

Thermostatic Water Controller Model 802 Lead Free High-Low Water Mixer Unit No. 86004

ENG. NO. 86004-K
PAT. NO. 5,203,496.
5,323,960.
6,637,668.
7,140,394.



ASSE ASSE 1017 Approved

ASSE 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 2 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:

	STAINLESS	CARBON STEEL
Body:	18 Ga.	16 Ga.
Door:	18 Ga.	16 Ga.
Material:	Type 304 with No. 4 Finish	Baked enamel

VALVE FINISH

- Rough Bronze Other
 Chrome

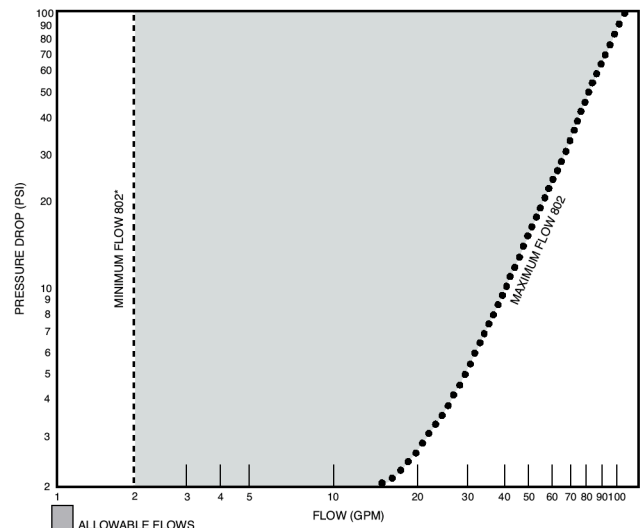
TYPE OF CABINET

- 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.

DIMENSIONS:

Valve Number	A N.P.T.	B N.P.T.	C	D	E	F
802	1"	1 1/4"	12 3/4"	24"	33"	8"



CAPACITIES – MODEL 802

Pressure Drop PSI	5	10	20	30	45	60	80
Valve Number	Capacity						
802-GPM	28	39	54	66	80	91	103
802-LPM	106	148	208	247	303	341	388

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



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Design and specification subject to change without notice.