



## Silent Type Venturi Mixer

Using our unique venturi technology for silent operation.

### What Our Washdown Station Does

The Ace Sanitary Washdown Station delivers a high temperature wash down using a proprietary mixing valve that combines steam and water for a constant stream at the operator's set temperature.

The intuitive safety shutoff feature essentially eliminates the 'hose full of steam' problem of the past, decreasing hazardous conditions.

### Ease of Maintenance

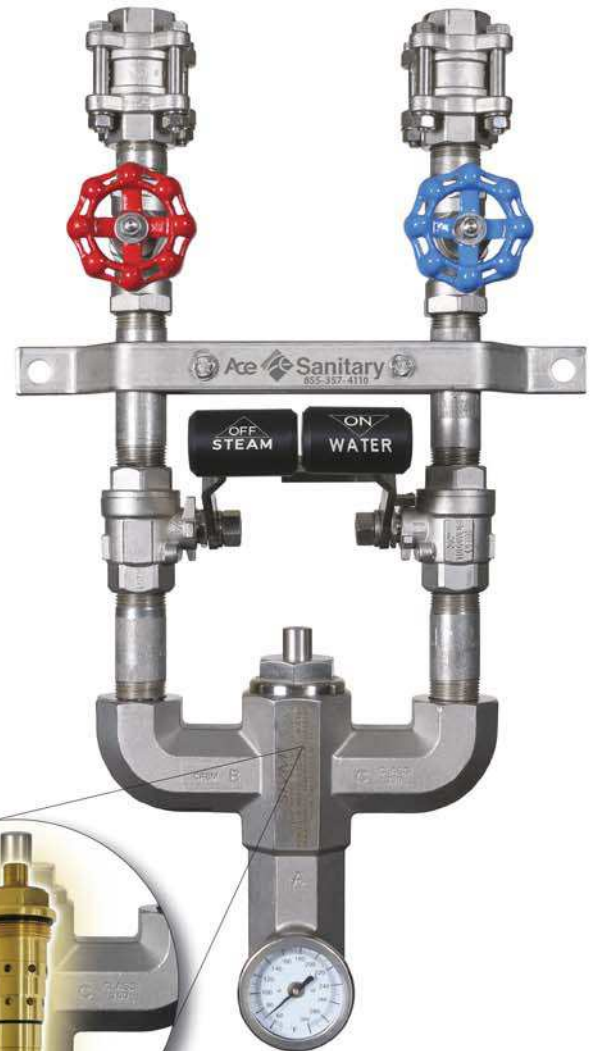
With a single moving part, the thermal actuator withing the mixing valve cartridge, the Ace Sanitary Washdown Station ensures long, uninterrupted use and silent operation, even in high mineral content water conditions.

As the flow of steam and water enter the mixing valve, a scouring action occurs that minimizes the buildup of minerals and reduces build up in tight clearance areas.

Changing of the cartridge is accomplished in just a few minutes and only requires one wrench - which means more uptime.

### Safety is Our Priority

Our Ace Sanitary Washdown Station's steam and water mixing valve is designed to reduce flow should the output temperature exceed the factory set point (150°F/185°F) and will completely shut down 15°F above that. The valve will restore flow once temperature falls below the shutoff temperature.



### The Secret to Uptime

STVM (Silent Type Venturi Mixer) Technology in the Ace Sanitary Washdown Station is the secret to maximum uptime.



*Ace Sanitary is now on LinkedIn, follow us to keep up to date on what's new!*

## SPECIFICATIONS

### TECHNICAL DATA

Maximum Steam Pressure .....	150 PSIG
Maximum Water Pressure .....	150 PSIG
Water Output Temperature (min) .....	Ambient
Water Output Temperature (max) .....	150°F 185°F
Approximate weight (without hose & nozzle) .....	19 lbs. (8.6 Kg)

### HOSE ASSEMBLIES

Color .....	Black, White, Blue
Tube .....	EPDM/FDA, EPDM
Reinforcement .....	Braid Reinforced
Cover .....	EPDM
Fitting Material .....	316 SS
Working pressure .....	300 PSIG
Temperature limit .....	200F/ 300F
Nominal I.D. ....	3/4"
Standard lengths .....	25ft., 50ft., 75ft., Custom

### SIZES AND PIPE CONNECTIONS

Mixing Station .....	3/4" NPT inlets and outlet
Hose .....	3/4" NPT (male) swivel x 1/2" NPT (male) swivel
Nozzle .....	1/2" NPT (female)

## PARTS INFORMATION

### MATERIALS SUPPLIED WITH STANDARD SYSTEM

Mixing valve cartridge .....	Stainless Steel or Brass
Mixing valve body .....	Stainless Steel or Bronze
Globe valves .....	Stainless Steel or Bronze/B62
Check valves .....	Stainless Steel or Bronze/B62
Temperature gauge .....	Stainless Steel/Plexi-glass
Mounting bracket .....	Stainless Steel
Pipe fittings .....	Stainless Steel or Brass/Bronze
Hose rack .....	Stainless Steel

## COMMON PARTS ORDERING INFORMATION

For additional hose assemblies, nozzles and spare parts, consult factory.

### STANDARD ASSEMBLIES

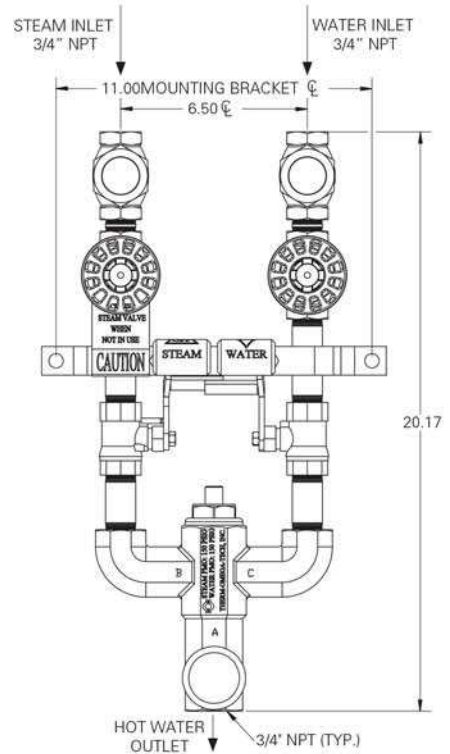
Description .....	Part Number
3/4" (150°F) Stainless Steel Washdown Station .....	STMV-SS-150
3/4" (185°F) Stainless Steel Washdown Station .....	STMV-SS-185
3/4" (150°F) Brass/Bronze Washdown Station .....	STMV-BR-150
3/4" (185°F) Brass/Bronze Washdown Station .....	STMV-BR-185

### ACCESSORIES

Washdown Gun .....	STMV-GUN
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### SPARE PARTS

Valve cartridge assembly (150°F) Brass/Bronze .....	STMV-RC-BR-150
Valve cartridge assembly (185°F) Brass/Bronze .....	STMV-RC-BR-185
Valve cartridge assembly (150°F) Stainless Steel .....	STMV-RC-SS-150
Valve cartridge assembly (185°F) Stainless Steel .....	STMV-RC-SS-185
Valve cartridge assembly (150°F) Brass/SS Cap .....	STMV-RC-BS-150
Valve cartridge assembly (185°F) Brass/SS Cap .....	STMV-RC-BS-185



## WASHDOWN GUN

- Rated at 350 PSI.
- Max working temperature of 195°F.
- Adjustable cone angle from 0° to 60°.
- Weighs 2.1 lbs.
- 1/2" FPT inlet
- Positive shut-off

