



High Velocity Magnetic  
Gate Operators

### **Model VM1220 HD**

**VM1220 - (208-240 VAC, 1 or 3-Phase)**

**Optimal performance for gate openings from 25'- 30+' and 1,200 lbs.+  
Includes heavy duty stop kit for heavier gates and longer openings.**

- Linear Induction Motor (LIM) gate operator (Variable 3.0 / 5.0 HP)
- Programmable operating speeds from 1 to 8 FPS (Independent programming for OPEN & CLOSE)
- (2) Adjustable heavy duty physical stops for single or dual track gates
- Operators include Reaction Fins and mounting hardware for clear openings up to 20 ft.
- Additional sections of Reaction Fin added for openings exceeding 20 ft.
- Optional V UPS "Uninterruptible Power Supply," equipment and finishes
- 5-Year limited warranty (Parts & Workmanship)
- UL-325 listed for Class III & IV applications
- May be used for gate openings exceeding base specifications (call for sales consultation)

Step-up transformers may be necessary depending on available power and the desired level of performance. Installation of external entrapment protection devices required to meet UL-325 and industry safety guidelines.

#### **Linear Induction Motors**

Type: Linear Induction with internal thermal protection

Winding Insulation: Class H 1800C (3550F)

Class F 1550C (3100F)

Protection class: IP60

#### **Required Electrical Supply**

VM1220 \* 208-240 VAC, 1 or 3 Ph, 50-60 Hz, 20 A Ckt. (30 A Ckt Required for V UPS)

*\* Model selection is based on gate mass, size of opening and desired level of performance.*

#### **Shipping Specifications – (Complete Operator Package): VM12XX, VM14XX\***

Complete operator package for standard 20' opening includes LIM assembly, control cabinet and (3) full RF1 reaction fins, (1) RF1RHK right hand end kit, (1) RF1LHK left hand end kit, (6) HB1 hangar brackets and all necessary mounting hardware.

Operator Pallet: (L x W x H) 42" x 42" x 19", Wt.: 425 lbs.

Reaction Fin Pallet: (L x W x H) 86" x 10.5" x 17", Wt.: 200 lbs.

\* Add 20 lbs. to Operator Pallet for VM14XX models.

