**FOR OPTIMUM LOCK PERFORMANCE, THE GAP BETWEEN THE DOOR AND FRAME MUST MEET INDUSTRY STANDARDS OF AN 1/8"**

<table>
<thead>
<tr>
<th>BACKSET &quot;A&quot;</th>
<th>DIM.&quot;B&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>31/32&quot;</td>
<td>1.60</td>
</tr>
<tr>
<td>(24.6)</td>
<td>40.6</td>
</tr>
<tr>
<td>1-1/8&quot;</td>
<td>1.76</td>
</tr>
<tr>
<td>(28.6)</td>
<td>44.6</td>
</tr>
<tr>
<td>1-1/2&quot;</td>
<td>1.75</td>
</tr>
<tr>
<td>(38.1)</td>
<td>44.5</td>
</tr>
</tbody>
</table>

Flat Face Plate can be adjusted for right or left beveled edge doors. Radius Weather Strip is optional.

**OPERATION INSTRUCTION**
Press Aux Latch to secure Main Latch. Turn key, apply voltage, or operate Paddle/Handle to unlock Main Latch. As door opens, Main Latch pivots and collapses.

** turning Key/Handle/Paddle DOES NOT pull Main Latch Assy.**

**CYLINDER CAM**
4300 Series Deadlatches are operable by any standard 1-5/32" diameter Mortise cylinder with special MS® cam dimensioned as shown. Cylinders with MS® cams can be readily obtained from most cylinder manufacturers. See catalog for cylinder make and trim ring information.

**CAM TOLERANCE:** ±.005 (±.13)

**Drill and c/sk for: #10-32 X 1/2" Flat Head Machine Screws**

**INSTALLATION**
(Must use a Face Plate for installation)
Adjustable Mounting Tube Bracket may be removed for mounting on bridges, tabs, or either methods.

**INSTALLATION INSTRUCTIONS**

Adams Rite Manufacturing Co.
260 Santa Fe Street,
Pomona, CA 91767
Phone: 909-632-2300
Fax: 909-632-2369

www.adamsrite.com
**FOR TRADITIONAL MOUNTING INSTALLATIONS**
- Measure the depth from the back of the stile to the inside wall of door edge (Fig. 1).
- Match the distance from the face of the Mounting Plate to the end of Tube Spacer. Use 3/16" Hex Key for fine adjustment (Fig. 2).

**FOR MOUNTING TAB INSTALLATIONS**
- Remove top and bottom #8-32 x 5/16" Truss Head Screw as shown (Fig. 3).
- Remove Yoke, and refasten #8-32 x 5/16" Truss Head Screw (Fig. 4).

**BEVEL ADJUSTMENT**
- Rotate Bevel Tab to desired hand (Fig. 5).
Using the bevel adjustment allows the Flat Faceplate to work in beveled stiles. Radius and Flat Faceplates are included.

**EXAMPLE WIRING DIAGRAM WITH N.O. MONITORING**
- Loop the wires bundle from 4300 Electrified’s Solenoid under and around its housing as shown (Fig. 7).
- Extend the wires run from the power source and through the stile preparation.
- Connect the wire to the voltage adaptor cable.
- Attach voltage adaptor cable to 4300 wires bundle as shown.

**Solenoid Specification**
- Solenoid Available Voltages
  - 12V DC Continuous Duty
  - 24V DC Continuous Duty

**VOLTAGE ADAPTOR CABLE**

<table>
<thead>
<tr>
<th>PIN#</th>
<th>Wire Color</th>
<th>Application</th>
<th>Voltage</th>
<th>Current Draw</th>
</tr>
</thead>
<tbody>
<tr>
<td>VA7400-12</td>
<td>Black</td>
<td>12V DC</td>
<td>0.44 Ams</td>
<td></td>
</tr>
<tr>
<td>VA7400-24</td>
<td>Red</td>
<td>24V DC</td>
<td>0.24 Ams</td>
<td></td>
</tr>
</tbody>
</table>

**Monitoring (Optional)**
- Monitored Deadlatch contains an internally mounted switch. This switch is activated when the door is in close position. All unused leads from the monitor switch must be insulated.

**Common Contact**
- Black

**Normaly Open Contact (N.O.)**
- Red

**Normaly Closed Contact (N.C.)**
- White

**Maximum Switching Current**
- 0.1 Amps @ 125 VAC

**Bevel Tab**
- RH Bevel Position
- LH Bevel Position

**Flange**
- Neutral Position

**Fig. 1**
- DIM.
- DEPTH DIM.
- Inside Stile Wall
- Bevel Tab
- Bevel Tab
- Yoke
- 3/16" Hex Key

**Fig. 2**
- RADIUS WEATHERSEAL FACEPLATE ONLY
- With a small screwdriver, remove bevel tabs as shown (Fig. 6)

**Fig. 3**
- 4300 SERIES ELECTRIFIED DEADLATCH
- 80-0180-421
- Rev. D
- ECN: 11899
- Adams Rite Manufacturing Co.
  260 Santa Fe Street,
  Pomona, CA 91767
  Phone: 909-632-2300
  Fax: 909-632-2369
  www.adamsrite.com

**Fig. 4**
- FLAT FACE PLATE
- NEUTRAL POSITION
- Bevel Tab
- RH Bevel Position
- LH Bevel Position

**Fig. 5**
- MONITORING (OPTIONAL)
- MONITORED DEADLATCH CONTAINS AN INTERNALLY MOUNTED SWITCH. THIS SWITCH IS ACTIVATED WHEN THE DOOR IS IN CLOSE POSITION. ALL UNUSED LEADS FROM THE MONITOR SWITCH MUST BE INSULATED.

**Fig. 6**
- Note: NOT intend to be a Rex switch.

**Fig. 7**
- Example Wiring Diagram with N.O. Monitoring
- Wire Color:
  - Black = Common
  - White = N.O. contact (Dry)
  - Red = N.C. contact (Dry)
- Unused wires must be cut such that no exposed wire will touch any metallic surface

**Fig. 8**
- Bevel Tab
- Bevel Tab
- Yoke
- 3/16" Hex Key

**Fig. 9**
- Common Contact
- Normally Open Contact (N.O.)
- Normally Closed Contact (N.C.)
- Maximum Switching Current

**Fig. 10**
- Loop the wires bundle from 4300 Electrified’s solenoid under and around its housing as shown (Fig. 7).
- Extend the wires run from the power source and through the stile preparation.
- Connect the wire to the voltage adaptor cable.
- Attach voltage adaptor cable to 4300 wires bundle as shown.