



# Thermostatic Water Controller Model 801 High-Low Water Mixer Unit No. 86504

**ASSE 1017 Approved**  
**ASSE Lead Free Certified**

**Certified to**  
**CSA B125.3**

Master water mixing valve shall be of the thermostatic type with liquid-filled thermal motor. It shall have bronze body construction with replaceable corrosion-resistant components. Valve construction shall employ a sliding piston control mechanism. Sliding piston and liner shall be of stainless steel material. Valve shall come equipped with union end stop and check inlets with removable stainless steel strainers. Valve shall control temperature from a low flow of 1 GPM\* up to a maximum flow rate for a given pressure differential. Valve shall provide protection against hot or cold supply line failure and thermostat failure.

Unit to include a shut-off valve and dial thermometer on tempered water outlet. Also included is a valved cold water bypass line from the cold water supply line. All piping passes through the top of cabinet.

Unit is completely assembled and tested with necessary fittings, nipples and escutcheons. Cabinet is shipped separately. See below for cabinet specifications.

**General Purpose – Cabinet Specifications:**

	<b>STAINLESS</b>	<b>CARBON STEEL</b>
Body:	18 Ga.	16 Ga.
Door:	18 Ga.	16 Ga.
Material:	Type 304 with No. 4 Finish	Baked enamel painted

**VALVE FINISH**

- Rough Bronze
- Chrome
- Other

**TYPE OF CABINET**

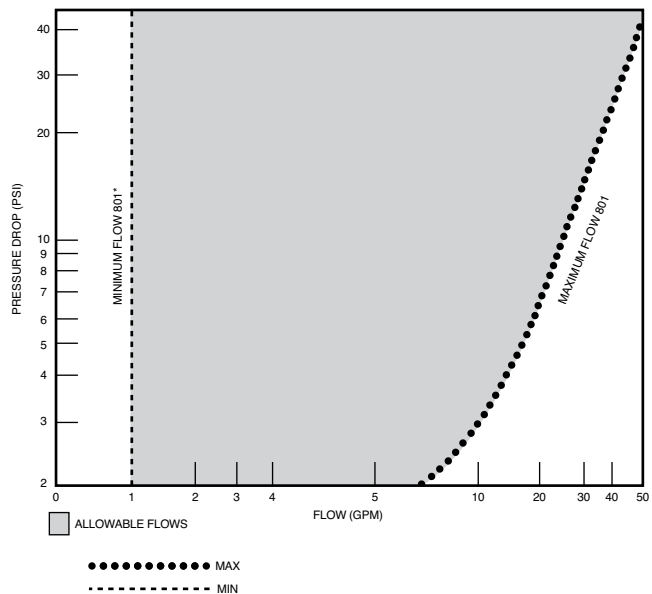
- Recessed
- Semi-Recessed
- Surface
- MATERIAL**
- Stainless
- Carbon Steel
- Carbon Steel Box/ Stainless Door

Cabinet includes lock with two keys.  
Hinged left side, piano type.  
For specifications on security cabinets, contact factory.

**CAPACITIES – MODEL 801**

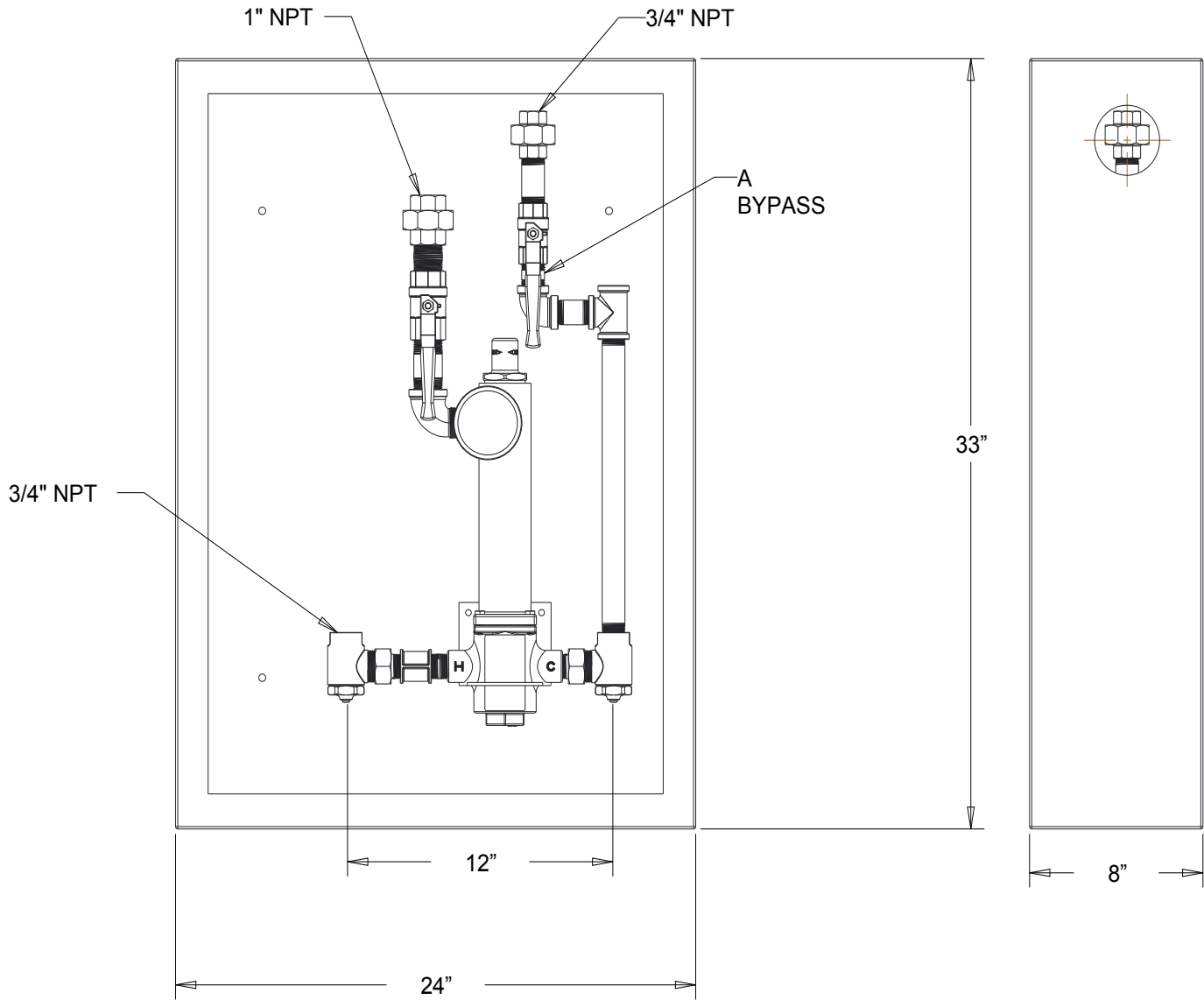
Pressure Drop PSI	5	10	20	30	45	60	80
<b>Valve Number</b>	<b>Capacity</b>						
<b>801-GPM</b>	17	25	34	40	50	57	65
<b>801-LPM</b>	64	94	128	151	189	210	246

\*1/2 gpm when properly installed in recirculated system.



**LAWLER**  
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Design and specification subject to change without notice.  
Please refer to [www.temperedwater.com](http://www.temperedwater.com) to ensure most current data sheet and other design solutions



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