## Standard Packages

<table>
<thead>
<tr>
<th>Nominal Outside Diameter</th>
<th>Inside Diameter</th>
<th>Entry</th>
<th>Clear Access at Door Wing</th>
<th>Rough Opening Width x Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>12'-0&quot; (3658)</td>
<td>11'-8 1/2&quot; (3569)</td>
<td>5'-3 3/4&quot; (1619)</td>
<td>3'-0 1/4&quot; (921)</td>
<td>12'-0 1/2&quot; (3670) x 9'-0 1/4&quot; (2750)</td>
</tr>
<tr>
<td>14'-0&quot; (4267)</td>
<td>13'-8 1/2&quot; (4173)</td>
<td>6'-3 3/4&quot; (1924)</td>
<td>4'-0 1/4&quot; (1226)</td>
<td>14'-0 1/2&quot; (4280) x 9'-0 1/4&quot; (2750)</td>
</tr>
<tr>
<td>16'-0&quot; (4877)</td>
<td>15'-8 1/2&quot; (4788)</td>
<td>7'-3 3/4&quot; (2229)</td>
<td>5'-0 1/4&quot; (1530)</td>
<td>16'-0 1/2&quot; (4890) x 9'-0 1/4&quot; (2750)</td>
</tr>
</tbody>
</table>

Overall Unit Height: 9'-0" (2438), Ceiling Height: 7'-0" (2134), Canopy Height: 24" (610)

Glazing: Standard unit prep'd for 1/4" (6) glass. Glass provided by others.

### Installation and Operation

- Door is surface mounted to finish floor (floor not to exceed 1/4" out of level). Unit is free-standing with no additional support required.

- Drum can be center connected to adjacent construction or throat connected (at entry vertical rails). Allow 1/4" shim space each side & at canopy. Adjacent construction not to bear down on revolving door.

- Motion sensors at each entry start wing rotation on user approach at 3-5 RPM. Push plates mounted at each side of entry slow door to 1-3 RPM for slower traffic.

- Electrical: Provide 120 VAC, 15 amp service on a dedicated 20 amp circuit breaker routed to power operator mounted within the enclosure canopy.

### Options

- Custom ceiling height up to 8'-0"  
- Extended or cropped canopy  
- Aluminum roof  
- Custom anodized or paint finish

For more standards & options see Architectural Specs (p.F7.1) and Spec Details (p. F3.0).

---

**Grand® Automatic Series 9631**  
Type: 3-Wing with Segmented® Drum (page 1 of 3)  
January 15, 2023

### ARCHITECTURAL DETAILS

**REVOLVING DOOR ENTRANCES**

**Type:** 3-Wing with Segmented® Drum

**Overall Unit Height:**
- 9'-0" (2438)
- Ceiling Height: 7'-0" (2134)
- Canopy Height: 24" (610)

**Anodized Finish:**
- Clear or Dark Bronze

**Installation and Operation**

- Door is surface mounted to finish floor (floor not to exceed 1/4" out of level). Unit is free-standing with no additional support required.

- Drum can be center connected to adjacent construction or throat connected (at entry vertical rails). Allow 1/4" shim space each side & at canopy. Adjacent construction not to bear down on revolving door.

- Motion sensors at each entry start wing rotation on user approach at 3-5 RPM. Push plates mounted at each side of entry slow door to 1-3 RPM for slower traffic.

- Electrical: Provide 120 VAC, 15 amp service on a dedicated 20 amp circuit breaker routed to power operator mounted within the enclosure canopy.

---

**Floor Plan and Exterior Elevation**

Horton Automatics reserves the right to alter its product and specifications without notice. Dimensions given in U.S. inches followed by millimeters in parenthesis.
For Elevation & Floor Plan see F2.12 (sheet 1 of 3).

For Vertical Sections see F2.14 (sheet 3 of 3).

Door wings can be collapsed for Emergency Egress after power is released from magnetic lock. Electromagnets hold wings in locked positions under normal conditions with 1000 lbs. min. force.

- 2" (51) Dia. Steel Center Shaft with 1/16" Aluminum Sleeve
- Black Neoprene Fingerguard
- ToeGuard™
- Aluminum Cover for Hydraulic Closer
- Inside Drum Radius
- Outside Drum Radius

Display Core, Door Wing and Drum - Horizontal Section

For Vertical Sections see F2.14 (sheet 3 of 3).

Horton Automatics reserves the right to alter its product and specifications without notice. Dimensions given in U.S. inches followed by millimeters in parenthesis.