

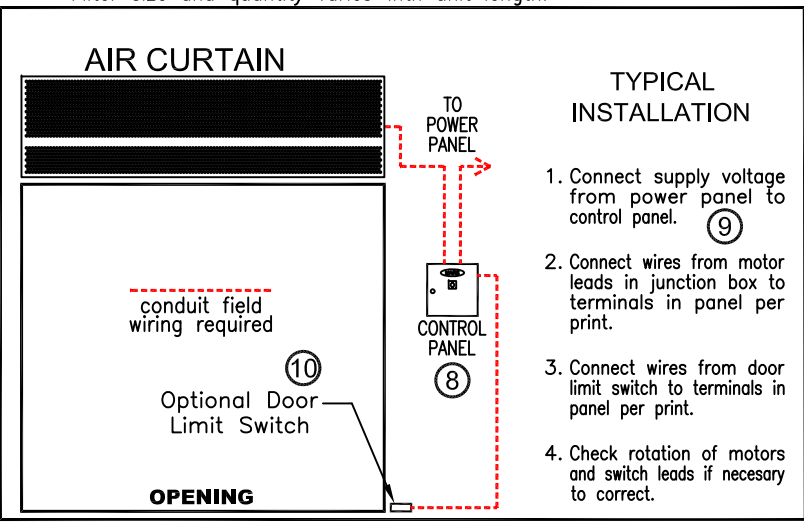
-2, -3 & -4 designates the number of motors. *NOTE: Filter size and quantity varies with unit length.

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" top mounting holes (4) provided, (2) on each end.
- ③ 1/2" key hole slots (2) provided, (1) on each end for wall mounting.
- ④ 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.
- ⑤ Cabinet has sufficient strength for fastening to wall on both ends without intermediate support.
- ⑥ Internal J-Box(es) for electrical wiring.
- ⑦ 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.
- ⑧ 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.
- ⑨ Circuit protection as per NEC by others.
- ⑩ 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.



MODEL NUMBER	MOUNTING A	LENGTH B
N2 36-1U	35 1/8"	36"
N2 42-1U	41 1/8"	42"
N2 48-1U	47 1/8"	48"
N2 60-2U	59 1/8"	60"
N2 64-2U	63 1/8"	64"
N2 72-2U	71 1/8"	72"
N2 78-2U	77 1/8"	78"
N2 84-2U	83 1/8"	84"
N2 96-2U	95 1/8"	96"
N2 96-3U	95 1/8"	96"
N2 108-3U	107 1/8"	108"
N2 120-3U	119 1/8"	120"
N2 144-3U	143 1/8"	144"
N2 144-4U	143 1/8"	144"



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



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JOB: _____

ARCHITECT/ENGINEER: _____
CONTRACTOR: _____

DRWG.: _____
SHEET _____ **of** _____ **DATE:** _____

MARK	STANDARD MODEL NUMBER	NO. REQ'D	LENGTH	WEIGHT (LBS)	MOTOR HP	MOTOR RPM**	VOLTS & PHASE	MOTOR FAN DATA				Max FPM** at Nozzle	Max CFM** at Nozzle	dBA 10 ft. from Nozzle	REMARKS
								FLA* SINGLE PHASE		FLA* THREE PHASE					
								115V	208V/230V	208V/230V	460V				
	N2 36-1U		3'	65	1/2	1750		5.1	2.5/2.5	1.8/1.6	0.8	3400	2550	66	
	N2 42-1U		3' 6"	70	1/2	1750		5.1	2.5/2.5	1.8/1.6	0.8	2925	2550	66	
	N2 48-1U		4'	75	1/2	1750		5.1	2.5/2.5	1.8/1.6	0.8	2550	2550	66	
	N2 60-2U		5'	100	Two 1/2	1750		10.2	5.0/5.0	3.6/3.2	1.6	3825	5100	68	
	N2 64-2U		5' 4"	120	Two 1/2	1750		10.2	5.0/5.0	3.6/3.2	1.6	3825	5100	68	
	N2 72-2U		6'	130	Two 1/2	1750		10.2	5.0/5.0	3.6/3.2	1.6	3475	5100	68	
	N2 78-2U		6' 6"	130	Two 1/2	1750		10.2	5.0/5.0	3.6/3.2	1.6	3200	5100	68	
	N2 84-2U		7'	135	Two 1/2	1750		10.2	5.0/5.0	3.6/3.2	1.6	2925	5100	68	
	N2 96-2U		8'	145	Two 1/2	1750		10.2	5.0/5.0	3.6/3.2	1.6	2550	5100	68	
	N2 96-3U		8'	180	Three 1/2	1750		15.3	7.5/7.5	5.4/4.8	2.4	3825	7650	71	
	N2 108-3U		9'	190	Three 1/2	1750		15.3	7.5/7.5	5.4/4.8	2.4	3400	7650	71	
	N2 120-3U		10'	200	Three 1/2	1750		15.3	7.5/7.5	5.4/4.8	2.4	3060	7650	71	
	N2 144-3U		12'	215	Three 1/2	1750		15.3	7.5/7.5	5.4/4.8	2.4	2550	7650	71	
	N2 144-4U		12'	255	Four 1/2	1750		20.4	10.0/10.0	7.2/6.4	3.2	3400	10,200	73	

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, NSF 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

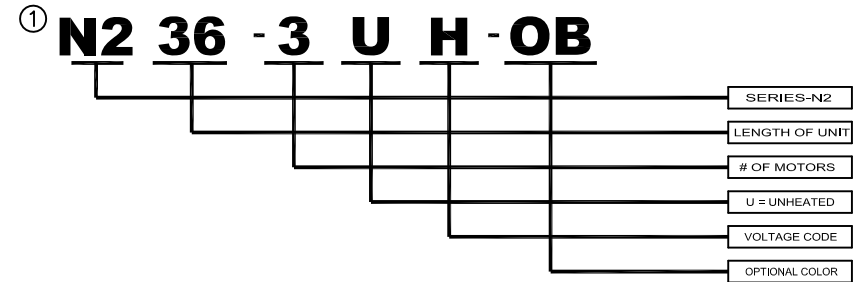
Refer to optional features and accessories page.

* - 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



SIZE	VOLTAGE	CODE
36"-144"	115/1/60	A
36"-144"	208-230/1/60	D
36"-144"	220/1/50	U
36"-144"	208-230/3/60	G
36"-144"	460/3/60	H
36"-144"	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 NSF (N2) INTERNATIONAL CERTIFIED MODELS SQ24BX2-N 11/28/11 NT