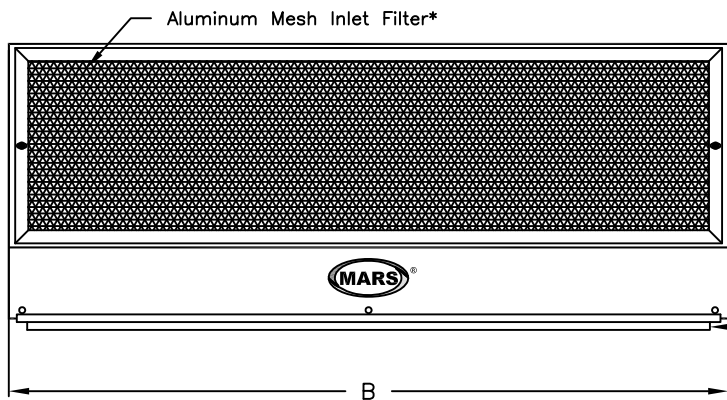
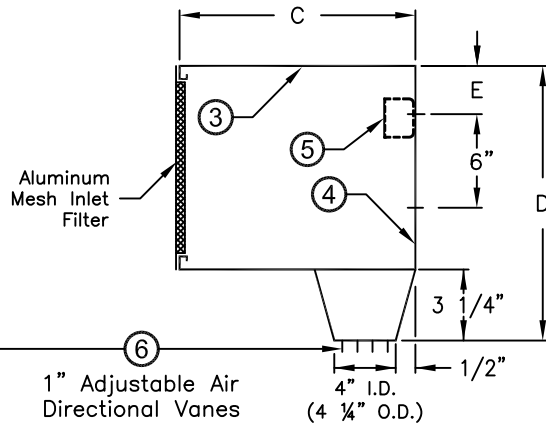


**REAR VIEW**



**FRONT VIEW**



**END VIEW**

**NOTES:**

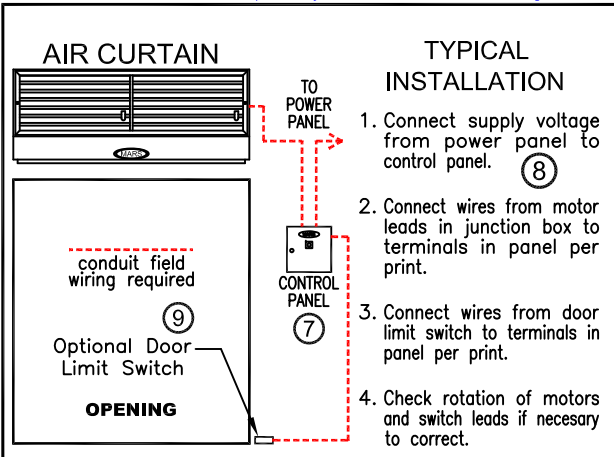
- ① This product is designed to comply with the National Electric Code (NEC), ETL listed for US & Canada, and bear the CE mark.
- ② 7/16" mounting holes (4) provided, (2) on each end.
- ③ All units have a self contained one piece cabinet, fire retardant and corrosion proof paint lock metal, double protected with baked on gray color, rust preventative electrostatic polyurethane powder coating.
- ④ Cabinet has sufficient strength for fastening to wall on both ends without intermediate support.
- ⑤ Internal J-Box(es) for electrical wiring.
- ⑥ Unit is to be installed such that air flow is unobstructed. Air discharge nozzle containing adjustable air directional vanes with 40° sweep front to back.
- ⑦ Optional motor control panel. Overloads are factory pre-set. Standard procedure is to ship panel loose for remote mount. Can be factory mounted on either left or right hand side of air curtain housing. Please specify.
- 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 to be mounted such that the air curtain turns on as door begins to open.



-2 designates the number of motors.

\*NOTE: Filter size and quantity varies with unit length.

MODEL NUMBER	MOUNTING CENTERS A	LENGTH B	DEPTH C	HEIGHT D	MOUNT HOLE E
N36-1U	35 1/8"	36"	11 1/4"	14"	2 1/4"
N42-1U	41 1/8"	42"	11 1/4"	14"	2 1/4"
N48-1U	47 1/8"	48"	11 1/4"	14"	2 1/4"
N72-2U	71 1/8"	72"	11 1/4"	14"	2 1/4"
NH42-1U	41 1/8"	42"	14"	18"	3 3/8"
NH48-1U	47 1/8"	48"	14"	18"	3 3/8"



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



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

**JOB:**

**ARCHITECT/ENGINEER:**

**DRWG.:** \_\_\_\_\_

**CONTRACTOR:**

**SHEET** \_\_\_\_ **of** \_\_\_\_ **DATE:** \_\_\_\_\_

**MOTOR FAN DATA**

MARK	STANDARD MODEL NUMBER	NO. REQ'D	LENGTH	WEIGHT (LBS)	MOTOR HP	MOTOR RPM**	VOLTS & PHASE	FLA*		FLA*		Max FPM** at Nozzle	Max CFM** at Nozzle	dBA Measured 10 ft. from Nozzle	REMARKS
								SINGLE PHASE		THREE PHASE					
								115V	208V/230V	208V/230V	460V				
	N36-1U		3'	55	1/2	1750		5.1	2.5	1.8	0.8	3400	2550	66	
	N42-1U		3' 6"	60	1/2	1750		5.1	2.5	1.8	0.8	2925	2550	66	
	N48-1U		4'	65	1/2	1750		5.1	2.5	1.8	0.8	2550	2550	66	
	N72-2U		6'	145	Two 1/2	1750		10.2	5.0	3.6	1.6	3475	5100	68	
	NH42-1U		3' 6"	125	1	1750		9.5	4.9	3.3	1.6	4570	4000	70	
	NH48-1U		4'	130	1	1750		9.5	4.9	3.3	1.6	4000	4000	70	

**EQUIPMENT SPECIFICATIONS - Standard Features**

**GENERAL**

Air curtain shall be a Mars® Air Doors brand air curtain: Type NSF Certified Industrial High Velocity Unheated.

**APPROVALS**

Air curtain Shall be, Canadian Standard Association Certified, National Sanitation Foundation Certified, meet the requirements of the National Electric Code (NCE), ETL Certified, and bear the CE mark.

**CABINET**

Cabinet shall be a self contained one piece housing with sufficient strength for fastening to wall on both ends without intermediate support. Cabinet constructed of fire retardant, corrosion proof paint lock metal and double protected with gray baked rust preventative electrostatic polyurethane powder coating. Cabinet to have washable aluminum mesh air intake filter. Discharge air outlet nozzle shall be wedge shaped containing adjustable air directional vanes with 40° sweep front to back. Motor/Fan assembly to be easily accessible for maintenance.

**MOTORS AND BLOWER 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 protected by an automatic reset thermal overload switch. Motor(s) to have double extended shaft and direct drive, double inlet, dynamically balanced forward curved squirrel cage blower wheels.

**ELECTRICAL WIRING**

All junction boxes are internally mounted: one motor-(1) 2"x 4"; two motors-(1) 4"x 4"; three or four motors-(2) 4"x 4".

**GUARANTEE**

Shall be five years on all parts.

**ACCESSORIES**

Refer to optional features and accessories page.

\* - For Ampacity Multiply FLA X 1.25

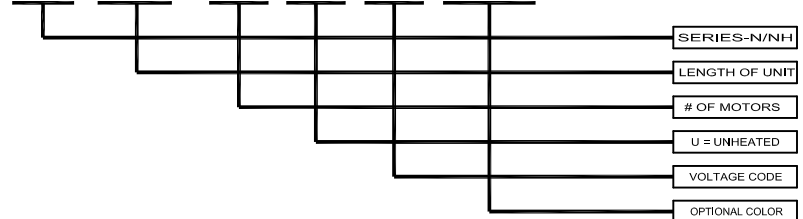
\*\* - 17% Reduction in Performance on units with 50Hz.

**NOTE:** NSF Certified models shall produce 600 FPM velocity measured 3' off the floor on all customer entrance doors (N prefix models) and 1600 FPM velocity measured 3' off the floor on all receiving doors (NH prefix models).

**EXAMPLE**

①

**N 36 - 1 U A - OB**



SIZE	VOLTAGE	CODE
36"-72"	115/1/60	A
36"-72"	208-230/1/60	D
36"-72"	220/1/60	U
36"-72"	208-230/3/60	G
36"-72"	460/3/60	H
36"-72"	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.**

**INDUSTRIAL NATIONAL SANITATION FOUNDATION (NSF) CERTIFIED MODELS**