

JOB:

ARCHITECT/ENGINEER:

DRWG.: _____

CONTRACTOR:

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

MARK	HEATED MODEL NUMBER ①	NO. REQ'D	LENGTH	WEIGHT (LBS)	MOTOR FAN DATA								REMARKS		
					MOTOR HP	MOTOR RPM**	VOLTS & PHASE ②	HEATER INPUT, kW ②	TOTAL AMPS ②	TEMP RISE °F ②	MAX FPM** @ NOZZLE	MAX CFM** @ NOZZLE		dBA Measured 10 ft. from Nozzle	
	STD36-1E		3'	70	1/2	1750						3400	2550	66	
	STD42-1E		3' 6"	75	1/2	1750						2925	2550	66	
	STD48-1E		4'	80	1/2	1750						2550	2550	66	
	STD60-1E		5'	85	1/2	1750						2040	2550	66	
	STD64-2E		5' 4"	155	Two 1/2	1750						3825	5100	68	
	STD72-2E		6'	160	Two 1/2	1750						3475	5100	68	
	STD78-2E		6' 6"	165	Two 1/2	1750						3200	5100	68	
	STD84-2E		7'	180	Two 1/2	1750						2925	5100	68	
	STD96-2E		8'	185	Two 1/2	1750						2550	5100	68	
	STD96-3E		8'	215	Three 1/2	1750						3825	7650	71	
	STD108-3E		9'	225	Three 1/2	1750						3400	7650	71	
	STD120-3E		10'	240	Three 1/2	1750						3060	7650	71	
	STD144-3E		12'	255	Three 1/2	1750						2550	7650	71	

NOTES: ① Refer to model chart. ② Refer to heater availability chart for parameter values.

EQUIPMENT SPECIFICATIONS - Standard Features

GENERAL: Air curtain shall be a Mars® Air Doors brand air curtain: Type Standard Electric Heated Models.

APPROVALS: Air curtain shall meet the requirements of the National Electric Code (N.E.C.) and shall be Canadian and U.S. Engineering Testing Laboratories (ETL) Certified and bear the CE mark.

CABINET

Cabinets shall be a self contained one piece housing with sufficient strength for fastening to a wall on both ends without intermediate support. Cabinet constructed of fire retardant, corrosion proof paint lock metal and double protected by gray baked rust preventative electrostatic polyurethane powdercoating. Cabinet to have mechanically field adjustable air intake louver assembly, capable of reducing outlet air velocity up to 60% with louvers in totally closed position. Discharge air outlet nozzle shall be wedge shaped containing adjustable air directional vanes with a 40' sweep front to back. Motor/Fan Assembly to be easily accessible for maintenance.

ELECTRIC HEATER COIL

The heating coils shall be an open coil type for rapid temperature rise to be located in the air curtain nozzle directly in the air stream. Thermal overload protection shall be provided by manual reset protectors, which shall directly disconnect the electric power from the heaters in the event of an overload. Secondary protectors in the heating contactor shall not be substituted.

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 quick disconnect plug for fast and easy removal of motor/fan assembly for inspection and cleaning. Motor(s) to have double extended shaft and direct drive, double inlet, dynamically balanced, forward curved squirrel cage blower wheels.

ELECTRIC WIRING

Air curtain shall contain prewired, control panel ready for power connection. Panel is mounted on right hand side of unit unless otherwise specified. Control panel adds 4 inches to unit's overall length and requires an additional 20 inches of clearance from the end of the cabinet for access to panel. Unit shall include a 24 volt thermostat with "heat/off/fan" switch, shipped loose and field installed. Terminal block provided inside panel.

GUARANTEE

Shall be 18 months on all parts.

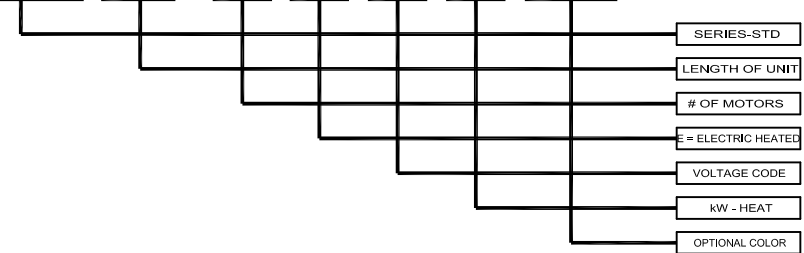
ACCESSORIES

Refer to the optional features and accessories page.

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

EXAMPLE

① **STD 60 - 1 E H H - TS**



SIZE	VOLTAGE	CODE
36"-144"	208/1/60	B
36"-144"	230/1/60	C
36"-144"	208/3/60	E
36"-144"	230/3/60	F
36"-144"	460/3/60	H
36"-144"	575/3/60	I

KW	CODE
6	B
12	H
24	N
36	S

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

MADE WITH PRIDE IN THE USA

STANDARD (STD) 1/2 HP ELECTRIC HEATED MODELS