



ACCESSORIES AND OPTIONS

WHAT IS A MICRO SWITCH AND WHEN IS IT USED?

A micro switch is used to activate the air curtain when a door is opened and turn it off when the door is closed. The two types of micro switches used with Mars air curtains are 'plunger style' for doors that have hinges, and 'roller style' for all other types (i.e. roll-up, sliding, vertical lift, track, garage style, etc.). When the door is shut, the switch's contacts are held open. When the door is opened, the contacts are closed, thereby turning the air curtain on. Generally, a micro switch is installed when a door is intermittently in use, such as over some receiving and cold storage doorways. It is preferable to allow the air curtain to operate continuously and not to install a micro switch if there is heavy in and out traffic.

When using a micro switch, a motor control panel is recommended for all three-phase motors and single phase motors with combined capacities of more than 1HP.

CAN A MICRO SWITCH BE USED ON ALL TYPES OF DOORS?

Yes. Plunger style are used on single- or double-hinged doors that swing one way either (inward or outward). Roller style is used on all other types (i.e. hinged doors that swing inward and outward, sliding, roll-up, return track, vertical lift, garage style, etc.).

WHAT IS A MOTOR CONTROL PANEL AND WHEN IS IT USED?

A motor control panel is an enclosure that contains the equipment to start electric motors. It is usually mounted on the wall near the air curtain to be controlled. The equipment consists of motor starters, a transformer for the control circuit, terminal blocks and other components to meet specific requirements. It is also used to start, stop and protect the motors in the air curtains. Motor control panels are available as an option. We can manufacture them to meet any requirement. All electric heated models contain a motor control panel as standard equipment. All Mars motor control panels are U.L. Listed.

CAN FILTERS BE USED IN FRONT OF LOUVERS?

Yes. Filters can be used in conjunction with louvers or instead of louvers. Filters are used when there is an excessive amount of dust and dirt in the air. All Mars NSF Certified models feature a washable aluminum filter as standard. Filters are also supplied with the W-25 service window model.