

# M-5000TS Thermostatically Controlled Mixing Unit

The **M-5000TS** lets you combine steam and cold water to produce hot water efficiently, without the safety concerns normally associated with steam use. The standard easy-to-read temperature gauge accurately senses even slight variations to monitor water temperature accurately.

## Specifications

- ◆ **Maximum water temperature:** ..... 200°F/93°C
- ◆ **Minimum water temperature:** ..... 100°F/38°C
- ◆ **Maximum working pressure:** ..... 150 psi steam,  
80 psi cold water
- ◆ **Minimum working pressure:** ..... 80 psi steam,  
50 psi cold water
- ◆ Thermostatically designed safety shut-off prevents unit from overheating
- ◆ Unit automatically compensates for water pressure fluctuations to maintain desired water temperature
- ◆ Thermostat is hydraulically formed, liquid-filled bellows
- ◆ Removable parts for easy cleanup and inspection

*Please see reverse side for parts listing.*

*It is recommended that a strainer and steam trap be used in conjunction with all of our steam mixing units.*

*Foreign deposits in supply lines can affect ball check durability.*

*Proper steam and water treatment is recommended to ensure proper performance and durability.*

*This unit should be shut off when not in use for extended periods of time.*



**Shown:** Bronze M-5000TS; shown with premium hose assembly and M-70 Series nozzle

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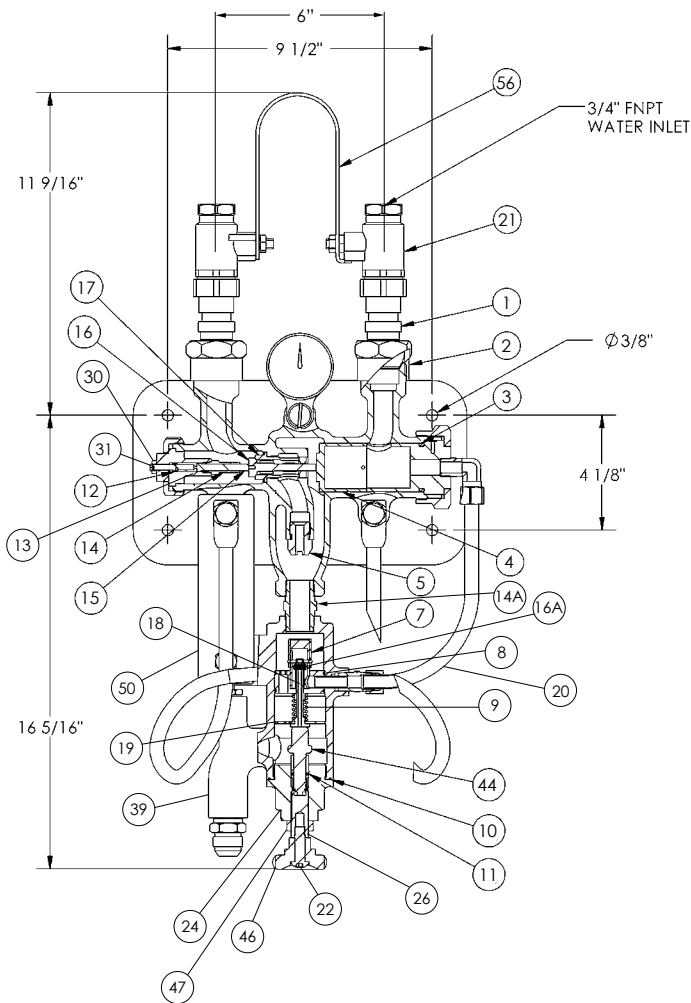
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ISO 9001  
QMI-SAI Global

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PARTS			
	PART	MATERIAL	QUANTITY
1	BALL CHECK VALVE ASSY.	BRASS/SST	2
2	BALL CHECK GASKET	COPPER PTFE COATED	2
3	O-RING WATER CHAMBER HOUSING	EPDM	1
4	WATER CHAMBER	SST	1
5	STEAM JET	SST	1
7*	ACTUATOR SLEEVE	SST	1
8	O-RING BLENDING CHAMBER	EPDM	1
9*	SPRING	SST	2
10*	O-RING THERMOSTAT HOUSING	EPDM	1
11*	O-RING STEAM ADJUSTER	EPDM	1
12	O-RING POPPET STOP	EPDM	1
13	POPPET SPRING	SST	1
14	GUIDE EXTENSION	SST	1
14A	3/4" HEX NIPPLE	BRASS	1
15	PUSHER	SST	1
16	POPPET	SST	1
16A*	ACTUATOR PIN	SST	1
17	SEAT	SST	1
18	STEAM INJECTOR	SST	1
19*	DIFFUSER SCREEN	SST	1
	POPPET SEAT TOOL	SST	1
	POPPET TOOL	SST	1
20	TUBE ASSEMBLY	COPPER	1
21	BALL VALVE	BRONZE/SST	2
22*	HANDLE SCREW	STEEL	1
24	THERMOSTAT HOUSING	BRASS	1
26*	THERMOSTAT ADJUSTER	SST	1
30	JAM NUT	SST	1
31	POPPET STOP	SST	1
39	TS BODY	BRONZE	1
44*	THERMOSTAT	BRASS	1
46*	CONTROL KNOB	PLASTIC	1
47*	CONTROL KNOB LOCK NUT	SST	1
50	SUPPORT PLATE	SST	1
56	UNILEVER	SST	1
	*M-5000TS Service Kit Includes parts 7, 9, 10, 11, 16A, 18, 19, 22, 26, 44, 46, 47 <b>PARTS NOT SOLD SEPARATELY</b>		

MP-88 Mounting Plate shown in drawing is **not standard** with the M-5000TS unit. The MP-88 must be ordered separately.