



Vertical Pivot Gate & Operator Specifications



MODEL:	VPG-24
LISTING:	UL 325 Listed / CSA Listed CAN/CSA—C22.2 No. 247
OPERATOR:	Dual belt/high torque reduction system. Counter balanced. Safety locking pins used during preventative maintenance to negate vertical and horizontal movement.
OPERATOR CONSTRUCTION:	Frame: 2" Sq., 11 Ga. (.120) Steel Mounting Pads: 304 SS Skins: 18 Ga. Galvaneal Sheet
OPERATOR SIZE:	Type: VPG-24 Length: 68" Height: 51" Width: 30"
PAINT:	PPG Commercial Coating 2-part High Solids Polyurethane: Standard colors: Black, White, Brown, Green & Gray. Custom colors available.
DUTY CYCLE:	Continuous.
POWER SUPPLY:	120VAC-Single Phase (15 or 20 Amp) service (Optional: 240 VAC, 10 Amp) with 24v DC battery back up. (2) Group 24, 12v, Marine Starting, sealed batteries required (NOT INCLUDED!)
POWER MAINTENANCE:	24v built-in battery maintainer keeps batteries charged for built-in battery back-up. "Over-Charge" protection built-in.
CONTROL CIRCUITRY:	Solid state coated control board in electrical enclosure. Sealed proximity switches ensure weather and moisture proof integrity. (Boards tested to -40° F).
CONTROL WIRING:	16 & 18 Ga. single conductor. Copper w/electrolytic copper compression terminals tin-plated for max corrosion prevention.
GEAR MOTOR:	Horse Power: 1/3 Gear Type: Hardened steel Bearing Type: Ball Gear Lube: Dextron II
OPEN / CLOSING CYCLES:	Standard Speed: 10 – 12 seconds
DELAYED CLOSING:	Adjustable from 0 – 60 seconds.
OBSTRUCTION SENSOR:	Adjustable IRD senses obstructions opening or closing.
SECURITY BREACH PROTECTION:	24V built in system brake when 120v or battery power is present.
REVERSING EQUIPMENT:	Optional Reversing/Safety Loop, Leading Reversing Edge, and Infrared Reversing Beams.
OPTIONAL ACCESSORIES:	Access controls, solar power, operator gear motor heater, extreme cold weather package, MUTCD reflective tape, warning lights, audible devices and emergency options (SOS/Opticon/Click-2-Enter).
GATE CONSTRUCTION:	12' - 20': 2" Sq., 11 Ga. (.120) Steel Tubing. Over 20': 2 1/2" Sq., 7 Ga. (.187) Aluminum Tubing
CHAIN LINK CONSTRUCTION:	2 3/8", Sch. 40, 20 & 2" x .065" Galvanized Steel Tubing 9 Ga. Galv. Fabric from 12' up to 22' 2 3/8", Sch. 80, 40 & 2" x 1/8" 6061 Aluminum Tubing 9 Ga. Alum. Fabric over 22' up to 25'
GATE LENGTHS:	10' - 25' (Consult factory for gates over 25')
GATE HEIGHTS:	4' - 8' from pad grade (Barracuda 3'-4'). Consult factory for gates over 8' high. Gates over 8' will require special crating and freight arrangements.
PICKET CONSTRUCTION:	Steel: 3/4" Sq. 18 Ga. Galv. Steel Tubing is standard. Aluminum: 3/4" Aluminum Tubing, 1/8" Wall is standard. Note: Consult factory for special sizes, spacing, and custom materials.
GATE HARDWARE:	Gate mounting hardware is 304 stainless steel
WIND BRACING:	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 Board can be set to accommodate control of a 2nd Operator or Sally Port with another Operator.
SHIPPING WEIGHT:	Typical VPG-24 Operator with 6' high x 20' long picket style gate = 1,600 lbs.
WARRANTY:	Residential: Five (5) years. Industrial/Commercial: 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)

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