



VERTICAL PIVOT CRASH GATE SYSTEM AND OPERATOR SPECIFICATIONS



MODEL:	VPL-CB24-30
RATING:	ASTM F2656-07 M30/P1 (DOS K4/L3) Stops a 15,000 lb. vehicle traveling 30 mph in under 1 meter.
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 Skins: 18 Ga. Galvaneal Sheet Doors: 14 Ga. Galvaneal Sheet with three point locks
OPERATOR SIZE:	Type: VPL-CB-24 Length: 68" Height: 51" Width: 36"
PAINT:	Diamond Vogel water based paint on drop arm/gate panel. Standard colors: Black, White, Brown, Green & Gray. Custom colors available. Operator cabinet is powder coated black.
DUTY CYCLE:	Continuous.
POWER SUPPLY:	120V-3 Amp with 24v DC battery back up. (2) Group 24, 12v , Deep cycle, 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 NEMA 4x weatherproof 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 maximum corrosion prevention.
GEAR MOTOR:	Horse Power: 1/3 Gear Type: Hardened steel Bearing Type: Ball Gear Lube: Mobile Gear 600 XT320
OPEN / CLOSING CYCLES:	Standard Speed: 12 – 14 seconds. Fast Operation: 7 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, Contact Sensors, and Infrared Reversing Beams.
OPTIONAL ACCESSORIES:	Access controls, solar power, operator gear motor heater, extreme cold weather package, MUTCD or SDDCTEA reflective tape, warning lights and audible devices.
ORNAMENTAL GATE CONSTRUCTION:	Aluminum tubing with high strength synthetic ropes contained in aluminum housing. 2" Sq., 11 Ga. (.120) Aluminum Tubing
PICKET CONSTRUCTION:	3/4" Sq. Aluminum Tubing, 1/8" Wall
CHAIN LINK CONSTRUCTION:	Frame: 2-3/8" , Sch. 20 Tubing Fabric: 9 Ga. Aluminum
GATE LENGTHS:	Full size gate: Clear drivable open up to 17' Barrier Arm Only (no gate): Clear drivable open up to 20'
GATE HEIGHTS:	5' - 9' from pad grade. Gates over 8' will require special freight arrangements.
GATE HARDWARE:	Gate mounting hardware is 304 stainless steel
FOUNDATION:	54" Deep foundation design including 8" tubular steel bolsters. Bolster weight = 1500 lbs./ea
SHIPPING WEIGHT:	Typical VPL-CB-24 Operator with 6' high x 15' long picket style gate and bolsters approximate weight = 4700 lbs.
WARRANTY:	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)

AutoGate, Inc., 7306 Driver Rd., PO BOX 50, Berlin Heights, Ohio 44814

www.AutoGate.com

800-944-4283

Sales@AutoGate.com