Watts Model N9/LFN9 and Model NLF9/LFNLF9

Backflow Preventers

LFNLF9C ✓

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

⚠ WARNING

You are required to thoroughly read all installation instructions and product safety information before beginning the installation of this product. **FAILURE TO COMPLY WITH PROPER INSTALLATION AND MAINTENANCE INSTRUCTIONS COULD RESULT IN PRODUCT FAILURE WHICH CAN CAUSE PROPERTY DAMAGE, PERSONAL INJURY AND/OR DEATH.** Watts is not responsible for damages resulting from improper installation and/or maintenance.

Local building or plumbing codes may require modifications to the information provided. You are required to consult the local building and plumbing codes prior to installation. If this information is not consistent with local building or plumbing codes, the local codes should be followed.

Need for Periodic Inspection/Maintenance: This product must be tested periodically in compliance with local codes, but at least once per year or more as service conditions warrant. Corrosive water conditions, and/or unauthorized adjustments or repair could render the product ineffective for the service intended. Regular checking and cleaning of the product's internal components helps assure maximum life and proper product function.

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/LFNLF9 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/LFN9. To maintain the valve discs in a clean operating condition, we strongly recommend a pipe line strainer be installed in the supply line before the Model N9/LFN9 or Model NLF9/LFNLF9.

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 furthermost 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 ⅜" (10mm) Model NLF9/LFNLF9 is recommended for laboratory faucets and is not suitable for continuous pressure applications. The Model N9/LFN9 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.

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.

IS-N9-NLF9

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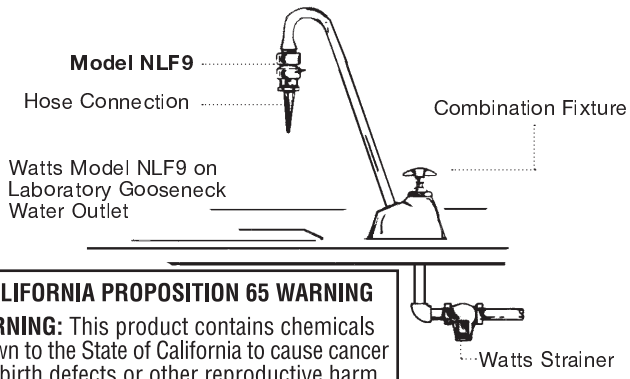
Repair Kits

Model N9/LFN9 and NLF9/LFNLF9 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	¼" - ⅜" (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.
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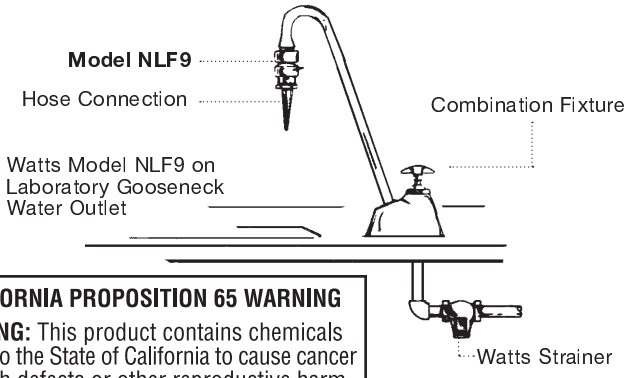
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The remedy described in the first paragraph of this warranty shall constitute the sole and exclusive remedy for breach of warranty, and the Company shall not be responsible for any incidental, special or consequential damages, including without limitation, 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.
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