

M-144TG Safety Mixing Unit

The **M-144 Safety Unit** is designed to blend steam and cold water in any desired proportion; features a safety steam shut-off which prohibits passing live steam. User adjustable with a factory-set maximum temperature, this unit is equipped with dial-type gauge that indicates the exact wash temperature in both Celsius and Fahrenheit. For maximum efficiency, it is recommended that a Strahman hose assembly (with shut-off nozzle) be used in conjunction with this unit. Hard piping from the unit discharge, or use with an open-ended hose, is not recommended.

Specifications

- ♦ **Minimum working pressure** 20 psi/1.4 bar steam
20 psi/1.4 bar cold water
- ♦ **Maximum design pressure:** 150 psi/10.3 bar
- ♦ **Maximum operating pressure:** 80 psi/5.5 bar steam
80 psi/5.5 bar water
- ♦ **Factory-set maximum temperature of:** 200°F/93°C
- ♦ Safety steam shut-off
- ♦ For proper operation, water pressure should not exceed steam pressure

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-144TG with globe valves;
shown with premium hose assembly and M-70 Series nozzle



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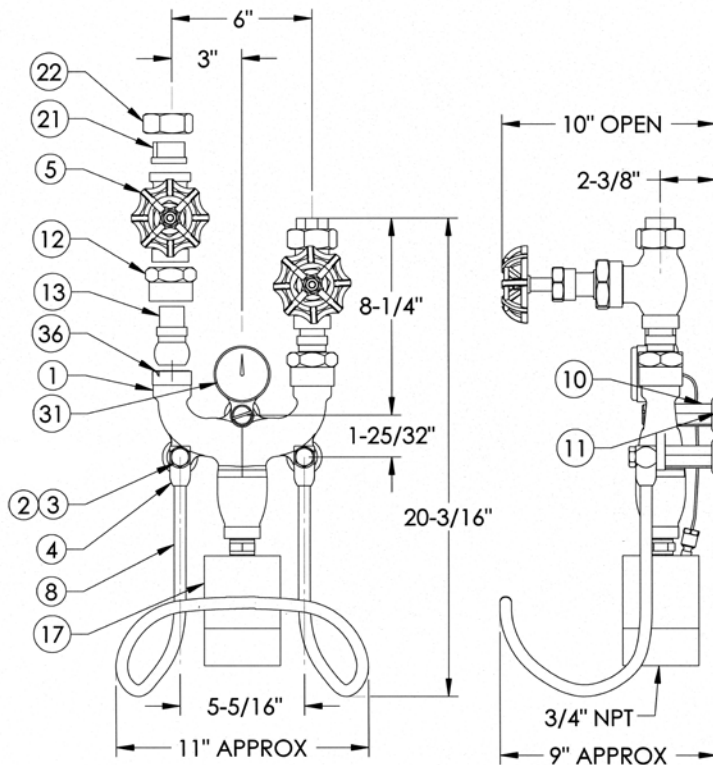
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ISO 9001
QMS-SAI Global

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PARTS		
Part No.	Description	Material
1	MAIN BODY	BRONZE
2	HOSE RACK CAP SCREW	SST
3	HOSE RACK LOCK WASHER	SST
4	HOSE RACK CONNECTOR	BRASS
5	GLOBE VALVE	BRONZE
8	HOSE RACK ASSEMBLY	SST
10	SPACER	SST
11	WALL PLATE	BRASS
12	BALL CHECK UNION NUT	BRASS
13	BALL CHECK VALVE	BRASS/SST
17	THERMOSTAT HOUSING	BRONZE
21	UNION TAIL PIECE	BRONZE
22	INLET UNION NUT	BRONZE
31	TEMPERATURE GAUGE	CHROME
36	BALL CHECK GASKET	COPPER PTFE COATED

M-144TG Performance Graphs

