



MADE IN THE USA

“EVOLUTION” Fairfield-Style Equipment Rail



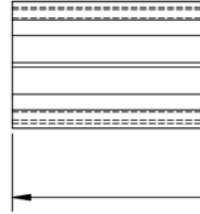
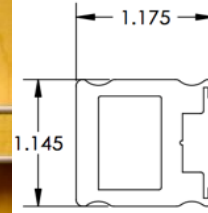
PALADIN HEALTHCARE®



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SPECIFICATION: Part Number R-2XX



** Image shown is a seamless fit in a modular casework application and does not include end caps. **

- EVOLUTION Equipment Management Rail: a seamless, extruded aluminum profile with clear anodized finish containing a groove for attaching an adapter that supports the Owner supplied specified hospital accessories and equipment and includes termination caps at each end. The groove and adapters are designed so that the adaptor requires a seven-degree tilt for attachment. The rail is designed to accommodate a seamless Wilsonart laminate decorative color inlay the length of the rail up to ten feet in length.
- EVOLUTION Equipment Management Rail shall be specified in one-to-ten-foot lengths as shown on drawings or indicated on purchase order to accommodate room conditions. Rail will be cut to exact lengths as indicated. For lengths greater than ten feet, a JOINER piece is used to attach multiple pieces of rail together to meet the required total length. **The length of the rail is nominal for the rail only and does *not* include the end caps. Use of two end caps increases the total length of the rail by ½”.
- EVOLUTION Equipment Management Rail is pre-drilled on sixteen-inch centers (minimum) except for a one-foot rail length which has two mounting holes drilled at eight inches on center. The Rail may also be field drilled by the installer to accommodate specific job site conditions.
- End caps shall be constructed of injected molded thermoplastic and shall resist most hospital cleaning and disinfecting chemicals. The color shall be white and molded throughout the material. End caps shall be friction-fit without use of fastening devices.
- Decorative inlay shall be supplied by Paladin for installation by the owner or contractor. Inlay is Wilsonart laminate in the standard finish which will resist most hospital cleaning and disinfecting chemicals. Color shall be specified by the Owner. Specialty coating finishes can be made available for additional cost and lead time. Alternate laminate manufacturers may be specified for additional cost and lead time. Contact manufacturer for details.
- Option to powder coat rail with anti-microbial finish (AMF) in select colors. Contact manufacturer for details.





“EVOLUTION” Fairfield-Style Equipment Rail Mounting Solutions



- When rails are mounted in accordance to manufacturer’s installation instructions, rail shall accommodate function loading up to 62 foot pounds of torque per foot between 16” centers.
- The recommended Evolution Equipment Rail loading should not exceed 20 pounds of weight per linear foot.
- The Evolution Equipment Rail loading capability is as well a function of dry wall load bearing capacity, drywall mounting/installation, and quality of installation hardware.
- Installer MUST use 1/4” mounting hardware appropriate to wall construction type or to the installation method required.
- Refer to the relevant elevation drawings and other specification documentation for quantity and location details for each project.
- Secure the item to be fastened with the proper size machine screw and screw driver. NOTE: Maximum torque on screw or rod is 5 ft-lb.
- Contact manufacturer with any installation questions at (407) 614-8781

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Stud Mount

1. Position and level the “Evolution” rail on the wall at the correct height and location as shown on the elevation drawings. Mark location on wall.
2. Align holes in rail with studs. If required, drill new holes into rail to align with stud locations.
3. Using a 1/4” sheet metal screw, securely fasten the screws through the rail and drywall and into the studs. Ensure a tight fit between rail and wall.
4. Insert supplied inlay strip into grooves and secure end cap.

Drywall Mount WITH Backing (metal or wood)

Follow Drywall Mount instructions 1 + 2 below. Use 1/4” screws to securely mount the rail to the wall. For sheet metal backing use sheet metal screws. For wood backing, use wood screws. Ensure a tight fit between rail and wall. Finish with inlay strips and secure end cap into position.



Drywall Mount WITHOUT Backing

1. Position and level the “Evolution” rail on the wall at the correct height and location as shown on the elevation drawings. Mark location on wall.
2. Mark through each of the pre-drilled holes in the rail onto the drywall.
3. Remove the rail and securely install 1/4” toggle-type wall anchors in locations as marked.
4. Realign the rail holes with the installed wall anchors and tightly secure the rail to the wall with the 1/4” wall anchor machine screws. Ensure a tight fit between rail and wall.
5. Insert supplied inlay strip into grooves and secure end cap.

Wall Anchor types A + B

