

CLEAN AIR SERIES

NOTE

Before proceeding, refer to the units specific IOM Manual for safety, installation and start information. Verify proper voltage to the product per local and NEC codes. Ensure proper rotation for units with three phase motors.

CLEAN AIR SERIES

The HEPAC (High Efficiency Particulate Air Curtain) and UVC (Ultra Violet Curtain) section is intended for localized filtering and cleaning inside a building with a NEMA1 condition. The effective area should not exceed 15 cubic feet and may be more effective when the area is enclosed.

HEPAC SECTION

The HEPAC section is specifically designed and compatible with the STD2 models. They are only available in section lengths of 36", 42", 48" and 60". For longer units, multiple tandem mounted sections are used to match the unit length.

Note:

1. Factory pre-assembled HEPAC section may require the removal of the pre and HEPA filters for mounting and wiring.

The HEPAC section is not suited for external use or in areas with very high and/or large particulates. The frequency of service and/or filter replacement will vary depending on the usage time and application area conditions.

UVC SECTION

The UVC section is specifically designed and compatible with both the LPV2 and STD2 models. They are available in section lengths of 36", 42", 48", 60" and 72". For longer units, multiple tandem mounted sections are used to match the unit length.

Note:

1. Factory pre-assembled UVC Section with an Air Curtain are pre-wired and ready for field installation and single point wiring.

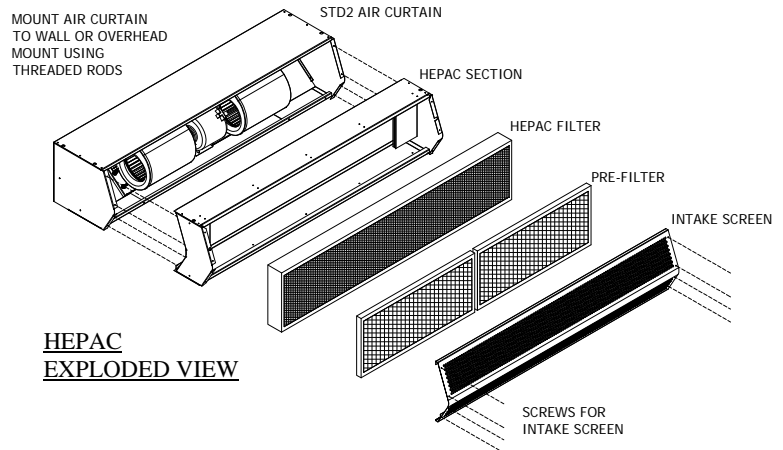
FIELD INSTALLED HEPAC AND UVC SECTION

Both the HEPAC and UVC sections may be field installed and added to an existing unheated Mars Air

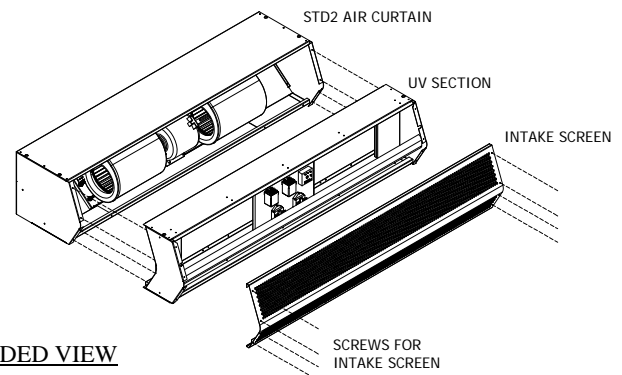
Curtain unit. (Available sizes previously listed). The top and bottom must be field secured to the existing units using the pre-drilled holes provided on the sections. The number of holes may vary per the length.

For the HEPAC section, the unit should set at the highest speed for multiple speed motors. No additional wiring is required for the HEPAC section.

UVC section will required additional field mounting and wiring with existing air curtains. Please refer to the wiring instructions and diagrams provided with the UVC Section for your existing field voltage and phase.



HEPAC
EXPLODED VIEW



UVC
EXPLODED VIEW

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