

# For Health Hazard Applications

Job Name \_\_\_\_\_  
 Job Location \_\_\_\_\_  
 Engineer \_\_\_\_\_  
 Approval \_\_\_\_\_

Contractor \_\_\_\_\_  
 Approval \_\_\_\_\_  
 Contractor's P.O. No. \_\_\_\_\_  
 Representative \_\_\_\_\_

## Series NLF9 Dual Check Vacuum Breakers for Laboratory Faucets

Sizes: 3/8" and 3/4" (10 and 20mm)

Series NLF9 Dual Check Vacuum Breakers for Laboratory Faucets are used for noncontinuous pressure, health hazard, applications and are backsiphonage backflow preventers. This series is specially made for laboratory faucets where portable hoses can be attached and prevent the flow of contaminated water back into the potable water supply. These vacuum breakers can be installed on new or existing faucets without plumbing changes.

### Pressure-Temperature

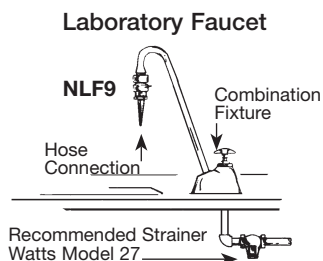
**Temperature Range:** 33°F – 180°F (0.5°C – 82°C)  
**Maximum Working Pressure:** 150psi (10.3 bar)

### Applications

NLF9 should be installed on every laboratory outlet where a hose can be attached. Its unique design provides full protection against all backsiphonage conditions.

To prevent tampering, it is recommended that the NLF9 be secured to the laboratory faucet with Loctite.

Use NLF9 for non-continuous pressure applications.



### Dimensions – Weights

SIZE (DN)		DIMENSIONS				WEIGHT	
in.	mm	A	B	B1	lbs.	kgs.	
3/8	10	2 3/8	1 1/4	1	.38	.17	
3/4	20	2 3/8	1 1/4	1	.38	.17	

Watts product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Watts Technical Service. Watts reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Watts products previously or subsequently sold.

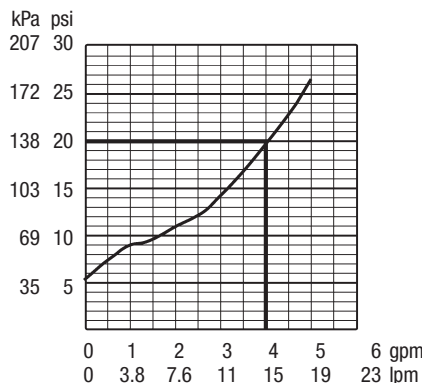


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NLF9

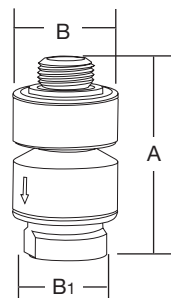
### Capacity



### Construction

NLF9 is suitable for either hot or cold water service. It features brass construction and a primary check valve utilizing a soft disc which seats against a soft rubber mating part to ensure tight closing. A secondary check valve utilizes a soft disc-to-metal seating. NLF9 provides better-than-average flow rate and consequently lower pressure loss. Construction is brass body with polished chrome plating, stainless steel working parts and durable rubber diaphragm and disc.

### Standards



CSA B64.7  
 ASSE 1035 – "Laboratory  
 Faucet Vacuum Breakers"

### Approvals



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