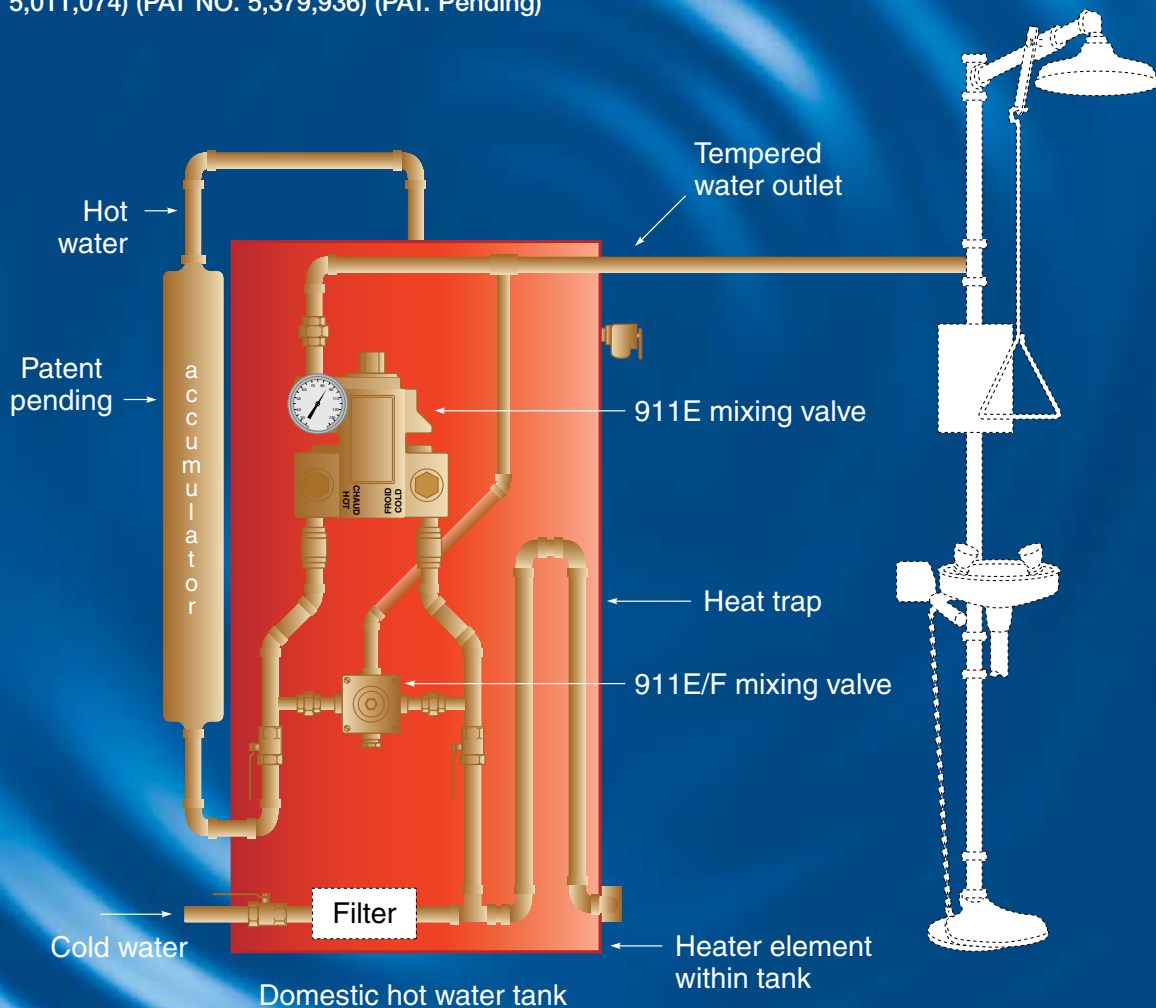


# LAWLER

## MODEL 911®E EMERGENCY TEMPERING SYSTEM FOR COMBINATION EMERGENCY SHOWER AND EYEWASH EQUIPMENT

The best stand-alone solution for meeting ANSI Standard Z358.1-2004.

(PAT NO. 5,011,074) (PAT NO. 5,379,936) (PAT. Pending)



- Economically provides tepid water in remote locations
- Flattens high temperature spike through the system
- Runs on 120V 20AMP power

# Lawler Model 911®E Emergency Tempering System (ETS)

## The Solution

The Model 911®E Emergency Tempering System (aka “Big Boy”) is a unique stand-alone solution that fills a critical need in the industry to economically deliver tempered water for high/low flow emergency applications.

The Model 911®E ETS provides both water heating and thermostatic mixing for combination emergency and eyewash equipment. The 911®E ETS incorporates Lawler’s patented 911®E and 911®E/F thermostatic mixing valves offering positive hot water shut off and full flow cold water bypass together with a water heating source designed to help you meet ANSI Z358.1-2004.

### Operating Principle

Cold water supplied to the unit is heated by a common power source, 120V 20AMP power, to 180°F. Upon actuation of the emergency equipment, hot water flows through the Lawler Accumulator (patent pending) effectively blending the hot water resulting in a flattening of temperature spike through the system. (A thermostatic mixing alone is incapable of flattening this temperature spike due to the response time of the thermostatic element.) After the Lawler Accumulator blends the hot water, Lawler’s 911®E and 911®E/F thermostatic mixing valves work together to equalize pressure in the system and to mix hot and cold water to provide comfortable tepid water for 15 minutes, consistent with ANSI Z358.1-2004.

The ETS is designed to satisfy both the high and low flow rates required by today’s combination emergency equipment. It is for indoor use only and may be ordered with optional emergency shower and eyewash equipment. The ETS easily fits into existing plumbing and electrical systems.

### Specifications

- Hot water supply temperature to mixing valve: 180°F max.
- Water supply pressure (static): 125 PSI max.
- Recommended supply pressure to ETS: 65 PSI.
- Tepid capacity: 25gpm at 30 PSI./7gpm at 30 PSI. for 911®E/F only

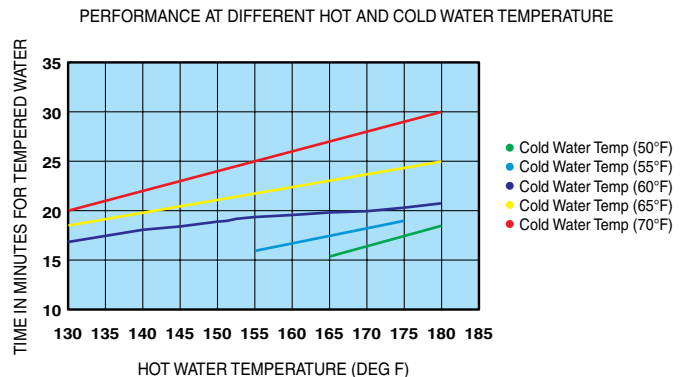
- Bypass capacity: 21gpm at 30 PSI./3gpm at 30 PSI. for 911®E/F only
- Min. operating pressure: 45 PSI.
- Requires 1 1/4” cold water supply.

### Features

- Lawler’s 911®E and 911®E/F thermostatic mixing valves with positive hot water shut-off and integral cold water bypass.
- The Lawler Accumulator flattens temperature spike throughout the system.
- Integral heat trap prevents heat migration to the cold side of the valve.
- Common power requirements (120V 20AMP power).
- Mobility – system is capable of being moved from location to location.

### Benefits

- Economically meets ANSI Standard Z358.1-2004 for emergency shower/eyewash applications.
- Easy to install for new construction or retrofit.
- Simple solution when basic water and electricity are the only available resources.
- Lawler’s 911® Valves and Accumulator provide two layers of safety and dependability.



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