**Performance Features**

- Tested and certified to significantly exceed 1,000,000 cycles—well above the requirements for Grade 1 certification.
- Thru-Bolted trim design for increased security and durability.
- Consistent styling to match any décor.
- Tested and Certified.
- ANSI/BHMA A156.3 Series Grade 1
- UL/cUL Listed (3 hours)
- UL10C/UBC 7-2
- UL305 for Panic Hardware
- ANSI A117.1 (ADA Compliant)
- ALVB Available with Mobile key option.

**Tested and Certified**

- ANSI/BHMA a156.3 Series Grade 1
- UL Listed for Panic Exit
- Non Handed

---

**Rim & Surface Mounted Vertical Rod Panic Options:**

The commercial grade 1 exit device is designed for institutional and commercial uses such as educational, health care, industrial, and hospitality facilities where long lasting, highly durable product is required.
### Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Finish available for pushbar</td>
<td>Satin Chrome, Polished Chrome, Satin Brass, Antique / Dark Brown</td>
</tr>
<tr>
<td>Finish available for Miwa exit device kit</td>
<td>Satin Stainless (ST) / Polished Stainless (SB) / Satin Brass (BS) / Polished Brass (YB) / Mid Bronze (CB)</td>
</tr>
<tr>
<td>Reader</td>
<td>RFID (ISO 14443-A) compatible</td>
</tr>
<tr>
<td>Systems</td>
<td>ALV2(ALVB)</td>
</tr>
<tr>
<td>Handing</td>
<td>left hand reverse-right hand reverse</td>
</tr>
<tr>
<td>Door requirements</td>
<td>1-3/4&quot; to 2-1/4</td>
</tr>
<tr>
<td>Door types</td>
<td>wood, hollow metal, fiberglass, or aluminum</td>
</tr>
<tr>
<td>Door width</td>
<td>36&quot; stock - 48&quot; available at additional cost</td>
</tr>
<tr>
<td>Door height without rod extensions</td>
<td>7' standard with 84&quot; rods - extensions available at additional cost</td>
</tr>
<tr>
<td>Stile width</td>
<td>5&quot; minimum</td>
</tr>
</tbody>
</table>

### Diagram

**RIM Exit Device**
- Kit Components:
  - Miwa ALV2(ALVB) Lock Trim
  - Rim Panic Bar
  - Mounting Hardware
  - Mounting Plate

**Vertical Rod Exit Device**
- Kit Components:
  - Miwa ALV2(ALVB) Lock Trim
  - Surface V/R Panic Bar
  - Mounting Hardware
  - Mounting Plate

---

**MIWA LOCK CO., LTD.**

JAPAN 3−1−12, Shiba, Minato-ku, Tokyo 105−8510
TEL: +81−3−3452−5568 FAX: +81−3−3452−5911 URL: www.miwa-lock.biz

U.S.A 9272 Jeronimo, Suite 119, Irvine CA 92618
TEL: +1−949−328−5280/ Toll free: +1−888−412−9750 FAX: +1−949−328−5281 URL: www.miwalock.com