

**The Genuine. The Original.**



**SECTION 083313  
COILING COUNTER DOORS MODEL 665**

**NOTE:** Enable Microsoft Word option to display hidden text to view notes to specifier.

**PART 1 GENERAL**

**1.01 SECTION INCLUDES**

- A. Wood coiling counter doors.

**1.02 RELATED REQUIREMENTS**

- A. Section << **061000 - Rough Carpentry**>>: Rough openings.
- B. Section << **079200 - Joint Sealants**>>: Sealing joints between frames and adjacent construction.
- C. Section << **087100 - Door Hardware**>>: Cylinder cores and keys.
  
- D. Section << **260583 - Wiring Connections**>>: Power to disconnect.

**1.03 REFERENCE STANDARDS**

- A. ASTM A240/A240M - Standard Specification for Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications; 2023a.
- B. ITS (DIR) - Directory of Listed Products; Current Edition.
- C. UL (DIR) - Online Certifications Directory; Current Edition.

**1.04 SUBMITTALS**

- A. Product Data: Submit manufacturer's standard literature showing materials and details of construction and finish. << **Include data on electrical operation;** or **None - N/A**>>
- B. Shop Drawings: Indicate rough and actual opening dimensions, anchorage methods, hardware locations, and installation details.
- C. Manufacturer's Instructions: Indicate installation sequence and installation, adjustment, and alignment procedures.
- D. Installer's qualification statement.
- E. Operation and Maintenance Data: Indicate modes of operation, lubrication requirements and frequency, and periodic adjustments required.
- F. Specimen warranty.

**1.05 QUALITY ASSURANCE**

- A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section with minimum << **three; or \_\_\_\_\_**>> years of << **documented; \_\_\_\_\_; or None - N/A**>> experience.

- B. Installer Qualifications: Company specializing in performing work of type specified and with minimum << **three**; or \_\_\_\_\_>> years of<< **documented**; \_\_\_\_\_; or **None - N/A**>> experience<< **and approved by manufacturer**; or **None - N/A**>>.
- C. Products Requiring Electrical Connection: Listed and classified by << **ITS (DIR)**; **UL (DIR)**; **testing firm acceptable to authorities having jurisdiction**; or \_\_\_\_\_>> as suitable for purpose specified and indicated.

## 1.06 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's unopened packaging until ready for installation.
- B. Protect materials from exposure to moisture.
- C. Store materials in dry, warm, ventilated, weathertight location.

## 1.07 WARRANTY

- A. Manufacturer Warranty: Provide manufacturer warranty for counterbalance shaft assembly for years indicated under individual doors. Complete forms in <<**Owner**>>'s name and register with manufacturer.

## PART 2 PRODUCTS

### 2.01 MANUFACTURER

- A. Overhead Door Corporation; www.overheaddoor.com; 1 (800) 929-3667.
- B. Substitutions: Not permitted.

### 2.02 WOOD COILING COUNTER DOORS

- A. Overhead Door™ Brand; Model 665.
  - 1. Slats: Interlocking wood slats.
  - 2. Width: << \_\_\_\_\_ **feet ( \_\_\_\_\_ mm)**>>.
  - 3. Height: << \_\_\_\_\_ **feet ( \_\_\_\_\_ mm)**>>.
  - 4. Mounting: << **Surface-mounted on side indicated on drawings**; **Between jamb**; or \_\_\_\_\_>>.
  - 5. Opening Speed: Door to operate at variable speed up to << **8 inches (203 mm)**>> per second.
  - 6. Closing Speed: Door to operate at variable speed up to << **12 inches (305 mm)**>> per second.
  - 7. Available Warranty:
    - a. Door-Only Warranty: One year.
  - 8. Curtain Material: Wood; endlocks attached to alternate slats maintain curtain alignment and prevent lateral slat movement.
    - a. Slat Profile: << **1-3/4 inches (16 mm)**>> high by << **1/2 inch (13 mm)**>> thick.
    - b. Wood Species: << **Birch**; **Douglas fir**; **Red oak**; **White oak**; or \_\_\_\_\_>>.
    - c. Finish: Unfinished.
  - 9. Bottom Bar: Wood to match curtain.

10. Locking Options to Include: << **Cylinder.; Best cylinder.; \_\_\_\_\_ .; or None - N/A**>>
  - a. Lock Locations: << **Both jambs; Left jamb only; Right jamb only; or \_\_\_\_\_**>>.
  - b. Lock Access: << **Coil side; Opposite coil side; or \_\_\_\_\_**>>.
11. Side Guides, Channels: Constructed of wood to match curtain.
12. Brackets: Galvanized steel to support counterbalance assembly and curtain, covered with wood to match curtain.
13. Counterbalance Assembly: Helical-torsion-spring type, housed in steel tube or pipe barrel and supporting curtain with deflection limited to << **0.03 inch per foot (2.5 mm per m)**>> of span; adjustable spring tension required.
14. Hood: << **Not required; Wood; or \_\_\_\_\_**>>.
  - a. Finish: Match curtain.
15. Manual Operation: << **Push up; Hand crank; or \_\_\_\_\_**>>.
  
16. Motor Operation: Provide UL-listed electric operator; size as recommended by manufacturer to move door in either direction minimum << **8 inches (203 mm)**>> and maximum << **12 inches (305 mm)**>> per second.
  - a. Manual Override: Crank.
  - b. Operation Supply Voltage: << **115/208/230 V, 1-phase, 60 Hz; 208/230/460 V, 3-phase, 60 Hz; 220 V, 1-phase, 50 Hz; 220 V, 3-phase, 50 Hz; 400 V, 3-phase, 50 Hz; 575 V, 3-phase, 60 Hz; or \_\_\_\_\_**>>.
  - c. Actuation: Provide push button.
  - d. Motor Mounting: Within door coil.

## **PART 3 EXECUTION**

### **3.01 EXAMINATION**

- A. Verify adjacent construction is suitable for door installation.
- B. Verify electrical services have been installed and are accessible.
- C. Verify door opening is plumb, header is level, and dimensions are correct.
- D. Notify <<**Architect**>> of unacceptable conditions or varying dimensions.
- E. Commencement of installation indicates acceptance of substrate and door opening conditions.

### **3.02 INSTALLATION**

- A. Install units in accordance with manufacturer's instructions.
- B. Use anchorage devices to securely fasten assembly to wall construction and building framing without distortion or stress.
- C. Securely and rigidly brace components suspended from structure.<< **Secure guides to structural members only.; \_\_\_\_\_ .; or None - N/A**>>
- D. Fit and align assembly including hardware; level and plumb to provide smooth operation.
- E. Coordinate installation of electrical service; see Section << **260583**>>.
- F. Complete wiring from disconnect to unit components.

- G. Complete wiring from fire alarm system.
- H. Install perimeter trim as shown on drawings.

### **3.03 TOLERANCES**

- A. Maintain dimensional tolerances and alignment with adjacent work.
- B. Maximum Variation from Plumb: << 1/16 inch (1.5 mm); or \_\_\_ inch (\_\_\_ mm)>>.
- C. Maximum Variation from Level: << 1/16 inch (1.5 mm); or \_\_\_ inch (\_\_\_ mm)>>.
- D. Longitudinal or Diagonal Warp: Plus or minus << 1/8 inch per 10 feet (3 mm per 3 m); or \_\_\_ inch per 10 feet (\_\_\_ mm per 3 m)>> straight edge.

### **3.04 ADJUSTING**

- A. Adjust operating assemblies for smooth and noiseless operation.

### **3.05 CLEANING**

- A. See Section << 017000 - Execution and Closeout Requirements>> for additional requirements.
- B. Clean installed components.
- C. Remove labels and visible markings.

**END OF SECTION**