

VERTICAL PIVOT LIFT GATE AND OPERATOR SPECIFICATIONS



OPERATOR:	Meets UL 325 Specifications (2001) CSA Certified CAN/CSA – C22.2 No. 247 (2011)
OPERATOR CONSTRUCTION:	Frame: 2" Sq., 11 Ga. (.120) Steel Tubing Cabinet Exterior: 18 Ga. Galvaneal Sheet Metal powder coated Black (Custom Color is available with optional gate color matching) Mounting Pads: 304 SS
OPERATOR SIZE:	Model: VPL-24 Length: 68" Height: 51" Width: 30"
DUTY CYCLE:	Continuous.
POWER SUPPLY:	120VAC – Single Phase (15 amp) service (240 VAC, 10 amp option) 24v DC Back-up power with 2 - 12v Batteries. Batteries required but NOT included.
POWER MAINTENANCE:	24v Built-In Battery Maintainer "Over-Charge" protection built-in.
CONTROL CIRCUITRY:	Solid state coated Control Board in NEMA 4x weatherproof electrical enclosure. Sealed Proximity Switches ensure weather & moisture-proof integrity (Boards tested to –40° F).
CONTROL WIRING:	16 & 18 Ga. single conductor. Copper w/electrolytic copper compression terminals tin-plated for maximum corrosion prevention.
GEAR MOTOR:	Horse Power: 1/3 Gear Type: Hardened Steel Bearing Type: Ball Gear Lube: Exxon Mobile 600 synthetic) OPEN / CLOSING CYCLES: Standard: 10 – 12 seconds High Speed : 6-8 seconds
DELAYED CLOSING:	Adjustable from 0 – 60 seconds on standard VPL
OBSTRUCTION SENSOR:	Adjustable IRD (Instant Reversing Device) senses obstructions opening or closing.
SEC. BREACH PROTECTION:	24v built-in System Brake when 120v or battery power is present.
REVERSING EQUIPMENT:	Optional Reversing/Safety Loop, Leading Reversing Edge, Infrared Reversing Beams, Siren or Optical Operated Sensors.
COMPATIBLE CONTROLS:	Keypad, Card Reader, Intercom, RFID, Telephone, Wireless & Siren or Optical Operated Sensors.
GATE CONSTRUCTION:	12' – 20' 2" Sq., 11 Ga. (.120) Steel Tubing. Over 20', 2 1/2" Sq., 7Ga. (.187) Aluminum Tubing
CHAIN LINK CONSTRUCTION:	2-3/8", Sch. 40 & Sch. 20 Galvanized Steel Tubing 9 Ga. Galv. Fabric from 12' up to 22' 2-3/8", Sch. 80, 40 & 20 6061 Aluminum Tubing 9 Ga. Alum. Fabric over 22' up to 24'
GATE LENGTHS:	10' – 24' (Consult factory for gates over 24').
GATE HEIGHTS:	4' – 8' from pad grade. Consult factory for gates over 8' high. (Gates over 8' will require special crating & freight arrangements).
PAINT:	Diamond Vogel water based paint on Gates. Standard Gate colors are black, white, gray, brown, & green. Custom colors available with a RAL# or supplied color sample. Exceeds 1000 salt spray hours.
GATE HARDWARE:	Mounting hardware is 304 Stainless Steel
ALUMINUM PICKET CONSTRUCTION:	3/4" Sq. Aluminum Tubing.(STD) Consult factory for special sizes and spacing.
STEEL PICKET CONSTRUCTION:	3/4" Sq. Ga. Galvanized Steel tubing.(STD) Consult factory for special sizes and spacing.
WINDBRACING:	(Cable) 75 mph design, 1/4" aircraft coated cable 16'-20'. (Rigid Masted) Alum over 20',compliant with IBC Section 1609.6 Simplified Wind Load Method for 90 MPH wind loading and the 150 MPH hurricane wind loading.
DOUBLE GATES:	Control Panel can be set to accommodate 2nd Operator or Sallie Port with another Operator (Optional Add).
SHIPPING WEIGHT:	Typical VPL-24 Operator with 6' high x 16' long Buckeye style gate = 1,200 lbs. crated weight.
WARRANTY:	Res. = Five (5) Years / Comm. = Three (3) years from date of shipment on manufactured components and workmanship. Purchased components and accessories are covered under their respective warranties (See full Warranty for details.)