



## 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
  - (a) Steel: Model N\_\_\_\_
  - (b) Stainless Steel: Model SN\_\_\_\_
- B. **Mounting:** Face of wall or between-jamb
- C. **Operation:** Push-up to 14' wide and awning crank on larger sizes is standard. Chain hoist, or motor operation are optional.
- D. **Curtain:** Interlocking type 17 slats are roll formed from (galvanized steel) (stainless steel) coil. Endlocks are riveted to slats to maintain curtain alignment. Bottom of curtain is reinforced by a single steel angle or tubular steel footpiece.
- E. **Guides:** Box shaped formed (steel) (stainless steel) guides.
- F. **Brackets:** Steel plate brackets are bolted to guides 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 minimum 24 gauge (galvanized steel) (stainless steel) sheet, reinforced with top and bottom flanges to limit deflection.
- I. **Locking:** Slidebolt locks on single angle footpiece and cylinder locks on tubular footpiece.

#### 2.2. Finish

- A. Galvanized steel slats and hoods are pre-finished with a baked on grey or tan polyester primer before forming. Steel footpiece, guides and brackets receive one coat of rust inhibiting primer. Stainless steel slats, hoods, footpiece, and guides are provided with #4 finish.

### 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.

### Counter Door Options

**Cylinder Locks:** Lock cylinders mounted on footpiece provide key locking of footpiece mounted slide bolts

**Vision Lites:** Single or multiple 3-1/2" wide cut-outs, open for ventilation or covered with acrylic

**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

**Galvanized Finish:** Hot dipped zinc coating on footpiece, guides, and brackets

**Powder Coat Finish:** Powder coating available on all exposed surfaces