



# MARS AIR CURTAINS PROVIDE AN INVISIBLE SHIELD MAINTAINING TEMPERATURE CONTROL, PROFITABILITY, EMPLOYEE AND FOOD SAFETY IN COLD STORAGE

## THE BENEFITS OF INSTALLING AN AIR CURTAIN

- Repel windborne contaminants, debris and flying pests
- Minimize air transfer between different interior building zones
- Maintain building temperature when doors are open
- Eliminate pathogens, particulates, viruses and odors
- Enhance occupant comfort and ensure safety
- Improve Indoor Air Quality (IAQ)



Application Images: Above - Distribution Warehouse Floor Plan; Top Right - Cold Storage Walk-In Fridge; Middle Right - Walk-In Cooler Corridor; Bottom Right - Cold Storage Dock Door

## MARS PROTECTS REFRIGERATION & COLD STORAGE

- **Walk-in Cooler/Freezer** Replaces need for plastic strip curtains. Maintains consistent temperature control when doors are opened. Minimizes infiltration of humidity causing fogging, condensation and visibility issues. Eliminates loss of product and damage to its packaging material. Mars UVC® models further extend the shelf life of perishable foods by up to 25%.
- **Electric Heated Air Curtains** Prevent condensation, water, and ice buildup on cold storage doors and their floors.
- **Building Customer Entrance/Industrial Dock Door** Maintains consistent building temperature and humidity levels. Eliminates dust, dirt, and flying pests. These benefits help maintain stable indoor conditions, making the environment cleaner and safer for both products and employees.
- **Interior Zone Separation** Minimize air transfer between different zones within a building.
- **Receiving/Back Door** Odorous refuse and compactor areas are neutralized with Mars UVC®, which eliminates VOCs and strong, lingering odors.

## ENTRY & RECEIVING DOOR & PASS-THRU WINDOWS



STD2 (Standard)

### LPV2 (LoPro2)

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

### STD2 (Standard 2)

- Mounting height 8'-12'
- Available in Unheated, Electric, & Hot Water/Steam Heat
- AMCA Certified (Unheated & Electric Heat)

## SPECIALTY ENTRY & RECEIVING DOORS

### PH (Phantom)

- Mounting height up to 8'-16'
- Available in Unheated, Electric, & Hot Water/Steam Heat
- Recessed mount
- Reduced noise output by up to 25%
- AMCA Certified

### QP (QuietPro™)

- Mounting height up to 8'-12'
- Available in Unheated, Electric, & Hot Water/Steam Heat
- Reduced noise output by up to 25%
- AMCA Certified (QP8)

### Clean Air

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

### Sanitation (LPN2/N2/NH2)

- Mounting height up to 8'
- Unheated only
- ETL Sanitation Listed as per NSF/ANSI 37



Clean Air (UVC)

## MID SIZE DOCK & RECEIVING DOORS

### HV2 (High Velocity 2)

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

### EP2 (Extra Power 2)

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



EP2 (Extra Power)

## LARGE DOCK DOORS

### WMI/WMH (Wind Stopping)

- Mounting height 14'-20'
- Available in Unheated, Electric, Hot Water/Steam, & Indirect Fired Gas Heat
- Direct drive motor
- AMCA Certified (Unheated)

### BD (WindGuard)

- Mounting height 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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MARS AIR CURTAINS!