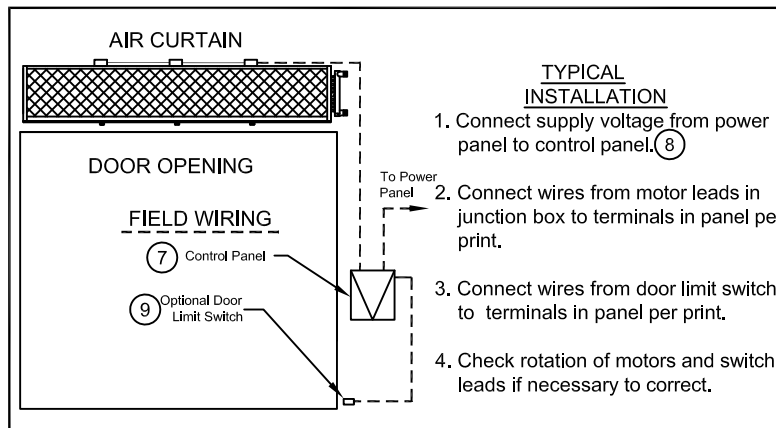


- ① This product is designed to comply with National Electrical Code (NEC), and is CSA Listed.
- ② (4) 5/8" diameter mounting holes (2) on each end for overhead mounting on hanging rods.
- ③ All cabinets welded in one piece, fire retardant and corrosion proof paint lock metal, double protected with baked 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 Coil shown as hot water. Same end connection standard. Specify for other.
- ⑥ Unit is to be installed such that air flow is unobstructed. Air discharge grille containing adjustable ($\pm 45^\circ$) aluminum airfoil shaped vanes.
- ⑦ Optional motor control panel. Overloads are factory preset. Standard procedure for the control panel to be shipped loose for remote mounting. Control panel can be factory mounted & wired on unit. Specify left or right side mounting.
- ⑧ Circuit Protection as per NEC by others.
- ⑨ 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.



LR92218-1

MODEL NUMBER	MOTORS		DISCHARGE LENGTH "A"	UNIT LENGTH "B"	MOUNTING CENTERS "C"
	NO	HP			
WMH48-1*	1	5	48"	51"	49 1/2"
WMH60-1*	1	5	60"	63"	61 1/2"
WMH72-1*	1	7	72"	75"	73 1/2"
WMH96-2*	2	5	96"	99"	97 1/2"
WMH108-2*	2	5	108"	111"	109 1/2"
WMH120-2*	2	5	120"	123"	121 1/2"
WMH144-2*	2	7	144"	147"	145 1/2"
WMH168-3*	3	5	168"	171"	169 1/2"
WMH180-3*	3	5	180"	183"	181 1/2"
WMH192-4*	4	5	192"	195"	193 1/2"



PROJECT	Model No.:
LOCATION	Drawing No.:
ARCHITECT	Date
ENGINEER	Sheet of
	Drawn By:
	Checked By:

MARS[®]
AIR SYSTEMS

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 STEAM/HOT WATER HEATED MODELS

JOB: _____

ARCHITECT/ENGINEER: _____

DRWG.: _____

MARK	WIND STOPPING HEAVY STEAM HOT WATER HEATED MODEL ①	NO. REQ'D	LENGTH	WEIGHT (LBS)	MOTOR FAN DATA						HEATING CAPACITY OF COILS								dBA Measured 10 ft. from Nozzle	REMARKS	
					MOTOR HP 1160 RPM	VOLTS & PHASE	FLA* THREE PHASE			Max FPM @ Discharge	Max CFM @ Discharge	STEAM ②				HOT WATER ②					
							230V	460V	575V			HEAT MBH		TEMP RISE °F		HEAT MBH		TEMP RISE °F			
												ONE ROW	TWO ROW	ONE ROW	TWO ROW	ONE ROW	TWO ROW	ONE ROW			TWO ROW
	WMH48-1*		51"	300	5		15.2	7.6	6.1	7300	6595	332	497	46	69	180	260	30	35	70	
	WMH60-1*		63"	325	5		15.2	7.6	6.1	7600	7835	405	562	47	66	224	305	30	35	70	
	WMH72-1*		75"	375	7		22	11	9	7400	8511	429	641	46	69	261	328	30	35	73	
	WMH96-2*		99"	550	(2)-5		30.4	15.2	12.2	7300	13190	657	994	45	69	318	522	30	35	73	
	WMH108-2*		111"	580	(2)-5		30.4	15.2	12.2	6700	13230	649	977	45	67	332	517	30	35	73	
	WMH120-2*		123"	600	(2)-5		30.4	15.2	12.2	7600	15670	783	1122	46	65	399	610	30	35	73	
	WMH144-2*		147"	725	(2)-7		44	22	18	7400	17022	864	1273	46	69	465	657	30	35	75	
	WMH168-3*		171"	900	(3)-5		45.6	22.8	18.3	6700	19845	1105	1461	51	68	549	773	30	35	75	
	WMH180-3*		183"	975	(3)-5		45.6	22.8	18.3	7600	23505	1240	1704	48	67	575	943	30	35	75	
	WMH192-4*		195"	1100	(4)-5		60.8	30.4	24.4	7300	26380	657	994	45	69	318	522	30	35	75	

NOTES:

- ① ✳ When specifying one row design, use "Y" for steam and "W" for hot water. For two row design, use "X" for hot water and consult factory for steam. See code chart below.
- ② MBH and air temperature rise based on 70°F ambient air and (5 psi steam) or (200°F hot water).

EQUIPMENT SPECIFICATION - Standard Features

GENERAL:

Air curtain shall be a MARS [®] WMH Wind Stopping 16 Steam/Hot Water model.

APPROVALS

Air curtain shall be Canadian Standards Association Certified CSA, and meet requirements of the National Electric Code (NEC).

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 lockable discharge vanes with specially made air foil blades, allows you to adjust the blades ±45° 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. With heavy duty centrifugal blower wheels with brazed hubs generate a powerful, controlled air flow, while maintaining quiet operation. Each air curtain is fitted with statically balanced blower wheels.

GUARANTEE

Shall be 18 months on all parts.

* - For Ampacity Multiply FLA x 1.25

COIL CONSTRUCTION FOR BOTH HOT WATER & STEAM

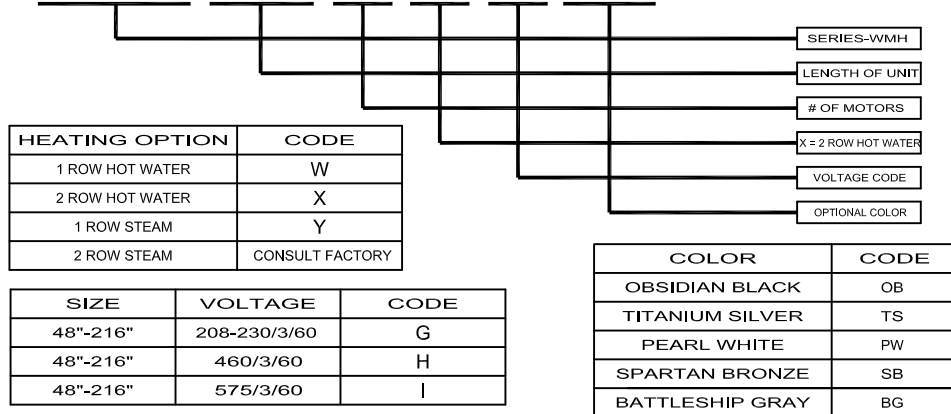
Coils shall be constructed of .035" heavy tube wall x 5/8" OD seamless copper tubing with die formed aluminum fins. Tubes shall be arranged in a staggered pattern in the direction of air flow. Casings shall be of not less than 16 gauge galvanized steel with tube holes formed with extruded collars. Tubes shall be mechanically expanded into fins to assure a uniform pressure bond throughout the entire length of each tube. Manifolds shall be of heavy seamless copper construction. All joints shall be brazed with high temperature silver brazing alloy. Fittings shall be of wrought copper or similar construction such that the entire fluid circuit shall be of compatible nonferrous materials. Manifold shall be fitted with 1/4" vent or drain.

ACCESSORIES

Refer to the optional features and accessories page.

EXAMPLE

WMH 168 - 3 X G - TS



MADE WITH PRIDE IN THE U.S.A.

WMH WIND STOPPING 16 STEAM/HOT WATER HEATED MODELS