

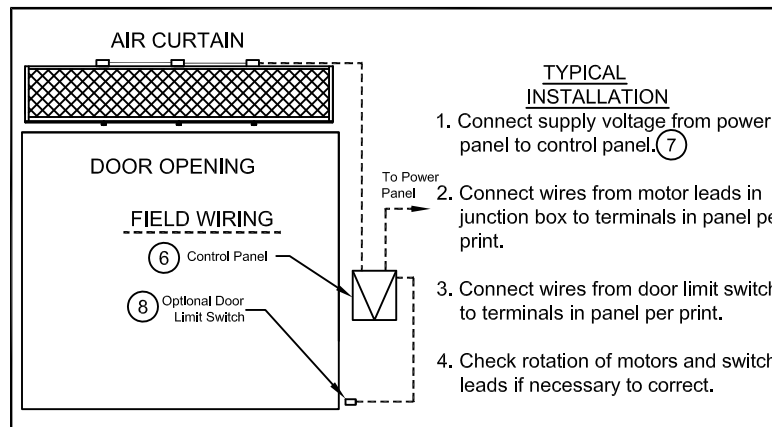
- ① This product is designed to comply with National Electrical Code (NEC), CSA listed and licensed to bear the AMCA seal.
- ② (4) 5/8" diameter mounting holes (2) on each end for overhead mounting on hanging rods.
- ③ All cabinets welded in one piece, fire retardant and corrosion proof paint lock metal, double protected with baked on gray color, rust preventive electrostatic polyurethane powder coating.
- ④ One watertight electrical junction box per motor mounted on top center of each motor.
- ⑤ Unit is to be installed such that air flow is unobstructed. Air discharge grille containing adjustable ($\pm 45^\circ$) aluminum airfoil shaped vanes.
- ⑥ Optional motor control panel. Overloads are factory preset. Standard procedure is the control panel shipped loose for remote mounting. Control panel can be factory mounted and wired on either side of air curtain. Please specify left or right.
- ⑦ Circuit Protection as per NEC by others.
- ⑧ Optional door limit switch is field installed and is to be wired to the control panel. Switch is to be mounted such that air curtain turns on as soon as door begins to open.



MARS Sales Co., Inc. certifies that the Air Curtains shown on this data sheet are licensed to bear the AMCA seal. The rating shown are based on tests and procedures performed in accordance with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Program.

LR92218-1

MODEL NUMBER	MOTORS		DISCHARGE LENGTH	UNIT LENGTH	MOUNTING CENTERS
	NO	HP			
WMH48-1U	1	2	48"	51"	49 1/2"
WMH60-1U	1	3	60"	63"	61 1/2"
WMH72-1U	1	3	72"	75"	73 1/2"
WMH96-2U	2	2	96"	99"	97 1/2"
WMH108-2U	2	2	108"	111"	109 1/2"
WMH120-2U	2	2	120"	123"	121 1/2"
WMH144-2U	2	2	144"	147"	145 1/2"
WMH168-3U	3	3	168"	171"	169 1/2"
WMH192-4U	4	2	192"	195"	193 1/2"
The Following Models Are Not Licensed To Bear The AMCA Seal					
WMH84-2U	2	2	84"	87"	85 1/2"
WMH180-3U	3	3	180"	183"	181 1/2"
WMH216-3U	3	3	216"	219"	217 1/2"



PROJECT	Model No.:
LOCATION	Drawing No.:
ARCHITECT	Date
ENGINEER	Sheet of
	Drawn By:
	Checked By:
14716 S. BROADWAY • GARDENA, CA 90248 • USA TEL: (310) 532-1555 • (800) 421-1266 • FAX: (310) 324-3030 Web Site: www.marsair.com • E-mail: info@marsair.com	

WMH WIND STOPPING 16 UNHEATED MODELS

JOB:

ARCHITECT/ENGINEER:

DRWG.: _____

CONTRACTOR:

SHEET ____ **of** ____ **DATE:** _____

MOTOR DATA

MARK	MODEL	SHIPPING QTY	WEIGHT (LBS)	MOTOR HP	MOTOR RPM	VOLTAGE	FLA * THREE PHASE			Power ‡ Ratings KW	Max ‡ FPM@ Discharge	Average ‡ Outlet Velocity FPM	Outlet ‡ Velocity Uniformity %	Max ‡ CFM**@ Discharge	dBA Measured 10 ft. from Nozzle	REMARKS
							208V	230V	460V							
								WMH 48-1U								
	WMH 60-1U		365	5	1160		19.0	15.8	7.9	6.21	7600	4231	89.0	7835	68	
	WMH 72-1U		445	7	1160		--	21.0	10.5	6.65	7400	3816	82.0	8511	71	
	WMH 96-2U		635	(2) - 5	1160		38.0	31.6	15.8	9.39	7300	4466	90.9	13190	69	
	WMH108-2U		695	(2) - 5	1160		38.0	31.6	15.8	11.80	6700	3822	90.2	13230	69	
	WMH120-2U		735	(2) - 5	1160		38.0	31.6	15.8	12.42	7600	4231	89.0	15670	69	
	WMH144-2U		890	(2) - 7	1160		--	42.0	21.0	13.30	7400	3816	82.0	17022	72	
	WMH168-3U		1060	(3) - 5	1160		57.0	47.4	23.7	17.70	6700	3822	90.2	19845	70	
	WMH192-4U		1275	(4) - 5	1160		76.0	63.2	31.6	18.76	7300	4466	90.9	26380	72	
The Following Models Are Not Licensed To Bear The AMCA Seal.																
	WMH84-2U		595	(2) - 5	1160		38.0	31.6	15.8	9.39	7300	4231	89.0	11950	69	
	WMH180-3U		1100	(3) - 5	1160		57.0	47.4	23.7	18.24	7600	4231	89.0	23505	70	
	WMH216-3U		1370	(3) - 7	1160		--	63.0	31.5	19.86	7400	3816	82.0	25533	72	

‡ "The AMCA Certified Ratings Seal applies to airflow rate, average outlet velocity, outlet velocity uniformity, velocity projection and power rating at free delivery only."

Velocity Profile Model: WMH-60

Distance from nozzle (inches) = 36 84 132
Centerline Velocity (fpm) = 3979 2243 1878

EQUIPMENT SPECIFICATIONS - Standard Features

GENERAL

Air curtain shall be a MARS® "WMH" Wind Stopping 16 unheated models.

APPROVALS

Air curtain shall be licensed to bear the AMCA Seal, Canadian Standards Association Certified, and meet the requirements of the National Electric Code.

CABINET

Heavy gauge galvanized steel housing, designed as box beams for outstanding structural strength and the ability to span openings to thirty feet without intermediate support. Units have a baked Gray electrostatic polyurethane powder coating. Scrolls have a split housing design, that provides easy access to fans and motors. The scroll is designed to accumulate air and guide it to the discharge outlet for efficient air distribution. Air curtain has an expanded metal intake screen, which allows maximum air flow into the unit. Unit has adjustable air directional vanes with 40° sweep front to back for the most efficient air flow.

MOTORS & FAN WHEELS

Motor(s) shall be totally enclosed air over (TEAO) type suitable for continuous heavy duty, all angle operation. Construction shall include sealed lifetime pre-lubricated ball bearings, resilient mounted and have double extended shaft and direct drive. Heavy duty centrifugal blower wheels with brazed hubs generate a powerful, controlled air flow, while maintaining quiet operation. Each air curtain is fitted with dynamically balanced blower wheels.

* - For Ampacity Multiply FLA X 1.25

ELECTRICAL WIRING

All motor leads are terminated in external watertight junction box (1) per motor.

GUARANTEE

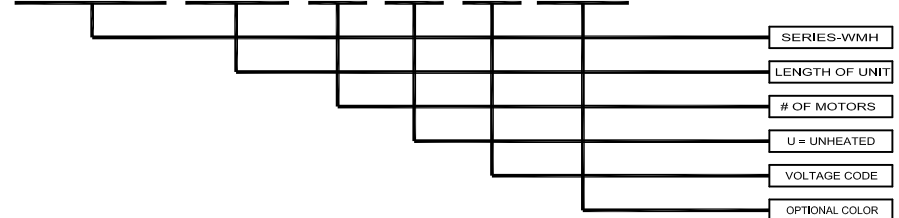
Shall be (18) months on all parts.

ACCESSORIES

Refer to the optional features and accessories page.

EXAMPLE

WMH 168-3 U H-TS



SIZE	VOLTAGE	CODE
48"-192"	208-230/3/60	G
48"-192"	460/3/60	H
48"-192"	575/3/60	I

COLOR	CODE
OBSIDIAN BLACK	OB
TITANIUM SILVER	TS
PEARL WHITE	PW
SPARTAN BRONZE	SB
BATTLESHIP GRAY	BG

MADE WITH PRIDE IN THE U.S.A.

WMH WIND STOPPING 16 UNHEATED MODELS