INSTALLATION QUESTIONNAIRE

Please submit a separate form for each installation and submit to: **Patrick O'Connor pat@vmagtech.com**

Phone: 210 495-3000 fax: 210 455-1994

Date:_____

Customer Information:

Company:_____ **Contact**:_____ **Telephone or email**: _____

Location of job: _____ **Project Name**: _____

Proposed date of installation:_____ *(Please allow 6-8 weeks upon submittal of Purchase Order)*

Gate Information:

Overall length of gate:_____ **Gate type:** ☐Ground Track ☐Cantilever ☐Other ☐Box Frame *(Box frame and heavier gates require **VSTOPHD** kit)*

Length of opening: _____ **Gate material:** ☐Steel ☐Aluminum **Gate frame:** ☐Round ☐Square/Rectangular

Gate Manufacturer: _____ **Approximate weight**: _____ **Dual:** ☐Master/Slave *(requires Dual Option and communications cable)*

Gate Installation: ☐New ☐Existing **Operation:** ☐Standard ☐Vmag automation services for custom control of multiple gates

Usage Information:

Desired speed of operation for OPEN cycle :_____ **Desired speed of operation for CLOSE cycle** :_____

Estimated average number of gate cycles (open/close) - *total per day* :_____

Estimated average number of gate cycles (open/close) - *peak per hour* :_____

Electrical:

Available power: ☐208-240 VAC ☐440-480 VAC ☐Single Phase ☐Three Phase

(Proper grounding required and dedicated circuit should be stable with minimal voltage fluctuations)

Proposed Vmag Model:

☐ **VM1220** *(208-240VAC) (lighter gates i.e. aluminum frame up to 20' and 1200 lbs.)*

☐ **VM1420** *(440-480VAC) (heavier gates over 24' and 1,200 lbs.)*

Options:

☐ **P1** Programmer - one required for initial Vmag installation *(Programmer may be used on any Vmag installation)*
☐ **VMSSCC** Marine Grade 316 Stainless Steel Enclosure
☐ **RF1M** Additional Reaction Fins qty_____ Formula: (Opening Distance (ft.) + 6) / 6.58 = # of reaction fins required (*round up*)
☐ **VMHP** Heater package for controller
☐ **VMDEICE** Prevents ice buildup on reaction fin around the motor assembly (I/O Expansion Module required for this option.)
☐ **VMKA** Keep Alive Option *(Eliminates the need to re-learn during short power outages or generator back up switch over)*
☐ **VMUPS** Battery backup for VM1220. *(Standard or stainless enclosure available. Heater package should be considered for colder climates)*
☐ **VMDIK** Dual Option Kit *(For dual gate operation. Beldon 8102 communication cable to be provided by installer)*
☐ **VMER1** Emergency Remote Release
☐ **VSTOPHD** Heavy duty stop kit required for box frame and heavier gates
☐ **V ECLOSE** Emergency close with override of all safety devices. For specified high level security applications only. (I/O Expansion Module required for this option.)
☐ **V KLOCK** K-Lock Control Interface for operating OEM/3rd. party locking devices (I/O Expansion Module required for this option.)
☐ **CUSTOM** Custom Option to be specified: HD Stop Kit for single panel gates, special functionality or other requested feature for consideration.
Please include details for request: _____

Installation Consideration Checklist:

☐ Is there proper clearance for a Vmag operator?
☐ Is there appropriate entrapment protection as per ANSI/UL 325-2019?
☐ Is this installation for vehicular traffic only? *ANSI/UL 325-2019 mandates that pedestrian traffic must use a separate walkway gate.*
☐ If a backup generator is not used is there an alternate plan for vehicular access and emergency vehicles in the event of a power outage?
☐ Does the gate installation meet the ANSI/UL 325-2019 requirements for Class III or Class IV?
☐ Does the gate construction meet ASTM F2200? Contact the gate manufacturer for more info.

VMAG Operators are compliant with ANSI/UL 325-2019 standards when properly installed using compatible OEM safety & entrapment devices.