



Aluminum Counter Door Specifications

1. General

1.1. Summary

- A. Counter doors excluding design, construction and preparation of openings; finish or field painting; access panels; electrical wiring, conduit, wire, fuses and disconnect switches

2. Products

2.1. Materials

- A. **Manufacturer:** R&S Manufacturing Model S____
- B. **Mounting:** Face of wall or between-jamb
- C. **Operation:** Push-up is standard. Chain hoist, or motor operation are optional.
- D. **Curtain:** Interlocking type 15 slats are extruded from 6063 alloy aluminum. Endlocks are riveted to slats to maintain curtain alignment. Bottom of curtain is reinforced by an extruded aluminum tubular footpiece.
- E. **Guides:** Extruded aluminum guides are bolted to aluminum wall angles. Guides are fitted with nylon pile wearstrips.
- F. **Brackets:** Steel plate brackets are bolted to wall angles to support curtain and barrel, and provide mounting for hood.
- G. **Barrel:** Steel pipe houses torsion spring assembly and supports curtain with a maximum deflection of .03 inch per foot of width. Torsion springs are mounted on a continuous cold rolled steel shaft, adjustable by a torsion wheel outside one bracket.
- H. **Hood:** Formed from aluminum sheet, reinforced with top and bottom flanges to limit deflection.
- I. **Locking:** Slidebolt locks standard, cylinder locks optional.

2.2. Finish

- A. Aluminum slats, footpiece, guides, and hood are clear anodized. Steel brackets receive one coat of rust inhibiting primer.

3. Execution

3.1. Installation

- A. Counter doors are to be installed by an R&S authorized representative in accordance with R&S installation instructions.



Aluminum Counter Door Options

Cylinder Locks: Lock cylinder mounted in tubular aluminum footpiece activate lock bolts into each guide

Inside Tension: Tension wheel that is on the inside of the bracket and covered by the hood

Tubular Motor Operator: Completely contained within the barrel for counter doors in limited usage applications

Finish: Standard clear anodized finish may be upgraded to dark bronze