

Series 9 (1/4" – 3/8")

Dual Check Vacuum Breakers

- Used to prevent the flow of contaminated water into the potable water supply
- Use where water spillage will not cause damage

Models

N9C – Dual check backflow preventer with atmospheric vent. For continuous pressure applications. Sizes 1/4" (8mm) and 3/8" (10mm) NPT female inlet and outlet connections. Max. pressure 125psi (8.6 bar).

N9 – the same as N9C except in brass finish.

NLF9 – Has a 3/8" (10mm) NPT male inlet connection. Max. pressure 150psi (10.3 bar). For non-continuous pressure applications.

N9-CD – In-line field testable, dual check backflow preventer with atmospheric vent. Non-removable design. Size 3/4" (20mm) hose thread female inlet x 3/4" (20mm) HT male outlet connection. Max. pressure 150psi (10.3 bar). Max. temperature 180°F (82°C).

9D – Dual check backflow preventer with atmospheric vent for continuous pressure. Sizes 1/2" (15mm) and 3/4" (20mm) NPT female union inlet and outlet connections. Max. pressure 175psi (12.1 bar). Min. pressure required 25psi (172.4 kPa). Max. temperature 250°F (121°C).

9DS – same as Model 9D with solder ends.

9BD – Special backflow preventer for vending machine water supply lines. Complies with FDA food additive regulations. Standard size: 3/8" (10mm) flare copper tube (FCT) inlet and outlet. Max. pressure 150psi (10.3 bar). Max. temperature 140°F (60°C).

For additional information, request literature ES-9, ES-N9-CD, or ES-9D-M3,M2.



9D



N9-CD

Series 912HP (3/4", 1")

High Pressure Hose Drop Backflow Preventer

- 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
- Provides and backpressure backflow protection to prevent the reverse flow of potentially contaminated water from the processing and rendering areas into the potable water supply
- Maximum Working Pressure: 400psi (27.6 bar)
- Maximum Temperature: 160°F (71°C)

Specifications

For non-health hazard applications where continuous pressure conditions exist. 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.

For dimensional and additional information, request literature ES-912HP.



912HP
Patent# 6,397,878B1

Features

- Female national pipe thread inlet and male national pipe thread outlet connections
- Ball valve design includes reinforced/enhanced PTFE seats and electroless nickel plated brass ball
- Blow-out proof pressure retaining stem
- 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 assembly from fouling due to dirt and debris