

For Residential and Commercial Health Hazard Applications

Job Name _____
 Job Location _____
 Engineer _____
 Approval _____

Contractor _____
 Approval _____
 Contractor's P.O. No. _____
 Representative _____

Watts N9-CD

Field Testable Hose Connection Backflow Preventer

Size: 3/4" (20mm) Hose thread

The N9-CD is designed to prevent high hazard backsiphonage backflow and low-head backpressure (10ft. or less) from contaminating the potable water supply. The N9-CD is ideally suited to prevent backflow associated with hose connections and may be screwed directly to the sill cock, yard hydrant or wall hydrant. Typical installations include service sinks, chemical dispensers, sill cocks and frost proof hydrants.

Watts N9-CD features include two independently operating rubber and stainless steel check valves with an atmospheric vent located between the check valves. In the event of fouling of the downstream check valve, leakage would be vented to atmosphere, thereby, providing a visual indication of failure. The integrity of the check valves can also be verified by performing the field test procedure included with the N9-CD.

Features

- Exclusive "Non-removable" design eliminates the need for break-away set screw
- Center-guided check valves for repeatable seating
- In-line field testable - no special gauges required
- Manually drainable for freeze protection
- Durable brass body with stainless steel checks for corrosion resistance
- Streamlined design for low pressure drop
- Can be installed vertically or horizontally
- Positive backsiphonage protection
- Chrome plated model available (N9-CD-C)

Specifications

Maximum pressure: 125psi (8.6 bars).

Maximum temperature: 180°F (82°C).

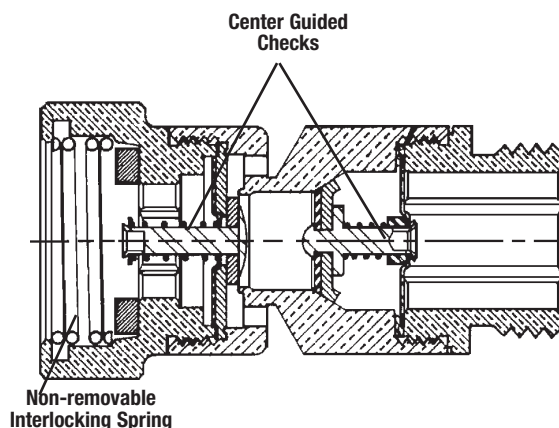
Inlet Connection: 3/4" (20mm) standard female hose thread

Outlet Connection: 3/4" (20mm) standard male hose thread

A hose connection backflow preventer shall be installed where indicated on the plans to prevent the backsiphonage of potentially contaminated water. The device shall not be subjected to continuous pressure (more than 12 hours) or backpressure (more than 10 feet). The hose connection backflow preventer shall consist of two independently operating check valves with an intermediate atmospheric vent. The assembly shall be non-removable via the use of an interlocking spring contained in the



3/4" (20mm) N9-CD



Use only with approved hose bibbs or hose fittings having four or more full American National Hose (NH) threads.

Specifications (cont.)

backflow preventer. The use of break-away set screws as a non-removable retention method is not allowed. The hose connection backflow preventer shall be in line field testable without the use of special test gauges or instruments. The device shall meet the requirements of ASSE Std. 1052 and shall be a Watts Regulator Company N9-CD.

Standards

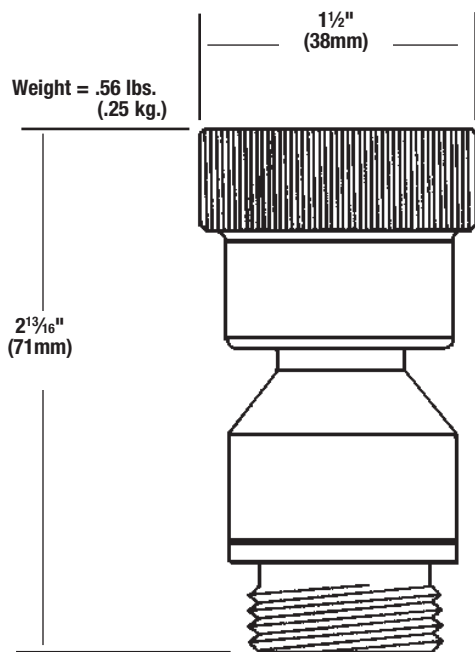
Tested and approved in conformance with Standard 1052 of the American Society of Sanitary Engineers and by all principal cities, states, and areas having these requirements.

IMPORTANT: Inquire with governing authorities for local installation requirements.

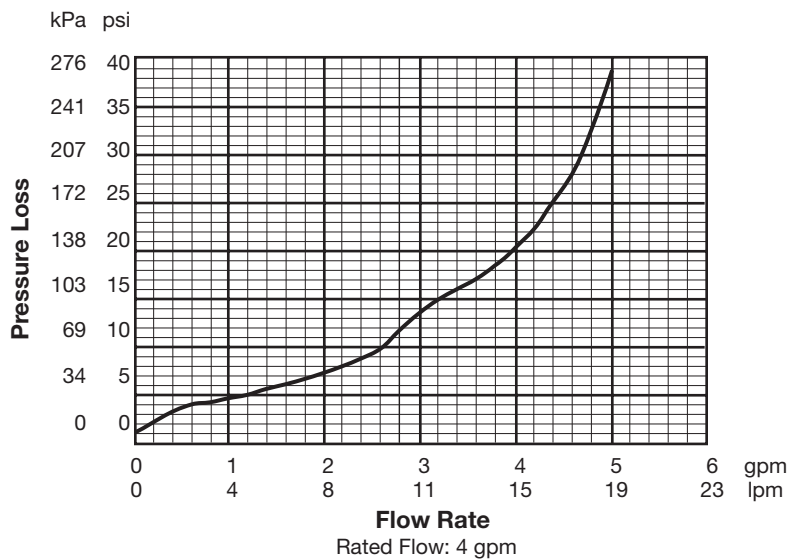
These devices are not intended for installation where emergency or temporary water discharge can cause water damage.



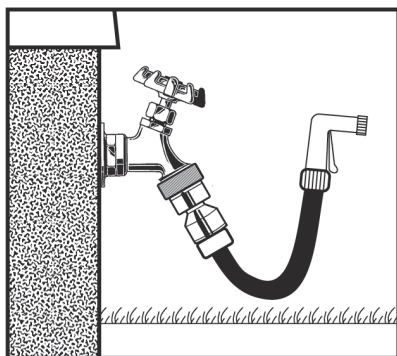
Dimensions - Weight



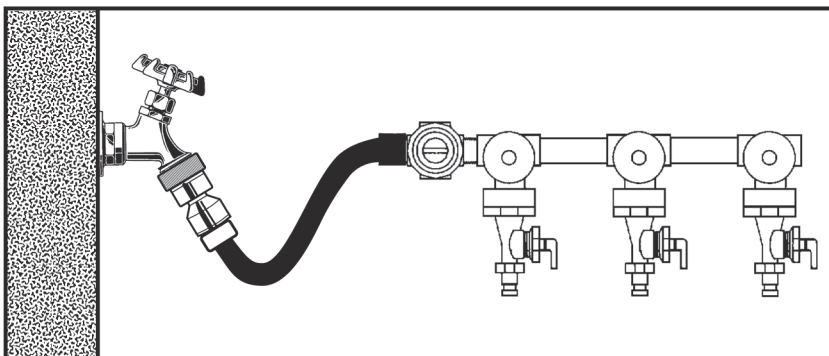
Capacity



Installations



Sillcock Installation



Chemical Dispenser Installation



A Watts Water Technologies Company



**ISO 9001-2000
CERTIFIED**

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