

### Model MS90E-400E

Serial Number 900000 and higher

#### Mr.Steam Standard Features

- Stainless steel tank
- Industrial, large diameter, serviceable heating element
- Modular Plug and Play connections
- Electronic water-level control system
- Full-port drain valve
- Limited lifetime generator parts warranty

#### Safety Features

- Built-in, low-voltage 24-volt control
- ASME safety valve
- 60-minute electronic countdown shutdown with 75-minute limiting safety back-up

#### Locating and Installing the Steam Generator Unit

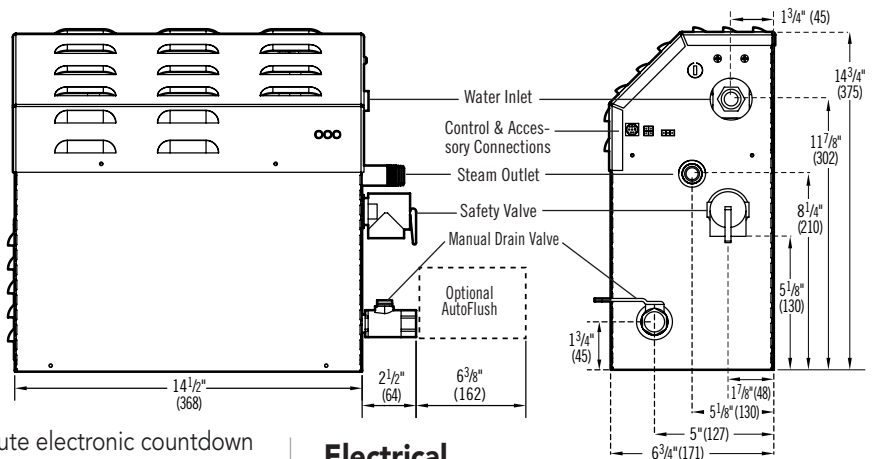
- Select a location as near as practical to the steam room, within 60 feet. Typical locations include: closet, vanity cabinet, heated attic or basement.
- Do not install steambath generator inside the steam room.
- Do not install steambath generator outdoors or wherever environmental conditions may affect the safety and/or performance of the generator.
- Do not install steambath generator or plumbing lines in unheated attic or any locations where water could freeze.
- Do not install steambath generator near flammable or corrosive materials or chemicals or in areas having a high concentration of chlorine.
- Install steambath generator on a solid and level surface or securely mounted to a wall using the keyhole slots provided.
- Install steambath generator in an upright position only.
- Provide a minimum of 12 inches at both ends and top of the steam generator or as required for servicing. Alternately provide unions to facilitate installation and disconnection of the steam generator.
- The minimum clearance from combustible surfaces is zero all around.

#### Required Plumbing

Steam Outlet (1/2" NPT)  
Water Supply (3/8" NPT)  
Steam Head (1/2" NPT)

Drain (1/2" NPT)  
Safety Valve (3/4" NPT)

**FOR ILLUSTRATIVE PURPOSES ONLY. IMPORTANT NOTE: FOR SAFE AND TROUBLE FREE INSTALLATION** visit [mrsteam.com](http://mrsteam.com) before installation to download the Installation, Operation and Maintenance Manual or refer to the manual provided with the unit.



#### Electrical

All electrical wiring to be installed by a qualified licensed electrician in accordance with National Electrical Code and local electrical code.

#### Power Wiring

1. Check power voltage. Use 240V rated unit when supply matches rating of unit before installation.
2. Use minimum 90° C/300V rated insulated copper conductors only, type THHN or equal sized in accordance with National Electrical Code and local electrical code for the Amps in Ampere Chart. If allowed by code, NM cable may require a larger wire size than as listed on the chart.
3. Connect suitably sized equipment grounding wire to ground terminal provided.
4. Install a separate circuit breaker between supply and unit. Provide a power supply disconnect within sight of the steam generator or one that is capable of being locked in the open position.

#### AMPERE CHART

Model no.	Max Room Vol. cu.ft.	KW	Volts 1 ph	Phase	Amps	Wire Size (AWG)
MS90E	100	5	208	1	24	10
			240	1	21	10
MS150E	150	6	208	1	29	8
			240	1	25	8
MS225E	225	7.5	208	1	36	8
			240	1	32	8
MS400E	360	9	208	1	44	8
			240	1	38	8

MODEL	VOLTAGE*	PHASE	OPTIONS	PROJECT INFORMATION	
<input type="checkbox"/> MS90E	<input type="checkbox"/> B=208	<input type="checkbox"/> 1-Single Phase	<input type="checkbox"/> Express Steam	Location:	Contractor:
<input type="checkbox"/> MS150E	<input type="checkbox"/> C=240	<input type="checkbox"/> 3-Three Phase		Architect:	Submitted By:
<input type="checkbox"/> MS225E			*Contact Mr. Steam for other voltages	Engineer:	Date:
<input type="checkbox"/> MS400E					
Notes:					

Required Equipment: Required Equipment:  
iSteam3, AirTempo, iTempo, iTempoPlus Controls

Optional Equipment: iGenie, AudioWizard, ChromaSteam, HomeWizard, Recessed Light, MS Light, MS Wallseat, AutoFlush, Condensation Pan, AromaSteam

