>
<td>43101-619-0</td>
</tr>
</tbody>
</table>

Assembly instructions

1. Insert stud (B) into hand nut (E).
2. Insert through your accessory adaptor.
3. Apply a small amount Loctite to the small threaded section of the stud (B); be sure not to get any Loctite on the larger threads or on the plunger.
4. Attach diamond nut (F) tightly and allow Loctite to dry.

Ordering Information

<table>
<thead>
<tr>
<th>Item</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Track mounting kit</td>
<td>43170-154-01</td>
</tr>
</tbody>
</table>
VACUUM BOTTLE SLIDE BRACKET—SQUARE D® AND ALLIED HEADWALLS

This bracket attaches to a Square D® or Allied patient headwall, tri-column or patient service column. It will mount anywhere on the vertical track without moving any other mounted equipment.

Ordering Information

<table>
<thead>
<tr>
<th>Item</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vacuum bottle slide bracket</td>
<td>43170-116-50</td>
</tr>
</tbody>
</table>
SQUARE D® PHYSIOLOGICAL MONITOR SUPPORT

The Physiological Monitor Support allows adjustment for height above the floor, and may be tilted forward and/or rotated horizontally for viewing comfort. The monitor bracket and channel are heavy-duty, heat-treated, anodized aluminum. The tilt control knob is conveniently located at the front bottom of the bracket. Positive slide stops let the monitor bracket be set at any height and yet be easily moved in a vertical direction.

The monitor support will accommodate physiological monitors of nearly any manufacturer. (Specify the manufacturer and model number of the monitor when ordering.) Two adjustable end plates slide into the support bedplate and are affixed to the monitor case. This allows unrestrained and rapid installation. Replacement interface plates are readily available to adapt the support bracket to different monitors when the hospital updates or changes its systems.

The bracket will support monitors weighing up to 80 lbs (36 kg). An optional brace is available for monitors that exceed 80 lbs (36 kg) or will extend further than 15 in. (380 mm) from the wall. The channel may be used for two monitors, each on its own bracket and stacked above one another. When mounted on a headwall, Schneider Electric provides robust backing support within the headwall for the monitor bracket.

Ordering Information

<table>
<thead>
<tr>
<th>Item</th>
<th>Capacity</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physiological monitor support</td>
<td>80 lbs (36 kg)</td>
<td>PMS-80</td>
</tr>
<tr>
<td></td>
<td>120 lbs (54 kg)</td>
<td>PMS-120</td>
</tr>
</tbody>
</table>
The articulating monitor support arm provides many performance and aesthetic enhancements including:

- 24.5 in. (622 mm) maximum extension
- 4.5 in. (114 mm) minimum extension
- Pivot at the slide for lateral adjustability
- Pivot at the midway joint for lateral adjustability and extension
- 180° nominal lateral pivot range
- Smooth tilt and swivel adjustments at the front end
- 30 lbs (13.6 kg) duty rating
- Cable management
- Cavity in the bottom of the arm with flexible covers
- Pass-through channel slide
- Includes channel cover
- Powder coat durable paint finish
- Integrated channel position set screws
- Optional integrated down post or hanger attachments with keyed or independent swivel
- Accommodates rear and bottom mounted devices

NOTE: Satellite racks, down post, or hanger attachments are optional and are not included.
Ordering Information

<table>
<thead>
<tr>
<th>Item</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Articulating monitor support arm</td>
<td>040400 + manufacturer and model number of the monitor</td>
</tr>
</tbody>
</table>
Tycos Model 767 Wall Aneroid Sphygmomanometer

The Tycos Model 767 wall aneroid sphygmomanometer offers dependability and accuracy.

Features

- Precision, jeweled-movement manometer that is certified to be accurate within one percent of scale (±3 mm Hg)
- Laser-engraved dial face for precision calibration
- Built-in basket for securely storing the inflation system
- High-impact housing and bezel to protect the movement and crystal
- Large dial face, 6.25 in. (150 mm), and bright orange pointer for easy reading
- 40 in. (1010 mm) side-to-side swivel for clear viewing at all angles
- Lifetime calibration and manufacturing warranty

Ordering Information

<table>
<thead>
<tr>
<th>Item</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tycos Model 767 wall aneroid sphygmomanometer</td>
<td>040410r</td>
</tr>
</tbody>
</table>
SQUARE D® MODEL BBL BED BUMPER/LOCATOR

The combination bed bumper/locator is designed to prevent damage to the patient headwall or building wall and overbed lights. It also permits unobstructed use of bed-mounted IV and orthopedic equipment, and assures that the bed is properly aligned with life support systems.

The bed bumper/locator is based on an extruded aluminum retainer system featuring a shock absorbing, non-marring vinyl bumper guard. The bed locators at each end of the bumper assures positive bed positioning in relation to ancillary equipment.

### Ordering Information

<table>
<thead>
<tr>
<th>Item</th>
<th>Length</th>
<th>Color</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bed bumper/locator</td>
<td>36 in. (915 mm)</td>
<td>Black</td>
<td>211665-36-BL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Gray</td>
<td>211665-36-GR</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Eggshell</td>
<td>211665-36-WI</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Beige</td>
<td>211665-36-BG</td>
</tr>
<tr>
<td></td>
<td>42 in. (1066 mm)</td>
<td>Black</td>
<td>211665-42-BL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Gray</td>
<td>211665-42-GR</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Eggshell</td>
<td>211665-42-WI</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Beige</td>
<td>211665-42-BG</td>
</tr>
</tbody>
</table>
SQUARE D® BED LOCATOR AND DOCKING STATION

The Bed Locator and Docking Station is provided to properly position the patient's bed as well as protect the room walls. Space for four electrical devices are provided on each side of the bed locator. To safeguard these devices from damage, they are angled away from the bed. Any combination of electrical receptacles (both normal and emergency), dedicated bed receptacle, telephone jack, bed communication jack, and night light can be installed. A low voltage lighting controller can be provided within the bed locator. The exposed portion of the bed locator is manufactured from a single piece of seamless, high impact plastic which makes it easy to clean. The standard color is white; other colors are available.
Ordering Information

Select one device from the following for each of the eight available locations:

<table>
<thead>
<tr>
<th>Item</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electrical receptacle, Hospital Grade, Duplex, Normal</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>290077</td>
</tr>
<tr>
<td>Electrical receptacle, Hospital Grade, Duplex, Emergency</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>290078</td>
</tr>
<tr>
<td>Electrical receptacle, Hospital Grade, Single, Bed Only</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>290096</td>
</tr>
<tr>
<td>Telephone outlet (RJ-11)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>290317</td>
</tr>
<tr>
<td>Night light</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>170046</td>
</tr>
<tr>
<td>Bed communication jack (8 ft. cord, standard)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>278050</td>
</tr>
<tr>
<td>Provision for low voltage connector</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>—</td>
</tr>
<tr>
<td>Low voltage lighting controller (internal)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>028616</td>
</tr>
</tbody>
</table>
SQUARE D® VACUUM BOTTLE COVES

Vacuum bottle coves provide safe, easily cleaned, and attractive means to protect and hold vacuum fluid collection bottles. Each cove is molded from a single piece of high-impact plastic with no seams or sharp corners. The white color allows quick assessment of both color and amount of the fluid within the collection bottles. A heavy duty plated spring steel retaining bar protects the bottle(s) from damage.

Coves are available in one-, two-, or three-bottle capacities. A galvanized steel backbox can be provided to allow flush mounting in a 4 in. (100 mm) building wall of new or existing structures.

<table>
<thead>
<tr>
<th>Item</th>
<th>Capacity</th>
<th>Part Number Without Backbox</th>
<th>Part Number With Backbox</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vacuum bottle cove</td>
<td>1 bottle</td>
<td>218101</td>
<td>218461</td>
</tr>
<tr>
<td></td>
<td>2 bottles</td>
<td>218102</td>
<td>218462</td>
</tr>
<tr>
<td></td>
<td>3 bottles</td>
<td>218103</td>
<td>218463</td>
</tr>
</tbody>
</table>

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## ANCILLARY SPECIFICATIONS

<table>
<thead>
<tr>
<th>Basic Construction</th>
<th>Description</th>
</tr>
</thead>
</table>
| **Unit construction** | • Rigid Ceiling Column:  
  18-gauge steel sides; 14-gauge steel bottom plates  
  Welds: ground smooth for seamless appearance  
  (4) side-mounted IV hooks (provided by Schneider Electric)  
  Standard length: 36.00 in. (914 mm); terminates approximately 6 ft-6.00 in. (2 m) above finished floor (AFF)  
  Verification for ceiling height for correct column length (provided by contractor)  
  Lower shroud section included with a telescoping inner shroud section (extends and retracts to 15.00 in. (381 mm)  
  Mechanical stops included to prevent bottom of column from exceeding 15.00 in. (381 mm) travel limit  
  • Retractable Ceiling Column:  
    Manually operated; stainless steel  
    Dimensions:  
    Area: 15.00 in. (381 mm) square  
    Length for specified ceiling height: 9.00 ft (2.7 m), 9.50 ft (2.9 m), or 10.00 ft (3 m)  
    Upper shroud section included with a telescoping inner shroud section (extends and retracts to 15.00 in. (381 mm)  
    Mechanical stops included to prevent bottom of column from exceeding 15.00 in. (381 mm) travel limit  |
| **Column structure/assembly and mounting plate** | Column structure: Supported from a (7) gauge steel mounting plate (provided by Schneider Electric with column)  
Mounting plate: (4) 0.75 in. (19 mm) diameter holes, one on each corner for attachment to structural ceiling support (provided by contractor)  
Column assembly: includes a single control to raise, lower, and lock the column in position and can include up to 18 medical gases or electrical services  |
| **Manufacturing standards** | • Rigid Ceiling Column or Retractable Ceiling Column:  
  NFPA, BS, or DIN  |
| **Panels and doors** | • Rigid Ceiling Column:  
  Access panel (provided by Schneider Electric)  |
| **Finish** | • Rigid Ceiling Column:  
  14- and 18-gauge steel finish: No. 4 brushed satin  
  Ceiling finish: stainless steel collar (provided by Schneider Electric)  
  • Retractable Ceiling Column:  
    Stainless steel finish: No. 4 brushed finish  
    Ceiling finish: 18.00 in. (457 mm) adjustable square trim bezel to trim the column shroud  |
| **Components** | **Description** |
| **Power outlets** | • Rigid Ceiling Column:  
  Receptacles: electrical wiring to factory-installed electrical receptacles (provided by contractor)  |
| **Medical gas station outlets** | • Rigid Ceiling Column:  
  Can be provided in BS, DIN, or any US standards  
  Oxygen, vacuum, medical air, evacuation, nitrogen, and nitrous oxide outlets  
  Installed and pre-piped within the column by Schneider Electric at the factory; extends 6.00 in. (152 mm) above the ceiling mounting plate  
  Primary supply lines of the medical gases to the terminal connections (provided by contractor)  
  • Retractable Ceiling Column:  
    Can be provided in NFPA, BS, or DIN standards  
    Oxygen, vacuum, medical air, evacuation, nitrogen, and nitrous oxide outlets  
    Installed and pre-piped within the column by Schneider Electric at the factory; extends 6.00 in. (152 mm) above the ceiling mounting plate  
    Primary supply lines of the medical gases to the terminal connections (provided by contractor)  |
| **Hose reels** | Assembly accommodates (1) or (2) gas service valve connections  
Can be field-ganged to accommodate multiple gas services, fitted with 12.00 ft (3.7 m) of hose  
Pressure hoses: 0.25-in. (6 mm) inside diameter; vacuum hoses: 0.31-in. (8 mm) inside diameter  
Reel assembly: designed for concealed mounting with a stainless steel coverplate  
Gas connections: indicated by prominent color-coded service identification  
Connections: from reel to pipeline through DISS outlets to allow use of the piping systems when reel is disconnected  
Reels: repairable on location and have containerized springs and O-ring swivel connection  
Backbox: constructed of 20-gauge steel; baked enamel finish  |
| **Electrical reels** | Accommodates (1) power cord  
Spring-loaded for easy retraction  
Heavy-duty type to accommodate 20 A, 120 V service  
Electrical reel assemblies: Ganged to provide many combinations  
Unit provided with 15.00 ft (4.6 m) of 12AWG/3 conductor cable with a Hospital Grade, duplex, electrical receptacle  
Backbox: constructed of 14-gauge steel; baked enamel finish  |
| **React™ digital clock timer** | Available as 120 V or 220 V  |
| **MCT-12B clock timer** | 24-hour normal operation mode from a 60 Hz source  
Equipped with a 20-terminal, printed circuit card connector that mates with a cable harness (includes a mating connector)  |
| **Eclipse™ equipment mounting rail** | Constructed from tempered, deep-etched/clear anodized aluminum extrusions for uniform soft gray appearance  
Rail ends: finished with gray, heavy-duty, molded plastic end caps  
Self-aligning mounting brackets (provided by Schneider Electric)  
Lengths: any; provided in continuous lengths up to 17.00 ft (5 m)  |

All specifications are nominal and subject to change without notice. Schneider Electric makes no warranty, expressed or implied, except for the expressed written warranty extended on the sale of its products.