



Washdown Systems For Production Facilities



ThermOmegaTech® offers a variety of high temperature washdown systems and maintenance equipment to protect industrial production facilities against contamination.

ThermOmegaTech's QMS is certified
to the AS9100 D Standards

www.ThermOmegaTech.com
877-379-8258

Production Facility Washdown Stations

ThermOmegaTech® provides the ultimate industrial cleaning and washdown equipment for production facilities that require a high-temperature washdown of processing machinery to prevent contamination. Industries include food processing, dairy and pharmaceutical production facilities, chemical and petrochemical plants, breweries and wineries.

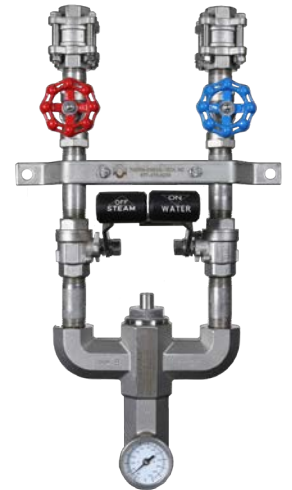
STVM® Washdown Station

The STVM® Steam and Water Washdown Station provides a high temperature washdown and is the only washdown station on the market using a Venturi mixing valve design to combine steam and cold water to produce a constant stream at the operator's set temperature. As the flow of steam and water enter the thermostatic mixing valve, a scouring action occurs that minimizes the buildup of minerals to ensure long, uninterrupted use and silent operation.

Designed to expedite routine maintenance with minimal downtime, the STVM® features an interchangeable cartridge with a single moving element, the thermal actuator, to easily service the station in the field - Saving you time and money.

Key Features

- Interlocking ball valves prevent steam only operation
- Automatic steam shut-off when cold water flow is interrupted
- Thermally activated over temperature shut-off
- Unique Venturi mixing design minimizes water hammer effect
- In-line serviceable mixing valve with easy to replace/clean cartridge



HCX Washdown Station

The HCX Washdown Station provides a high-power washdown in production facilities without an available steam supply. Combining simplicity and cost effectiveness, the HCX utilizes individual globe valves to mix hot and cold water to the desired proportion while clearly displaying the output temperature through an integrated temperature gauge.

Key Features

- Exclusive SmartFlow safety shut-off option - thermostatic valve automatically stops flow should the output temperature exceed the specified set-point
- Available in stainless steel or brass
- 150 PSIG maximum water pressure
- 200°F maximum water inlet temperature

**Not designed for steam service*



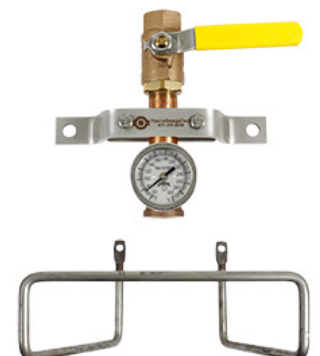
HCS Washdown Station

The HSC Washdown Station is designed with a single channel configuration that delivers a single stream of hot or cold water for washdown applications. Controlled by a quarter-turn ball valve, the HCS provides simple, yet effective control of flow while an integrated temperature gauge monitors and confirms the outlet water temperature.

Key Features

- Includes hose rack and mounting bracket
- Available in stainless steel or brass
- 150 PSIG maximum water pressure
- 200°F maximum water inlet temperature

**Not designed for steam service*



For product dimensions and specifications, visit www.ThermOmegaTech.com

Washdown Station Enclosure

The Model MRE Washdown Station Enclosure is specifically designed to protect and organize ThermOmegaTech®'s washdown stations and equipment in a secure, uncluttered environment. The enclosure is intended for recessed wall type installations and opens a full 180°, accommodating easy access to equipment.

Features

- 304 stainless steel – Corrosion resistant
- Lockable 3-point door latch
- Removable hose rack for 25ft, 50ft, 100ft long hose
- Removable low mounting hose rack for 25ft, 50ft long hose
- Drain port
- Steam inlet pipe insulation supplied - *Insulation must be installed*



Part Numbers

STVM® Washdown Station

Part Number	Description
377-111100-150	¾" TOT (150°F) Stainless Steel Washdown Station
377-111100-185	¾" TOT (185°F) Stainless Steel Washdown Station
377-111000-150	¾" TOT (150°F) Brass/Bronze Washdown Station
377-111000-185	¾" TOT (185°F) Brass/Bronze Washdown Station

HCX Washdown Station

Part Number	Description
377-510030-000	HCX, Brass construction
377-510130-000	HCX, Stainless Steel construction
377-610030-XXX	HCX with SmartFlow, Brass construction
377-610130-XXX	HCX with SmartFlow, Stainless Steel construction

HCS Washdown Station

Part Number	Description
377-410020-000	HCS, Brass construction
377-410120-000	HCS, Stainless Steel construction

Washdown Station Enclosure

Part Number	Description
942-100000-000	MRE Washdown Station Enclosure, 304 SS

For product dimensions and specifications, visit www.ThermOmegaTech.com

Washdown Equipment and Accessories

ThermOmegaTech's offers a variety of washdown equipment including steam rated hoses, hot water rated hoses, and washdown guns for our various mixing stations. Also available is our STVM® replacement cartridge assembly.

Washdown Hoses

ThermOmegaTech® hoses are available in 25', 50', or 75' and as standard black hoses or a white creamery version which features a smooth white outer covering to prevent picking up debris.

Steam Rated Hoses

Black Washdown Hose

- Boston Weatherhead 200 L.L.
- Steam & water rated
- Wire braid enforcement
- EPDM Tubing and cover
- Zinc plated steel swivel fittings
- Strain relief on station end
- 1/2" MNPT x 3/4" MNPT end connections



White Creamery Washdown Hose

- Alfagomma T350LL
- High tensile textile cord reinforcement
- White EPDM tubing and cover
- Able to withstand +330°F
- Stainless steel swivel fittings
- Strain relief on station end
- 1/2" MNPT x 3/4" MNPT end connections



Hot Water Rated Hoses

Black or White Creamery

- 4 ply textile reinforcement
- EPDM tube and cover
- Brass and Zinc plated steel swivel fittings
- Strain relief on station end
- 300 PSIG maximum operating pressure
- 200°F maximum operating temperature
- 1/2" MNPT x 3/4" MNPT end connections



**Not rated for steam use*

Washdown Guns

ThermOmegaTech® has 2 washdown gun options - brass internals and stainless steel internals

Design Features

- Rated at 350° PSI (24 bar)
- Max working temperature of 195°F (90°C)
- Adjustable cone angle from 0° to 60°
- Weighs 2lbs (0.9kg)
- Accepts 1/2" male NPT connections
- Positive shut-off



STVM® Cartridge Assembly

The STVM® Washdown Station is designed with an interchangeable cartridge to expedite routine maintenance with minimal downtime. The STVM® cartridge assembly can be replaced in an installed station within minutes by simply unscrewing the cartridge with a standard wrench and inserting the new one. The used cartridge can then be cleaned by emerging it in descaling solution, inspected, and reused.

The impact of production downtime can severely effect your bottom line. To maximum your uptime be sure to have a spare cartridge assembly readily available to keep your operation running smoothly.



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