

Since 1966

CHRONOMITE®

Electric Tankless Water Heaters



InviZible® (Z series)
Z-S1616D



CompliantMix® (CMI SERIES)



InviZible® (Z series)
Z-R1818D



NEO-METRO® BY ACORN
WEDGE™ BASIN MODEL NO. 9163
(FAUCETS BY OTHERS)

CHRONOMITE[®] ELECTRIC TANKLESS WATER HEATERS

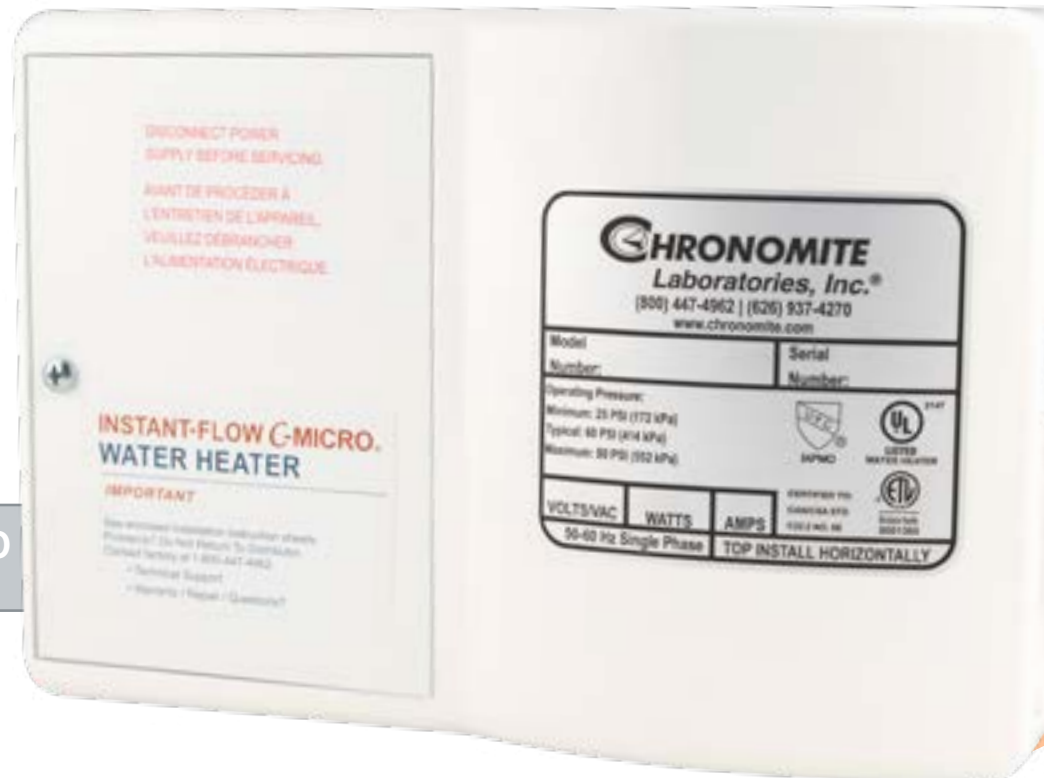
HOT AND TEPID WATER WITH A SNAP OF A FINGER!

Since 1966, Chronomite Laboratories, Inc. has been the innovative leader in providing electric tankless water heaters. Chronomite Founder, Bob Russell, coined the word Chronomite, based on the Chronometer, a precise watch that keeps correct time despite environmental changes.

Bob envisioned the creation of a company that provides reliable electric tankless water heaters that supply endless hot or tepid water, saving space, energy, water and time.

Our customers come to us because we make sizing water heaters easier. We manufacture instantaneous electric tankless water heaters for mixed-use developments, retail, apartments, condos, institutions, schools, hospitals, hotels, hospitality, public hand washing and safety eye wash and shower equipment. Because it can be difficult, we make it easy. That is what we do.

INSTANT-FLOW[®] C-MICRO
MODEL CM SERIES



CHRONOMITE TANKLESS ELECTRIC WATER HEATERS COME IN MANY MODELS TO PROVIDE FEATURES AND BENEFITS FOR ALMOST ANY APPLICATION.

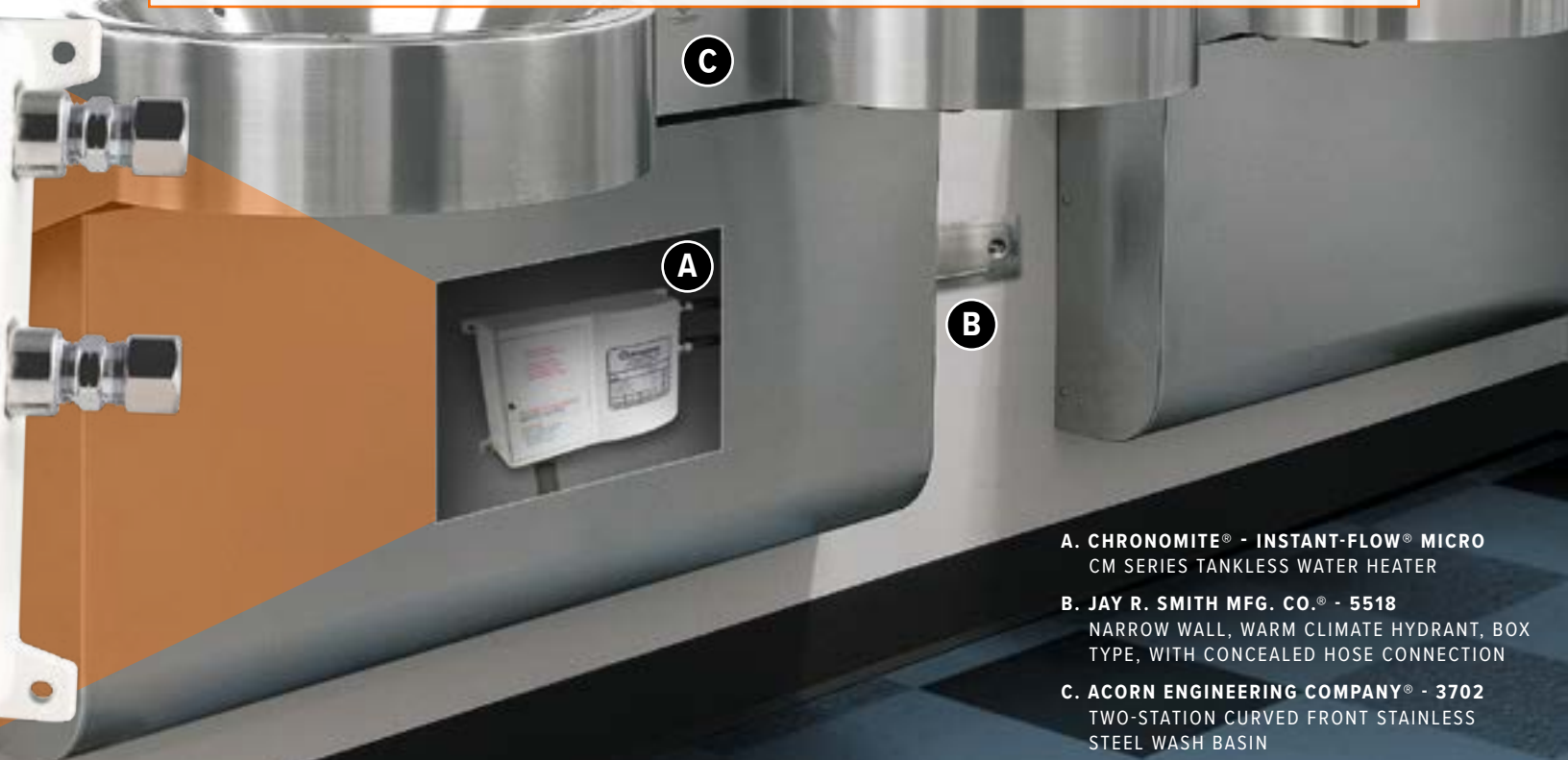
- Unlimited Hot Water
- Easy to Install
- Low installation costs
- No pressure and temperature relief valve
- Omni® faucet flow control & compression fittings included
- Saves Energy & Water
- 99% Energy Efficient
- Meets CALGreen requirements
- Virtually eliminates alkali calcification
- Uniquely designed element assembly, which allows flow

through abrasive action of water and creates a self-cleaning feature, eliminating alkali calcification build-up

- Product Listings
UL, CSA & HUD, IAPMO



- ADA Compliant 
- Digital microprocessor technology
- Ultra-quick response times control hot water temperatures 120 times per second, eliminating the concern of scalding and the need for mixing valves (Instant-Flow® Micro™, C-Micro and Instant-Temp® heaters)



A. CHRONOMITE® - INSTANT-FLOW® MICRO
CM SERIES TANKLESS WATER HEATER

B. JAY R. SMITH MFG. CO.® - 5518
NARROW WALL, WARM CLIMATE HYDRANT, BOX
TYPE, WITH CONCEALED HOSE CONNECTION

C. ACORN ENGINEERING COMPANY® - 3702
TWO-STATION CURVED FRONT STAINLESS
STEEL WASH BASIN

10 STEPS TO INSTALLING YOUR CHRONOMITE WATER HEATER

(estimated time: 15 minutes)

Proper installation and maintenance of your instantaneous water heater can optimize its energy efficiency and lifespan.

1. Before beginning, turn off the breaker and disconnect the electrical supply to the area. Shut off water supply to the fixture. Double check that everything has been turned off prior to proceeding.
2. Access electrical connections within by unscrewing and removing the front face plate on the Chronomite unit. Set aside screw in a safe place.
3. Mount Chronomite unit in desired location using heavy-duty metal screws, making sure to pull existing electrical wires through supplied hole in the back of the heater unit. Each corner of the unit has a mounting bracket.
4. Connect electrical supply wires to the electrical connections from the unit, making sure to tighten all connections securely.
5. Close the front face-plate and screw securely closed.
6. Connect the Cold Water supply line from the water source to the bottom Cold/Hot inlet compression fitting opening on the Chronomite unit. Chronomite Tankless Water Heaters require only one cold water intake, eliminating the need for excess lines.
7. Connect the Hot Water supply line from the top Cold/Hot inlet compression fitting opening on the Chronomite unit to the sink.
8. Reopen water supply line to the unit and turn on sink for 2 to 3 minutes to purge air from the lines (Note: water will not run at temperature until the breaker is turned back on in step #10).
9. Screw your Flow Control (supplied) onto your faucet/fixture head.
10. Once purged, turn on your breaker and enjoy your new Chronomite Tankless Electric Water Heater at temperature.

If you experience any difficulties with your installation, please contact us for further assistance.

FOR OPTIMAL PERFORMANCE, CHRONOMITE ELECTRIC TANKLESS WATER HEATERS SHOULD ALWAYS BE INSTALLED WITHIN 18 INCHES OF THE POINT OF USE.



MODEL SR SERIES
INSTANT-FLOW® SR

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MODEL CM SERIES
INSTANT-FLOW® C-MICRO

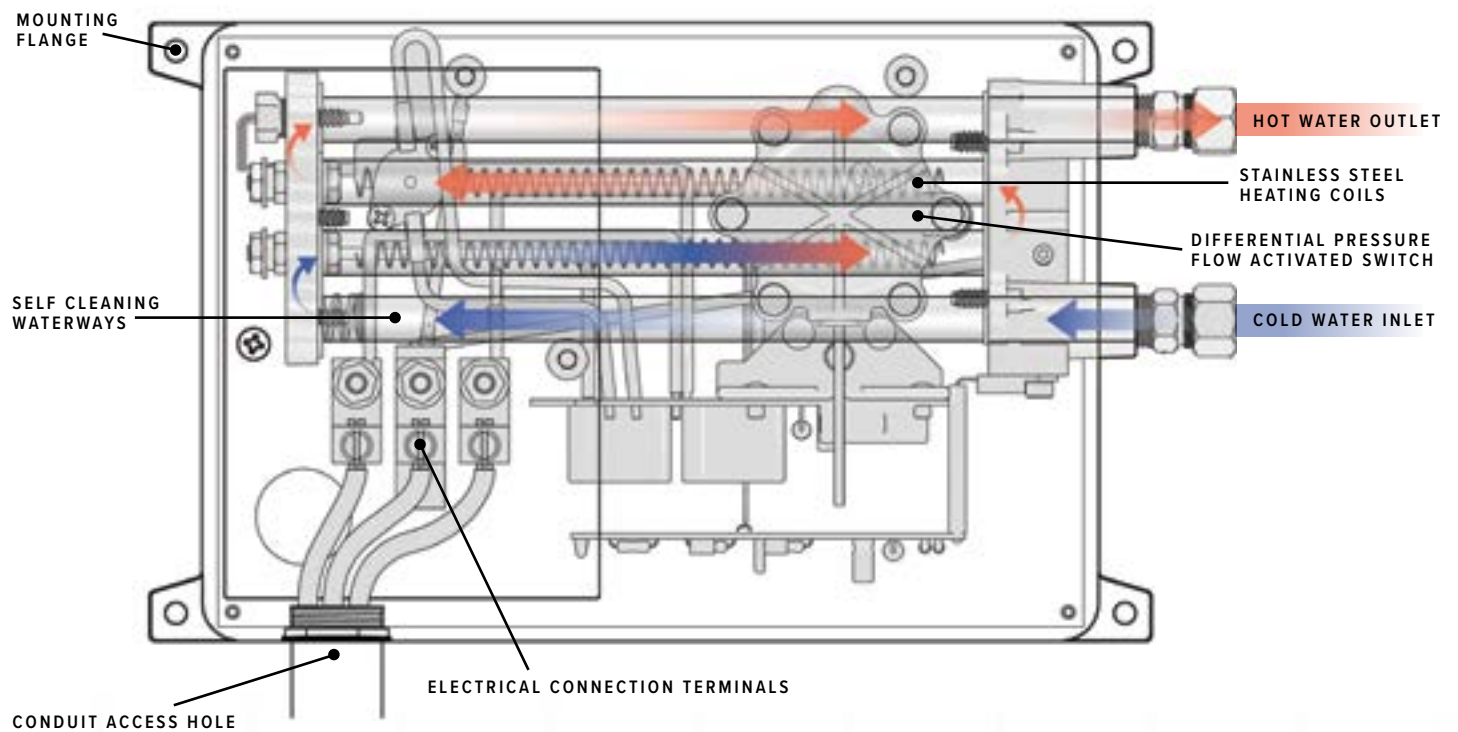
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MODEL CMI SERIES
COMPLIANTMIX®

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HOW IT WORKS



A. CHRONOMITE® - INSTANT-FLOW® C-MICRO
CM SERIES TANKLESS WATER HEATER

B. NEO-METRO® BY ACORN - 9152
SLAB EDGE

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LEGACY



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Instant-Flow® Micro Mix®
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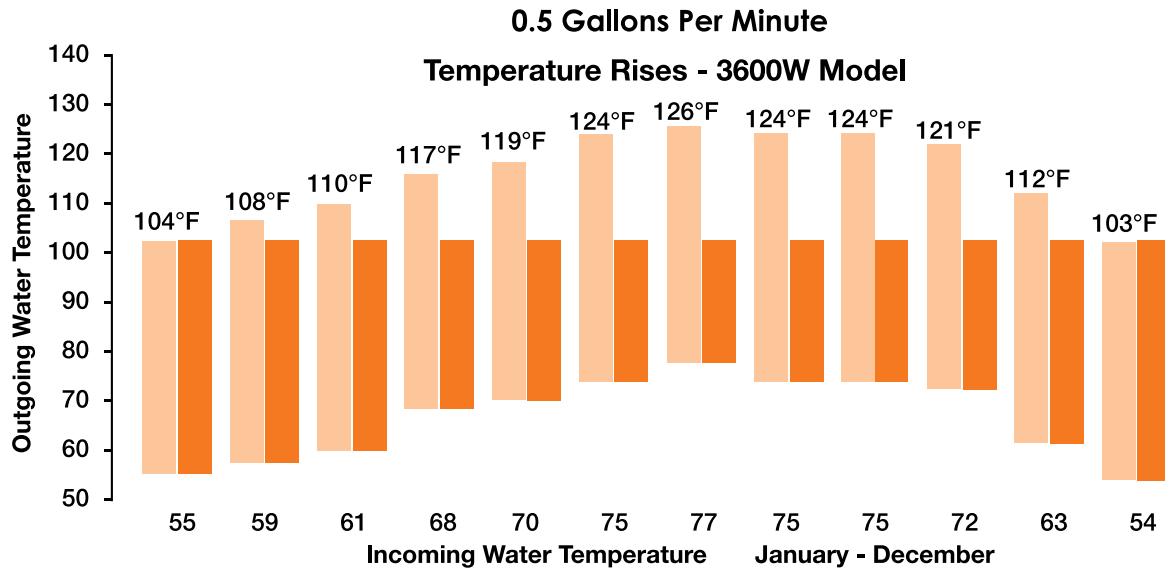


NON-THERMOSTATIC
VS.
THERMOSTATIC



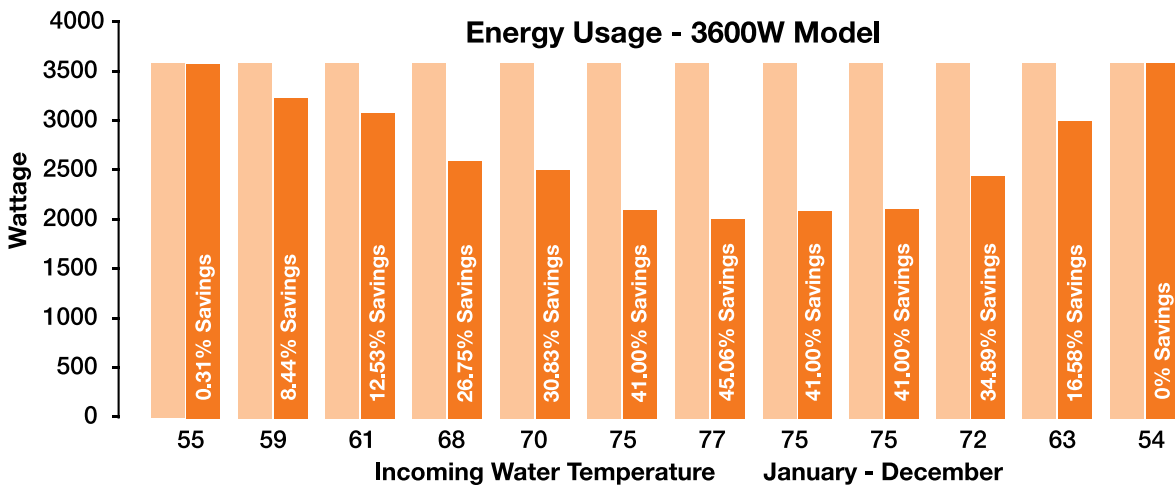
TEMPERATURE RISE

NON-THERMOSTATIC (SR MODELS) VS. THERMOSTATIC (CM MODELS)



ENERGY EFFICIENCY

NON-THERMOSTATIC (SR MODELS) VS. THERMOSTATIC (CM MODELS)



Instant Flow® SR Instant Flow® C-Micro

Since 1966

POINT-OF-USE NON-THERMOSTATIC TANKLESS WATER HEATER

Instant-Flow® SR series
0.35 and 0.65 GPM activation



MODEL SR SERIES
INSTANT-FLOW® SR

IDEAL APPLICATIONS

Hospitality sink and Manual hand washing faucets

NOTE:
DO NOT USE THERMOSTATIC MIXING VALVE OR HANDS FREE FAUCET WITH SR SERIES



SUFFIX OPTION	DESCRIPTION
P	ABS Housing
SS	Satin Finish Stainless housing
SSP	Polished Stainless Housing
AP-13	T&P Valve Assembly
NPT08	1/2" Male NPT Connection
NPT12	3/4" Male NPT Connection - ABS only
2095-1	Disconnect Switch (Nema 4x Rated)

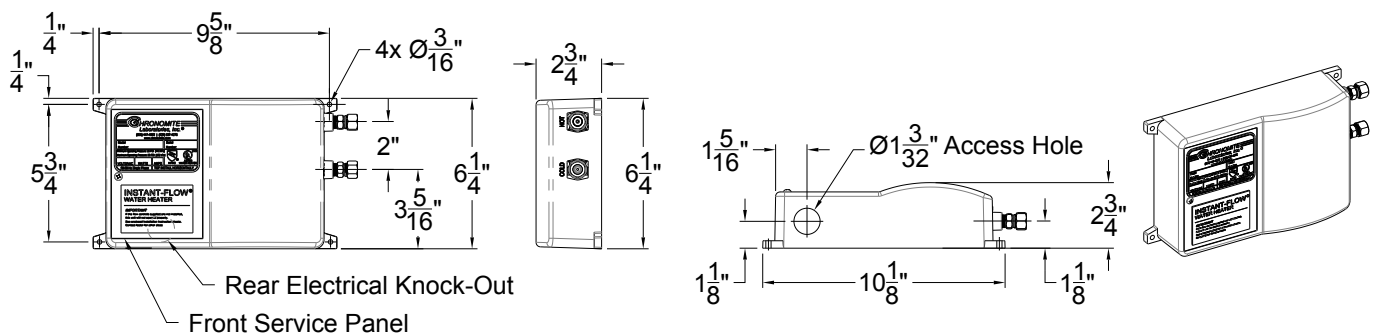
FEATURES AND BENEFITS

- 0.35 gallon (1.3 liter) per minute low activation
- 0.65 gallon (2.5 liter) per minute standard activation
- Unlimited hot water
- Compact 6-1/4 height x 9-5/8 x 2-3/4" (159 x 244 x 70 mm) size
- Meets ADA requirements

INSTANT FLOW® - SR SERIES										
LOW FLOW						°F TEMPERATURE RISE @				
MODEL	ACTIVATION GPM	VOLTS	KW	AMPS	90°C WIRE	0.35 GPM	0.5 GPM	1.0 GPM	1.5 GPM	2.0 GPM
SR-15L/120	0.35	120	1.80	15	14 AWG	35	25	12	8	6
SR-20L/120	0.35	120	2.40	20	12 AWG	47	31	16	11	8
SR-30L/120	0.35	120	3.60	30	10 AWG	70	49	25	16	12
SR-20L/208	0.35	208	4.16	20	12 AWG	81	57	28	19	14
SR-20L/240	0.35	240	4.80	20	12 AWG	90+	66	33	22	16
SR-15L/277	0.35	277	4.15	15	14 AWG	81	57	28	19	14
SR-20L/277	0.35	277	5.54	20	12 AWG	90+	76	38	25	19

INSTANT FLOW® - SR SERIES										
STANDARD FLOW						°F TEMPERATURE RISE @				
MODEL	ACTIVATION GPM	VOLTS	KW	AMPS	90°C WIRE	0.65 GPM	1.0 GPM	1.5 GPM	2.0 GPM	
SR-30/208	0.65	208	6.24	30	10 AWG	66	41	28	21	
SR-40/208	0.65	208	8.32	40	8 AWG	87	57	38	28	
SR-30/240	0.65	240	7.20	30	10 AWG	76	49	33	25	
SR-40/240	0.65	240	9.60	40	8 AWG	90+	66	44	33	
SR-30/277	0.65	277	8.31	30	10 AWG	87	57	38	28	

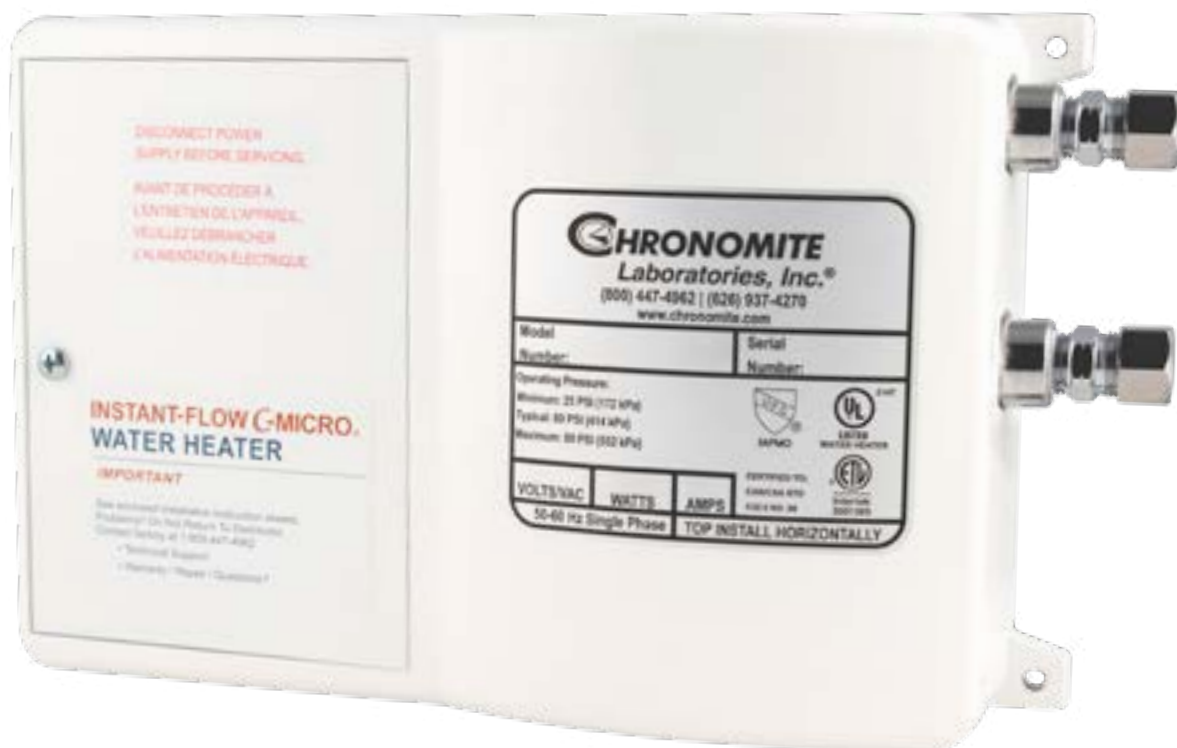
Note : Local plumbing and electrical codes must be followed for this installation of the water heater and accessories.



POINT-OF-USE THERMOSTATIC TANKLESS WATER HEATER

Instant-Flow® C-Micro® CM series

0.20 GPM Activation



IDEAL APPLICATIONS

Manual, metering, or sensor hand washing faucets, Bar and utility sink

FEATURES AND BENEFITS

SUFFIX OPTION	DESCRIPTION
P	ABS Housing
SS	Satin Finish Stainless housing
SSP	Polished Stainless Housing
N4X	Stainless Steel enclosure
ADJ	Field Adjustable Temperature
NPT08	1/2" Male NPT Connection
2095-1	Disconnect Switch (Nema 4 Rated)
C	Electrical Conduit Metallic
C-NM	Electrical Conduit Non-Metallic (Nema 4x Rated)
S1212	Access Panel
S1616D	Access Panel with Disconnect switch

- 0.2 gallon (0.35 liter) per minute activation
- Maintains consistent water temperature with digital microprocessor technology
- Meets CAL GREEN and LEED v4 low flow requirements
- Meets ADA, UL, UPC and IAPMO, ETL.
- Eliminates scalding
- Preset factory temperature of 104° to 160°F (40° to 71°C) with no mixing valve required
- Optional field adjustment temperature 104° to 125°F (40° to 52°C) - use Option -ADJ

INSTANT FLOW® - MICRO™ CM SERIES										
LOW FLOW						°F TEMPERATURE RISE @				
MODEL	ACTIVATION GPM	VOLTS	KW	AMPS	90°C WIRE	0.35 GPM	0.5 GPM	1.0 GPM	1.5 GPM	2.0 GPM
CM-12L/120	0.20	120	1.44	12	14 AWG	28	20	---	---	---
CM-15L/120	0.20	120	1.80	15	14 AWG	35	25	---	---	---
CM-20L/120	0.20	120	2.40	20	12 AWG	47	33	---	---	---
CM-30L/120	0.20	120	3.60	30	10 AWG	70	49	25	---	---
CM-12L/208	0.20	208	2.50	12	14 AWG	49	34	---	---	---
CM-15L/208	0.20	208	3.12	15	14 AWG	61	43	21	---	---
CM-20L/208	0.20	208	4.16	20	12 AWG	81	57	28	---	---
CM-30L/208	0.20	208	6.24	30	10 AWG	90+	85	43	28	21
CM-40L/208	0.20	208	8.32	40	8 AWG	90+	90+	57	38	28
CM-12L/240	0.20	240	2.88	12	14 AWG	56	39	20	---	---
CM-15L/240	0.20	240	3.60	15	14 AWG	70	49	25	---	---
CM-20L/240	0.20	240	4.80	20	12 AWG	90+	66	33	22	---
CM-30L/240	0.20	240	7.20	30	10 AWG	90+	90+	49	33	25
CM-40L/240	0.20	240	9.60	40	8 AWG	90+	90+	66	44	33
CM-12L/277	0.20	277	3.32	12	14 AWG	65	45	23	---	---
CM-15L/277	0.20	277	4.15	15	14 AWG	81	57	28	---	---
CM-20L/277	0.20	277	5.54	20	12 AWG	90+	76	38	25	---
CM-30L/277	0.20	277	8.31	30	10 AWG	90+	90+	57	38	28
CM-40L/277	0.20	277	11.08	40	8 AWG	90+	90+	76	50	38

Notes: + = Above 90 Degrees
 All heaters limited to factory set max temperature
 Local plumbing and electrical codes must be followed for this installation of the water heater and accessories.
 Factory preset temperatures available at 104°F, 110°F, 120°F / Optional - (ADJ) Field Adjustable temperature available 104°F -125°F.

INVIZIBLE® C-MICRO®

MODEL CM SERIES



SUFFIX OPTION: S1616D
DIMENSION: 16X16X5-1/4
OPTIONS: STAINLESS STEEL, AKL, CL
PREFABRICATED:
PREWIRE DISCONNECT



SUFFIX OPTION: S1212
DIMENSION: 12X12X3-1/4
OPTIONS: STAINLESS STEEL, AKL, CL



MODEL NO. S1212

DIMENSION: 12X12X3-1/4
OPTIONS: STAINLESS STEEL, AKL, CL

ELECTRICAL ACCESSORIES AND ACCESS PANEL

InviZible® C-Micro® CM series



SUFFIX OPTION: 2095-1
DIMENSION: 5 1/8 X 4 5/8 X 4 3/16
NEMA 4X RATED



SUFFIX OPTION: C-NM
LENGTH: 24 INCHES
NEMA 4 RATED



POINT-OF-USE THERMOSTATIC TANKLESS WATER HEATER WITH 1070 MIXING VALVE

Instant-Flow® CompliantMix® CMI Series
0.20 activation



FEATURES AND BENEFITS

- Ultra low 0.2 gallon (0.75 liter) per minute activation
- Unlimited hot water
- 99% energy efficient
- Maintains consistent water temperature with digital microprocessor technology
- Integral ASSE 1070 and 1069 compliant thermostatic mixing valve
- Factory preset 104° or 110°F (40° to 43.3°C)
- Meets CAL Green and LEED v4 low flow requirements
- Meets ADA, UL, IAPMO, UPC, and CSA
- Made in America

UNIFORM PLUMBING CODE 413.1

- Limitation of Hot Water Temperature for Public Lavatories. Hot water delivered for public-use lavatories shall be limited to a maximum temperature of 120°F (49°C) by a device that conforms to ASSE 1070 or CSA B125.3. The water heater thermostat shall not be considered a control for meeting this provision.

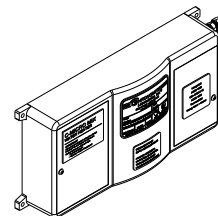
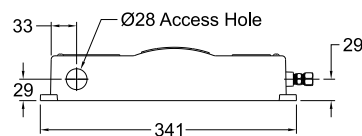
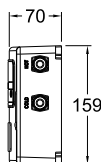
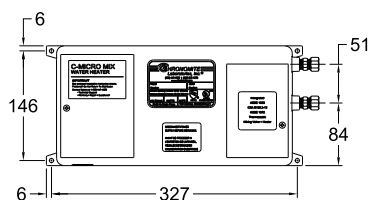
IDEAL APPLICATIONS

Public Lavatory

SUFFIX OPTION	DESCRIPTION
NPT08	1/2 male NPT connection
2095-1	Disconnect Switch (Nema 4x Rated)
C	Electrical Conduit Metallic
C-NM	Electrical Conduit Non-Metallic
C1616	Access Panel
C1616D	Access Panel with Disconnect switch



GOOD	BETTER	BEST
CM Series Instant-Flow® C-Micro  PROS Low flow activation with 0.2 GPM Meets LEED version 4 Can be used on any fixture CONS No integrated mixing valve	M-MM Series Instant-Flow® Micro-Mix® Water Heater  PROS External mix valve Certified ASSE 1070 CONS Longer assembled unit Mix valve is exposed No 0.2 GPM flow activation Can only be used for hand washing	CMI Series CompliantMix™  PROS Low flow activation with 0.2 gpm Integrated mixing valve Certified ASSE 1070 and 1069 Can be used on hand wash or showers CONS None



INSTANT FLOW® - COMPLIANTMIX™ CMI SERIES

LOW FLOW

MODEL	ACTIVATION GPM	VOLTS	KW	AMPS	90°C WIRE	°F TEMPERATURE RISE @				
						0.35 GPM	0.5 GPM	1.0 GPM	1.5 GPM	2.0 GPM
CMI-12L/120	0.20	120	1.44	12	14 AWG	28	20	---	---	---
CMI-15L/120	0.20	120	1.80	15	14 AWG	35	25	---	---	---
CMI-20L/120	0.20	120	2.40	20	12 AWG	47	33	---	---	---
CMI-30L/120	0.20	120	3.60	30	10 AWG	70	49	25	---	---
CMI-12L/208	0.20	208	2.50	12	14 AWG	49	34	---	---	---
CMI-15L/208	0.20	208	3.12	15	14 AWG	61	43	21	---	---
CMI-20L/208	0.20	208	4.16	20	12 AWG	81	57	28	---	---
CMI-30L/208	0.20	208	6.24	30	10 AWG	90+	85	43	28	21
CMI-40L/208	0.20	208	8.32	40	8 AWG	90+	90+	57	38	28
CMI-12L/240	0.20	240	2.88	12	14 AWG	56	39	20	---	---
CMI-15L/240	0.20	240	3.60	15	14 AWG	70	49	25	---	---
CMI-20L/240	0.20	240	4.80	20	12 AWG	90+	66	33	22	---
CMI-30L/240	0.20	240	7.20	30	10 AWG	90+	90+	49	33	25
CMI-40L/240	0.20	240	9.60	40	8 AWG	90+	90+	66	44	33
CMI-12L/277	0.20	277	3.32	12	14 AWG	65	45	23	---	---
CMI-15L/277	0.20	277	4.15	15	14 AWG	81	57	28	---	---
CMI-20L/277	0.20	277	5.54	20	12 AWG	90+	76	38	25	---
CMI-30L/277	0.20	277	8.31	30	10 AWG	90+	90+	57	38	28
CMI-40L/277	0.20	277	11.08	40	8 AWG	90+	90+	76	50	38

INVIZIBLE® COMPLIANTMIX®

MODEL CMI SERIES



SUFFIX OPTION: C1616D
DIMENSION: 16X16X5-1/4
OPTIONS: STAINLESS STEEL, AKL, CL
PREFABRICATED:
PREWIRE DISCONNECT



SUFFIX OPTION: C1616
DIMENSION: 16X16X3-1/4
OPTIONS: STAINLESS STEEL, AKL, CL



MODEL NO. C1616

DIMENSION: 16X16X3-1/4
OPTIONS: STAINLESS STEEL, AKL, CL

Since 1966
CHRONOMITE®
**POINT-OF-USE THERMOSTATIC
TANKLESS WATER HEATER**

Instant-Flow® C-Micro® CM series
0.20 activation



SUFFIX OPTION: 2095-1
DIMENSION: 5 1/8 X 4 5/8 X 4 3/16
NEMA 4X RATED



SUFFIX OPTION: C-NM
LENGTH: 24 INCHES
NEMA 4 RATED



CHRONOMITE®

SINGLE PHASE LARGE CAPACITY WATER HEATER

MIGHTY-MITE® R Series



IDEAL APPLICATIONS

Multi-lavs, Kitchen sink with dishwasher, Eye-face wash, Shower, Mop sink, and Scrub sink



MODEL NO. R1818D

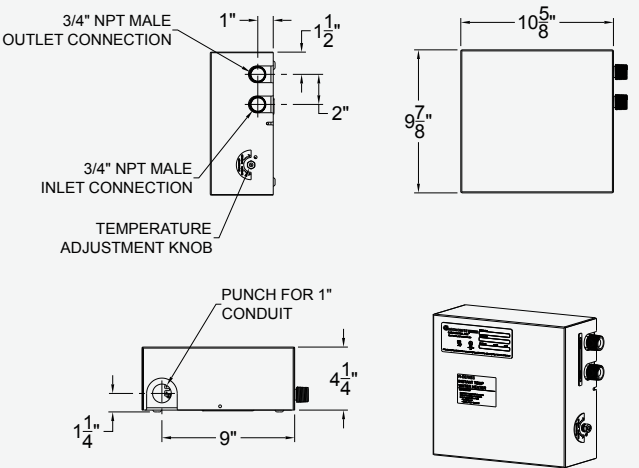
DIMENSION: 18X18X6-1/4



FEATURES AND BENEFITS

- 0.35 gallon (1.3 liter) per minute low activation
- 0.65 gallon (2.5 liter) per minute standard activation
- 1.8 gallon (6.8 liter) per minute activation factory preset at 84°F (28.9°C)
- Meets ANSI Z358.1 for tepid water
- Field adjustable from 70° to 125°F (21.1 to 51.7°C)
- Optional factory preset 70° to 160° F (21.1 to 71.1°C)
- Maintains consistent water temperature with digital microprocessor technology
- Meets ADA, UL, UPC, IAPMO

SUFFIX OPTION	DESCRIPTION
SS	Satin Finish Stainless housing
Q	Noise Suppression
DR	Digital Read Out
2095-4	Disconnect Switch(Nema 4x Rated)
Y	Strainer
A-810VR-1.5	1.5GPM Hose BiB
A-810VR-2.0	2.0GPM Hose BiB
TSH-24	Terrazzo Mop Sink
R1414	Access Panel
R1818D	Access Panel with Disconnect switch
S0440	Wall Mounted Eye Wash
S0560	Recessed Mounted Eye Wash



SINGLE PHASE LARGE CAPACITY WATER HEATER | CHARTS

MIGHTY-MITE® R Series

MIGHTY-MITE® - R SERIES												
LOW ACTIVATION FLOW RANGE .35 - 5.0 GPM						°F TEMPERATURE RISE @						
MODEL	ACTIVATION GPM	VOLTS	KW	AMPS/Ø	75°C WIRE	0.5 GPM	1.0 GPM	1.5 GPM	2.0 GPM	3.0 GPM	4.0 GPM	5.0 GPM
R-48L/208	0.35	208	10.00	48	6 AWG	90 +	68	46	34	23	---	---
R-58L/208	0.35	208	12.05	58	6 AWG	90 +	82	55	41	27	21	---
R-63L/208	0.35	208	13.10	63	4 AWG	90 +	89	60	45	30	22	---
R-68L/208	0.35	208	14.15	68	4 AWG	90 +	97	64	48	32	24	---
R-75L/208	0.35	208	15.60	75	4 AWG	90 +	90 +	71	53	36	27	21
R-48L/240	0.35	240	11.50	48	6 AWG	90 +	79	52	39	26	20	---
R-58L/240	0.35	240	13.90	58	6 AWG	90 +	90 +	63	47	32	24	---
R-63L/240	0.35	240	15.10	63	4 AWG	90 +	90 +	69	52	34	26	21
R-68L/240	0.35	240	16.30	68	4 AWG	90 +	90 +	74	56	37	28	22
R-75L/240	0.35	240	18.00	75	4 AWG	90 +	90 +	82	61	41	31	25
R-48L/277	0.35	277	13.30	48	6 AWG	90 +	90 +	61	45	30	23	---
R-58L/277	0.35	277	16.05	58	6 AWG	90 +	90 +	73	55	37	27	22
R-63L/277	0.35	277	17.45	63	4 AWG	90 +	90 +	79	60	40	30	24
R-68L/277	0.35	277	18.85	68	4 AWG	90 +	90 +	86	64	43	32	26
R-75L/277	0.35	277	20.75	75	4 AWG	90 +	90 +	90 +	71	47	35	28

MIGHTY-MITE® - R SERIES												
STANDARD ACTIVATION FLOW RANGE .65 - 5.0 GPM						°F TEMPERATURE RISE @						
MODEL	ACTIVATION GPM	VOLTS	KW	AMPS/Ø	75°C WIRE	0.65 GPM	1.0 GPM	1.5 GPM	2.0 GPM	3.0 GPM	4.0 GPM	5.0 GPM
R-48S/208	0.65	208	10.00	48	6 AWG	90 +	68	46	34	23	---	---
R-58S/208	0.65	208	12.05	58	6 AWG	90 +	82	55	41	27	21	---
R-63S/208	0.65	208	13.10	63	4 AWG	90 +	89	60	45	30	22	---
R-68S/208	0.65	208	14.15	68	4 AWG	90 +	90 +	64	48	32	24	---
R-75S/208	0.65	208	15.60	75	4 AWG	90 +	90 +	71	53	36	27	21
R-48S/240	0.65	240	11.50	48	6 AWG	90 +	79	52	39	26	20	---
R-58S/240	0.65	240	13.90	58	6 AWG	90 +	90 +	63	47	32	24	---
R-63S/240	0.65	240	15.10	63	4 AWG	90 +	90 +	69	52	34	26	21
R-68S/240	0.65	240	16.30	68	4 AWG	90 +	90 +	74	56	37	28	22
R-75S/240	0.65	240	18.00	75	4 AWG	90 +	90 +	82	61	41	31	25
R-48S/277	0.65	277	13.30	48	6 AWG	90 +	90 +	61	45	30	23	---
R-58S/277	0.65	277	16.05	58	6 AWG	90 +	90 +	73	55	37	27	22
R-63S/277	0.65	277	17.45	63	4 AWG	90 +	90 +	79	60	40	30	24
R-68S/277	0.65	277	18.85	68	4 AWG	90 +	90 +	86	64	43	32	26
R-75S/277	0.65	277	20.75	75	4 AWG	90 +	90 +	90 +	71	47	35	28

MIGHTY-MITE® - R SERIES

HIGH ACTIVATION FLOW RANGE 1.8- 5.0 GPM

MODEL	ACTIVATION GPM	VOLTS	KW	AMPS/Ø	75°C WIRE	°F TEMPERATURE RISE @				
						1.8 GPM	2.0 GPM	3.0 GPM	4.0 GPM	5.0 GPM
R-48H/208	1.8	208	10.00	48	6 AWG	38	34	23	17	14
R-58H/208	1.8	208	12.05	58	6 AWG	46	41	27	21	16
R-63H/208	1.8	208	13.10	63	4 AWG	50	45	30	22	18
R-68H/208	1.8	208	14.15	68	4 AWG	54	48	32	24	19
R-75H/208	1.8	208	15.60	75	4 AWG	59	53	36	27	21
R-48H/240	1.8	240	11.50	48	6 AWG	44	39	26	20	16
R-58H/240	1.8	240	13.90	58	6 AWG	53	47	32	24	19
R-63H/240	1.8	240	15.10	63	4 AWG	57	52	34	26	21
R-68H/240	1.8	240	16.30	68	4 AWG	62	56	37	28	22
R-75H/240	1.8	240	18.00	75	4 AWG	68	61	41	31	25
R-48H/277	1.8	277	13.30	48	6 AWG	50	45	30	23	18
R-58H/277	1.8	277	16.05	58	6 AWG	61	55	37	27	22
R-63H/277	1.8	277	17.45	63	4 AWG	66	60	40	30	24
R-68H/277	1.8	277	18.85	68	4 AWG	72	64	43	32	26
R-75H/277	1.8	277	20.75	75	4 AWG	79	71	47	35	28

HEATER IS FACTORY SET,
BEFORE NO MIXING
VALVE REQUIRED.



**PROVIDES
84 DEGREE
TEPID WATER**



84°F OUTLET

50°F INLET



MODEL NO. R-58H/277-S0440

CHRONOMITE® SINGLE-PHASE LARGE CAPACITY TANKLESS WATER HEATER

TWINS™ & TRIPLETS™ ER Series



IDEAL APPLICATIONS

Outdoor showers, Whole home,
Outdoor mop sink, Hospitality sinks,
and Outdoor emergency eye-face wash.

Can be used outside with Nema 4x enclosure above 32°F



FEATURES AND BENEFITS

- 0.35 gallon (1.32 liter) per minute low activation
- 0.80 gallon (2.46 liter) per minute standard activation
- 1.80 gallon (6.81 liter) per minute high activation
(Factory preset at 84°F (28.9°C))
- Maintains consistent water temperature with digital microprocessor technology
- Meets ADA, UL, UPC, IAPMO
- Field adjustable temperature 70° to 125°F (21.1° to 51.7°C)
- Optional factory preset temperature 70° to 160°F (21.1° to 71.1°C)
- Meets ANSE 358.1 for tepid water

SUFFIX OPTION	DESCRIPTION
SS	Satin Finish Stainless housing
N4	Nema 4 Cabinet
N4X	Stainless Steel Enclosure
DR	Digital Readout
DI	De-ionized
Y	Strainer
2095-2	Twins Disconnect Switch (Nema 4x Rated)
2095-3	Triplets Disconnect Switch (Nema 4x Rated)

SINGLE-PHASE LARGE CAPACITY TANKLESS WATER HEATER

TWINS™ & TRIPLETS™ ER Series

TWINS™ ER SERIES - SINGLE PHASE

TWINS - LOW ACTIVATION / FLOW RANGE 0.35 - 4.0 GPM

MODEL	ACTIVATION GPM	VOLTS	KW	AMPS/Ø	75°C WIRE	°F TEMPERATURE RISE @			
						1.0 GPM	2.0 GPM	3.0 GPM	4.0 GPM
ER-60L/208_12500	0.35	208	12.50	60 (2x30)	10 AWG	85	43	28	21
ER-80L/208_16600	0.35	208	16.60	80 (2x40)	8 AWG	90 +	57	38	28
ER-60L/240_14400	0.35	240	14.40	60 (2x30)	10 AWG	90 +	49	33	25
ER-80L/240_19200	0.35	240	19.20	80 (2x40)	8 AWG	90 +	66	44	33
ER-60L/277_16600	0.35	277	16.60	60 (2x30)	10 AWG	90 +	57	38	28
ER-80L/277_22200	0.35	277	22.20	80 (2x40)	8 AWG	90 +	76	51	38

TWINS™ ER SERIES - SINGLE PHASE

TWINS™-STANDARD FLOW RANGE 0.8 - 4.5 GPM

MODEL	ACTIVATION GPM	VOLTS	KW	AMPS/Ø	75°C WIRE	°F TEMPERATURE RISE @			
						1.0 GPM	2.0 GPM	3.0 GPM	4.0 GPM
ER-60S/208_12500	0.8	208	12.50	60 (2x30)	10 AWG	85	43	28	21
ER-80S/208_16600	0.8	208	16.60	80 (2x40)	8 AWG	90 +	57	38	28
ER-60S/240_14400	0.8	240	14.40	60 (2x30)	10 AWG	90 +	49	33	25
ER-80S/240_19200	0.8	240	19.20	80 (2x40)	8 AWG	90 +	66	44	33
ER-60S/277_16600	0.8	277	16.60	60 (2x30)	10 AWG	90 +	57	38	28
ER-80S/277_22200	0.8	277	22.20	80 (2x40)	8 AWG	90 +	76	51	38

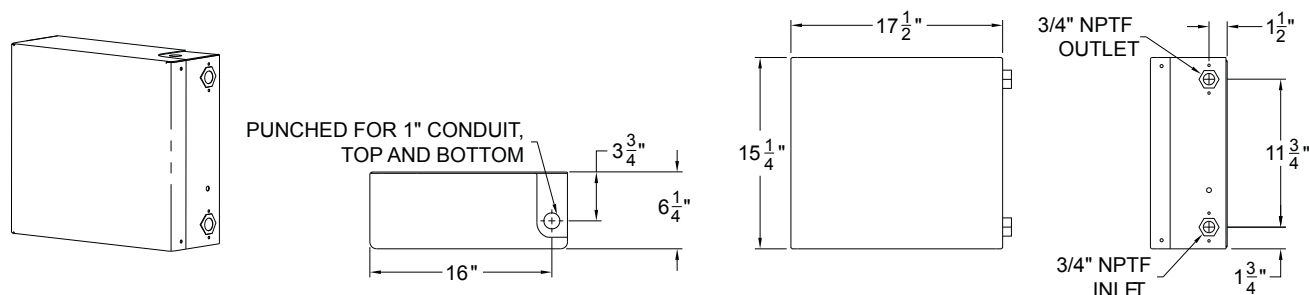
TWINS™ ER SERIES - SINGLE PHASE

TWINS™ - HIGH ACTIVATION FLOW RANGE 1.8 - 6.0 GPM

MODEL	ACTIVATION GPM	VOLTS	KW	AMPS/Ø	75°C WIRE	°F TEMPERATURE RISE @				
						1.8 GPM	3.0 GPM	4.0 GPM	5.0 GPM	6.0 GPM
ER-60H/208_12500	1.8	208	12.50	60 (2x30)	10 AWG	47	28	21	17	14
ER-80H/208_16600	1.8	208	16.60	80 (2x40)	8 AWG	63	38	28	23	19
ER-60H/240_14400	1.8	240	14.40	60 (2x30)	10 AWG	55	33	25	20	16
ER-80H/240_19200	1.8	240	19.20	80 (2x40)	8 AWG	73	44	33	26	22
ER-60H/277_16600	1.8	277	16.60	60 (2x30)	10 AWG	63	38	28	23	19
ER-80H/277_22200	1.8	277	22.20	80 (2x40)	8 AWG	84	51	38	30	25

Note : Local plumbing and electrical codes must be followed for this installation of the water heater and accessories.

Note: Factory temperature preset between 90 F°-160F° - (ADJ) Field Adjustable temperature available 70F° -125F°



TRIPLETS™ ER SERIES - SINGLE PHASE

TRIPLETS - LOW ACTIVATION / FLOW RANGE 0.35 - 4.5 GPM

MODEL	ACTIVATION GPM	VOLTS	KW	AMPS/Ø	75°C WIRE	°F TEMPERATURE RISE @			
						1.0 GPM	2.0 GPM	3.0 GPM	4.0 GPM
ER-90L/208_18700	0.35	208	18.70	90 (3x30)	10 AWG	90 +	64	43	32
ER-120L/208_25000	0.35	208	25.00	120 (3x40)	8 AWG	90 +	85	57	43
ER-90L/240_21600	0.35	240	21.60	90 (3x30)	10 AWG	90 +	74	49	37
ER-120L/240_28800	0.35	240	28.80	120 (3x40)	8 AWG	90 +	90 +	66	49
ER-90L/277_24900	0.35	277	24.90	90 (3x30)	10 AWG	90 +	85	57	43
ER-120L/277_33300	0.35	277	33.30	120 (3x40)	8 AWG	90 +	90 +	76	57

TRIPLETS™ ER SERIES - SINGLE PHASE

TRIPLETS-STANDARD ACTIVATION / FLOW RANGE 1.2 - 6.0 GPM

MODEL	ACTIVATION GPM	VOLTS	KW	AMPS/Ø	75°C WIRE	°F TEMPERATURE RISE @				
						2.0 GPM	3.0 GPM	4.0 GPM	5.0 GPM	6.0 GPM
ER-90S/208_18700	1.2	208	18.70	90 (3x30)	10 AWG	64	43	32	26	21
ER-120S/208_25000	1.2	208	25.00	120 (3x40)	8 AWG	85	57	43	34	28
ER-90S/240_21600	1.2	240	21.60	90 (3x30)	10 AWG	74	49	37	30	25
ER-120S/240_28800	1.2	240	28.80	120 (3x40)	8 AWG	90 +	66	49	39	33
ER-90S/277_24900	1.2	277	24.90	90 (3x30)	10 AWG	85	57	43	34	28
ER-120S/277_33000	1.2	277	33.30	120 (3x40)	8 AWG	90 +	76	57	45	38

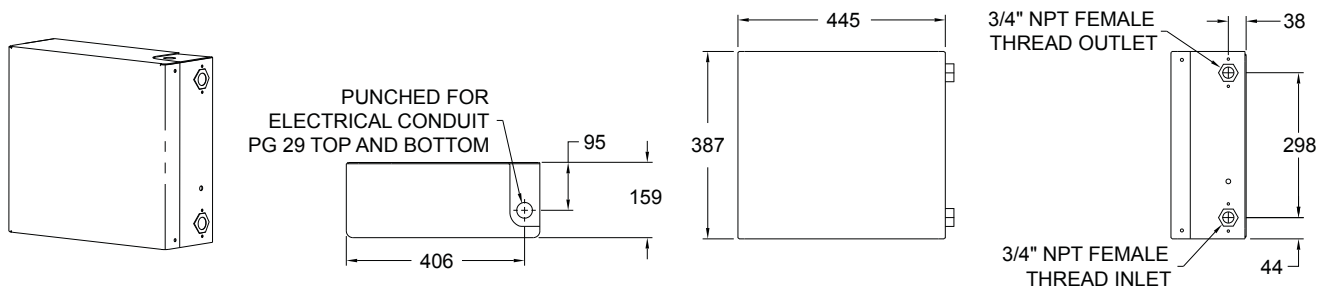
TRIPLETS™ ER SERIES - SINGLE PHASE

TRIPLETS - HIGH ACTIVATION / FLOW RANGE 2.8 - 8.0 GPM

MODEL	ACTIVATION GPM	VOLTS	KW	AMPS/Ø	75°C WIRE	°F TEMPERATURE RISE @					
						3.0 GPM	4.0 GPM	5.0 GPM	6.0 GPM	7.0 GPM	8.0 GPM
ER-90H/208_18700	2.8	208	18.70	90 (3x30)	10 AWG	43	32	26	21	18	16
ER-120H/208_25000	2.8	208	25.00	120 (3x40)	8 AWG	57	43	34	28	24	21
ER-90H/240_21600	2.8	240	21.60	90 (3x30)	10 AWG	49	37	30	25	21	18
ER-120H/240_28800	2.8	240	28.80	120 (3x40)	8 AWG	66	49	39	33	28	25
ER-90H/277_24900	2.8	277	24.90	90 (3x30)	10 AWG	57	43	34	28	24	21
ER-120H/277_33000	2.8	277	33.30	120 (3x40)	8 AWG	76	57	45	38	32	28

Note : Local plumbing and electrical codes must be followed for this installation of the water heater and accessories.

Note: Factory temperature preset between 90 F°-160F° - (ADJ) Field Adjustable temperature available 70F° -125F°



THREE-PHASE LARGE CAPACITY TANKLESS WATER HEATER

TRIPLETS™ ER Series



IDEAL APPLICATIONS

Outdoor showers, Whole home,
Outdoor mop sink, Hospitality sinks,
and Outdoor emergency eye-face wash.

Can be used outside with Nema 4x enclosure above 32°F



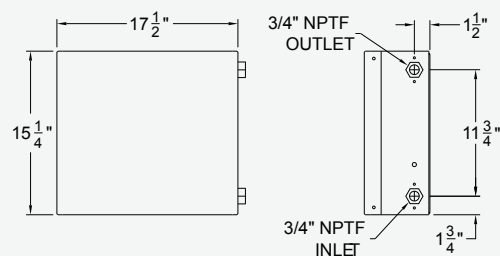
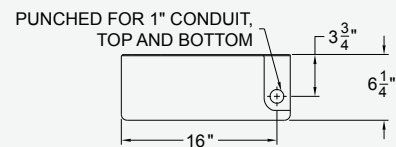
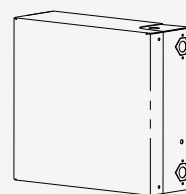
MODEL NO. TSH24



MODEL NO. S0440



SUFFIX OPTION	DESCRIPTION
SS	Satin Finish Stainless housing
N4	Nema 4x Cabinet
N4X	Stainless Steel Enclosure
DR	Digital readout
DI	De-ionized
Y	Y-strainer
2095-4	Disconnect Switch (Nema 4 Rated)
A-810VR-2.0	2.0 GPM Hose Bib Adapter
A-810VR-2.5	2.5 GPM Hose Bib Adapter
S0440	Wall Mounted Eye Wash
S0560	Recess Mounted Eye Wash
TSH24	Terrazzo Mop 24x24x12



THREE-PHASE LARGE CAPACITY TANKLESS WATER HEATER

TRIPLETS™ ER Series

TRIPLETS ER SERIES - THREE PHASE

LOW ACTIVATION / FLOW RANGE 0.35 - 4.5 GPM

MODEL	ACTIVATION GPM	VOLTS	KW	AMPS/Ø	75°C WIRE	°F TEMPERATURE RISE @				
						1.0 GPM	2.0 GPM	3.0 GPM	4.0 GPM	4.5 GPM
ER-90L/208_3P	0.35	208	18.70	52	6 AWG	90 +	64	43	32	28
ER-120L/208_3P	0.35	208	24.96	69	4 AWG	90 +	85	57	43	38
ER-90L/240_3P	0.35	240	21.60	52	6 AWG	90 +	74	49	37	33
ER-120L/240_3P	0.35	240	28.80	69	4 AWG	90 +	90 +	66	49	44
ER-42L/480_3P	0.35	480	20.00	24	10 AWG	90 +	68	46	34	30
ER-50L/480_3P	0.35	480	24.00	29	10 AWG	90 +	82	55	41	36
ER-60L/480_3P	0.35	480	28.80	35	8 AWG	90 +	90 +	66	49	44
ER-67L/480_3P	0.35	480	32.00	38	8 AWG	90 +	90 +	73	55	49
ER-90L/480_3P	0.35	480	43.20	52	6 AWG	90 +	90 +	90 +	74	66

TRIPLETS ER SERIES - THREE PHASE

STANDARD ACTIVATION / FLOW RANGE 1.2 - 6.0 GPM

MODEL	ACTIVATION GPM	VOLTS	KW	AMPS/Ø	75°C WIRE	°F TEMPERATURE RISE @					
						1.2 GPM	2.0 GPM	3.0 GPM	4.0 GPM	5.0 GPM	6.0 GPM
ER-90S/208_3P	1.2	208	18.70	52	6 AWG	90 +	64	43	32	26	21
ER-120S/208_3P	1.2	208	24.96	69	4 AWG	90 +	85	57	43	34	28
ER-90S/240_3P	1.2	240	21.60	52	6 AWG	90 +	74	49	37	30	25
ER-120S/240_3P	1.2	240	28.80	69	4 AWG	90 +	90 +	66	49	39	33
ER-42S/480_3P	1.2	480	20.00	24	10 AWG	90 +	68	46	34	27	23
ER-50S/480_3P	1.2	480	24.00	29	10 AWG	90 +	82	55	41	33	27
ER-60S/480_3P	1.2	480	28.80	35	8 AWG	90 +	90 +	66	49	39	33
ER-67S/480_3P	1.2	480	32.00	38	8 AWG	90 +	90 +	73	55	44	36
ER-90S/480_3P	1.2	480	43.20	52	6 AWG	90 +	90 +	90 +	74	59	49
ER-120S/480_3P	1.2	480	57.60	69	4 AWG	90 +	90 +	90 +	90 +	79	66

TRIPLETS ER SERIES - THREE PHASE

HIGH ACTIVATION / FLOW RANGE 2.8 - 8.0 GPM

MODEL	ACTIVATION GPM	VOLTS	KW	AMPS/Ø	75°C WIRE	°F TEMPERATURE RISE @						
						2.8 GPM	3.0 GPM	4.0 GPM	5.0 GPM	6.0 GPM	7.0 GPM	8.0 GPM
ER-90H/208_3P	2.8	208	18.70	52	6 AWG	46	43	32	26	21	18	16
ER-120H/208_3P	2.8	208	24.96	69	4 AWG	61	57	43	34	28	24	21
ER-90H/240_3P	2.8	240	21.60	52	6 AWG	53	49	37	30	25	21	18
ER-120H/240_3P	2.8	240	28.80	69	4 AWG	70	66	49	39	33	28	25
ER-42H/480_3P	2.8	480	20.00	24	10 AWG	49	46	34	27	23	20	17
ER-50H/480_3P	2.8	480	24.00	29	10 AWG	59	55	41	33	27	23	20
ER-60H/480_3P	2.8	480	28.80	35	8 AWG	70	66	49	39	33	28	25
ER-67H/480_3P	2.8	480	32.00	38	8 AWG	78	73	55	44	36	31	27
ER-90H/480_3P	2.8	480	43.20	52	6 AWG	90 +	90 +	74	59	49	42	37
ER-120H/480_3P	2.8	480	57.60	69	4 AWG	90 +	90 +	90 +	79	66	56	49

OMNI FLOW CONTROLS

use Laminar Flow to provide a solid stream of water that has improved wetting ability, meaning you can use a smaller water heater and still get the performance you need.

TRUE PRESSURE COMPENSATION

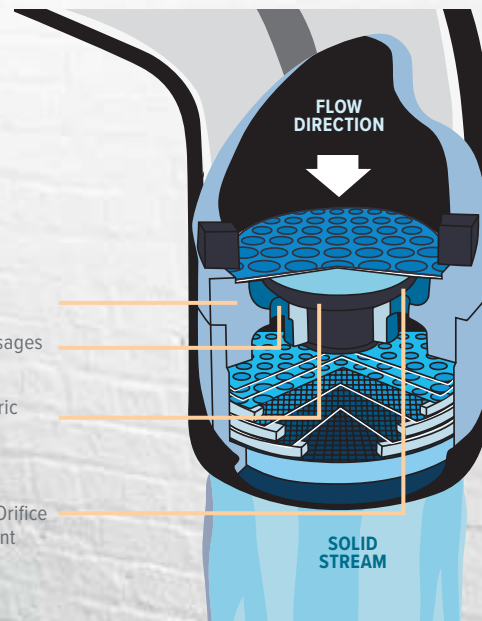
Omni® Product's Pressure COmpensating Flow Controls maintain a constant uniform flow over a wide range of inlet pressures. As shown by the diagram, this is accomplished by channeling water down the inside wall of the Upper Cartridge Housing (1) to the Flow Passages (2). The space between the "T" Elastomeric Control Element(3) and the base of the Upper Cartridge Housing creates the Variable Orifice Adjustment Area (4).

LAMINAR FLOW MEANS:

- Fluid Particles Move in parallel layers
- Each layer has a constant velocity and is in relative motion to its neighbor
- Very Lo flow velocity in comparison to aerated streams
- Acrystal clear, solid stream of water
- No splash, improved wetting ability, excellent cohesion, softness, low velocity



SPOUT ASSEMBLY



- 1 Upper Cartridge
- 2 Flow Passages
- 3 Elastomeric Control Element "T"
- 4 Variable Orifice Adjustment Area

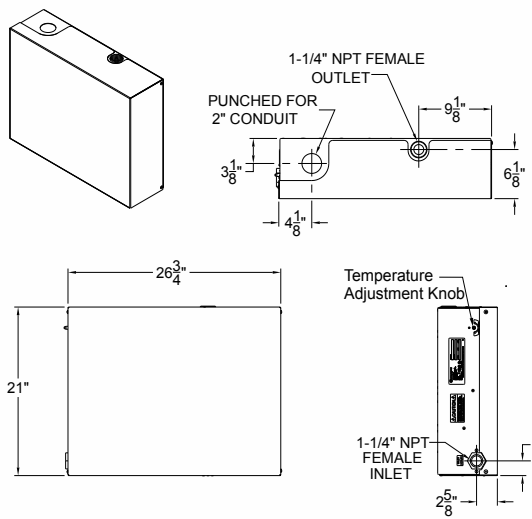


THREE-PHASE LARGE CAPACITY TANKLESS WATER HEATER

BOXER® ERB Series



MODEL ERB SERIES



IDEAL APPLICATIONS

Combination emergency drench
shower + eye-face wash



FEATURES AND BENEFITS

- 2.6 gallon (9.8 liter) per minute low activation
- 6.0 gallon (22.7 liter) per minute standard activation
- 9.0 gallon (34.1 liter) per minute high activation (Factory preset at 84°F (28.9°C))
- Option -ADJ Temperature 70° to 125°F (21.1° to 51.7°C)
- Optional Factory Preset 70° to 160°F (21.1° to 71.1°C)
- Maintains consistent water temperature with digital microprocessor technology
- Meets ADA, UL, UPC, IAPMO
- Meets ANSE 358.1 for Tepid Water

SUFFIX OPTION	DESCRIPTION
N4	Nema 4 Grey Finish Housing
N4X	Nema 4 Stainless Steel Finishing
NX4316	Nema 4316 Stainless Steel
DI	De-ionized
G	GFCI
V*	Booster Pump
B*	Freeze Protection
A	Auxilliary Contact
Y	Y-Strainer
Z*	Siren Beacon
DR	Digital Read out
J	Fused Disconnect Switch
U	Non-Fused Disconnect Switch
K*	Explosion Proof
L*	Legs
S2160-PE21-RA-PAN	Safety Shower Recess Wall Mounted
S2340-AS	Pedestal-Mounted Safety Shower

* Requires Nema Cabinet

THREE-PHASE LARGE CAPACITY TANKLESS WATER HEATER

BOXER® ERB Series

BOXER®- ERB SERIES

LOW ACTIVATION / FLOW RANGE 2.6 - 30.0 GPM

°F TEMPERATURE RISE @

MODEL	ACTIVATION GPM	VOLTS	KW	AMPS/Ø	75°C WIRE	20 GPM	23 GPM	30 GPM
ERB-180L/208_3P	2.6	208	37.40	104	2 AWG	13	11	9
ERB-270L/208_3P	2.6	208	56.20	156	2/0 AWG	19	17	13
ERB-308L/208_3P	2.6	208	64.00	178	3/0 AWG	22	19	15
ERB-360L/208_3P	2.6	208	75.00	208	4/0 AWG	26	22	---
ERB-360L/240_3P	2.6	240	86.00	208	4/0 AWG	29	26	20
ERB-180L/380_3P	2.6	380	68.40	104	2 AWG	23	20	---
ERB-270L/380_3P	2.6	380	102.60	156	2/0 AWG	35	30	23
ERB-360L/380_3P	2.6	380	136.80	208	4/0 AWG	47	41	31
ERB-180L/415_3P	2.6	415	74.70	104	2 AWG	26	22	---
ERB-270L/415_3P	2.6	415	112.10	156	2/0 AWG	38	33	26
ERB-360L/415_3P	2.6	415	149.40	208	4/0 AWG	51	44	34
ERB-81L/480_3P	2.6	480	39.00	47	8 AWG	13	12	9
ERB-100L/480_3P	2.6	480	48.00	58	6 AWG	16	14	11
ERB-113L/480_3P	2.6	480	54.00	65	6 AWG	18	16	12
ERB-131L/480_3P	2.6	480	63.00	76	4 AWG	22	19	14
ERB-160L/480_3P	2.6	480	77.00	93	3 AWG	26	23	---
ERB-240L/480_3P	2.6	480	115.00	139	1/0 AWG	39	34	26
ERB-320L/480_3P	2.6	480	154.00	185	3/0 AWG	53	46	35
ERB-128L/600_3P	2.6	600	77.00	74	4 AWG	26	23	---
ERB-192L/600_3P	2.6	600	115.00	111	2 AWG	39	34	26
ERB-256L/600_3P	2.6	600	154.00	148	1/0 AWG	53	46	35

BOXER®- ERB SERIES

STANDARD ACTIVATION FLOW RANGE 6.0- 20 GPM

°F TEMPERATURE RISE @

MODEL	ACTIVATION GPM	VOLTS	KW	AMPS/Ø	75°C WIRE	10 GPM	20 GPM
ERB-180S/208_3P	6.0	208	37.40	104	2 AWG	26	11
ERB-270S/208_3P	6.0	208	56.20	156	2/0 AWG	38	17
ERB-308S/208_3P	6.0	208	64.00	178	3/0 AWG	44	19
ERB-360S/208_3P	6.0	208	75.00	208	4/0 AWG	51	26
ERB-360S/240_3P	6.0	240	86.00	208	4/0 AWG	59	29
ERB-180S/380_3P	6.0	380	68.40	104	2 AWG	47	23
ERB-270S/380_3P	6.0	380	102.60	156	2/0 AWG	70	35
ERB-360S/380_3P	6.0	380	136.80	208	4/0 AWG	90 +	47
ERB-180S/415_3P	6.0	415	74.70	104	2 AWG	51	26
ERB-270S/415_3P	6.0	415	112.10	156	2/0 AWG	77	38
ERB-360S/415_3P	6.0	415	149.40	208	4/0 AWG	90 +	51
ERB-160S/480_3P	6.0	480	77.00	93	3 AWG	53	26
ERB-81S/480_3P	6.0	480	39.00	47	8 AWG	27	12
ERB-100S/480_3P	6.0	480	48.00	58	6 AWG	33	14
ERB-113S/480_3P	6.0	480	54.00	65	6 AWG	37	16
ERB-131S/480_3P	6.0	480	63.00	76	4 AWG	43	19
ERB-240S/480_3P	6.0	480	115.00	139	1/0 AWG	79	39
ERB-320S/480_3P	6.0	480	154.00	185	3/0 AWG	90 +	53
ERB-128S/600_3P	6.0	600	77.00	74	4 AWG	53	26
ERB-192S/600_3P	6.0	600	115.00	111	2 AWG	79	39
ERB-256S/600_3P	6.0	600	154.00	148	1/0 AWG	90 +	53

BOXER®- ERB SERIES

HIGH ACTIVATION / FLOW RANGE 9.0 - 30.0 GPM

°F TEMPERATURE RISE @

MODEL	ACTIVATION GPM	VOLTS	KW	AMPS/Ø	75°C WIRE	20 GPM	23 GPM	30 GPM
ERB-180H/208_3P	9.0	208	37.4	104	2 AWG	13	11	9
ERB-270H/208_3P	9.0	208	56.20	156	2/0 AWG	19	17	13
ERB-308H/208_3P	9.0	208	64.00	178	3/0 AWG	22	19	15
ERB-360H/208_3P	9.0	208	75.00	208	4/0 AWG	26	22	17
ERB-360H/240_3P	9.0	240	86.00	208	4/0 AWG	29	26	20
ERB-180H/380_3P	9.0	380	68.40	104	2 AWG	23	20	16
ERB-270H/380_3P	9.0	380	102.60	156	2/0 AWG	35	30	23
ERB-360H/380_3P	9.0	380	136.80	208	4/0 AWG	47	41	31
ERB-180H/415_3P	9.0	415	74.70	104	2 AWG	26	22	17
ERB-270H/415_3P	9.0	415	112.10	156	2/0 AWG	38	33	26
ERB-360H/415_3P	9.0	415	149.40	208	4/0 AWG	51	44	34
ERB-81H/480_3P	9.0	480	39.00	47	8 AWG	13	12	9
ERB-100H/480_3P	9.0	480	48.00	58	6 AWG	16	14	11
ERB-113H/480_3P	9.0	480	54.00	65	6 AWG	18	16	12
ERB-131H/480_3P	9.0	480	63.00	76	4 AWG	22	19	14
ERB-160H/480_3P	9.0	480	77.00	93	3 AWG	26	23	18
ERB-240H/480_3P	9.0	480	115.00	139	1/0 AWG	39	34	26
ERB-320H/480_3P	9.0	480	154.00	185	3/0 AWG	53	46	35
ERB-128H/600_3P	9.0	600	77.00	74	4 AWG	26	23	18
ERB-192H/600_3P	9.0	600	115.00	111	2 AWG	39	34	26
ERB-256H/600_3P	9.0	600	154.00	148	1/0 AWG	53	46	35



Model ERB with Built in Disconnect Switch

THREE-PHASE LARGE CAPACITY TANKLESS WATER HEATER

BOXER® ERB Series

TANK VS TANKLESS SAVINGS

Annual savings is based on energy required using a 5kW immersion heater to maintain 140 degrees Fahrenheit legionella free water in a storage tank yearly. Tank volume is based on minimum requirement of 20 gallon per minute of tepid water with 15 minute capability.

State	Average Commerical Electricity rate per kwh	Annual Operation Cost of a tank system with Commerical Electricity
AL	\$0.106	\$4,655.94
AK	\$0.149	\$6,539.34
AZ	\$0.095	\$4,174.14
AR	\$0.077	\$3,376.98
CA	\$0.134	\$5,873.58
CO	\$0.094	\$4,112.82
CT	\$0.147	\$6,416.70
DE	\$0.101	\$4,436.94
FL	\$0.097	\$4,231.08
GA	\$0.096	\$4,196.04
HI	\$0.349	\$15,277.44
ID	\$0.069	\$3,004.68
IL	\$0.080	\$3,499.62
IN	\$0.091	\$4,003.32
IA	\$0.080	\$3,508.38
KS	\$0.092	\$4,047.12
KY	\$0.087	\$3,823.74
LA	\$0.078	\$3,394.50
ME	\$0.115	\$5,050.14
MD	\$0.104	\$4,568.34
MA	\$0.138	\$6,061.92
MI	\$0.109	\$4,787.34
MN	\$0.088	\$3,871.92
MS	\$0.093	\$4,086.54
MO	\$0.082	\$3,591.60

State	Average Commerical Electricity rate per kwh	Annual Operation Cost of a tank system with Commerical Electricity
MT	\$0.091	\$3,998.94
NE	\$0.084	\$3,670.44
NV	\$0.088	\$3,867.54
NH	\$0.134	\$5,851.68
NJ	\$0.128	\$5,597.64
NM	\$0.093	\$4,082.16
NY	\$0.151	\$6,596.28
NC	\$0.087	\$3,793.08
ND	\$0.080	\$3,512.76
OH	\$0.095	\$4,147.86
OK	\$0.073	\$3,206.16
OR	\$0.083	\$3,639.78
PA	\$0.094	\$4,134.72
RI	\$0.119	\$5,199.06
SC	\$0.096	\$4,217.94
SD	\$0.081	\$3,547.80
TN	\$0.103	\$4,515.78
TX	\$0.082	\$3,574.08
UT	\$0.081	\$3,530.28
VT	\$0.170	\$7,450.38
VA	\$0.081	\$3,539.04
WA	\$0.077	\$3,363.84
WV	\$0.084	\$3,687.96
WI	\$0.105	\$4,603.38
WY	\$0.082	\$3,609.12



Since 1966

CHRONOMITE

LEGACY

WATER HEATERS

The Legacy Series is a collection of our older product offerings.



INSTANT-FLOW® MICRO® M SERIES
Point-of-Use Thermostatic Tankless Water Heater



INSTANT-TEMP® E SERIES
Point-of-Use Thermostatic Tankless Water Heater



INSTANT-FLOW® MICRO MIX® M-MM SERIES
Thermostatic Tankless Water Heater with Integral Mixing Valve

Point-of-Use Thermostatic Tankless Water Heater



FEATURES AND BENEFITS

- 0.35 gallon (1.3 liter) per minute low activation
- 0.65 gallon (2.5 liter) per minute standard activation
- Maintains consistent water temperature with digital microprocessor technology
- Meets ADA, UL, UPC and IAPMO, ETL, CSA
- Eliminates scalding
- Preset factory temperature of 104° to 160°F (40° to 71°C) with no mixing valve required
- Optional field adjustment temperature 104° to 125°F (40° to 52°C) - use Option -ADJ
- Compact 6-1/4 height x 9-5/8 x 2-3/4" (159 x 244 x 70 mm) size

IDEAL APPLICATIONS

Manual, metering, or sensor hand washing faucets, Bar and utility sink

INSTANT FLOW® - MICRO™ M SERIES										
LOW FLOW						°F TEMPERATURE RISE @				
MODEL	ACTIVATION GPM	VOLTS	KW	AMPS/Ø	90°C WIRE	0.35 GPM	0.5 GPM	1.0 GPM	1.5 GPM	2.0 GPM
M-20L/120	0.35	120	2.40	20	12 AWG	47	33	---	---	---
M-30L/120	0.35	120	3.60	30	10 AWG	70	49	25	---	---
M-20L/208	0.35	208	4.16	20	12 AWG	81	57	28	---	---
M-30L/208	0.35	208	6.24	30	10 AWG	90 +	85	43	28	21
M-40L/208	0.35	208	8.32	40	8 AWG	90 +	90 +	57	38	28
M-20L/240	0.35	240	4.80	20	12 AWG	91 +	66	33	22	---
M-30L/240	0.35	240	7.20	30	10 AWG	90 +	90 +	49	33	25
M-40L/240	0.35	240	9.60	40	8 AWG	90 +	90 +	66	44	33
M-15L/277	0.35	277	4.15	15	14 AWG	81	57	28	---	---
M-20L/277	0.35	277	5.54	20	12 AWG	90 +	76	38	25	---
M-30L/277	0.35	277	8.31	30	10 AWG	90 +	90 +	57	38	28

INSTANT FLOW® - MICRO™ M SERIES										
STANDARD FLOW						°F TEMPERATURE RISE @				
MODEL	ACTIVATION GPM	VOLTS	KW	AMPS/Ø	90°C WIRE	0.65 GPM	1.0 GPM	1.5 GPM	2.0 GPM	
M-30/208	0.65	208	6.24	30	10 AWG	66	43	28	21	
M-40/208	0.65	208	8.32	40	8 AWG	87	57	38	28	
M-30/240	0.65	240	7.20	30	10 AWG	76	49	33	25	
M-40/240	0.65	240	9.60	40	8 AWG	90 +	66	44	33	
M-30/277	0.65	277	8.31	30	10 AWG	87	57	38	28	
M-40/277	0.65	277	11.08	40	8 AWG	90 +	76	50	38	

Note : Wire size based on national electric code - All wire must be sized based on licensed electrician per the local code

Note: Factory temperature settings available - (ADJ) Field Adjustable temperature available 104 -125 degrees.

Note: For Sanitation optional max factory setting of 140 degrees available

INSTANT-TEMP® E SERIES

Point-of-Use Thermostatic Tankless Water Heater



IDEAL APPLICATIONS

Manual, metering, or sensor hand washing faucets, Bar and utility sink, Where tempered de-ionized water is required in point-of-use application

FEATURES AND BENEFITS

- 0.35 gallon (1.3 liter) per minute low activation
- 0.65 gpm (2.5 liters) per minute standard activation
- Maintains consistent water temperature with digital microprocessor technology
- De-ionized water option available
- Meets ADA, UL, IAPMO, UPC, CSA, and ETL
- Compact 7-5/16 height x 10-3/4 x 2-3/4" (186 x 273 x 70 mm) size
- Eliminates scalding – preset factory temperature of 104° to 160°F (40° to 71°C) with no mixing valve required
- Maintains consistent water temperature with digital microprocessor technology

SUFFIX OPTION	DESCRIPTION
Standard Housing	Rugged Steel
SS	Satin Finish Stainless housing
SSP	Polished Stainless Housing
R	Digital Temperature Remote
DI	De-Ionized (Header only)
2095-1	Disconnect Switch
EW	Eye Wash Model Factory Preset 84°F E-80+E-90 models

INSTANT TEMP® - E SERIES

LOW FLOW

MODEL	ACTIVATION GPM	VOLTS	KW	AMPS/Ø	90°C WIRE	°F TEMPERATURE RISE @				
						0.35 GPM	0.5 GPM	1.0 GPM	1.5 GPM	2.0 GPM
E-46L/208	0.35	208	4.60	22	10 AWG	90	63	31	21	---
E-60L/208	0.35	208	6.00	29	10 AWG	90 +	82	41	27	20
E-70L/208	0.35	208	7.00	34	8 AWG	90 +	90 +	48	32	24
E-80L/208	0.35	208	8.00	38	8 AWG	90 +	90 +	55	36	27
E-46L/240	0.35	240	4.60	19	12 AWG	90	63	31	21	---
E-60L/240	0.35	240	6.00	25	10 AWG	90 +	82	41	27	20
E-70L/240	0.35	240	7.00	29	10 AWG	90 +	90 +	48	32	24
E-80L/240	0.35	240	8.00	33	8 AWG	90 +	90 +	55	36	27
E-90L/240	0.35	240	9.00	38	8 AWG	90 +	90 +	61	41	31
E-46L/277	0.35	277	4.60	17	12 AWG	90	63	31	21	---
E-60L/277	0.35	277	6.00	22	10 AWG	90 +	82	41	27	20
E-70L/277	0.35	277	7.00	25	10 AWG	90 +	90 +	48	32	24
E-80L/277	0.35	277	8.00	29	10 AWG	90 +	90 +	55	36	27
E-90L/277	0.35	277	9.00	32	8 AWG	90 +	90 +	61	41	31

INSTANT TEMP® - E SERIES

STANDARD FLOW

MODEL	ACTIVATION GPM	VOLTS	KW	AMPS/Ø	90°C WIRE	°F TEMPERATURE RISE @			
						0.65 GPM	1.0 GPM	1.5 GPM	2.0 GPM
E-46S/208	0.65	208	4.60	22	10 AWG	48	31	21	---
E-60S/208	0.65	208	6.00	29	10 AWG	63	41	27	20
E-70S/208	0.65	208	7.00	34	8 AWG	74	48	32	24
E-80S/208	0.65	208	8.00	38	8 AWG	84	55	36	27
E-46S/240	0.65	240	4.60	19	12 AWG	48	31	21	---
E-60S/240	0.65	240	6.00	25	10 AWG	63	41	27	20
E-70S/240	0.65	240	7.00	29	10 AWG	74	48	32	24
E-80S/240	0.65	240	8.00	33	8 AWG	84	55	36	27
E-90S/240	0.65	240	9.00	38	8 AWG	90 +	61	41	31
E-46S/277	0.65	277	4.60	17	12 AWG	48	31	21	---
E-60S/277	0.65	277	6.00	22	10 AWG	63	41	27	20
E-70S/277	0.65	277	7.00	25	10 AWG	74	48	32	24
E-80S/277	0.65	277	8.00	29	10 AWG	84	55	36	27
E-90S/277	0.65	277	9.00	32	8 AWG	90 +	61	41	31

Note: Wire size based on national electric code - All wire must be sized based on licensed electrician per the local code

Note: Factory temperature settings available - (ADJ) Field Adjustable temperature available 104 -125 degrees.

Note: For Sanitation optional max factory setting of 140 degrees available

INSTANT-FLOW® MICRO MIX® M-MM SERIES

Thermostatic Tankless Water Heater with Integral Mixing Valve

IDEAL APPLICATIONS

Public lavatory



SUFFIX OPTION	DESCRIPTION
Standard housing	Aluminum
P	ABS Housing
SS	Satin Finish Stainless housing
SSP	Polished Stainless Housing
NPT08	1/2" Male NPT Connection
NPT12	3/4" Male NPT Connection - ABS only
ADJ	Field Adjustable Temperature
2095-1	Disconnect Switch

FEATURES AND BENEFITS

- 0.35 gallon (1.3 liter) per minute low activation
- 0.65 gallon (2.5 liter) per minute standard activation
- Maintains consistent water temperature with digital microprocessor technology
- External ASSE 1070 compliant thermostatic mixing valve
- Factory preset 104°F (40°C)
- Meets ADA, UL, IAPMO, UPC, and CSA

INSTANT FLOW® - MICRO™ M SERIES										
LOW FLOW						°F TEMPERATURE RISE @				
MODEL	ACTIVATION GPM	VOLTS	KW	AMPS/Ø	90°C WIRE	0.35 GPM	0.5 GPM	1.0 GPM	1.5 GPM	2.0 GPM
MM-20L/120	0.35	120	2.40	20	12 AWG	47	33	---	---	---
MM-30L/120	0.35	120	3.60	30	10 AWG	70	49	25	---	---
MM-20L/208	0.35	208	4.16	20	12 AWG	81	57	28	---	---
MM-30L/208	0.35	208	6.24	30	10 AWG	90 +	85	43	28	21
MM-40L/208	0.35	208	8.32	40	8 AWG	90 +	90 +	57	38	28
MM-20L/240	0.35	240	4.80	20	12 AWG	91 +	66	33	22	---
MM-30L/240	0.35	240	7.20	30	10 AWG	90 +	90 +	49	33	25
MM-40L/240	0.35	240	9.60	40	8 AWG	90 +	90 +	66	44	33
MM-15L/277	0.35	277	4.15	15	14 AWG	81	57	28	---	---
MM-20L/277	0.35	277	5.54	20	12 AWG	90 +	76	38	25	---
MM-30L/277	0.35	277	8.31	30	10 AWG	90 +	90 +	57	38	28

INSTANT FLOW® - MICRO™ M SERIES										
STANDARD FLOW						°F TEMPERATURE RISE @				
MODEL	ACTIVATION GPM	VOLTS	KW	AMPS/Ø	90°C WIRE	0.65 GPM	1.0 GPM	1.5 GPM	2.0 GPM	
MM-30/208	0.65	208	6.24	30	10 AWG	66	43	28	21	
MM-40/208	0.65	208	8.32	40	8 AWG	87	57	38	28	
MM-30/240	0.65	240	7.20	30	10 AWG	76	49	33	25	
MM-40/240	0.65	240	9.60	40	8 AWG	90 +	66	44	33	
MM-30/277	0.65	277	8.31	30	10 AWG	87	57	38	28	
MM-40/277	0.65	277	11.08	40	8 AWG	90 +	76	50	38	

Note : Wire size based on national electric code - All wire must be sized based on licensed electrician per the local code

Note: Factory temperature settings available - (ADJ) Field Adjustable temperature available 104 -125 degrees.

Note: For Sanitation optional max factory setting of 140 degrees available

TECHNICAL: HOW TO SELECT YOUR WATER HEATER & AVERAGE GROUND TEMPERATURE

SELECTING AN ELECTRIC TANKLESS WATER HEATER

There are some basic questions you should ask when deciding on a Chronomite Electric Tankless Water Heater:

1. How cold is your inlet water temperature in the winter?
2. What is the flow rate and gallons per minute you need to supply your hot water demand?
3. What is your desired outlet temperature?
 - 84°F - Emergency drench shower
 - 104°F - Hand washing and bathing
 - 110°F - ADA
 - 120°F - Meets health codes
 - Other temperatures available.

If you are unsure of the answers to these questions, please contact Chronomite, Inc. You can find us or a local representative at Chronomite.com or call 800-447-4962.

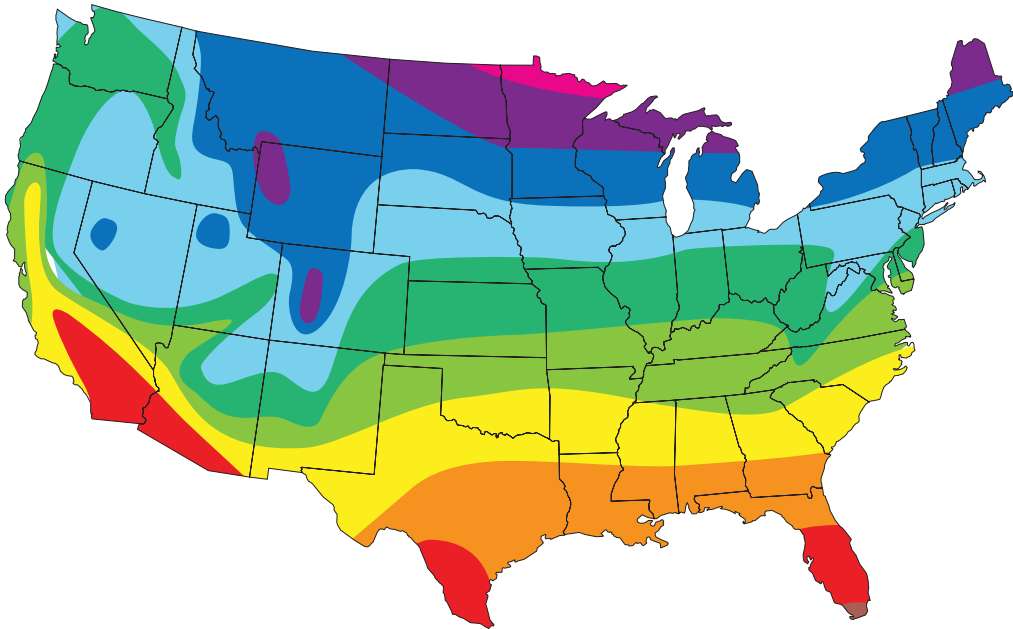
AVERAGE GROUND TEMPERATURE



Ground water temperatures reflect the average external water temperature coming into your water heater.

Internal water pipes hold already heated water, which may be closer to your ambient or room temperature.

APPLICATION	GPM
Water Saver Faucet/Sink	0.35
Standard Faucet/Sink	0.50
Bar Faucet/Sink	1.00
Kitchen Faucet/Sink	1.00-1.50
Utility Faucet/Sink	1.50
Mop Faucet/Sink	1.5-3.0
Water Saver Shower	1.50
Hand Set Shower	1.50
Standard Shower	2.00
Dishwasher	1.0-2.0
Washing Machine	1.0-1.5
Bath Tub	2.0-4.0
Emergency Eyewash	.5-3.0
Emergency Eye/Face Wash	3.00-5.00
Emergency Drench Shower	20.00
Emergency Efd Combo	23.00



TECHNICAL: FLOW VS. POWER REQUIRED

POWER REQUIRED - KW									
30.0	87.8	131.8							
29.0	84.9	127.4							
28.0	82.0	123.0							
27.0	79.1	118.6							
26.0	76.1	114.2	152.3						
25.0	73.2	109.8	146.4						
24.0	70.3	105.4	140.6						
23.0	67.3	101.0	134.7						
22.0	64.4	96.6	128.8						
21.0	61.5	92.2	123.0	153.7					
20.0	58.6	87.8	117.1	146.4					
19.0	55.6	83.5	111.3	139.1					
18.0	52.7	79.1	105.4	131.8	158.1				
17.0	49.8	74.7	99.6	124.5	149.3				
16.0	46.9	70.3	93.7	117.1	140.6				
15.0	43.9	65.9	87.8	109.8	131.8	153.7			
14.0	41.0	61.5	82.0	102.5	123.0	143.5			
13.0	38.1	57.1	76.1	95.2	114.2	133.2	152.3		
12.0	35.1	52.7	70.3	87.8	105.4	123.0	140.6	158.1	
11.0	32.3	48.3	64.4	80.5	96.6	112.7	128.8	144.9	161.1
10.0	29.3	43.9	58.6	73.2	87.8	102.5	117.1	131.8	146.4
9.0	26.4	39.5	52.7	65.9	79.1	92.2	105.4	118.6	131.8
8.0	23.4	35.1	46.9	58.6	70.3	82.0	93.7	105.4	117.1
7.0	20.5	30.7	41.0	51.2	61.5	71.7	82.0	92.7	102.5
6.0	17.6	26.4	35.1	43.9	52.7	61.5	70.3	79.1	87.8
5.0	14.6	22.0	29.3	36.6	43.9	51.2	58.6	65.9	73.2
4.0	11.7	17.6	23.4	29.3	35.1	41.0	46.9	52.7	58.6
3.0	8.8	13.2	17.6	22.0	26.4	30.7	35.1	39.5	43.9
2.0	5.9	8.8	11.7	14.6	17.6	20.5	23.4	26.4	29.3
1.0	2.9	4.4	5.9	7.3	8.8	10.2	11.7	13.2	14.6
0.5	1.5	2.2	2.9	3.7	4.4	5.1	5.9	6.6	7.3
	20°F	30°F	40°F	50°F	60°F	70°F	80°F	90°F	100°F
TEMPERATURE RISE - °F									

GALLONS PER MINUTE

TECHNICAL: HOW TO SELECT YOUR WATER HEATER & AVERAGE GROUND TEMPERATURE

Manufacturing Divisions

WATER CONTROLS



DRAINAGE



PLUMBING FIXTURES & ACCESS



FIRE PROTECTION



MANUFACTURING SUPPORT



Sales & Distribution



UNITED KINGDOM



ELMCO + ASSOC.



CANADA



UNITED ARAB EMIRATES



MORRIS INDUSTRIES MEXICO

