

Manufacturers Proprietary Specification

SPECIFIER NOTE: This specification should be reviewed by Dynamic Closures as listed in Section 2 .1 below prior to using for construction purposes.

SECTION: 10 22 23
PORTABLE PARTITIONS

PART 1 GENERAL

1.1 SUMMARY

- A. Section Includes:
 - 1. Manual folding partitions
- B. Related Sections:
 - 1. 083516 Folding grilles.
 - 2. 084313 Aluminum framed storefronts

1.2 REFERENCES

- A. ASTM International (ASTM) B221 - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes.

1.3 SUBMITTALS

- A. Submittals for Review:
 - 1. Shop Drawings: Indicate opening dimensions and required tolerances, connection details, anchorage spacing, hardware locations, and installation details.
 - 2. Product Data: Provide information on door construction, components, materials, and finishes.
- B. Sustainable Design/LEED Submittals: Documentation of recycled content and location of manufacturer.
 - 1. LEED, MR Credit 4 – Recycled Content: Provide documentation for cost of products having recycled content indicating percentages by weight of postconsumer plus 1/2 of the preconsumer content.
 - 2. LEED, MR Credit 5 – Regional Materials: Provide documentation for cost of materials or products that have been extracted, harvested, or recovered and also manufactured within 500 miles of project site.
- C. Closeout Submittals:
 - 1. Operation and Maintenance Data.

1.4 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Minimum of three years experience in the fabrication and installation of Coiling Doors and Grilles.
- B. Installer Qualifications: Authorized representative of the manufacturer.

1.5 DELIVERY, STORAGE AND HANDLING

- A. Reference Section 01660 Product Storage and Handling Requirements.
- B. Deliver materials in labeled protective packages. Store and handle in compliance with manufacturer's instructions.

1.6 WARRANTIES

- A. Provide manufacturer's 1 year warranty against defects in materials and workmanship.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Contract Documents are based on products by Dynamic Closures Corporation. (www.dynamicclosures.com) Telephone: 1-800-663-4599; Fax: 1-800-205-6665 E-mail: CustomerService@DynamicClosures.com
- B. Equivalent products by the following manufacturers are acceptable:
 - 1. CHI Overhead Doors. (www.chiohd.com)
- C. Substitutions: [Under provisions of Division 01.] [Not permitted.]

2.2 MATERIALS

- A. Aluminum Extrusions: ASTM B221, 6063-T5 or T6 alloy and temper.

2.3 COMPONENTS

- A. RF Grille Curtain:
Panel: 3 foot 6 inches (1067 mm) wide by 6 foot 6 inches (1981 mm) high framed with aluminum tube extrusions. Panels shall be filled with an open air grille of 1/8 inch (3 mm) by 5/8 inch (17 mm) by 6 inch (152 mm) aluminum links onto 5/16 inch (8 mm) aluminum rods spaced 12 inches (305 mm) apart by 1/2 inch (13 mm) aluminum tubes. Panels to be connected by powder coat painted metallic grey steel hinges at each corner allowing a maximum pivot angle of 150 degrees for stability. Bottom hinges shall have 2 inch (51mm) non-marring rollers.
- B. Pattern: Straight rod link
- C. Curtain Height: 6 feet 6 inches (1981 mm).
- D. Operation: Manual pull-push operation
- E. Locking Posts: Reference drawings.
- F. Finish-Exposed Aluminum Parts: [clear] [champagne] [light bronze] [bronze] [black] anodized.
Or
- G. Finish-Exposed Aluminum Parts: Powder Coat Paint, colors as selected by Architect.

PART 3 EXECUTION

3.1 INSTALLATION

- A. Follow manufacturer installation instructions and approved shop drawings.

3.2 ADJUSTING/MAINTENANCE

- A. Test operation of partition and adjust to provide smooth and proper operation.
- B. Clean exposed surfaces using manufacturers recommended cleanser.

END OF SECTION