Low Voltage Controls Submittal

For Unheated Air Curtains

atmosphere is everything

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Part Number	Description	Applicable Series
INS-CTRL	Unit mounted 24v controller, unheated, up to 600v, 4 motor max	STD2/QP10/HV2*

* Not applicable for washdown, explosion proof and other severe duty applications.

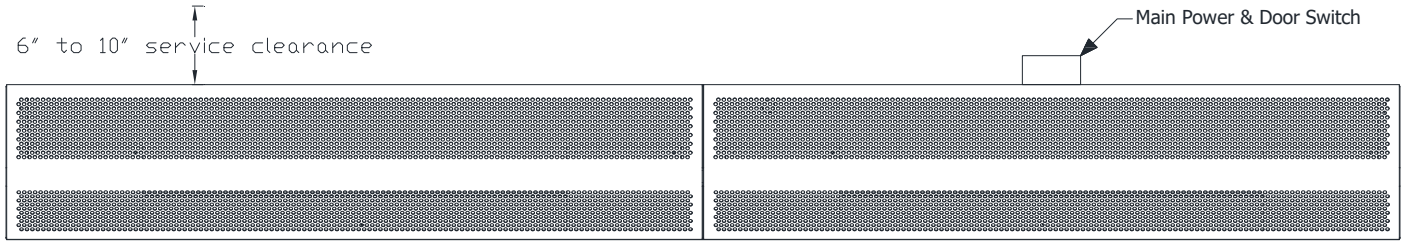
Standard Features:

- Designed to be compatible with unheated Mars Air Curtains (STD2/QP10/HV2)
- Air curtains with controller are ETL-certified to conform to UL 507 (US) and CSA 22.2 (Canada) standards
- Factory wired controller for single point connection
- Motor Fan Assemblies (MFA) are shipped loose
- Factory wired and installed junction box on the top of the air curtain cabinet. Minimum 6” service clearance required on top.
- Labeled wires provided to easily connect main power and door switch
- Includes step-down transformer (24Vac) with contactor
- 1-year parts warranty

Applicable Accessories:

- INS-TD, Adjustable Time Delay (1 sec to 17 min)
- INS-PS, Primary/Secondary control configuration for two units
- INS-SW, Unit mounted ON/OFF switch
- BMS-303, Building Management System (BMS) integration, Motor Monitor & Control
- RMT-SW, Remote mounted ON/OFF switch
- RMT-HOA, Remote mounted HAND-OFF-AUTO switch
- RMT-VSA, Remote mounted variable speed switch, ON/OFF, 120v, 1Ø, 1HP Max
- RMT-VSD, Remote mounted variable speed switch, ON/OFF, 208-230v, 1Ø, 1HP Max
- Door Switches
  - 99-014, Mechanical door switch
  - 99-018, Commercial surface mounted magnetic switch
  - 99-125, Industrial surface mounted magnetic switch
  - 99-124, Industrial floor mounted magnetic switch

INS-CTRL Field Wiring



Front

NOTE: MARS AIR SYSTEMS, LLC reserves the right to change specifications and product design without notice. Such revisions do not entitle the buyer to corresponding changes, improvements, additions, or replacements for previously purchased equipment.