

Instant-Flow Micro - M Series

M-30 thru M-40

The Instant-Flow® Micro Instantaneous Water Heater features a factory preset temperature using digital microprocessor technology. Instant-Flow Micro responds to fluctuations in incoming water temperature, pressure and flow rate, regulating the water temperature over 100 times per second!



MIGHTY-mite® - R Series

R-48 thru R-75

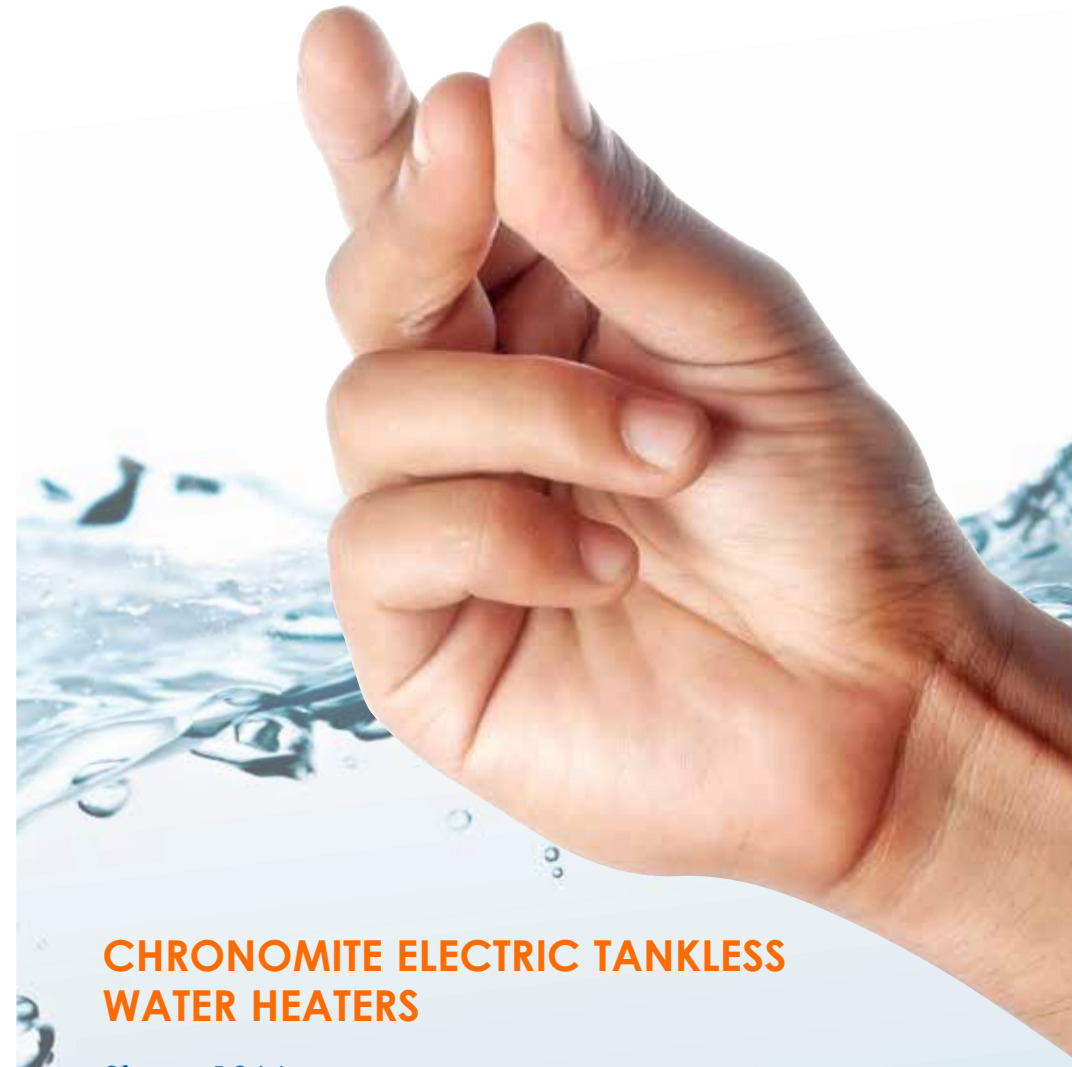
The MIGHTY-mite® Large Capacity Tankless Water Heater is ideal for showers and powerful enough in a standalone application, replacing the tank style water heater. For boost applications, use MIGHTY-mite with existing tank style water heaters to extend the capacity of your tank.



TWINS™ & TRIPLETS™ - ER Series

ER-60 thru ER-120 Single Phase

TWINS™ & TRIPLETS™ provide reliable point-of-use hot water for multiple hand washing sink stations, showers, public lavatories, apartments, condos and mixed use development (low activation); mop, service and utility sinks and showers (standard activation); and emergency safety equipment (high activation).



CHRONOMITE ELECTRIC TANKLESS WATER HEATERS

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.

Our customers prefer Chronomite because we make hot water easier and more accessible. We manufacture instantaneous water heaters for mixed use development, retail, residential, hospitality, healthcare, schools, institutions, public hand washing and safety eye wash and shower equipment.

Because it can be difficult, we make it easy. That is what we do.



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Since 1966
CHRONOMITE[®]
Electric Tankless Water Heaters

HEATER SELECTOR GUIDE

SELECTING AN ELECTRIC TANKLESS WATER HEATER

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

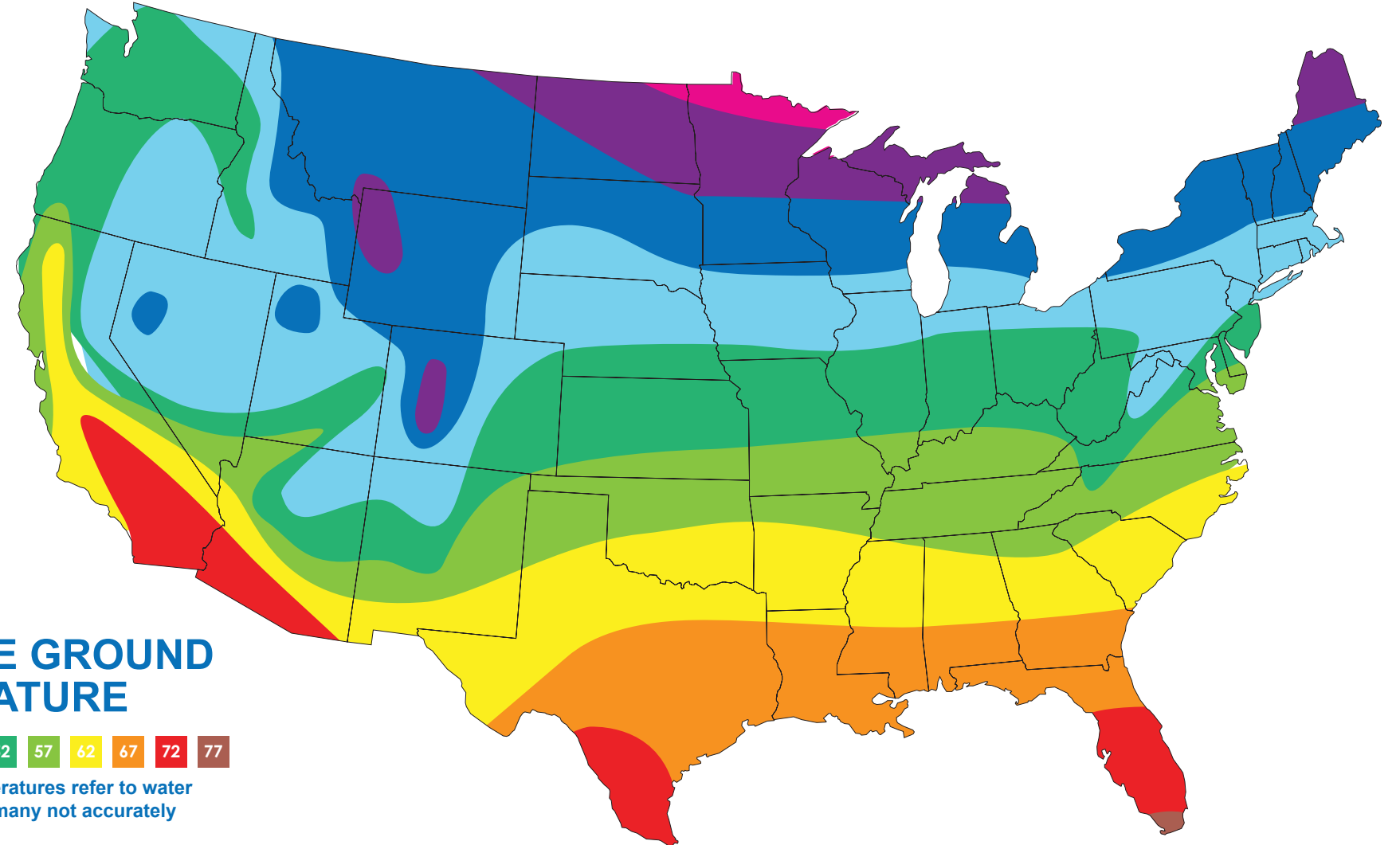
1. How cold is your inlet water temperature in the winter?
2. What is the flow rate and gallons per minute you need to supply your hot water demand?
3. What is your desired outlet temperature?
 - 84°F - Emergency drench shower
 - 104°F - Hand washing and bathing
 - 110°F - ADA
 - 120°F - Meets health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

Model Number	kW	Volts	Minimum Breaker	AMPS	Minimum Required Wire 75° C	Dimensions Inches	Lbs
M30L/120	3.6	120	30	30	10	6.25 x 9.62 x 2.75	5
M30L/208	6.2	208	30	30	10	6.25 x 9.62 x 2.75	5
M30L/240	7.2	240	30	30	10	6.25 x 9.62 x 2.75	5
M40L/240	9.6	240	40	40	8	6.25 x 9.62 x 2.75	5
R48L/240	11.5	240	50	48	8	9.75 x 10.50 x 4.25	10
R58L/240	13.9	240	60	58	6	9.75 x 10.50 x 4.25	10
R68L/240	16.3	240	70	68	4	9.75 x 10.50 x 4.25	10
R75L/240	18.0	240	75	75	4	9.75 x 10.50 x 4.25	10
ER-90L/240	18.7	240	3 x 30	3 x 30	(3) x 10	15.37 x 17.62 x 6.25	26
ER120L/240	28.8	240	3 x 40	3 x 40	(3) x 8	15.37 x 17.62 x 6.25	26

APPLICATIONS	USAGE LEGEND	FLOWRATE
Water-Saver Shower Heads	S	1.5 GPM
Standard Shower Head		2.0 GPM
Standard Hand Sink	F	0.5 GPM
Kitchen Sink		1.0 - 2.0 GPM
Bath Tub		≥ 4.0 GPM
Dishwasher		1.0 - 2.0 GPM
Washing Machine		1.0 - 1.5 GPM
Average Gallons Per Minute (GPM) based on 2010 Plumbing Standard		



AVERAGE GROUND TEMPERATURE

35 37 42 47 52 57 62 67 72 77

Ground water temperatures refer to water stored outside and many not accurately reflect the source.

Inlet Temp: 35° F			Inlet Temp: 37° F			Inlet Temp: 42° F			Inlet Temp: 52° F			Inlet Temp: 62° F		
Model	GPM	Usage	Model	GPM	Usage	Model	GPM	Usage	Model	GPM	Usage	Model	GPM	Usage
M30L/208	0.62	F	M30L/208	0.64	F	M30L/208	0.69	F	M30L/208	0.75	F	M30L/208	0.82	F
M30L/240	0.71	F	M30L/240	0.73	F	M30L/240	0.79	F	M30L/240	0.86	F	M30L/240	0.95	F
M40L/240	0.95	F	M40L/240	0.98	F	M40L/240	1.06	F+F	M40L/240	1.15	F+F	M40L/240	1.26	F+F
R48L/240	1.14	F+F	R48L/240	1.17	F+F	R48L/240	1.27	F+F	R48L/240	1.38	F+ F	R48L/240	1.51	S
R58L/240	1.38	F+F	R58L/240	1.42	F+F	R58L/240	1.53	S	R58L/240	1.67	S	R58L/240	1.83	S
R68L/240	1.61	S	R68L/240	1.66	S	R68L/240	1.80	S	R68L/240	1.95	S	R68L/240	2.14	S+F
R75L/240	1.78	S	R75L/240	1.83	S	R75L/240	1.98	S	R75L/240	2.16	S+F	R75L/240	2.36	S+F
ER-90L/240	1.85	S	ER-90L/240	1.91	S	ER-90L/240	2.06	S+F	ER-90L/240	2.24	S+F	ER-90L/240	2.46	S+F
ER-120L/240	2.85	S+F+F	ER-120L/240	2.94	S+F+F	ER-120L/240	3.17	S+S	ER-120L/240	3.45	S+S	ER-120L/240	3.78	S+S+F

Inlet Temp: 57° F			Inlet Temp: 62° F			Inlet Temp: 67° F			Inlet Temp: 72° F			Inlet Temp: 77° F		
Model	GPM	Usage	Model	GPM	Usage	Model	GPM	Usage	Model	GPM	Usage	Model	GPM	Usage
M30L/120	0.52	F	M30L/120	0.59	F	M30L/120	0.66	F	M30L/120	0.77	F	M30L/120	0.91	F
M30L/208	0.91	F	M30L/208	1.01	F+F	M30L/208	1.15	F+F	M30L/208	1.33	F+F	M30L/208	1.58	S
M30L/240	1.05	F+F	M30L/240	1.17	F+F	M30L/240	1.33	F+F	M30L/240	1.54	S	M30L/240	1.82	S
M40L/240	1.40	F+F	M40L/240	1.56	S	M40L/240	1.77	S	M40L/240	2.05	S+F	M40L/240	2.43	S+F
R48L/240	1.67	S	R48L/240	1.87	S	R48L/240	2.12	S+F	R48L/240	2.45	S+F	R48L/240	2.91	S+F
R58L/240	2.02	S+F	R58L/240	2.26	S+F	R58L/240	2.57	S+F+F	R58L/240	2.97	S+F+F	R58L/240	3.52	S+S+F
R68L/240	2.37	S+F	R68L/240	2.65	S+F+F	R68L/240	3.01	S+S	R68L/240	3.48	S+S	R68L/240	4.12	S+S+F+F
R75L/240	2.62	S+F+F	R75L/240	2.93	S+F+F	R75L/240	3.32	S+S	R75L/240	3.84	S+S+F	R75L/240	4.50	S+S+S
ER-90L/240	2.72	S+F+F	ER-90L/240	3.04	S+S	ER-90L/240	3.45	S+S	ER-90L/240	3.99	S+S+F	ER-90L/240	4.50	S+S+S
ER-120L/240	4.19	S+S+F+F	ER-120L/240	4.50	S+S+S	ER-120L/240	4.50	S+S+S	ER-120L/240	4.50	S+S+S	ER-120L/240	4.50	S+S+S

Results based on outlet temperature of 104°