

INSTANT-FLOW[®] MICRO - EYEWASH

APPLICATION: emergency eyewash equipment

PRODUCT FEATURES

- Exclusively designed for emergency equipment (ideally suited for two-head eye and eye/face emergency wash fountain)
- Uses a digital microprocessor for temperature control
Ultra quick response times for temperature variations - 120 times per second. Microprocessor use is the most energy efficient means of heating water
- Unlimited tepid water
- Saves water and energy - 99% energy efficient
- Stainless steel housing
- Space saving compact size: 6-1/4" (H) x 9-5/8" x 2-3/4"
- Meets applicable building codes including ADA, UL, IAPMO, UPC.
- Meets ANSI Z358-1 performance requirements
- Environmentally friendly
- Made in the U.S.A.

Chronomite Instant-Flow[®] Micro Eyewash models are manufactured to provide tepid point-of-use water at 3.0 gallon per minute with a minimum pressure of 45 PSI with inlet temperature range 50° to 84°F. Exclusively designed for the needs of emergency equipment including eyewash and eye/face wash. There is no pressure and temperature relief valve needed (unless required by code), saving time and money on installation.

Housing is fabricated from stainless steel.

Element assembly is fabricated from Celcon plastic.

Coils are nichrome.

Flow control and compression fittings are supplied with each unit.

MODEL	AMPS	VOLTAGE	WATTS	TEMP RISE @ 3.0 GPM
M-40EW/208	40	208	8,320	19°F
M-40EW/240	40	240	9,600	22°F
M-40EW/277	40	277	11,080	27°F
M-50EW/240	50	240	11,520	26°F

For the model being selected, please place the corresponding amps and volts values in the Guide Specifications to the right.



Complies with Standards for:



Instant-Flow[®] Micro - Eyewash Heater

GUIDE SPECIFICATION

Tankless Water Heater shall be a Chronomite Laboratories Model

M - _____ EW / _____
AMPS VOLTS OPTIONS

with _____ Amps and _____ Volts

to activate at 1.5 gpm to a preset temperature of 84°F.

Unit shall be provided with Celcon waterways, and nichrome heating coils. Hot water storage vessel and simple analog temperature controller are expressly prohibited.

OPTIONAL HOUSING FINISH

- High Polish Finish Stainless Steel (SSP)

eg. Model M-40EW/240 with 40 Amps, 240 Volts to activate at 1.5 gpm to preset temperature of 84°F.

CHRONOMITE LABORATORIES, INC.

17451 Hurley St. :: City of Industry, CA 91744
 Phone 800-447-4962 :: 626-937-4270
 Fax 626-937-4279 :: www.chronomite.com

INSTANT-FLOW[®] MICRO - EYEWASH

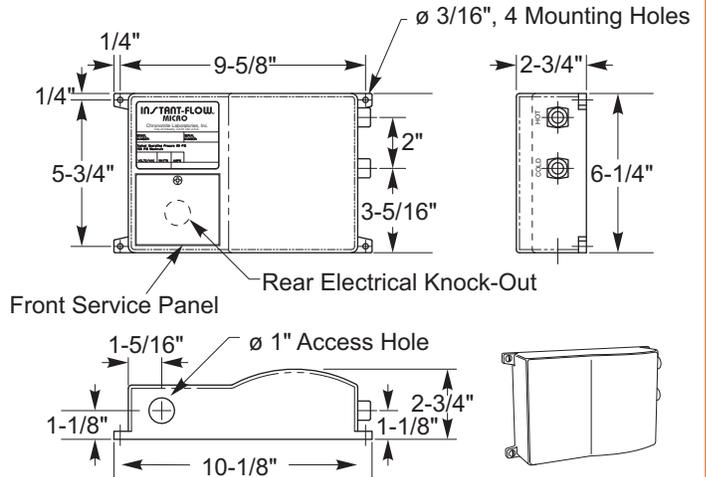
TECHNICAL DIMENSIONS

INSTANT-FLOW[®] MICRO - EYE WASH

Dimensions:	6-1/4" (H) x 9-5/8" x 2-3/4"
Weight:	5 lbs.
Materials:	Stainless steel housing Celcon plastic element assembly with nichrome coils
Housing Color:	Stainless steel
Minimum Operating Flow Rate:	1.5 GPM
Minimum Operating Pressure:	45 PSI
Maximum Operating Pressure:	150 PSI
Maximum Operating Temperature:	84°F
Listing:	UL, IAPMO, UPC, ADA

GENERAL NOTES:

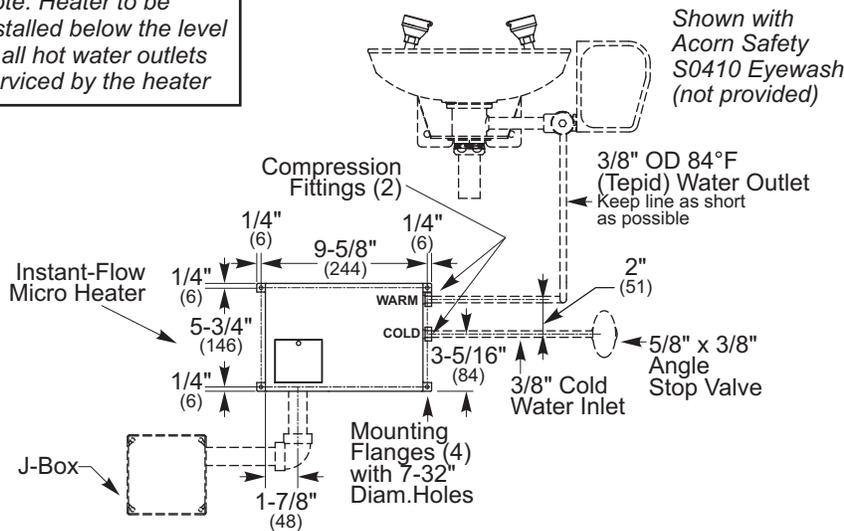
- Meets ANSI Z358-1 performance requirements for emergency eye and eye/face washes with build-in microprocessor that maintains stipulated tepid water temperature.
- The microprocessor adjusts the heater's power for variations in flow rates, inlet water temperature and pressure to assure the selected factory preset water temperature.
- 240V models when operated at 220V will have approximately a 15% wattage decrease.



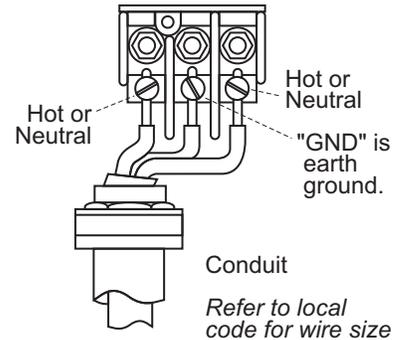
- Heater to supply "tepid" (warm) water of 70°-84°F with inlet temperature range of 50°-84°F.
- Microprocessor limits temperature increase according to the pre-selected temperature.
- Fail safe to cold bypass

INSTALLATION DIAGRAM

Note: Heater to be installed below the level of all hot water outlets serviced by the heater



WIRING CONNECTION



ATTENTION:
Unit must be hard wired.
NOTE: Heaters are single phase.
All tests are measured at the output of the heater.

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SELECTION SUMMARY
& APPROVAL FOR
MANUFACTURING

Company _____

Model Number & Options _____ Quantity _____

Contact _____ Title _____

Signature (Approval for Manufacturing) _____ Date _____

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