



PASSPORT® Vertical Platform Lift (VPL)

Technical Specifications

STRAIGHT PLATFORM

PL52SP3651 – 52" (w/ Standard Straight Platform)

| | |
|-------------------------------------|------------------------|
| Weight (Tower/Platform/Net) | : 193 / 174 / 367 lbs. |
| Tower Height (Overall) | : 76-1/8" |
| Platform Assembly Height (Max.) | : 97-3/4" |
| Platform Useable Size | : 50-3/4" x 36" |
| Lifting Height (Landing-to-Landing) | : 52" |
| Overall Footprint (Ramp Deployed) | : 75" x 55-7/8" |

PL72SP3651 – 72" (w/ Standard Straight Platform)

| | |
|-------------------------------------|------------------------|
| Weight (Tower/Platform/Net) | : 224 / 174 / 398 lbs. |
| Tower Height (Overall) | : 96-1/8" |
| Platform Assembly Height (Max.) | : 117-3/4" |
| Platform Useable Size | : 50-3/4" x 36" |
| Lifting Height (Landing-to-Landing) | : 72" |
| Overall Footprint (Ramp Deployed) | : 75" x 55-7/8" |

TURN PLATFORM

PL52TP3860 – 52" (w/ Standard Turn Platform)

| | |
|-------------------------------------|------------------------|
| Weight (Tower/Platform/Net) | : 193 / 184 / 377 lbs. |
| Tower Height (Overall) | : 76-1/8" |
| Platform Assembly Height (Max.) | : 97-3/4" |
| Platform Useable Size | : 57-3/4" x 37-1/8" |
| Lifting Height (Landing-to-Landing) | : 52" |
| Overall Footprint (Ramp Deployed) | : 84" x 55-7/8" |

PL72TP3860 – 72" (w/ Standard Turn Platform)

| | |
|-------------------------------------|------------------------|
| Weight (Tower/Platform/Net) | : 224 / 184 / 408 lbs. |
| Tower Height (Overall) | : 96-1/8" |
| Platform Assembly Height (Max.) | : 117-3/4" |
| Platform Useable Size | : 57-3/4" x 37-1/8" |
| Lifting Height (Landing-to-Landing) | : 72" |
| Overall Footprint (Ramp Deployed) | : 84" x 55-7/8" |

CONSTRUCTION & OPERATIONAL STANDARDS

| | |
|--------------------------------------|---|
| PERFORMANCE STDS: | B44.1 / ASME A17.5 Ed.6, ASME 18.1-2017 Ed.7(Sec 5) |
| MAXIMUM RATED LOAD: | 750 lbs. |
| NUMBER OF PASSENGERS: | Two (one occupant with mobility device, plus one caregiver); never exceed <i>Maximum Rated Load</i> |
| MAIN DRIVE ELECTRICAL: | 24 VDC supplied by two 12 VDC-12 Ah sealed lead-acid batteries; 2-amp smart charger |
| CONTROL CIRCUIT ELECTRICAL: | 12 VDC |
| AC INPUT: | 120 VAC, .6 amps |
| AC POWER CORD LENGTH: | 12' |
| PRIMARY DRIVE: | 24 VDC worm drive motor; .58 hp; 28:1 reduction ratio; 96 rpm output speed rating |
| FINAL DRIVE: | 1" diameter Hi-lead® drive screw with bronze nut and bronze safety back-up nut |
| DRIVE MOTOR CONTROL: | 24 VDC reversing relay; 12 VDC control input; 30-amp auto reset circuit breaker |
| BRAKING: | Worm drive gear motor |
| STANDARD INTERFACE CONTROLS: | 12 VDC; separate, continuous, low pressure large mushroom-head control switches for "UP/DOWN" operation; onboard LED indicator lights, including diagnostics for quick and easy reference; user adjustable control box; keyed operation |
| EMERGENCY STOP: | Red, sealed, 1.5" diameter mushroom-head, push button |
| PLATFORM TRAVEL SPEED: | 10' / min |
| NUMBER OF STOPS/LANDINGS: | Two stops (upper and lower landings) |
| TOWER CONSTRUCTION: | Welded aluminum extrusion |
| CARRIAGE CONSTRUCTION: | Welded aluminum; 1.9" MDS nylon 6/6 rollers; UHMW polyethylene low friction buffers |
| PLATFORM CONSTRUCTION: | Welded aluminum, totally enclosed, removable aluminum framed side enclosures with coated steel filler panels |
| UNDER PLATFORM SAFETY: | Formed aluminum safety pan with obstruction detection circuit, designed to stop lift upon contact with an obstacle under platform; takes less than 15 lbs. of pressure to activate safety pan stop |
| GUARD RAMP: | Self-actuating; 24" |
| EMERGENCY LOWERING: | Manual hand-crank lowering capability |
| LIMIT SWITCHES: | Upper/lower and primary/secondary limit switch triggering locations are adjustable via movable cams |
| WEIGHT OF TOP LANDING GATE: | 50 lbs. |
| CONCRETE PAD ATTACHMENT: | Anchor-ready 6000 Series Aluminum |
| MOUNTING SURFACE RECOMMENDED: | A level (F _F 30-35, F _I 20-25), ≥ 3,500 psi reinforced concrete pad with a 4" minimum thickness |
| DRIVE SCREW LUBRICATION: | DUPONT™ White Lithium Grease w/TEFLON® Fluoropolymer Aerosol (or equivalent) |
| WARRANTY: | 2-Year Limited (visit www.ezaccess.com for complete warranty details) |

Weights and dimensions are approximate and subject to change. Installing contractor to verify dimensional information prior to installation.

52" PASSPORT VERTICAL PLATFORM LIFT

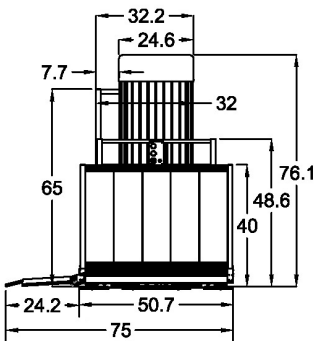


FIG 52.1
(STRAIGHT PLATFORM
SHOWN OPEN)

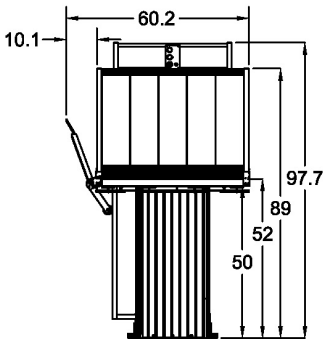


FIG. 52.2
(STRAIGHT PLATFORM
SHOWN CLOSED)

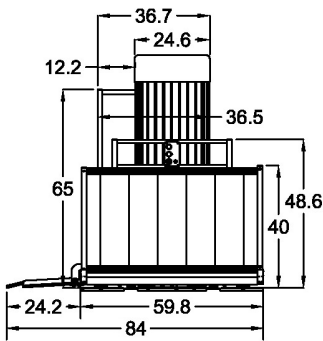


FIG. 52.3
(TURN PLATFORM
SHOWN OPEN)

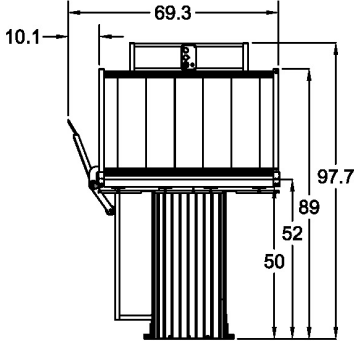


FIG. 52.4
(TURN PLATFORM
SHOWN CLOSED)

72" PASSPORT VERTICAL PLATFORM LIFT

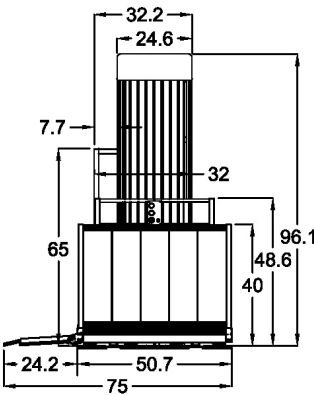


FIG 72.1
(STRAIGHT PLATFORM
SHOWN OPEN)

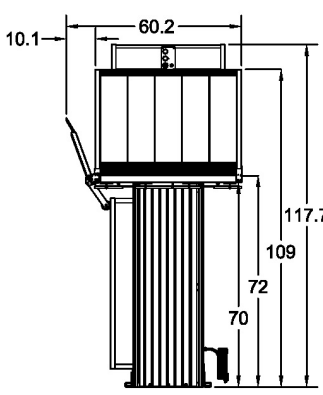


FIG. 72.2
(STRAIGHT PLATFORM
SHOWN CLOSED)

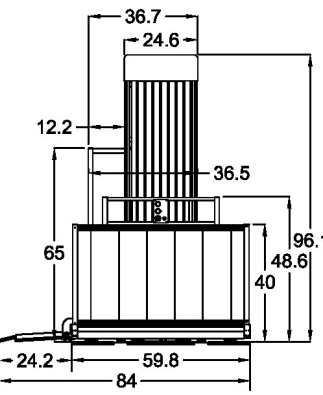


FIG. 72.3
(TURN PLATFORM
SHOWN OPEN)

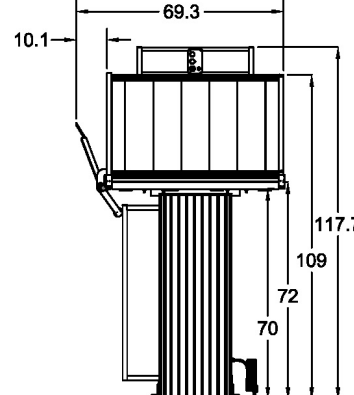
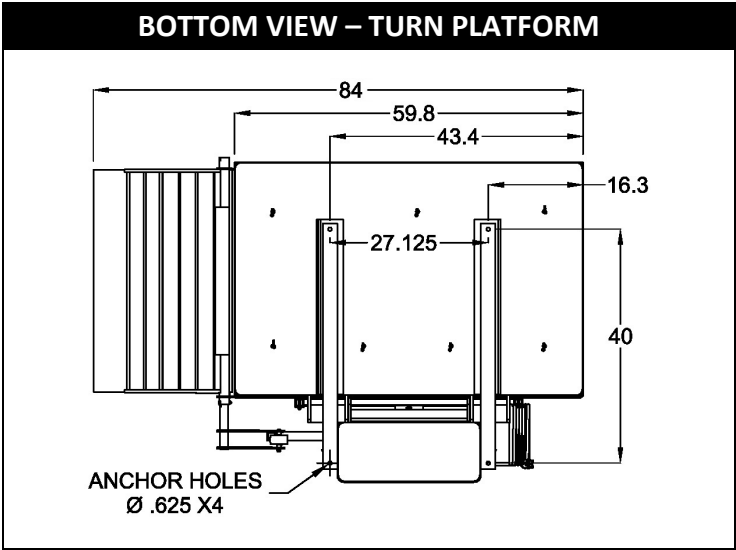
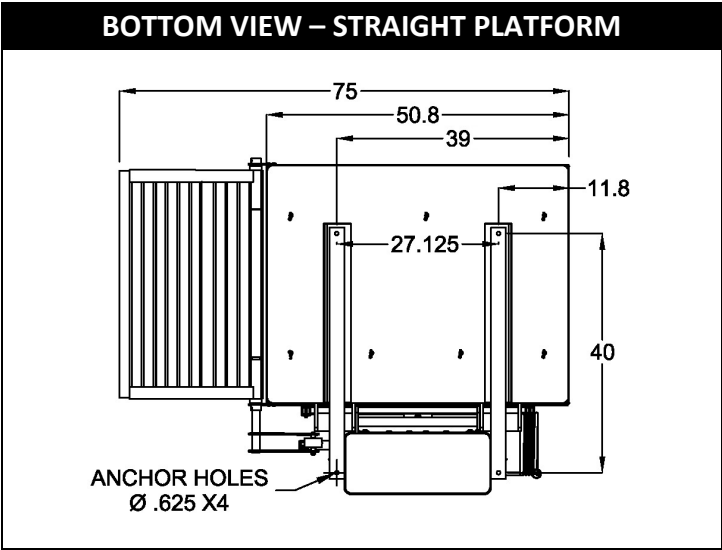
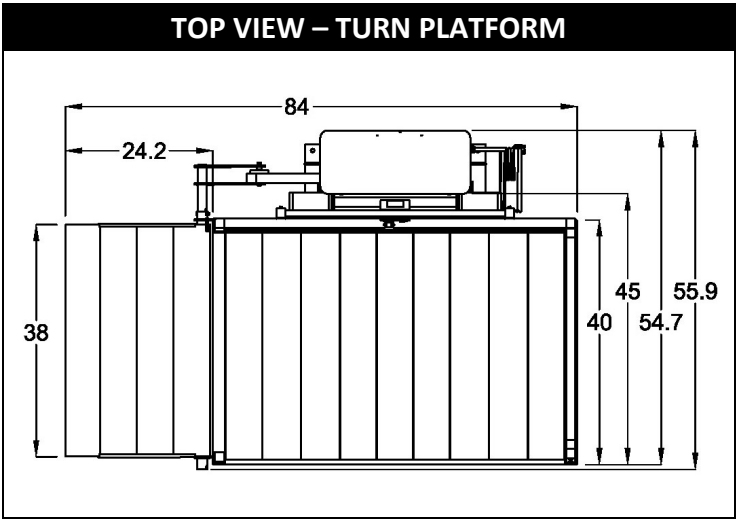
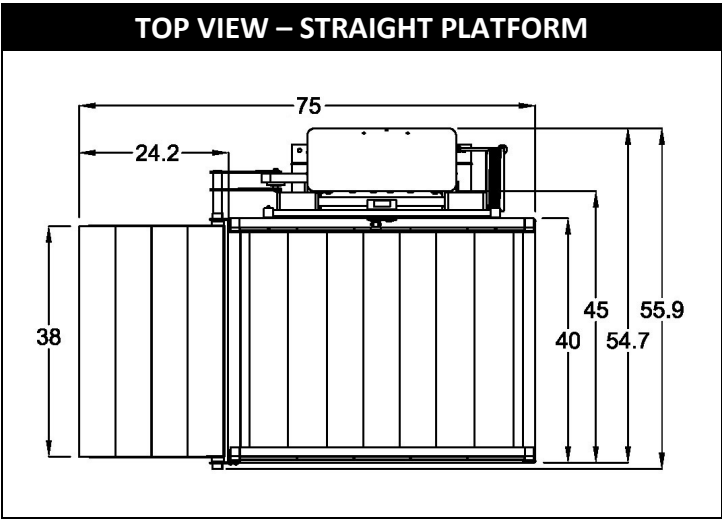


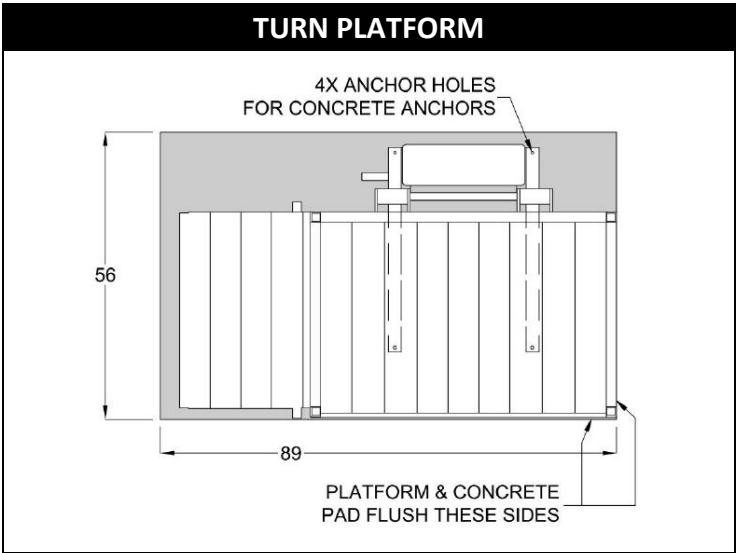
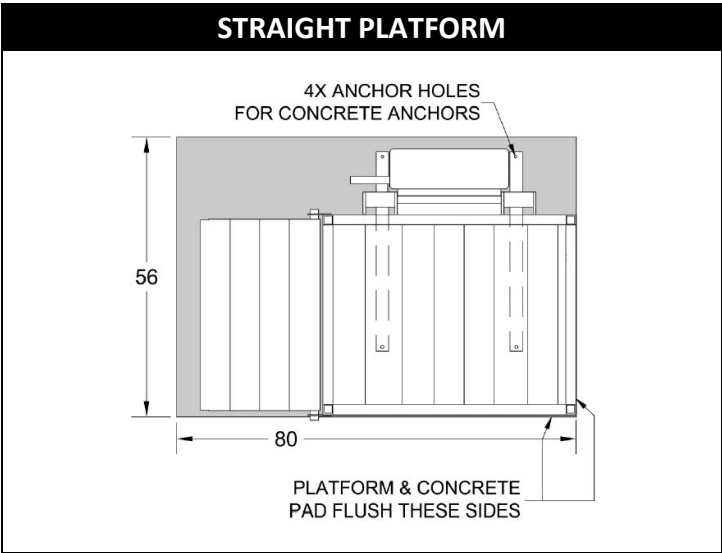
FIG. 72.4
(TURN PLATFORM
SHOWN CLOSED)

PLATFORM DIMENSIONS (TOP & BOTTOM VIEW)



REINFORCED CONCRETE PAD DIMENSIONS

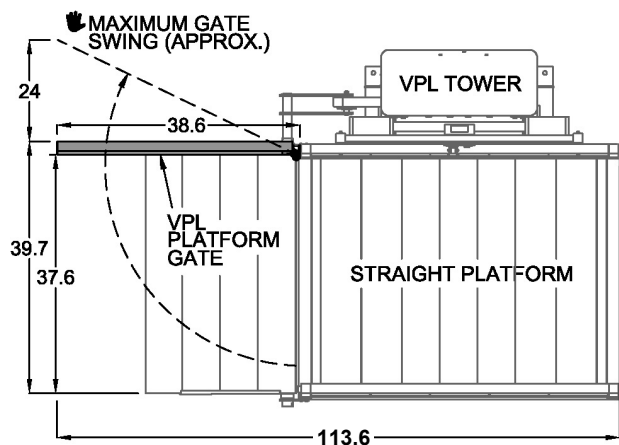
Turn platform dimensions can be used universally for straight or turn.



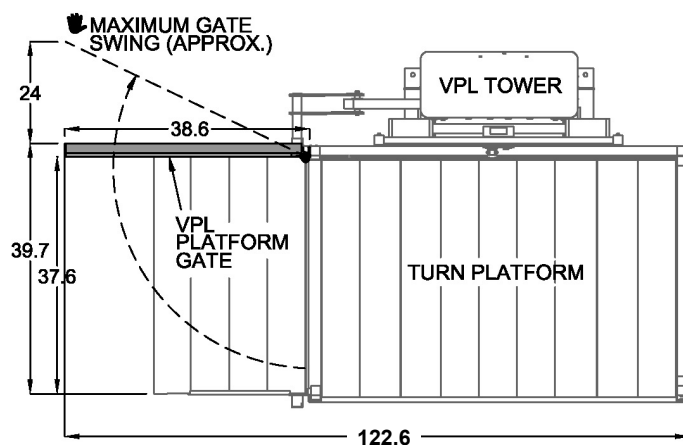
PLATFORM GATE DIMENSIONS

- ⚠ PLATFORM GATE DOES NOT LATCH (GATE HINGES ARE SPRING LOADED).
- ⚠ ENSURE MAXIMUM GATE SWING IS CONSIDERED DURING INSTALLATION AND USAGE EVALUATIONS. GATE SWING SHOWN BELOW IS APPROXIMATE; INSTALLING CONTRACTOR TO FIELD-VERIFY GATE SWING DIMENSIONS.

STRAIGHT PLATFORM W/ VPL PLATFORM GATE OVERALL DIMENSIONS (GATE SHOWN OPEN)

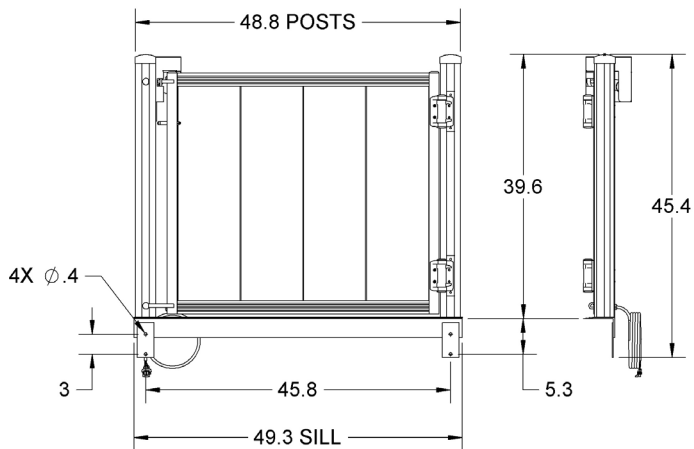


TURN PLATFORM W/ VPL PLATFORM GATE OVERALL DIMENSIONS (GATE SHOWN OPEN)



TOP LANDING GATE DIMENSIONS

FRONT & SIDE VIEW (GATE SHOWN CLOSED)



TOP VIEW (GATE SHOWN OPEN)

