ThermOmegaTech®

HCX WASHDOWN STATION

HOT & COLD WATER MIXING STATION

The **HCX** (Hot/Cold Water Mixing) Station combines simplicity and cost effectiveness with the reliability and safety inherent in all ThermOmegaTech® washdown stations. The **HCX** station uses individual globe valves to mix hot and cold water to the desired proportion with the outlet temperature clearly displayed on the integrated, easy to read temperature gauge.

The **HCX** station is available in stainless steel or brass/bronze construction and can be ordered with our exclusive SmartFlow feature. This thermostatically controlled in-line safety shutoff valve (shown inset) will reduce flow should the outlet temperature exceed the factory set point and shut down 10°F above that with a minimal amount of leakage. Available set point temperatures are 125°F, 135°F, 150°F. This unit is not designed for steam service. Please refer to our STVM® Washdown Station product sheet for steam and water mixing applications.





HCX with SmartFlow installed

SPECIFICATIONS

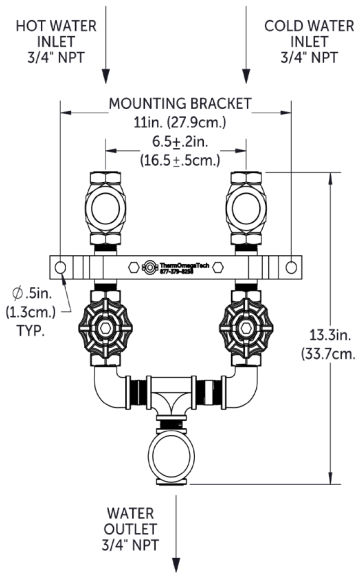
TECHNICAL DATA	
Maximum water pressure	150 PSIG
Maximum water inlet temperature	200°F (93.3°C)
Approximate weight (w/o hose & gun)	11.3 lbs. (5.13 Kg)

SIZES AND PIPE CONNECTIONS	
Mixing Station	¾" NPT inlets and outlet
Hose	¾" NPT (male) swivel x ½" NPT (male) swivel
Gun	Accepts ½" male NPT

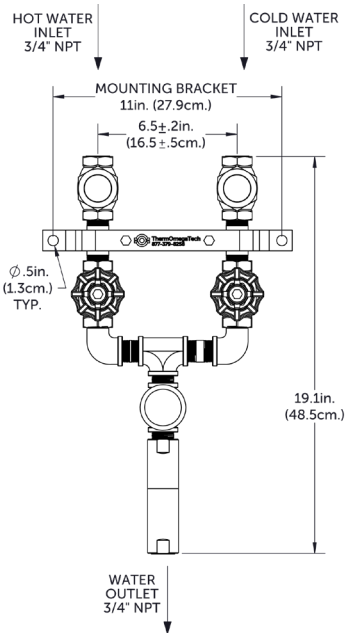
MATERIALS	
Mixing valve body	Stainless Steel or Bronze
Globe valves	Stainless Steel or Bronze/B62
Check valves	Stainless Steel or Bronze
Temperature gauge	Stainless Steel/Plexi-glass
Mounting bracket	Stainless Steel
Pipe fittings	Stainless Steel or Brass/Bronze
Hose rack	Stainless Steel

DIMENSIONS

HCX



HCX SMARTFLOW



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ACCESSORIES







Washdown Gun

- Rated at 350 PSIG
- Max working temperature of 195°F (90.6°C)
- Adjustable cone angle from 0° to 60°
- Weighs 2.1 lbs
- ½" FPT inlet
- Positive shut-off

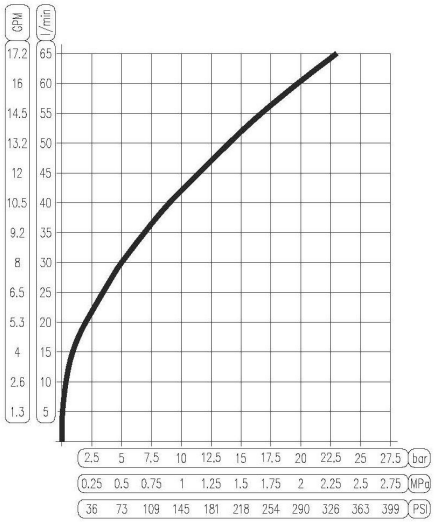
Hose Assemblies

Colors	Black, White Creamery
Tube	EPDM
Reinforcement	4 Textile Plies
Cover	EPDM Smooth Finish
Fitting material	Brass and Plated Steel
Working pressure	300 PSIG (20.7 BAR)
Temperature limit	200°F (93.3°C)
Nominal I.D.	3/4"
Standard lengths	25ft, 50ft, & 75ft.

Not intended for steam service

Washdown Gun Flow Rate - Pressure

Washdown Gun Flow Rate - Pressure



ORDERING INFORMATION

Part Number	Description
377 - 510030 - 000	HCX, Brass construction
377 - 510130 - 000	HCX, Stainless Steel construction
377 - 610030 - XXX	HCX with SmartFlow, Brass construction[1]
377 - 610130 - XXX	HCX with SmartFlow, Stainless Steel construction[1]
940 - 000100 - 050	50ft. Black Hot Water Hose (25, 50, and 75 feet lengths available)
940 - 100100 - 050	50ft. White Creamery Hot Water Hose (25, 50, and 75 feet lengths available)
941 - 410110 - 000	Blue Washdown Gun

NOTES

1. Available shut-off temperatures: 125°F (51.6°C), 135°F (57.2°C), 150°F (65.6°C)

ThermOmegaTech®, Inc.
353 Ivyland Road
Warminster, PA 18974
1-877-379-8258
www.ThermOmegaTech.com

Because of continuous improvements, ThermOmegaTech®, Inc. reserves the right to change the design and specifications without notice