For Non-Health Hazard Applications

Job Name _____ Contractor _____

Job Location _____ Approval _____

Engineer _____ Contractor's P.O. No. _____

Approval _____ Representative _____

Series 912HP

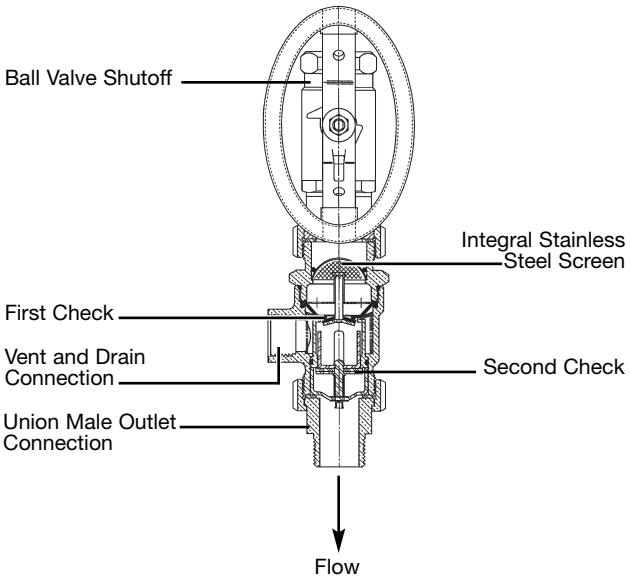
High Pressure Hose Drop Backflow Preventers

Sizes: ¾", 1" (20, 25mm)

Series 912HP High Pressure Hose Drop Backflow Preventers are specifically made for isolation protection on high pressure plumbing supply lines, such as high pressure hose drops which are used for the washdown of equipment and facilities. Ideally suited for food processing plants, series 912HP provides backsiphonage and backpressure backflow protection to prevent the reverse flow of potentially contaminated water from the processing and rendering areas into the potable water supply. Series 912HP safeguards the water supply, thus ensuring the water is safe to drink and is safe for use in processing the meat within the facility.

The assembly is designed for non-health hazard applications and may be used where continuous pressure conditions exist. The valve incorporates the use of a bronze ball valve shutoff on the inlet of the assembly and a dual check with atmospheric vent specifically designed to handle the temperature and pressure conditions commonly found in the meat processing industry. Female inlet and male outlet connections. Sizes: ¾" (20mm) and 1"(25mm). Drain is ½" (15mm) threaded connection.

912HP
Patent #6,397,878
May also be installed vertically



Features

- All bronze ball valve and brass backflow preventer
- Designed for maximum working pressure of 400psi (28 bars)
- Female national pipe thread inlet connection and male national pipe thread outlet connection
- Ball valve design includes reinforced/enhanced PTFE seats and electroless nickel plated brass ball, blow-out proof pressure retaining stem, and low profile oval handle.
- In the event of fouling of the downstream check valve, leakage would be vented to atmosphere thereby providing a visual indication of failure of the check assembly.
- Can be installed vertically (flow up or flow down) or horizontally.
- Integral stainless steel screen protects the check assemblies from fouling due to dirt and debris.

Specifications

A High Pressure Hose Drop Backflow Preventer shall be installed on all hose drops to provide protection against backpressure and backsiphonage backflow. The high pressure hose drop backflow preventer shall consist of a ball valve of 2-piece construction with a ASTM B-584 bronze body, ASTM B-16 or B-124 ENP brass ball, Durafill® or Uniseal seats, Teflon® stem packing, blow-out proof stem, and low profile oval handle. The assembly shall also include a dual check with atmospheric vent consisting of a primary check valve utilizing a rubber disc setting against a mating rubber part to ensure tight sealing. The secondary check shall utilize a Teflon® disc to provide protection against backpressure. The backflow preventer body shall be of brass construction with a brass male tail piece and integral stainless steel strainer. The assembly shall be rated at a maximum working pressure of 400psi (28 bars) and a maximum temperature of 180°F (75°C). The high pressure hose drop backflow preventer shall be a Watts Regulator Company Series 912HP.

WATTS® REGULATOR

Materials

Body: Brass

Internal Metal Parts: Stainless steel

Pressure — Temperature

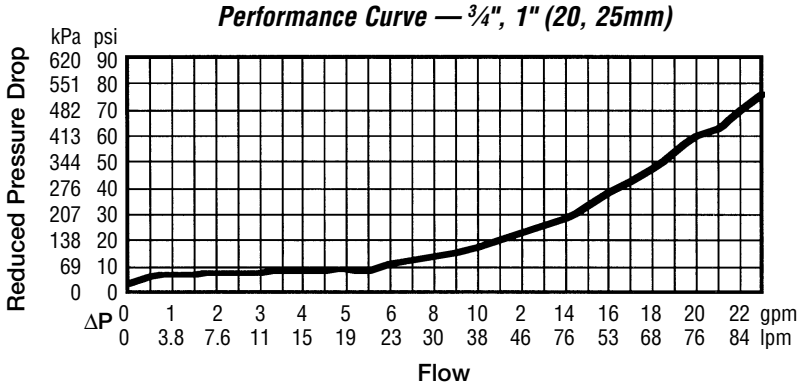
Suitable for supply pressures up to 400psi (27.5 bars) and temperatures up to 180°F (82°C). May also be used at temperatures up to 200°F (93°C) and water supply pressures up to 250psi (17 bars).

Capacity

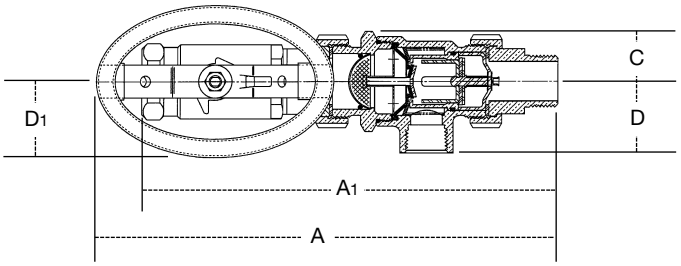
Performance as established by an independent testing laboratory.

*Typical maximum system flow rate (7.5 feet/sec.)

Performance Curve — ¾", 1" (20, 25mm)

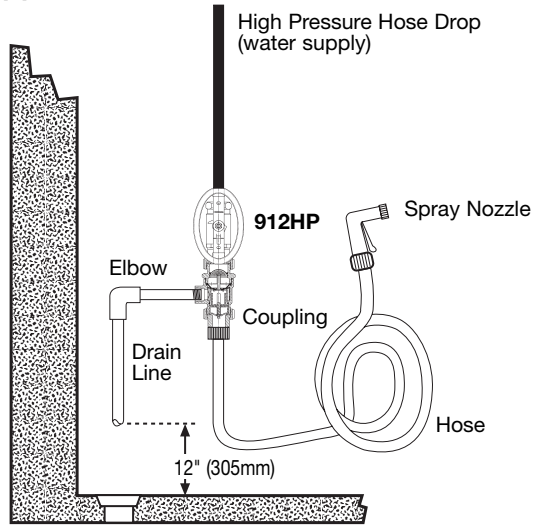


Dimensions — Weights



SIZE (DN)		DIMENSIONS										WEIGHT	
		A		A1		C		D		D1			
in.	*mm*	*in.*	*mm*	*in.*	*mm*	*in.*	*mm*	*in.*	*mm*	*in.*	*mm*	*lbs.*	*kgs.*
¾"	20	9 3/16	233	8 5/16	211	1	25	1 7/16	37	1½	38	3	1.4
1	25	10	254	9 5/16	236	1	25	1 7/16	37	1½	38	4	1.8

Typical Application



IMPORTANT: *INQUIRE WITH GOVERNING AUTHORITIES FOR LOCAL INSTALLATION REQUIREMENTS*

ISO 9001 CERTIFIED

WATTS® REGULATOR

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Canada: 5435 North Service Rd., Burlington, ONT L7L 5H7; www.wattscda.com