



## Hot and Cold Water Washdown Unit

### Description

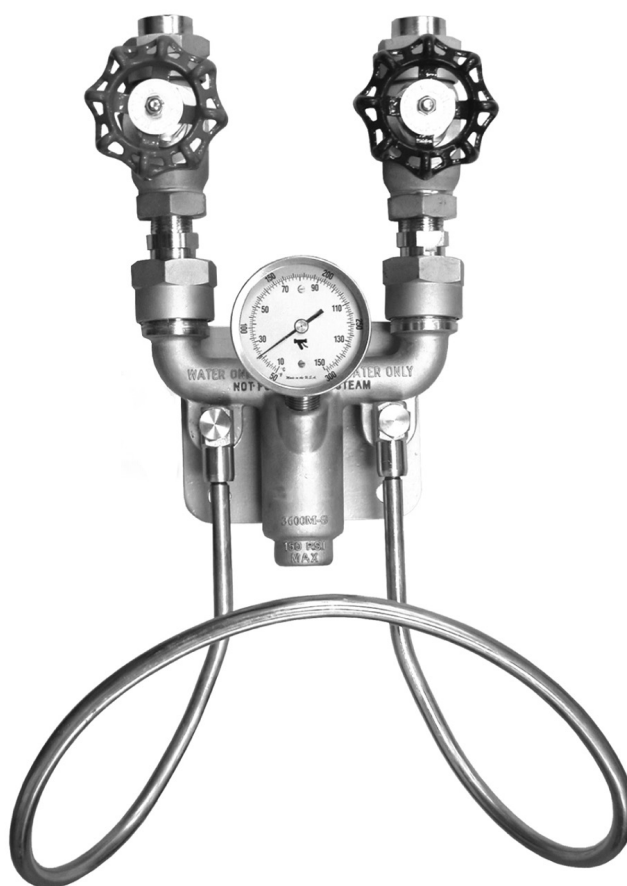
Spirax Sarco's hot & cold water washdown unit was specifically designed for thoroughly blending hot and cold water instantly. The unit uses "Y" style body mechanics with lift check valves and ball joint unions for superior flexibility during installation. Spirax Sarco's inlet center lines have the same dimensions as most competitors' units.

### Range

Our units come with a mounting plate for easy behind the unit cleanup, hose rack for easy user access to the hose, and temperature gauge for accurate temperature readings at outlet.

### Recommended ancillaries

- Hose
- Nozzle



### Installation

Full details are provided in the installation and maintenance instructions supplied with each system.

### Sizes and pipe connections

Washdown Unit	3/4" NPT inlets and outlet (primary and secondary)
Hose	3/4" NPT (male) x 1/2" NPT (male)
Nozzle	1/2" NPT (female)

## Materials

Item	Bronze	Stainless steel
Steam-Water Washdown Unit	Bronze	Stainless steel
Globe Valves	Bronze	Stainless steel
Check Valves	Bronze	Stainless steel
Temperature Gauge (Dual Scale °F/°C)	Stainless steel/Polycarbonate (Face)	Stainless steel/Polycarbonate (Face)
Mounting Bracket	Epoxy Coated Aluminum	Stainless steel
Pipe Fittings	Bronze	Stainless steel
Hose Rack	Stainless steel	Stainless steel

## Spare parts

Connection Nut	Teflon Gasket
Check Valve	Teflon Coated Copper Gasket
Globe Style Valve	Brass/Stainless steel
Check Valve	Brass/Stainless steel
Hand Wheel	Red/Blue Epoxy Coated

## Technical data

	Brass	Stainless steel
Water Pressure (min)	30 psi (2.1 bar)	30 psi (2.1 bar)
Water Pressure (max)	150 psi (10.3 bar)	150 psi (10.3 bar)
Maximum Water Output Temperature	200 °F (93 °C)	200 °F (93 °C)

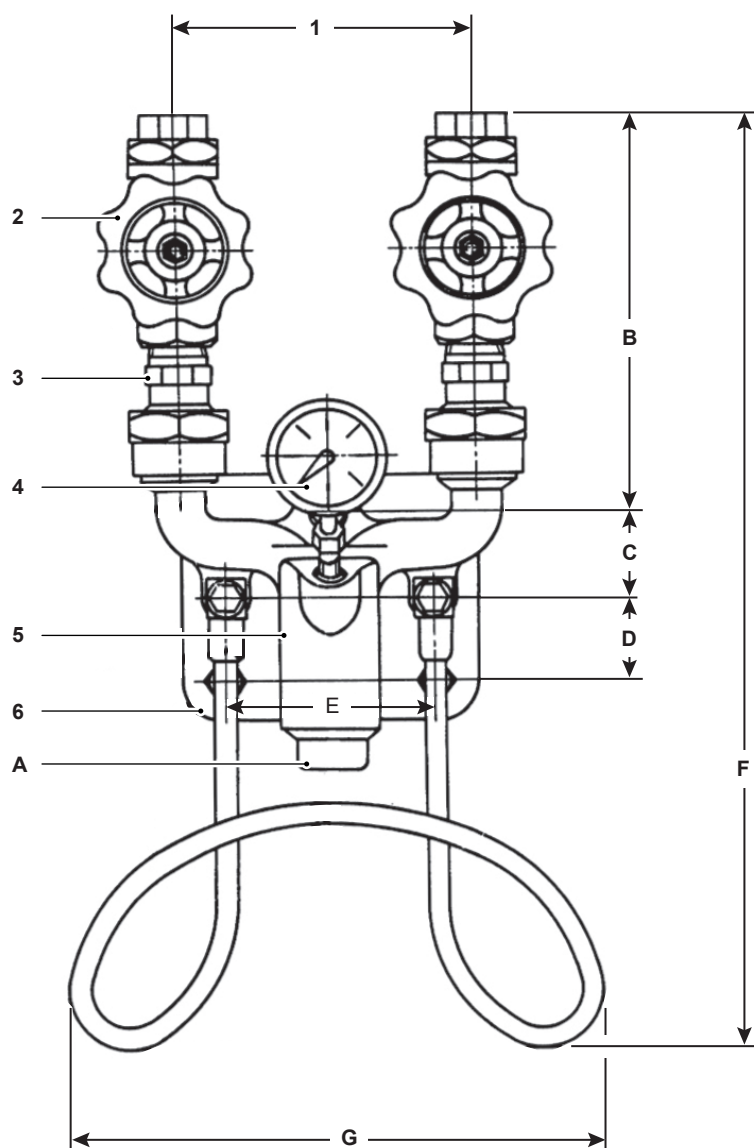
## Weight

Bronze	Stainless steel
20lbs (9.1 kg)	20lbs (9.1 kg)

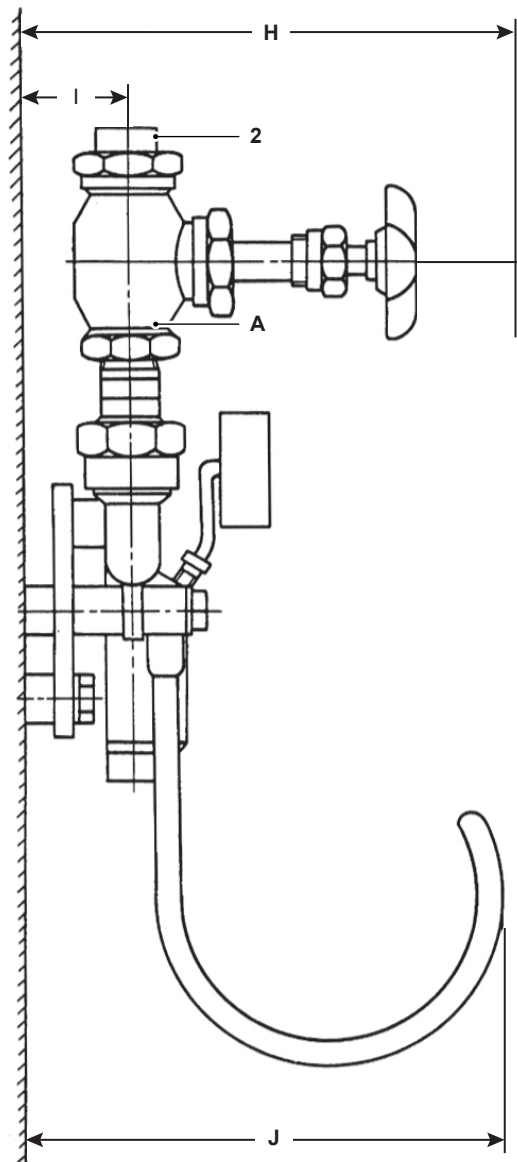
## Pressure and flow rate

Inlet pressure	Flow rate
30 psi (2.1 bar g)	5.3 gpm (24 lpm)
40 psi (2.8 bar g)	6.2 gpm (28 lpm)
50 psi (3.4 bar g)	6.9 gpm (31 lpm)
60 psi (4.1 bar g)	7.5 gpm (34 lpm)
70 psi (4.8 bar g)	8.1 gpm (37 lpm)
80 psi (5.5 bar g)	8.7 gpm (40 lpm)
90 psi (6.2 bar g)	9.2 gpm (42 lpm)
100 psi (6.9 bar g)	9.8 gpm (45 lpm)

## Unit items and dimensions (approximate in inches)



**Front view**



**Side view**

- 1 6 piece centers
- 2 Globe valves
- 3 Check valves
- 4 Temperature gauge (optional)
- 5 Mixing chamber
- 6 Wall bracket

- A  $\frac{3}{4}$ " NPT
- B  $8\frac{1}{4}$ " (210 mm) approximate
- C  $1\frac{3}{4}$ " (44.5 mm)
- D  $1\frac{3}{4}$ " (44.5 mm)
- E  $4\frac{3}{16}$ " (106 mm)
- F  $19\frac{5}{8}$ " (505 mm) approximate
- G  $10\frac{3}{4}$ " (273 mm) approximate
- H 9" (229) open
- I  $2\frac{5}{32}$ " (54.8 mm) approximate
- J  $9\frac{1}{2}$ " (241 mm) approximate

Nozzles

The standard flow nozzles we offer are durable with variable spray patterns, adjustable from fan spray to solid stream. Nozzles are available in stainless steel, aluminum, and brass. Cover colors available in Blue, Red and White.

Optional nozzle

Temperature indicating nozzles are also available. Nozzle provides accurate water temperature reading at the nozzle output.

Rating: 150 psi (10.3 bar g)/200°F (93°C)

**Note:** Not for use with steam

Hoses

All hoses are flexible, lightweight, durable and safe. Standard hoses from Spirax Sarco come with 360° ball type swivel adapter (SS or Bronze) for our nozzles to prevent hose kinking and ease of use.

Lengths available in 25', 50' 75', and 100'. Colors available in white, black, yellow and red.



Inner diameter	Maximum pressure	Cover color	Cover material	Tube material	Reinforcement
3/4"	250 psi (17.2 bar)	White	Smooth EPDM	EPDM	4 Polyester Yarn Spirals
3/4"	250 psi (17.2 bar)	Black	Smooth EPDM	EPDM	4 Polyester Yarn Spirals
3/4"	300 psi (20.7 bar)	Red	Smooth EPDM	EPDM	2 Polyester Yarn Spirals
3/4"	400 psi (27.6 bar)	Yellow	Smooth Nitrile	Nitrile	2 Polyester Yarn Spirals