



VERTICAL PIVOT CRASH GATE SYSTEM AND OPERATOR SPECIFICATIONS



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| MODEL: | VP-CB-M30 |
| 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: VP-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 bolters. 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) |

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