



Genesis Opal

Unenclosed Vertical Platform Lift

Technical Information

Specifications

Rated Load	Rated Load of 340 kg (750 lbs)
Platform size	Standard: 914mm x 1242mm (36" x 48 7/8"). Optional: Mid-Size Platform: 914mm x 1394mm (36" x 54 7/8") Large Platform: 1100mm x 1546mm (43 1/4" x 60 7/8")
Configuration	Standard: Straight through entry/exit Optional: 90° entry/exit
Controls	Up/Down continuous pressure directional controls
Warranty	Standard: 2 years Optional: Warranty extension of 1 year (3 years total) or 5 years (7 years total)
Accessories	Standard: Keyless operation. Grabrail on platform side wall. Audible Illuminated Emergency Stop/Alarm Switch Optional: Autodialer phone. Emergency battery lowering (Leadscrew drive only). Illuminated and tactile directional buttons. Power gate operator. Keyed call station and platform controls. Stationary loading ramp or platform mounted automatic folding ramp for installations without a pit. Electrical disconnect
Drive System	Standard: Leadscrew: 2 HP motor, travel speed at 3 meters (10 ft) per minute. Hydraulic: 3 HP motor Continuous Mains Powered with an auxiliary power system. Lift travels at 5.2 meters (17 ft) per minute. Optional: Hydraulic (full time battery operation): 3 HP 24VDC hydraulic motor lifts the platform at 5.2 meters (17 ft) per minute.

Power Requirements

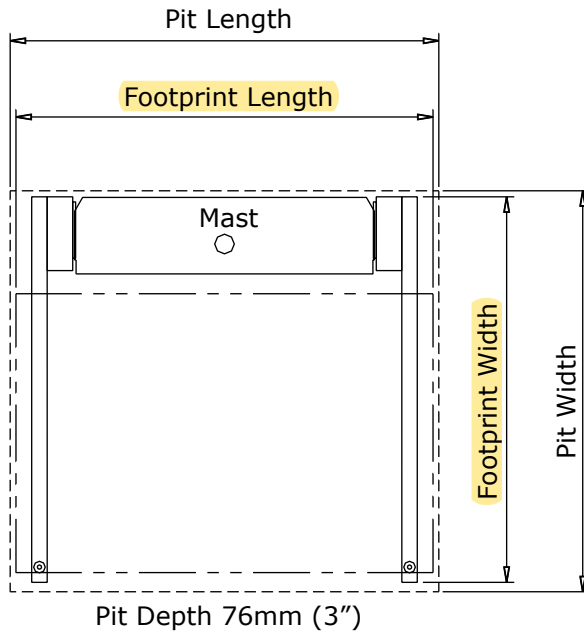
Leadscrew	(Limited to residential use in Canada) North America: 120 VAC single phase on a dedicated 20 amp circuit International: 208-240 VAC single phase on a dedicated 16 amp circuit
Hydraulic	North America: 120 VAC single phase on a dedicated 15 amp circuit International: 208-240 VAC single phase on a dedicated 15 amp circuit

Finishes

Steel panels and framework are finished with electrostatically applied baked Silver Moon paint. The panels, gates and mast are framed with Silver Moon aluminum extrusions (optional colours available)

Dimensions

Footprint / Clearance



If a pit is used, recommended depth is 76mm (3"). Pit width and length include running clearances.

Straight Through Entry / Exit

Platform Size	Footprint Width		Footprint Length		Pit Width		Pit Length	
	mm	in	mm	in	mm	in	mm	in
Standard	1258	49 1/2	1296	51	1319	52	1334	52 1/2
Mid -Size	1258	49 1/2	1448	57	1319	52	1493	58 1/2
Large *	1445	56 7/8	1600	63	1508	59 3/8		64 1/2
90° Entry / Exit								
42 x 60 - 90° Entry / Exit	1386	54 5/8	1606	63 1/4	1405	55 3/8	1689	66 1/2
Large	1445	56 7/8	1600	63	1464	57 5/8	1683	66 1/4

* Large platforms exceed maximum allowable platform size permitted by ASME A18.1



Garaventa Lift

T 800 663 6556 (toll free North America)

E info@garaventalift.com · I www.garaventalift.com

Authorized Garaventa Lift Representative

© Garaventa Lift. As we are continuously improving our products, specifications outlined in this brochure are subject to change without notice.



15806-U-PB-EN

Mast Sizes

The mast size required for a particular site is determined by the vertical distance between the upper and lower landings.

When the site is measured, the lift height "H" is always defined as the distance from the lower finished floor or bottom of pit to the finished floor of the upper landing as shown in the diagram below. If the lift is

to be mounted directly on the surface of the lower landing and an entry ramp (stationary or folding) is used, then "H" equals the elevation change between the upper and lower landings. If the lift is pit mounted, then the measurement "H" is 76mm (3") greater than the elevation change between landings. This measurement is crucial so be certain the height you provide is accurate.

Based on the measured value of "H" the drive mast is selected as follows;

Mast Size	Max. "H" Value	Mast Structure Height	Mast Tieback Height
GVL - 42	1143mm (45")	1737mm (68 3/8")	1572mm (61 7/8")
GVL - 60	1600mm (63")	2194mm (86 3/8")	2029mm (79 7/8")
GVL - 72**	1905mm (75")	2498mm (98 3/8")	2333mm (91 7/8")
GVL - 96**	2515mm (99")	3108mm (122 3/8")	2943mm (115 7/8")

The standard width of all masts is 998mm (39 1/4").

** Not compliant to US code for commercial use. ASME A18.1 allows unenclosed lifts for up to 60" of travel in commercial applications.

