



MARS INCREASES PROFITABILITY FOR MATERIALS HANDLING MANAGERS WITH SAFETY & COMFORT

CHALLENGES IN MATERIALS HANDLING MANAGEMENT

- Forklift and employee traffic at loading dock, interior and cold storage doors create unsafe & hazardous conditions
- Wide openings invite untreated air, dust, pests and debris impacting product
- Repeated door and window openings introduce exterior air
- Flying pests, dirt, debris and odors diminish clean
- Energy spend is elevated
- Staff needs climatic comfort to keep productivity high and absenteeism low
- Cold storage temperatures need to stay consistent



Application Images: Above - Distribution Warehouse Floor Plan; Top Right - Cold Storage; Bottom Right - Dock Door

MARS PROTECTS THE MATERIALS HANDLING ENVIRONMENT

- **Dock Doors** | Safer dock doors with unobstructed barrier-free protection, including wind abatement
- **Workers** | Higher employee productivity and lower absenteeism with more comfortable working conditions
- **Receiving Doors** | Cleaner receiving doors, dock doors and customer entrances
- **Costs** | Energy spend controlled and conditioned air protected – hot and cold
- **Odors** | Control odorous refuse and compactor areas with Mars UVCT[™] to neutralize VOCs and strong, lingering odors
- **Lavatory & Bathroom** | Mars UVCT[™] takes on the toughest odors and amplifies sanitation
- **Cleanrooms** | Remove particles from personnel and products entering cleanrooms with the secure sanitation provided by Mars HEPAC[®]

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



BD (WindGuard)

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

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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