TECHNICAL DATA/SPECIFICATIONS *

RATED LOAD: 750 lbs maximum.
INPUT POWER SOURCE:
- AC POWERED UNIT: 110-120 Volt 8 Amp 60 Hz dedicated service.
- DC BATTERY POWERED UNIT: 110-120 Volt 3 Amp 60 Hz battery charger.

DRIVE:
- AC POWERED UNIT: 1/2 hp motor, 1750 rpm, 90 VDC, continuous duty.
- DC BATTERY POWERED UNIT: VPL-3100B: 1/2 hp motor, 1750 rpm, 24 VDC, continuous duty.
  VPL-3200B: 1 hp motor, 1750 rpm, 24 VDC, continuous duty.

INTERMEDIATE REDUCTION: Dual 4L style Poly-V belts and pulleys, 3.94:1 pulley reduction.

FINAL DRIVE: VPL-3100: 1” dia. ACME screw w/bronze nut and bronze safety back up nut.
  VPL-3200B: 1.25” dia. ACME screw w/bronze nut and bronze safety back up nut.

MOTOR CONTROLLER:
- AC POWERED UNIT: 24 VAC Relay control.
- DC BATTERY POWERED UNIT: 24 VDC Relay control.

SPEED:
- AC POWERED UNIT: 9 feet per minute maximum.
- DC BATTERY POWERED UNIT: 10 feet per minute maximum.

PERFORMANCE STANDARDS

USA FOOD & DRUG ADMINISTRATION: CLASS II, 510(K) Exempt, File No. 890.3930,
Product Code: PCE

ASME A18.1 (Section 5) Safety Standards for Platform Lifts and Stairway Chairlifts *
CSA B355 Lifts for Persons with Physical Disabilities (Residential Application) *
CSA B44.1/ASME A17.5 Elevator and Escalator Electrical Equipment *

* For complete technical specifications and performance standards years of compliance please see:
  ILS-00834 "VPL-3100 Series Residential Vertical Platform Lift Technical Specification"
  ILS-00986 "VPL-3200B Series Residential Vertical Platform Lift Technical Specification"
UNENCLOSED 90°/ADJACENT EXIT PLATFORM (NO PIT)
VPL-3100/VPL-3200B SERIES VERTICAL PLATFORM LIFT

**Dimensions**

<table>
<thead>
<tr>
<th>Series</th>
<th>Platform Width</th>
<th>Platform Depth</th>
<th>Handrail Height</th>
<th>Handrail Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>VPL-3153</td>
<td>36&quot; - 36 7/8&quot;</td>
<td>48&quot; - 53 1/2&quot;</td>
<td>11 3/4&quot;</td>
<td>11 3/4&quot;</td>
</tr>
<tr>
<td>VPL-3175</td>
<td>36&quot; - 36 7/8&quot;</td>
<td>48&quot; - 53 1/2&quot;</td>
<td>11 3/4&quot;</td>
<td>11 3/4&quot;</td>
</tr>
<tr>
<td>VPL-3210B</td>
<td>36&quot; - 36 7/8&quot;</td>
<td>48&quot; - 53 1/2&quot;</td>
<td>11 3/4&quot;</td>
<td>11 3/4&quot;</td>
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<tr>
<td>VPL-3212B</td>
<td>36&quot; - 36 7/8&quot;</td>
<td>48&quot; - 53 1/2&quot;</td>
<td>11 3/4&quot;</td>
<td>11 3/4&quot;</td>
</tr>
<tr>
<td>VPL-3214B</td>
<td>36&quot; - 36 7/8&quot;</td>
<td>48&quot; - 53 1/2&quot;</td>
<td>11 3/4&quot;</td>
<td>11 3/4&quot;</td>
</tr>
</tbody>
</table>

**Notes:**
1. Access ramp can be mounted on either side of the platform.
2. See ILS-00938 for landing gate detail/alignment.
3. Minimum floor to floor of VPL-3175 is 28".

**Additional Information**

- **Circuit Breaker Box (VPL-3100 Series):**
- **Circuit Breaker Box (VPL-3200B Series):**

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Bruno Independent Living Aids, Inc. reserves the right to modify or make changes to these specifications at any time without notice.
UNENCLOSED 90°/ADJACENT EXIT PLATFORM (NO PIT)
VPL-3100/VPL-3200B SERIES VERTICAL PLATFORM LIFT
ANCHOR POINT LOCATIONS/SLAB DETAIL

TECHNICAL SPECIFICATIONS *

FLOOR ATTACHMENT:
VPL MUST BE FASTENED TO CONCRETE SLAB USING FOUR (4) 1/2" (3/8" BOLT) X MINIMUM 2-1/2" LONG CONCRETE ANCHORS SUITABLE FOR THE ENVIRONMENT. FOLLOW SELECTED CONCRETE ANCHOR MANUFACTURERS GUIDELINES AND APPLICABLE CODES.

FLOOR REQUIREMENTS:
4" THICK 3500 PSI MINIMUM COMPRESSIVE STRENGTH, REINFORCED CONCRETE SLAB.

* For complete technical specifications please see
ILS-00834 "VPL-3100 Series Residential Vertical Platform Lift Technical Specification"
ILS-00986 "VPL-3200B Series Residential Vertical Platform Lift Technical Specification"

UNIT WITH 90°/ADJACENT EXIT PLATFORM

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<th>L</th>
<th>M</th>
<th>N</th>
<th>P</th>
</tr>
</thead>
<tbody>
<tr>
<td>36&quot; X 48&quot; PLATFORM</td>
<td>7-5/8&quot;</td>
<td>12-1/16&quot;</td>
<td>66&quot;</td>
<td>54&quot;</td>
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<tr>
<td>36&quot; X 54&quot; PLATFORM</td>
<td>10-5/8&quot;</td>
<td>15-1/16&quot;</td>
<td>72&quot;</td>
<td>54&quot;</td>
</tr>
<tr>
<td>36&quot; X 60&quot; PLATFORM</td>
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<td>18-1/16&quot;</td>
<td>78&quot;</td>
<td>54&quot;</td>
</tr>
<tr>
<td>42&quot; X 60&quot; PLATFORM</td>
<td>13-5/8&quot;</td>
<td>18-1/16&quot;</td>
<td>78&quot;</td>
<td>60&quot;</td>
</tr>
</tbody>
</table>

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UNENCLOSED 90° / ADJACENT EXIT PLATFORM (NO PIT)
VPL-3100/VPL-3200B SERIES VERTICAL PLATFORM LIFT

NOTES:
1) ACCESS RAMP & PLATFORM GATE CAN BE MOUNTED ON EITHER SIDE OF THE PLATFORM
2) SEE ILS-00938 FOR LANDING GATE DETAIL/ALIGNMENT

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UNENCLOSED 90°/ADJACENT EXIT PLATFORM (NO PIT)
VPL-3100/VPL-3200B SERIES VERTICAL PLATFORM LIFT
ANCHOR POINT LOCATIONS/SLAB DETAIL

**TECHNICAL SPECIFICATIONS**

**FLOOR ATTACHMENT:**
VPL MUST BE FASTENED TO CONCRETE SLAB USING FOUR (4) 1/2" (3/8" BOLT) X MINIMUM 2-1/2" LONG CONCRETE ANCHORS SUITABLE FOR THE ENVIRONMENT. FOLLOW SELECTED CONCRETE ANCHOR MANUFACTURERS GUIDELINES AND APPLICABLE CODES.

**FLOOR REQUIREMENTS:**
4" THICK 3500 PSI MINIMUM COMPRESSIVE STRENGTH, REINFORCED CONCRETE SLAB.

* For complete technical specifications please see
ILS-00834 "VPL-3100 Series Residential Vertical Platform Lift Technical Specification"
ILS-00986 "VPL-3200B Series Residential Vertical Platform Lift Technical Specification"

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**UNENCLOSED 90°/ADJACENT EXIT PLATFORM (NO PIT)**

**RIGHT SWING GATE OPEN**

<table>
<thead>
<tr>
<th>PLATFORM SIZE</th>
<th>MIN SLAB</th>
<th>N</th>
<th>P</th>
<th>Q</th>
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<tr>
<td>36&quot; X 48&quot; PLATFORM</td>
<td>7-5/8&quot;</td>
<td>12-1/16&quot;</td>
<td>67-1/2&quot;</td>
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<td>73-1/2&quot;</td>
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<td>18-1/16&quot;</td>
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<td>79-1/2&quot;</td>
<td>60&quot;</td>
</tr>
</tbody>
</table>

**9/16" DIA. HOLE (4) PLACES**

**M**

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