

NOTES:

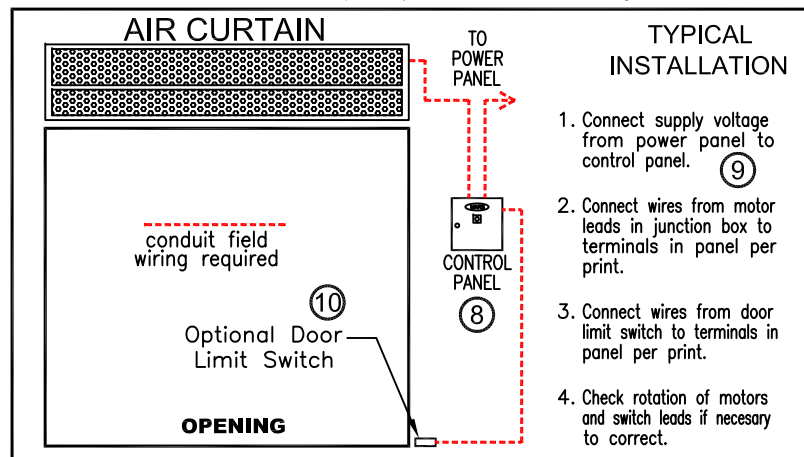
- ① This product is designed to meet the National Electric Code (NEC) and is ETL Listed for the US and Canada and bear the CE mark.
- ② 7/16" top mounting holes (4) provided, (2) on each end.
- ③ 1/2" key hole slots and 7/16" mounting holes (4) provided, (2) on each end for wall mounting.
- ④ All units have a self contained one piece cabinet, fire retardant and corrosion proof paint lock metal double protected with baked on Obsidian Black 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.



-2, -3 & -4 designates the number of motors.

*NOTE: Intake screen size and quantity varies with unit length.

MODEL NUMBER	MOUNTING LENGTH A	OVERALL LENGTH B
EP236-1U	35 1/8"	36"
EP242-1U	41 1/8"	42"
EP248-1U	47 1/8"	48"
EP260-1U	59 1/8"	60"
EP272-2U	71 1/8"	72"
EP284-2U	83 1/8"	84"
EP296-2U	95 1/8"	96"
EP2108-2U	107 1/8"	108"
EP2108-3U	107 1/8"	108"
EP2120-2U	119 1/8"	120"
EP2120-3U	119 1/8"	120"
EP2144-3U	143 1/8"	144"



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



atmosphere is everything

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EXTRA POWER 2 (EP2) 3 HP UNHEATED MODELS

JOB:**ARCHITECT/ENGINEER:**

DRWG.: _____

CONTRACTOR:

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

[illegible]

EQUIPMENT SPECIFICATIONS - Standard Features

GENERAL

Air curtain shall be a Mars® Air Systems brand air curtain: Type EP2 Industrial Unheated.

APPROVALS

Air curtain shall meet the requirements of the National Electric Code. (N.E.C.), ETL Listed for US & Canada, 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 double protected with baked on Obsidian Black color, rust preventative electrostatic polyurethane powder coating. Discharge air outlet nozzle is internal wedge shaped containing adjustable air directional aluminum 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 5 years on all parts.

ACCESSORIES

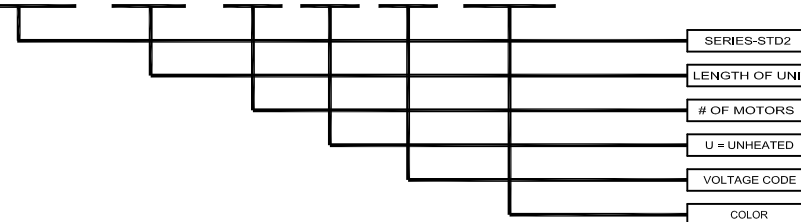
Refer to the optional features and accessories page.

* - For Ampacity Multiply FLA X 1.25

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

EXAMPLE

EP2 144-3 U H-OB



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.

EXTRA POWER 2 (EP2) 3 HP UNHEATED MODELS

SI4B2 2/18/13 FRC