

Clean Air Series

(UVC and HEPAC Air Curtain)



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 atmosphere is everything
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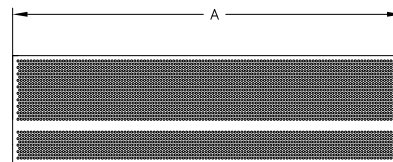
Clean Air Series Data Sheet

Item No.	Description	Overall Length A (in)	115v/1Ø (A)	208/230v/1Ø (D)
LPV2 Series		Packaged UV Models		
LPV236-1U*-OB-UVP	LPV236, 1Mtr, 1/6HP, Unhtd, Galv, OB, UVC, 24v Cntrl, 6' Crd & Plg, Mag Sw (99-018)	36	2.4	1.2
LPV242-1U*-OB-UVP	LPV242, 1Mtr, 1/6HP, Unhtd, Galv, OB, UVC, 24v Cntrl, 6' Crd & Plg, Mag Sw (99-018)	42	2.4	1.2
LPV248-1U*-OB-UVP	LPV248, 1Mtr, 1/6HP, Unhtd, Galv, OB, UVC, 24v Cntrl, 6' Crd & Plg, Mag Sw (99-018)	48	2.4	1.2
LPV260-1U*-OB-UVP	LPV260, 1Mtr, 1/6HP, Unhtd, Galv, OB, UVC, 24v Cntrl, 6' Crd & Plg, Mag Sw (99-018)	60	2.6	1.4
LPV272-1U*-OB-UVP	LPV272, 1Mtr, 1/6HP, Unhtd, Galv, OB, UVC, 24v Cntrl, 6' Crd & Plg, Mag Sw (99-018)	72	2.6	1.4
STD2 Series		Packaged UV Models		
STD236-1U*-OB-UVP	STD236, 1Mtr, 1/2HP, Unhtd, Galv, OB, UVC, 24v Cntrl, 6' Crd & Plg, Mag Sw (99-018)	36	5.1	2.5
STD242-1U*-OB-UVP	STD242, 1Mtr, 1/2HP, Unhtd, Galv, OB, UVC, 24v Cntrl, 6' Crd & Plg, Mag Sw (99-018)	42	5.1	2.5
STD248-1U*-OB-UVP	STD248, 1Mtr, 1/2HP, Unhtd, Galv, OB, UVC, 24v Cntrl, 6' Crd & Plg, Mag Sw (99-018)	48	5.1	2.5
STD260-2U*-OB-UVP	STD260, 2Mtr, 1/2HP, Unhtd, Galv, OB, UVC, 24v Cntrl, 6' Crd & Plg, Mag Sw (99-018)	60	10.2	5
STD272-2U*-OB-UVP	STD272, 2Mtr, 1/2HP, Unhtd, Galv, OB, UVC, 24v Cntrl, 6' Crd & Plg, Mag Sw (99-018)	72	10.2	5
STD2 Series		Packaged HEPAC Models		
STD236-1U*-OB-HCP	STD236, 1Mtr, 1/2HP, Unhtd, Galv, OB, HEPAC, 24v Cntrl, 6' Crd & Plg, Mag Sw (99-018)	36	5.1	2.5
STD242-1U*-OB-HCP	STD242, 1Mtr, 1/2HP, Unhtd, Galv, OB, HEPAC, 24v Cntrl, 6' Crd & Plg, Mag Sw (99-018)	42	5.1	2.5
STD248-1U*-OB-HCP	STD248, 1Mtr, 1/2HP, Unhtd, Galv, OB, HEPAC, 24v Cntrl, 6' Crd & Plg, Mag Sw (99-018)	48	5.1	2.5
STD260-2U*-OB-HCP	STD260, 2Mtr, 1/2HP, Unhtd, Galv, OB, HEPAC, 24v Cntrl, 6' Crd & Plg, Mag Sw (99-018)	60	10.2	5
STD272-2U*-OB-HCP	STD272, 2Mtr, 1/2HP, Unhtd, Galv, OB, HEPAC, 24v Cntrl, 6' Crd & Plg, Mag Sw (99-018)	72	10.2	5

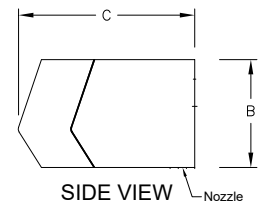
* - Use corresponding letters in "Electrical Data" columns to complete the model numbers.(A: 115v/1Ø; D:208/230v/1Ø). Contact factory for additional voltages
 Note: For ampacity, multiply FLA X 1.25

Features:

- ❖ UVC and HEPAC packaged air curtain are ETL certified
- ❖ Plug-N-Play packages includes surface mounted magnetic switch (99-018) and 8' Cord and Plug
- ❖ Cabinet is a self-contained one-piece corrosion resistant paint lock and powder coated Obsidian Black
- ❖ Low voltage (24Vac) control option standard
- ❖ Indoor use only (NEMA 1 location)
- ❖ 1-year parts only warranty against workmanship and defects
- ❖ Freight allowed in Continental US
- ❖ Proudly Made in the USA



FRONT VIEW



SIDE VIEW

UVC Package

- ❖ Patented dual bulb design standard (UVC & UVV)
- ❖ Patented UV process deodorizes and disinfects the airstream, destroying bacteria, mold, viruses and reduces unwanted odors
- ❖ UVC Germicidal destroys biological contaminants
 - Sterilize up to 99.99% of airborne bio-contaminants with multiple passes
 - Perfect for test labs, hospitals and small waiting rooms
 - Reduces accumulation of pathogens on the exposed surface of the air curtain's internal components and minimizes pathogen redistribution
- ❖ UVV Oxidizing destroys chemicals and odors
 - Destroy ethylene off-gassing, which is a leading cause of premature aging of fruits and vegetables
 - Ideal for food storage/processing facilities, waste areas, kitchens and bathrooms with noxious gases
 - Low levels of ozone generated
- ❖ Available only for LPV2 or STD2 unheated models

Air Curtain Series	Overall Height B (in)	Overall Depth C (in)
LPV2	8	13 3/4
STD2	10 5/8	24 1/8

HEPAC Package

- ❖ HEPA® filters rated 99.99% per ASHRAE (0.3 micron) and meets UL Standard 900 for Flammability
- ❖ 2" pre-filters MERV (Minimum Efficiency Reporting Value) 7-8 rated standard
- ❖ Air curtain performance is reduced by 10-15% with clean filters. Motor are set to highest speed from the factory.
- ❖ Available only for STD2 unheated models



Intertek
 Air Curtain with UV Option
 Air Curtain Only for HEPA option

Options and Accessories:

- ❖ MERV 13 rated 2" pre-filters for extended usage applications or high particulate areas
- ❖ HEPA® filter, ULPA (Ultra-Low Penetration Air) rated 99.99% of particles 0.12 micron and MERV 13 rated 2" pre-filters for high particulate applications
- ❖ 100% UVC bulb available for "no ozone" applications
- ❖ Custom enclosure colors and finishes (304SS, 316SS, Aluminum)

NOTE: MARS AIR SYSTEMS, LLC reserves the right to change specifications and product design without notice. Such revisions do not entitle the buyer to corresponding changes, improvements, additions or replacements for previously purchased equipment.