



# Product Specifications

## The Shield<sup>®</sup>

### DOS K-12 Rated Full Size Security Gate

#### Model: VPL-CB-24-K12

<b>RATING:</b>	K-12. Stops a 15,000 lb. vehicle traveling 50 mph.		
<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>OPERATOR SIZE:</b>	<b>Type:</b>	<b>VPL-CB-24</b>	<b>Length:</b> 68" <b>Height:</b> 51" <b>Width:</b> 36"
<b>PAINT:</b>	Sherwin-Williams Polane <sup>®</sup> polyurethane enamel. Standard colors: Black, White, Brown, Green & Gray. Custom colors available.		
<b>DUTY CYCLE:</b>	Continuous.		
<b>POWER SUPPLY:</b>	120V-3 Amp with 24v DC battery back up. (2) 12v 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 NEMA 4x weatherproof 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 w/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 E ATF (Rated to -70° F)
<b>OPEN / CLOSING CYCLES:</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, power plug for generator, operator heater, siren or optical operated sensors.		
<b>GATE CONSTRUCTION:</b>	Aluminum tubing with high strength synthetic ropes contained in aluminum housing. 2" Sq., 11 Ga. (.120) Aluminum Tubing		
<b>CHAIN LINK CONSTRUCTION:</b>	2-3/8", Sch. 40 & Sch. 20 Tubing		9 Ga. Aluminum Fabric
<b>PICKET CONSTRUCTION:</b>	3/4" sq. Aluminum Tubing		
<b>GATE LENGTHS:</b>	<b>Full size gate:</b>	Clear opening to 15'	<b>Barrier Arm only:</b> Clear opening 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>	Deep foundation design with heavy duty 12" tubular steel bolsters.		
<b>SHIPPING WEIGHT:</b>	Typical VPL-CB-24 Operator with 6' high x 15' long Buckeye style gate = 1800 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).		