

# 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.

The **M-5000TS** Conversion Kit, made to retrofit our Original **M-5000TG** mixing unit, provides the same operating ranges, as well as a thermostat to prevent temperature fluctuations.

## 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.*



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



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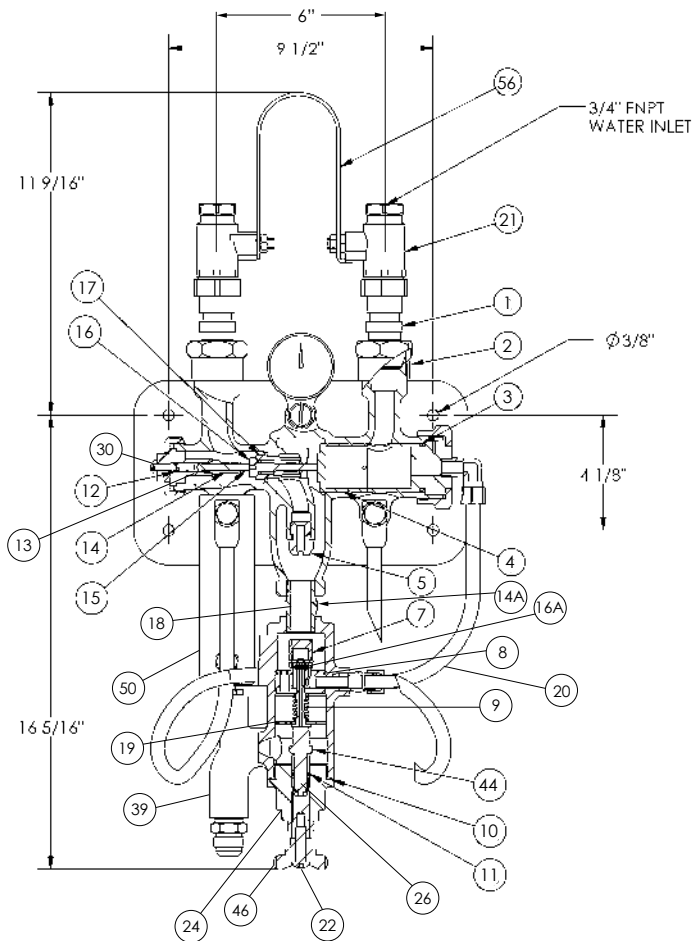
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# M-5000TS Thermostatically Controlled Mixing Unit



PARTS			
	PART	MATERIAL	QUANTITY
1	BALL CHECK VALVE ASSY.	BRASS/SST	2
2	BALL CHECK GASKET	COPPER TEFLON 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 HOSUING	BRASS	1
26	THERMOSTAT ADJUSTER	SST	1
30	LOCKNUT	SST	1
39	TS BODY	BRONZE	1
44	THERMOSTAT	BRASS	1
46	CONTROL KNOB	PLASTIC	1
50	SUPPORT PLATE	SST	1
56	UNILEVER	SST	1

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