

# 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 Washdown 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 shut down flow should the outlet exceed the specified shut off temperature. Available shut off temperatures are 125°F, 135°F, 145°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)

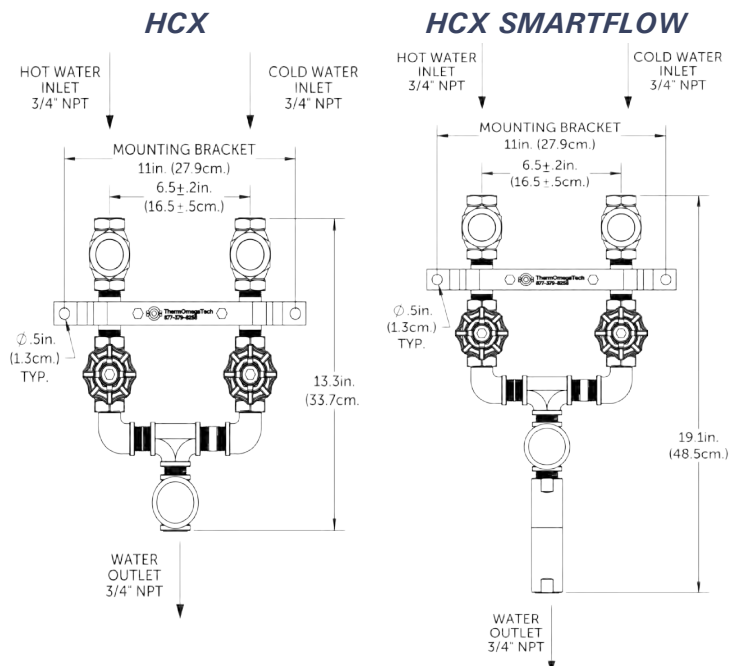
### SIZES AND PIPE CONNECTIONS

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  
 Temperature gauge..... Stainless Steel/Plexi-glass  
 Mounting bracket..... Stainless Steel  
 Pipe fittings..... Stainless Steel or Brass/Bronze  
 Hose rack..... Stainless Steel

### DIMENSIONS



HCX  
 REV: 07/25/17

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## ACCESSORIES



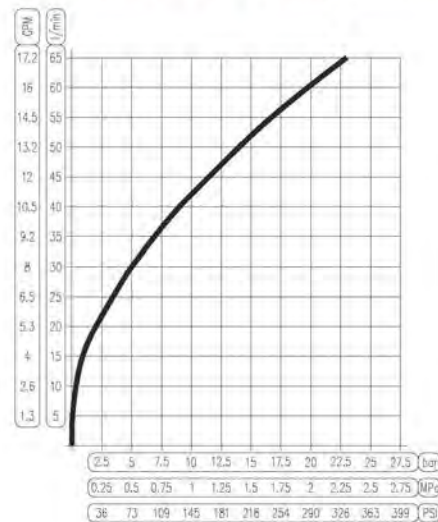
### Hose Assemblies

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



### 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

## 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 <sup>1</sup>
377 - 610130 - XXX	HCX with SmartFlow, Stainless Steel construction <sup>1</sup>
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



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