



Product Specifications

The Shield[®]

DOS K-4 Rated Full Size Security Gate

Model: VPL-CB-24-K4

RATING:	K-4. Stops a 15,000 lb. vehicle traveling 30 mph.		
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	
OPERATOR SIZE:	Type:	VPL-CB-24	Length: 68" Height: 51" Width: 36"
PAINT:	Sherwin-Williams Polane [®] polyurethane enamel. Standard colors: Black, White, Brown, Green & Gray. Custom colors available.		
DUTY CYCLE:	Continuous.		
POWER SUPPLY:	120V-3 Amp with 24v DC battery back up. (2) 12v 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: Dextron II E ATF (Rated to -70° F)
OPEN / CLOSING CYCLES:	12 – 14 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, power plug for generator, operator heater, siren or optical operated sensors.		
GATE CONSTRUCTION:	Aluminum tubing with high strength synthetic ropes contained in aluminum housing.		
	2" Sq., 11 Ga. (.120) Aluminum Tubing		
CHAIN LINK CONSTRUCTION:	2-3/8", Sch. 40 & Sch. 20 Tubing		9 Ga. Aluminum Fabric
PICKET CONSTRUCTION:	3/4" sq. Aluminum Tubing		
GATE LENGTHS:	Full size gate:	Clear opening to 17'	Barrier Arm only: Clear opening to 20'
GATE HEIGHTS:	5' – 9' from pad grade. Gates over 8' will require special crating & freight arrangements.		
GATE HARDWARE:	Gate mounting hardware is 304 stainless steel.		
FOUNDATION:	Deep foundation design with heavy duty 8" tubular steel bolsters.		
SHIPPING WEIGHT:	Typical VPL-CB-24 Operator with 6' high x 15' long Buckeye style gate = 1700 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).		