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 within 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 ...................................................... Braided Reinforced
Cover ............................................................... EPDM
Fitting Material ..................................................... 316 SS
Working pressure ................................................... 300 PSIG
Temperature limit ................................................... 200°F/300°F
Nominal I.D. ......................................................... 3/4"
Standard lengths .................................................. 25 ft., 50 ft., 75 ft., 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/Plexiglass
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

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

Flow Rate - Pressure

Ace Sanitary
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