



# STANDARD FOUNDATION VERTICAL PIVOT CRASH BARRIER SYSTEM SPECIFICATIONS



<b>MODEL:</b>	M50 VP-CB
<b>RATING:</b>	ASTM F2656 M50/P1 (DOS K12/L3) Stops a 15,000 lb. vehicle traveling 50 mph in under 1 meter.
<b>OPERATOR:</b>	Dual belt/high torque reduction system. Counter balanced. Safety locking pins used during preventative maintenance to negate vertical and horizontal movement.
<b>OPERATOR CONSTRUCTION:</b>	<b>Frame:</b> 2" Sq., 11 Ga. (.120) Steel <b>Skins:</b> 18 Ga. Galvaneal Sheet <b>Doors:</b> 14 Ga. Galvaneal Sheet with three point locks
<b>OPERATOR SIZE:</b>	<b>Type:</b> VP-CB-24 <b>Length:</b> 68" <b>Height:</b> 51" <b>Width:</b> 36"
<b>PAINT:</b>	Standard colors: Black, White, Brown, Green & Gray. Custom colors available.
<b>DUTY CYCLE:</b>	Continuous.
<b>POWER SUPPLY:</b>	120V AC with 24v DC battery back up. (2) Group 24, 12v , Marine Starting, sealed batteries required, <b>NOT</b> included.
<b>POWER MAINTENANCE:</b>	24v built-in battery maintainer keeps batteries charged for built-in battery back-up. "Over-Charge" protection built-in.
<b>CONTROL CIRCUITRY:</b>	Solid state coated control board in electrical enclosure. Sealed proximity switches ensure weather and moisture proof integrity. (Boards tested to -40° F).
<b>CONTROL WIRING:</b>	16 & 18 Ga. single conductor. Copper with electrolytic copper compression terminals tin-plated for maximum corrosion prevention.
<b>GEAR MOTOR:</b>	<b>Horse Power:</b> 1/3 <b>Gear Type:</b> Hardened steel <b>Bearing Type:</b> Ball <b>Gear Lube:</b> Dextron II
<b>OPEN / CLOSING CYCLES:</b>	<b>Standard Speed:</b> 12 – 14 seconds.
<b>DELAYED CLOSING:</b>	Adjustable from 0 – 60 seconds.
<b>OBSTRUCTION SENSOR:</b>	Adjustable IRD senses obstructions opening or closing.
<b>SECURITY BREACH PROTECTION:</b>	24V built in system brake when 120v or battery power is present.
<b>REVERSING EQUIPMENT:</b>	Optional Reversing/Safety Loop, Leading Reversing Edge, and Infrared Reversing Beams.
<b>OPTIONAL ACCESSORIES:</b>	Access controls, solar power, operator gear motor heater, extreme cold weather package, MUTCD or SDDCTEA reflective tape warning lights and audible devices.
<b>ORNAMENTAL GATE CONSTRUCTION:</b>	Aluminum tubing with high strength synthetic ropes contained in aluminum housing. 2" Sq., 11 Ga. (.120) Aluminum Tubing
<b>PICKET CONSTRUCTION:</b>	3/4" Sq. Aluminum Tubing, 1/8" Wall
<b>CHAIN LINK CONSTRUCTION:</b>	<b>Frame:</b> 2-3/8" , Sch. 20 Tubing <b>Fabric:</b> 9 Ga. Aluminum
<b>GATE LENGTHS:</b>	<b>Full size gate:</b> Clear drivable open up to 15' <b>Barrier Arm Only (no gate):</b> Clear drivable open up to 17'
<b>GATE HEIGHTS:</b>	5' - 9' from pad grade. Gates over 8' will require special crating & freight arrangements.
<b>GATE HARDWARE:</b>	Gate mounting hardware is 304 stainless steel
<b>FOUNDATION:</b>	66" Deep foundation design including 12" tubular steel bolsters. Bolster weight = 2500 lbs./ea
<b>SHIPPING WEIGHT:</b>	Typical VPL-CB-24 Operator with 6' high x 15' long picket style gate and bolsters approximate weight = 6700 lbs.
<b>WARRANTY:</b>	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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