



## Viper Shallow Mount Wedge Barrier

**Concentric Security** is proud to offer the Viper Shallow Mount Wedge Barrier. The Viper is manufactured from heavy steel plate to distribute the impact energy. Installation requires only 16" excavation, about 3 cubic yards of concrete and no precast pit. The Viper is specially constructed to be a formidable defense in the advent of a threat from any vehicles.

### Unique Solutions to Solve Real Problems

- 41" High Raised Top Plate for Increased Security
- Creative Design Protects Hydraulics in an Impact
- Quick Operation Speed
- Minimal Concrete Required, Approximately 3 Yards
- Operational After Testing
- Shallow 16" Excavation
- No Concrete Reinforcement Required
- Easy to Maintain

#### Applications

- Access Control Points
- Commercial Entrances
- Military Installations
- Government Facilities
- Industrial and Petrochemical Facilities
- Heavy Traffic Entrances
- Data Centers





**Height:** Total raised height 41 inches  
**Width:** Alternate widths available  
**Composition:** Steel skirt manufactured in four sections.  
 Unique design of safety skirt ensures easy removal for maintenance.  
**Cabinet:** 47" high x 35" wide x 24" deep.  
 Steel sheet finished in white (alternative colors on request).  
**Mechanism:** Heavy duty motor.  
 Immersed pump.  
 Extra Heavy Duty solenoid valves (110VDC) for reliability & safety in operation.  
 Manual hand pump.  
**Interface:** Can interface with most access systems.  
**Duty Cycle:** 100%.  
**Normal Operating Speed:** 4-6 seconds.  
**Accumulator speed:** 1.5 seconds. (All times are approximate).  
**Power:** 240v/3 phase/60 Hz/20A or 480v/3 Phase/60Hz/10A  
**PLC Control Voltage:** 110vAC.  
**PLC Logic Voltage:** 24vDC.  
**Optional Accessories:** Traffic lights, intercom, transponder, transmitter, keypad, token/coin acceptors, proximity card, push button etc.  
**EFO (Emergency Safety/Security):** Option of inductive loops and photo beam.  
 Option of security cover to prevent unauthorized access to hydraulic systems.  
**Manufacture:** Galvanized finish.  
 Optional paint.  
**Performance:** ASTM F2656-07 M50-P1



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U.S. Reseller  
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