

# 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) |

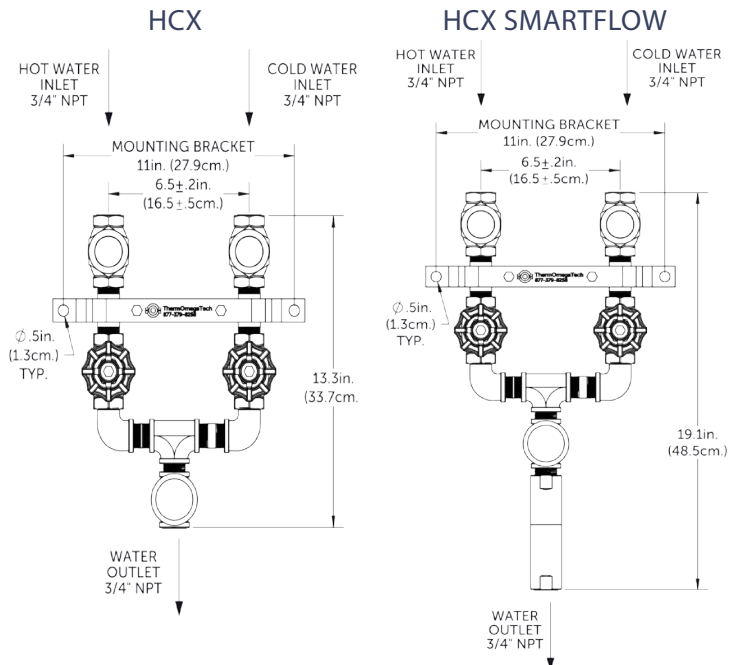
### SIZES AND PIPE CONNECTIONS

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

### DIMENSIONS



HCX  
REV: 8/21/17

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## ACCESSORIES

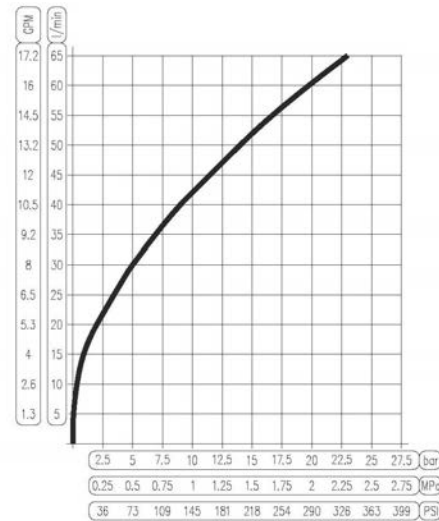


### Hose Assemblies

|                                |                        |
|--------------------------------|------------------------|
| 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
- 1/2" 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)



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