

Watts Model N9 and Model NLF9 Backflow Preventers

IS-N9-NLF9

ATTENTION INSTALLER: After installation, please leave this Instruction Sheet for occupant's information.

Installation Instructions

Before installing, flush out pipe lines to remove scale and other foreign matter. The valves can be installed horizontally or vertically. Install the valve in the line with the arrow on valve body pointing in the direction of flow. Model NLF9 is furnished with inlet thread gasket and pipe dope or Teflon® tape should not be used. However, Teflon® tape is recommended for the pipe threads of Model N9. To maintain the valve discs in a clean operating condition, we strongly recommend a pipe line strainer (Watts Model 27) be installed in the supply line before the Model N9 or Model NLF9.

Important

These devices are not intended for installation where emergency or temporary water discharge can cause water damage because they are not designed to be spillage free under all service conditions. For this reason and for maintenance accessibility, these devices must not be installed inside a wall or any concealed location.

This device should be installed at the furthestmost downstream end of the supply pipe or fixture where temporary spillage due to critical flow pressure conditions can be discharged harmlessly. Also, the backflow preventer will operate most satisfactorily when located as far downstream as possible, because any backpressure is minimized.

Application

Watts 3/8" (10mm) Model NLF9 is recommended for laboratory faucets and is not suitable for continuous pressure applications. The Model N9 series are recommended for either continuous or intermittent pressure type installations.

Potable water must be protected from backflow of low hazard substances used in equipment container, sinks and set tubs. In the event of negative supply pressure such contaminated fluids will not backflow to the supply source by backsiphonage. For clarification of low hazard substances consult Local Plumbing Authority or Health Department.

Maintenance

Annual inspection is required, since cleaning and checking of all water system safety and control valves assures maximum life and proper product function.

Temperature and Pressure

Maximum Pressure 150psi (10.3 bar).
Maximum Temperature 140°F (60°C).

Annual inspection of all water system safety and control valves is required and necessary. Regular inspection, testing and cleaning assures maximum life and proper product function.

Teflon® is a registered trademark of the E.I. DuPont de Nemours & Company.

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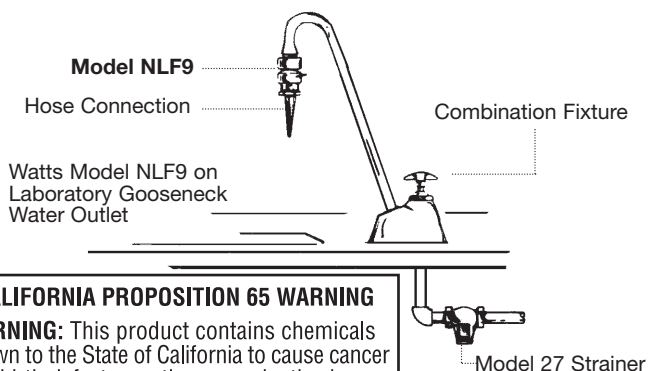
Repair Kits

Model 9 and NLF9 repair consists of; diaphragm assembly, discs assembly and a gasket.

N9/NLF9 Total Repair Kit

ORDERING CODE	KIT NO.	SIZE
886019	RK N9/NLF9 T	1/4" - 3/8" (8-10mm)

Kit includes: Diaphragm assembly, Disc assembly and gasket.



CALIFORNIA PROPOSITION 65 WARNING

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. (California law requires this warning to be given to customers in the State of California.)

For more information: www.watts.com/prop65

Limited Warranty: Watts Regulator Co. (the "Company") warrants each product to be free from defects in material and workmanship under normal usage for a period of one year from the date of original shipment. In the event of such defects within the warranty period, the Company will, at its option, replace or recondition the product without charge.

THE WARRANTY SET FORTH HEREIN IS GIVEN EXPRESSLY AND IS THE ONLY WARRANTY GIVEN BY THE COMPANY WITH RESPECT TO THE PRODUCT. THE COMPANY MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED. THE COMPANY HEREBY SPECIFICALLY DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

The remedy described in the first paragraph of this warranty shall constitute the sole and exclusive remedy for breach of warranty, and the Company shall not be responsible for any incidental, special or consequential damages, including without limitation, lost profits or the cost of repairing or replacing other property which is damaged if this product does not work properly, other costs resulting from labor charges, delays, vandalism, negligence, fouling caused by foreign material, damage from adverse water conditions, chemical, or any other circumstances over which the Company has no control. This warranty shall be invalidated by any abuse, misuse, misapplication, improper installation or improper maintenance or alteration of the product.

Some States do not allow limitations on how long an implied warranty lasts, and some States do not allow the exclusion or limitation of incidental or consequential damages. Therefore the above limitations may not apply to you. This Limited Warranty gives you specific legal rights, and you may have other rights that vary from State to State. You should consult applicable state laws to determine your rights. **SO FAR AS IS CONSISTENT WITH APPLICABLE STATE LAW, ANY IMPLIED WARRANTIES THAT MAY NOT BE DISCLAIMED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO ONE YEAR FROM THE DATE OF ORIGINAL SHIPMENT.**



Backflow Prevention Products

USA: 815 Chestnut St., No. Andover, MA 01845-6098; www.watts.com

Canada: 5435 North Service Rd., Burlington, ONT. L7L 5H7; www.wattscanada.ca

IS-N9-NLF9 0829

EDP# 1910202

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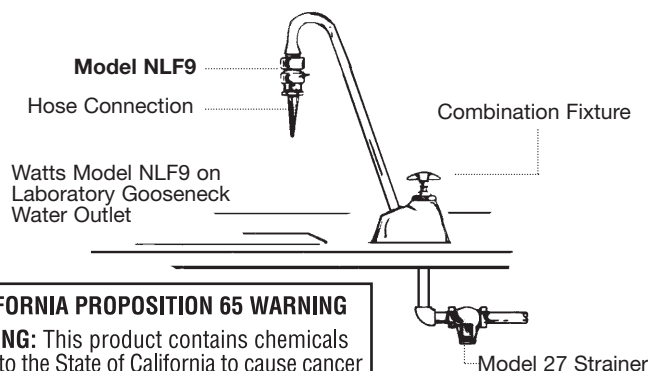
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The remedy described in the first paragraph of this warranty shall constitute the sole and exclusive remedy for breach of warranty, and the Company shall not be responsible for any incidental, special or consequential damages, including without limitation, lost profits or the cost of repairing or replacing other property which is damaged if this product does not work properly, other costs resulting from labor charges, delays, vandalism, negligence, fouling caused by foreign material, damage from adverse water conditions, chemical, or any other circumstances over which the Company has no control. This warranty shall be invalidated by any abuse, misuse, misapplication, improper installation or improper maintenance or alteration of the product.

Some States do not allow limitations on how long an implied warranty lasts, and some States do not allow the exclusion or limitation of incidental or consequential damages. Therefore the above limitations may not apply to you. This Limited Warranty gives you specific legal rights, and you may have other rights that vary from State to State. You should consult applicable state laws to determine your rights. **SO FAR AS IS CONSISTENT WITH APPLICABLE STATE LAW, ANY IMPLIED WARRANTIES THAT MAY NOT BE DISCLAIMED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO ONE YEAR FROM THE DATE OF ORIGINAL SHIPMENT.**



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