

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.



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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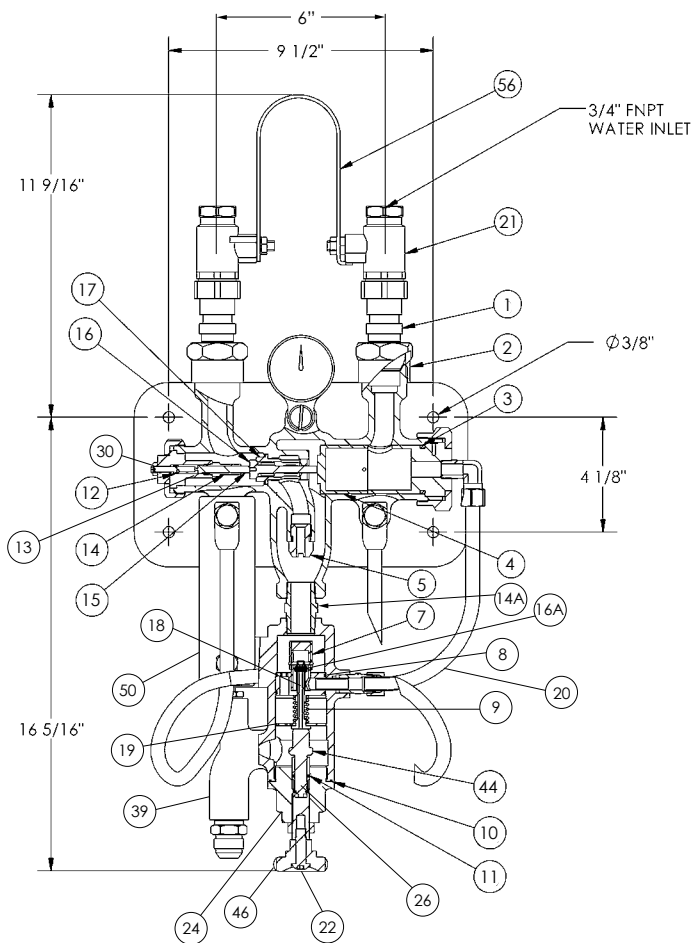
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ISO 9001
QMS-SAI Global

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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 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	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.