



Model VP & VP-2 Vertical Pivot Gate Systems

- Unique design eliminates the need for tension springs and cables
- Continuous duty operation
- Positive hydraulic locking in open and closed positions
- Custom gate sizes available
- Safe 24V control circuitry standard
- True battery back-up available
- Ease of installation and maintenance

Security for Unique Applications

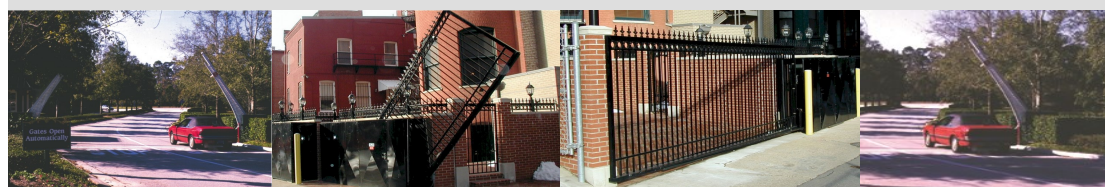
Due to their unique design, B&B ARMOR's Vertical Pivot Gates are the perfect solution for areas with limited space for horizontal movement of a slide gate and where overhead obstructions are not an issue. Vertical pivot gates are preferred over traditional sliding gates in areas with heavy snowfall where snow drifts can inhibit the sliding gates operation. Operated with PLC controls, B&B ARMOR's Vertical Pivot Gates are easily integrated with most access control components.

Utilizing a unique counterbalance system instead of springs, these vertical pivot gates use minimal hydraulic force to actuate the gate panel. The self contained hydraulic system features a pressure sensor that is monitored by the PLC displaying the operating pressure on the built in LCD display.

The Model VP Vertical Pivot Gates are customizable up to 24 feet (7.3m) wide

and 8 feet (2.4m) tall. The operating time is field adjustable from 15-20 seconds for a full 90-degree rotation. The VP-2 series operators will accommodate custom gate panels up to 17 feet (5.2 m) long by 30 inches (.76 m) in height.

B&B ARMOR's VP and VP-2 Series gate operators are capable of being controlled by a wide range of accessories, from simple push button stations to complex access control systems. They are also available with full time battery back-up systems, variable speed control and customizable gate panels. Because of their robust design and ease of integration, the B&B ARMOR VP and VP-2 Series Vertical Pivot Gates have been trusted to secure facilities around the world.



Model VP and VP-2 Vertical Pivot Gate System

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Available Models	Drive Design	Operating Time	Gate Opening
VP Vertical Pivot Gate Operator	Hydraulic	15-20 Seconds *	Up to 24' **
VP2 Vertical Pivot Gate Operator	Hydraulic	8-12 Seconds *	Up to 17' **

Features	VP	VP-2
Inherent Entrapment Sensing	√	√
PLC Controls	√	√
Master / Slave Standard	√	√
Built In Three Button Control Station	√	√
Loop Detector	Option	Option
Master and Remote Control Panel	Option	Option
Release for Manual Operation	Option	Option
Heater	Option	Option
Traffic Light with Pole	Option	Option
LED Light Kit	Option	Option

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* Operating time depends on gate length.
** Custom arm lengths available.



Model VP2 with Custom Gate Panel



Model VP with Ornamental Gate Panel



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As a premier provider of high security gates and barriers for perimeter protection and control, B&B ARMR is well positioned to serve our clients with unparalleled product offerings for commercial and industrial applications. For further information call us at 800-367-0387, or visit our website at www.bb-armr.com.