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Model VP/VP2 Vertical Pivot Gate Systems

- Unique design eliminates the need for tension springs and cables
- Continuous-duty operation
- Single-phase or three-phase continuous-duty TEFC motor
- Positive hydraulic locking in open and closed positions
- Safe 24V control circuitry standard
- True battery back-up available
- Designed for simple installation and maintenance routines

Perimeter Protection for Unique Applications

Due to their unique design and operation, B&B ARMR's Model VP Vertical Pivot Gates are the perfect solution for areas with limited horizontal space or for any high security application where swing and slide gates are not feasible and there are no overhead obstructions. In areas with heavy snowfall, vertical pivot gates are preferred over standard sliding gates where snow drifts may inhibit operation. Space-conscious and designed for continuous duty, B&B ARMR's vertical pivot gates are easily integrated into a facility's comprehensive access control system.

Utilizing a counterbalance system instead of springs, the vertical pivot gates use minimal hydraulic forces to actuate the gate panel. The self-contained hydraulic system features an oil-filled pressure gauge to easily

monitor pressure and a valve block to prevent drift. The hydraulic cylinder is self-adjusting for wear compensation and can sustain pressure of 2,500 psi and continuous torque of 3,375 psi.

The Model VP vertical pivot gates are customizable up to 24 feet (7.3 m) wide by 8 feet (2.4 m) tall and have a field adjustable rate of 16 to 20 seconds for a full 90-degree rotation. The gate panels are securely attached to the operator by a pivot frame balanced at the factory according to the size and weight of the gate. The VP-2 series offers full time battery back-up, variable speed control, and is designed for facilitating vehicular travel with custom gate sizes up to 17 feet (5.2 m) by 30 inches (.76 m) high.

**Anti-Ram Barricades
Gate Operators
Perimeter Detection
Services Group**



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Model VP2 Beam in up position (left) and Model VP Gate in down position (right).

B&B ARMR's vertical pivot gate controller is capable of accepting inputs from a wide range of devices including reversing edges, photobeams, radio controls, loop detectors, PLCs or access control systems. The controller layout is designed so installations and maintenance routines may be centralized at one location for ease of use.

Securing the perimeter of your facility protects not only your assets, but your personnel as well, and B&B ARMR offers a full range of perimeter protection products built on more than 75 years of research and design experience.



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As the premier provider of high security gates and barriers for perimeter control, bridge and rail crossing, B&B ARMR Corporation is well positioned to serve our clients with unparalleled product offerings for commercial and institutional applications and customized, turnkey installation services. For further information about how B&B ARMR can provide customized, cost-effective crash rated barriers and parking control solutions, call us at 800-367-0387, or visit our website at www.bb-armr.com.

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