



# MARS AIR CURTAINS = LESS COSTLY COLD STORAGE

## CHALLENGES IN COLD STORAGE UNIT OPERATION

- **High Spend** Sky-high utility bills
- **Compromised Equipment** Icing & condensation diminish unit performance
- **Safety Hazards** Slippery floors = safety hazards, worker slip and falls
- **Compromised Product** Temperature fluctuations that compromise products
- **Poor Solutions** Cloudy & dirty plastic strips don't protect
- **Early Equipment Failure** Evaporators and condensers fail early from heavy loads
- **Debris & Flying Pests** Debris and flying pests are threat from open doors = contaminate products



High-speed doors in cold storage realize better temperature-loss protection when amplified with Mars protective barrier

## LESS COSTLY OPERATIONS AND BETTER TEMPERATURE CONTROL

- **Eliminate Icing & Condensation** Mars' ability to reduce icing and condensation protects goods and extends the life of the equipment while contributing to controlling pathogens, fungus and mold.
- **Extend Lifespan of Evaporators & Condensers** Doing its part to maintain interior temperatures, Mars reduces the burden on evaporators and condensers to extend their life and minimize service calls.
- **Eliminate Hazardous Slippery Floors** Dripping moisture and hazardous slippery floors are eliminated with the powerful air stream of Mars protection.
- **Reduce Utility Bills** Lower the utility spend with the invisible barrier protection of Mars that works to keep costly treated air inside the unit even when loading requires wide open doors.
- **Eliminate Plastic Strip Curtains** Ineffective, dirty, cloudy strip curtains can be relegated to the past with an today's effective Mars air curtain solution.
- **Protect Product Integrity** Shelf life extends and product quality never diminishes when temperature fluctuations are eliminated with the Mars protective shield.
- **Shut Out Flying Pests and Debris** Keep flying pests and debris out and conditioned air in.

## ENTRY & RECEIVING DOOR & PASS-THRU WINDOWS



STD2 (Standard)

### LPV2 (LoPro2)

- Mounting height up to 7'-8'
- Available in Unheated, Electric, & Hot Water/Steam Heat
- Variable Speed Controller
- Low Profile

### STD2 (Standard 2)

- Mounting height up to 10'-12'
- Available in Unheated, Electric, & Hot Water/Steam Heat
- AMCA Certified (Unheated & Electric Heat)

## SPECIALTY ENTRY & RECEIVING DOORS

### PH (Phantom)

- Mounting height up to 10'-16'
- Available in Unheated, Electric, & Hot Water/Steam Heat
- Recessed mount
- AMCA Certified (Unheated & Electric Heat)

### QP (QuietPro™)

- Mounting height up to 10'-12'
- Unheated only
- Low noise



Clean Air (UVC)

### Clean Air

- Mounting height up to 10'
- Unheated only
- UVC/UVV, HEPA, & Ionization Filtration

### Sanitation (LPN2/N2/NH2)

- Mounting height up to 7'
- Unheated only
- ETL Sanitation Listed as per NSF/ANSI 37

## MID SIZE DOCK & RECEIVING DOORS



EP2 (Extra Power)

### HV2 (High Velocity 2)

- Mounting height up to 12'-14'
- Available in Unheated, Electric, Hot Water/Steam, & Indirect Fired Gas Heat
- AMCA Certified (Unheated)

### EP2 (Extra Power 2)

- Mounting height up to 14'-16'
- Available in Unheated, Electric, Hot Water/Steam, & Indirect Fired Gas Heat

## LARGE DOCK DOORS

### WMI/WMH (Wind Stopping)

- Mounting height up to 14'-20'
- Available in Unheated, Electric, Hot Water/Steam, & Indirect Fired Gas Heat
- Direct drive motor

### BD (WindGuard)

- Mounting height up to 14'-32'
- Available in Unheated, Electric, Hot Water/Steam, & Indirect Fired Gas Heat
- Belt drive motor



BD (WindGuard)

## SPECIALTY OPTIONS

WASHDOWN | EXPLOSION PROOF | TAMPER PROOF | COLD STORAGE

## MARS RECOMMENDED ACCESSORIES

### SWITCHES

- MECHANICAL
  - COMBO PLUNGER/ROLLER
- MAGNETIC
  - COMMERCIAL SURFACE MOUNTED
  - INDUSTRIAL SURFACE MOUNTED



99-014  
Combination Plunger/Roller Type

### CONTROLLERS

- MOTOR CONTROL PANELS
  - ADJUSTABLE TIME DELAYS
- SOLID-STATE
  - SIMPLELINK™ 2
  - BASIC CONTROLLERS



J0021  
Time Delayed Basic Controller (1/2 HP)

### MOUNTING BRACKETS

- OFFSET
- EXTENDED WALL
- TRANSOM



B0005  
Adjustable Combination Mounting Bracket

### FILTERS

- WASHABLE ALUMINUM
  - 1/4" PRESSED (MERV 4)
- THROWAWAY PLEATED
  - HEPA (99.9%, 0.3 MICRONS)
  - 1/2" TO 2" PLEATED (MERV 8)



Pressed Frame Aluminum Filter



atmosphere is everything

Mars Air Systems

Air Curtain and Air Door Manufacturer

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