



# Steam & Water Mixing Battery with Hose Station

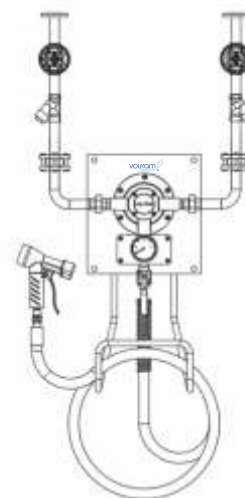
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# Steam and Water Mixing Battery with Hose Station.(VHWS 020-P)

- Single source supply for wash down of floor, equipment's etc. with hot or cold water.
- This unit allows steam to mix with cold water to provide instantaneous hot water source for hosing down.
- Overshoot temperature protection is provided for safety of the operators.
- Designed to provide hot water economically by blending steam and cold water quickly.



## Construction of the system:

In this system, steam/ water mixing valve of 304 stainless steel construction is provided. The valve is supplied as standard with all stainless steel (SS) internals. Inlet supply risers comprising 1/2" Y-type strainers and 1/2" ball valves cross-linked by a stainless-steel bridge piece and lever for simultaneous on/off control of both inlet supplies. The unit is supplied with a stainless-steel hose rack, Stainless Steel dual scale top mount Thermometer and Stainless-Steel inlet Check Valves.

The VHWS012-SS also includes 25 feet of "safety high temperature" wash-down hose, SS rubber cushioned spray nozzle with SS swivel adapter and a stainless-steel nozzle hook.

## High Pressure Water Wash Gun

The gun is designed for use on any hot or cold-water wash down and cleaning hose application. When the trigger is released water flow ceases which can save up to 50% of your hosed water cost.

- Designed Up to 90°C
- Brass Body/ Stainless Steel Body
- Rubberised Covered Suitable for hot / cold water wash down CIP & cleaning jobs with option of two spray actions-cone & jet spray

### Limiting conditions

- Body design conditions: PN20/25
- Maximum design temperature :90°C
- Maximum working pressure: 7 bar g
- Maximum operating temperature: 90°

## Hose

The hose is suitable for conveying steam, hot and cold water. It is a dairy wash-down hose rated to 100°C

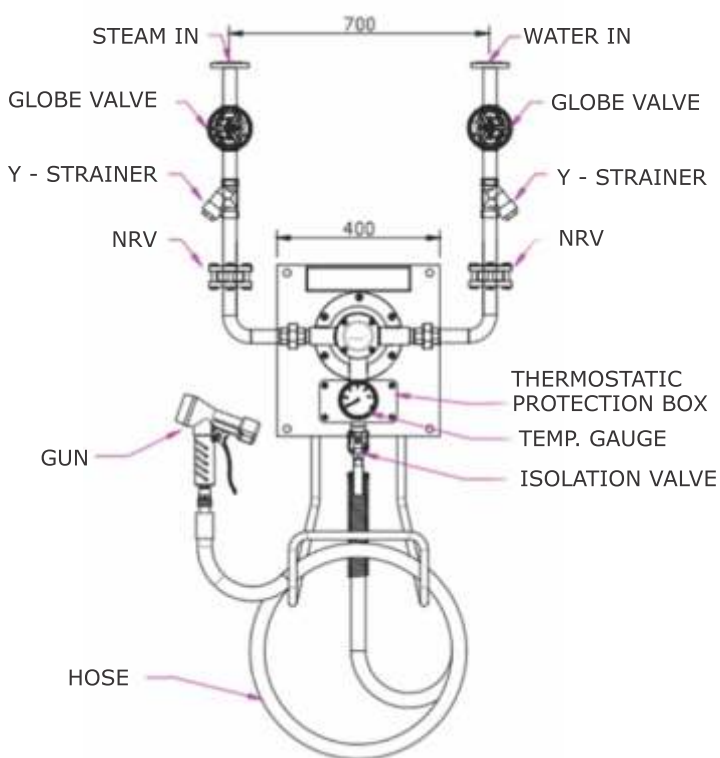
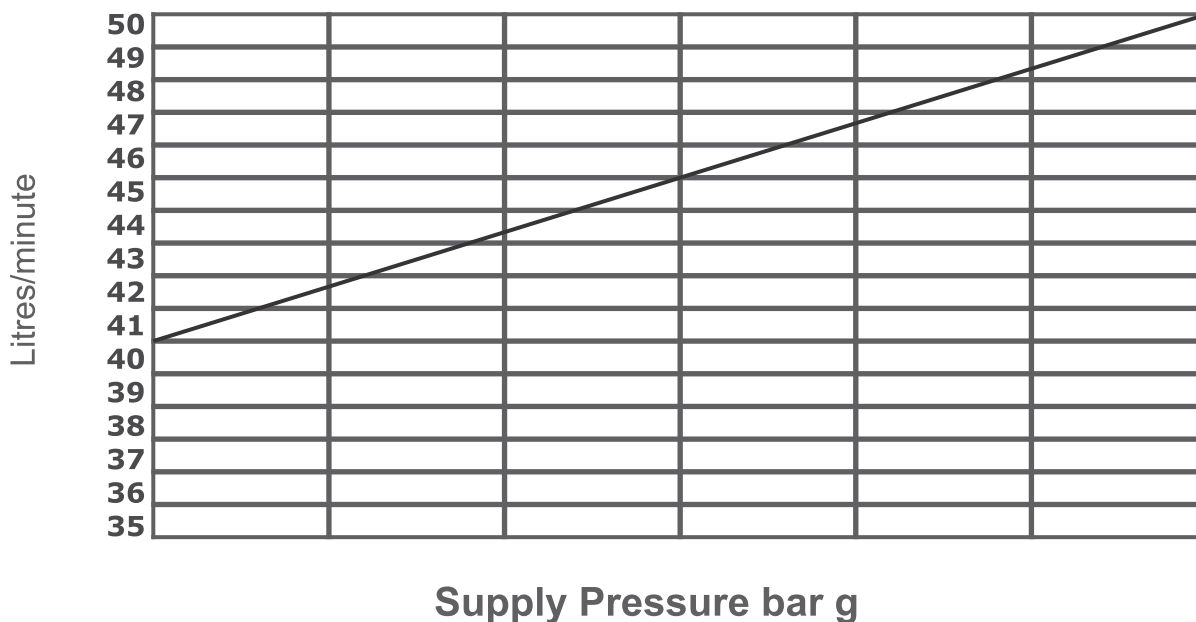
### Limiting conditions

Body design conditions	: PN20/25
Maximum design temperature	: 90°C
Maximum working pressure	: 10bar g
Maximum operating temperature	: 90°C

### Operation:

- If a wide spray pattern is required, squeeze the trigger a small amount.
- If a solid jet is required, squeeze the trigger fully.
- Releasing the trigger will shut off the water flow. Part trigger opening Full trigger opening.

### Capacity 3/4" Hosedown Station



### Thermostatic protection Box:

The most important factor in the industry is human safety. The Volfram Hot & cold wash station with high-temperature protection –VHWS012, offers the most advanced external high temperature protection box to prevent hot water over 90°C and steaming.

During the operation (washing), in case of shortage of water or drop in water pressure or due to some other issue there are chances of steaming or very hot water can rush through the hose. The thermostatic protection box identifies such hazards and cuts off the supply to the hose.

This gets automatically reset when safe condition is achieved.