

CX Generators

Models: CX0360 – CX5000

MrSteam CX Standard Features:

- Stainless steel tank
- Industrial, large diameter, serviceable heating element
- Electronic water-level control system
- Stainless steel jacket prolongs life
- All units are wired and pre-tested before shipping to assure all parts of the generator are working perfectly
- Specifically designed for commercial applications that require continuous or near continuous use so they are available to use all day.
- Factory installed automatic drain valve
- Condensation Pan

Safety Features:

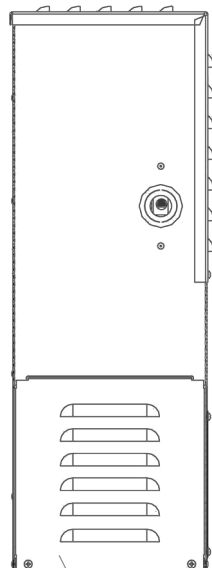
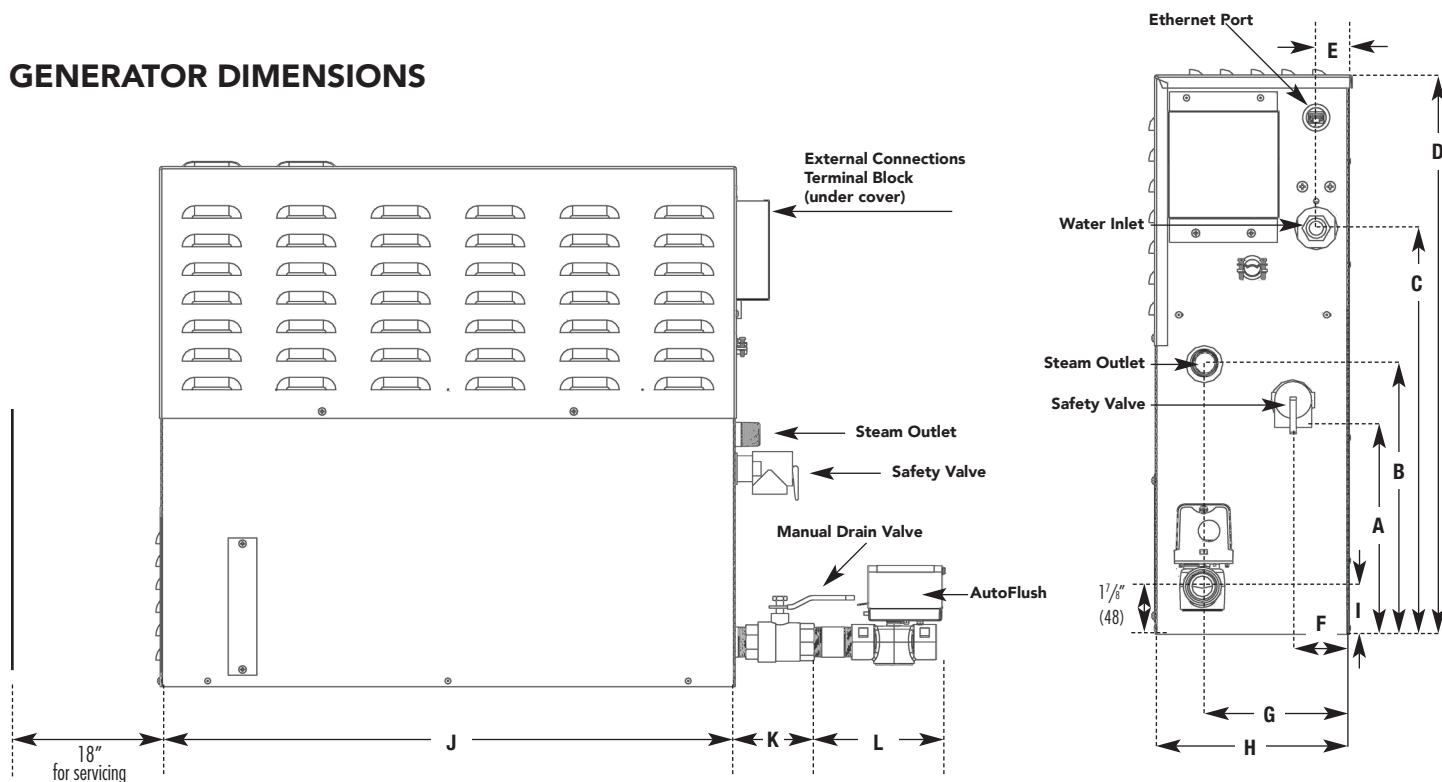
- High water shut-off
- ASME safety valve
- Internal temperature monitor
- Acrylic Shield included to help prevent burns from coming into contact with the steam head



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GENERATOR DIMENSIONS

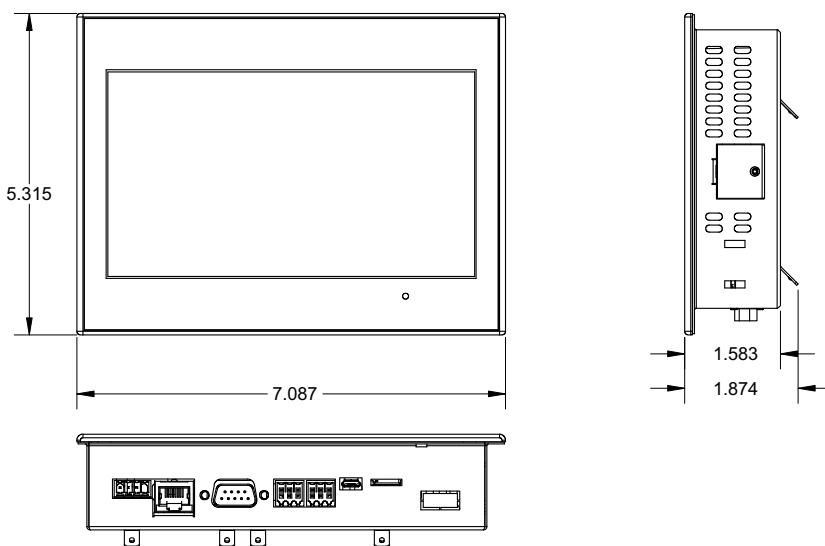


Dimensions

	CX0360-1250	
A	9 3/4	(248)
B	11	(280)
C	16 1/2	(419)
D	22	(578)
E	1 3/8	(34)
F	2 3/8	(60)
G	5 7/8	(150)
H	7 7/8	(200)
I	1 7/8	(48)
J	25 1/8	(638)
K	2 3/8	(60)
L	6 3/8	(162)

NOTES:

All units in inches (MM)



WARNING

TO AVOID EQUIPMENT DAMAGE DO NOT CONNECT POWER SUPPLY DIRECTLY TO ELEMENTS.

Connecting power directly to the elements will result in a dry fire and result in elevated temperatures and a fire hazard.

(All Drawings for Illustrative Purposes Only.)

National & Local Electrical Codes

Models: CX0360 – CX5000

POWER WIRING:

- Confirm power voltage is the same voltage that is specified on the unit.
- Connect suitable sized equipment ground

LOCATING AND INSTALLING THE CX GENERATOR CONTROL UNIT

- Mount the control on a vertical surface using either the surface or recess mount bracket provided with the control.
- The control unit requires a dedicated 120 volt outlet
- 30 feet of ethernet cable is provided for connection between the control unit and steam generator; maximum distance is 100 feet.

PLUMBING REQUIRED:

- Steam Outlet: ¾" NPT
- Steam Head: ¾" NPT
- Steam Piping: ¾" NPT (not supplied)
- Drain Outlet: 1" NPT
- Water Supply: 3/8" NPT
- Safety Valve: ¾" NPT
- Only rigid copper or brass piping shall be used for plumbing the steam and drain piping
- **DO NOT** install any valves in the steam piping
- **DO NOT** plumb the steam piping with any traps or valleys between the steam generator and steam head(s)
- **DO NOT** plumb steam piping together in multi-unit installations, each unit shall have a dedicated steam head(s)
- Recommended water feed piping shall be copper or brass. Flexible copper tubing, PVC or PEX may be used if permissible by local codes.

AMPERAGE CHART

Indicates Total Ampere Draw of Specific CU Model at Voltage & Phase Specified

Model	kW	Room Volume(FT ³)	Volts	Phase	Amps	Wire Size (AWG) for 25° C
CX0360	9	Up to 360	208	1	44	6
				3	25	8
			240	1	38	8
				3	22	10
			480	3	11	14
CX0500	12	361 - 500	208	1	58	4
				3	34	8
			240	1	50	6
				3	29	8
			480	3	14	12
CX0600	15	501 - 600	208	1	73	4
				3	42	8
			240	1	63	4
				3	37	8
			480	3	19	10
CX0800	20	601 - 800	208	1	97	1
				3	56	4
			240	1	84	3
				3	48	6
			480	3	24	8
CX1000	24	801 - 1000	208	1	116	1/0
				3	67	4
			240	1	100	1
				3	58	6
			480	3	29	8
CX1250	30	1001 - 1250	208	1	145	3/0
				3	84	2
			240	1	125	2/0
				3	73	3
			480	3	36	8
CX1600*	40 (2X 20)	1251 - 1600	208	3	112 (2X 56)	2X 4
			240	3	96 (2X 48)	2X 6
			480	3	48 (2X 24)	2X 8
CX2000*	48 (2X 24)	1601 - 2000	208	3	134 (2X 67)	2X 4
			240	3	116 (2X 58)	2X 6
			480	3	58 (2X 29)	2X 8
CX2500*	60 (2X 30)	2001 - 2500	208	3	168 (2X 84)	2X 2
			240	3	146 (2X 73)	2X 3
			480	3	72 (2X 36)	2X 8
CX3000*	72 (3X 24)	2501 - 3000	208	3	201 (3X 67)	3X 4
			240	3	174 (3X 58)	3X 6
			480	3	87 (3X 29)	3X 8
CX5000*	120 (4X 30)	3001 - 5000	208	3	336 (4X 84)	4X 2
			240	3	292 (4X 73)	4X 3
			480	3	144 (4X 36)	4X 8

* **Models:** CX1600 - CX2500 are made of two discrete generators, model CX3000 is made of three and model CX5000 is made of 4.

IMPORTANT: Use minimum 90°C insulated copper conductors only for field wiring sized in accordance with National and local electrical Codes.

CX Generators

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- ¾" NPT
- 100% solid brass
- Complete with polycarbonate Acrylic Shield
- Polished Chrome finish

LOCATION AND INSTALLATION

1. For steam rooms constructed of tile, marble or similar nonporous heat-resistant materials for the enclosure, locate steam head 12 inches above steam room floor and install MrSteam PN 103985 acrylic shield on each steamhead.

IMPORTANT: For Steam rooms using acrylic, fiberglass or other non-heat resistant materials used for steam room enclosure, install each steamhead 20-30 inches above the floor.

2. Locate each steamhead away from bather seating area and away from traffic patterns as required to prevent incidental contact with steamhead or direct steam emissions.
3. **NOTE:** To preserve the steamhead finish, do not use wrench or other tools to tighten. Use of proper thread sealant and hand tightening is usually sufficient.
4. Apply a bead of silicone around the steamhead where it meets the wall as required to prevent moisture damage.

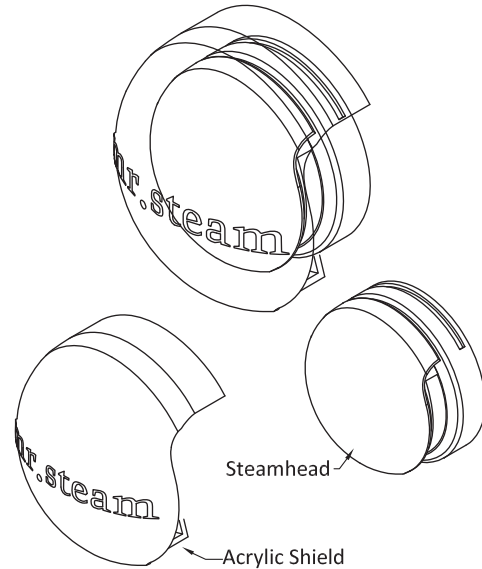
ACRYLIC SHIELD

Apply a small bead of silicone in the grooves on the top and bottom of the steamhead. Place an Acrylic Shield (PN 103985) over the steamhead until the tabs engage the grooves in the steamhead.

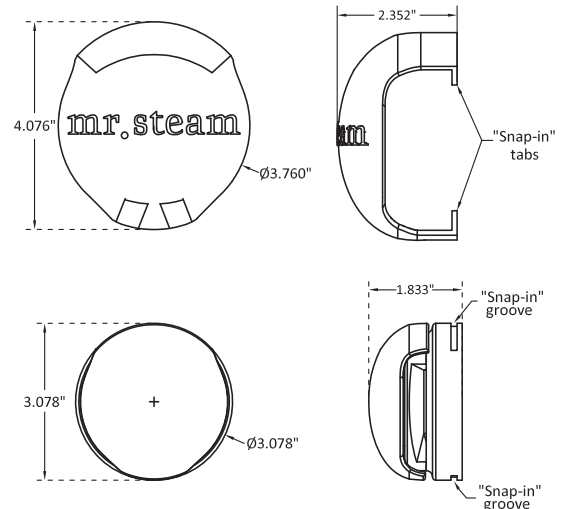
IMPORTANT: Do not use with fragrance containing aldehydes. Acrylic Shield damage may result. MrSteam oils are approved for use with this acrylic shield.

IMPORTANT NOTE: Install steamhead with acrylic shield according to orientation illustrated above. Steam vents out of steam slots to left and right of steamhead.

NOTE: 1 steam head supplied for CX0360-CX1250, 2 steam heads supplied for CX1600 - CX2500, 3 steam heads supplied with CX3000 and 4 steam heads supplied with CX5000.









STEAMHEAD/ACRYLIC SHIELD DIMENSIONS



CX Generators

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MODEL	VOLTAGE	PHASE*	OPTIONAL COMPONENTS	SUB OPTIONS	
<input type="checkbox"/> CX0360 <input type="checkbox"/> CX0500 <input type="checkbox"/> CX0600 <input type="checkbox"/> CX0800 <input type="checkbox"/> CX1000 <input type="checkbox"/> CX1250 <input type="checkbox"/> CX1600 <input type="checkbox"/> CX2000 <input type="checkbox"/> CX2500 <input type="checkbox"/> CX3000 <input type="checkbox"/> CX5000	<input type="checkbox"/> 208 <input type="checkbox"/> 240 <input type="checkbox"/> 480	<input type="checkbox"/> 1-Single <input type="checkbox"/> 3-Single		<input type="checkbox"/> AromaFlo Oil Delivery System	<input type="checkbox"/> Eucalyptus Oil <input type="checkbox"/> Lavender Oil
				<input type="checkbox"/> Recessed Light	
				<input type="checkbox"/> CU SteamStop	
				<input type="checkbox"/> Room Timer	<input type="checkbox"/> Mechanical <input type="checkbox"/> Digital
				<input type="checkbox"/> CU Alarm	
				<input type="checkbox"/> Over Temperature Alarm & Shut Off Device	
<small>*Single Phase is only available for Models CX0360 - CX1000</small>					

PROJECT INFORMATION	
Location:	Contractor:
Architect:	Submitted By:
Engineer:	Date:
Notes:	

FOR ILLUSTRATIVE PURPOSES ONLY. IMPORTANT NOTE: FOR SAFE AND TROUBLE FREE INSTALLATION Before installation, visit mrsteam.com to download the Installation, Operation and Maintenance Manual or refer to the manual provided with the unit.