

USA: 815 Chestnut St., No. Andover, MA 01845-6098; www.watts.com
Canada: 5435 North Service Rd., Burlington, ONT, L7L 5H7; www.wattscanada.ca



QUANT À LEUR DURÉE À UN AN À COMPTER DE LA DATE D'ÉDITION D'ORIGINE. **TOUTES LES GARANTIES TACITES NE POUVANT PAS ÊTRE RÉGÉES, Y COMPRIS LES GARANTIES TACITES DE QUALITÉ MARCHANDE ET D'ADAPTATION À UN BUT PARTICULIER, SONT LIMITÉES DANS LA MESURE PERMISE PAR LA LOI APPLICABLE DE L'ÉTAT.** Certains États n'autorisent pas les limitations de durée, d'utilisation ou l'exclusion de la limite-d'entendue incorrecte ou de modification du produit.

Le recours décrit dans le premier paragraphe de cette garantie constitue le seul recours à toute violation D'ADAPTATION À UN BUT PARTICULIER. **EXPRESSE OU TACITE, NOTAMMENT TOUTE GARANTIE TACITE DE QUALITÉ MARCHANDE OU TACITE, PAR LA PRÉSENTE, LA SOCIÉTÉ RÉPÈTE SPÉCIFIQUEMENT TOUTE AUTRE GARANTIE, LA SOCIÉTÉ POUR CE PRODUIT. LA SOCIÉTÉ N'OFFRE AUCUNE AUTRE GARANTIE, EXPRESSE OU LA PRÉSENTE GARANTIE EST EXPRESSE ET RÉPÈTE LA SEULE GARANTIE OFFERTE PAR LA SOCIÉTÉ.** Dans l'éventualité ou de tels vices se manifesteraient le produit sans frais.

Garantía limitada: Watts Regulator Co. (la «Sociedad») garantiza, por un periodo de un año a partir de la fecha de embalaje original, que sus productos están libres de defectos en materiales y mano de obra bajo condiciones de uso normal. En caso de que se encuentren tales defectos dentro del periodo de garantía, la Compañía reemplazará o reconducirá, a su elección, el producto sin costo alguno. **LA GARANTÍA AQUÍ ESTIPULADA SE OTORGA EN FORMA EXPRESA Y ES LA ÚNICA GARANTÍA OTORGADA POR LA COMPAÑÍA EN RELACIÓN CON EL PRODUCTO. LA COMPAÑÍA NO OTORGA NINGUNA OTRA GARANTÍA, YA SEA EXPRESA O IMPLÍCITA. LA COMPAÑÍA POR LA PRESENTE RENUNCIA ESPECÍFICAMENTE A TODAS LAS DEMÁS GARANTÍAS, EXPRESAS O IMPLÍCITAS, INCLUYENDO SIN LIMITACIÓN, LAS GARANTÍAS IMPLÍCITAS DE APTITUD PARA LA COMERCIALIZACIÓN E IDEONEIDAD PARA UN PROPÓSITO EN PARTICULAR.**

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su duración a un año a partir de la fecha del embarque original. **APTIUD PARA LA COMERCIALIZACIÓN E IDEONEIDAD PARA UN PROPÓSITO EN PARTICULAR, SE LIMITA EN CUANTUM A LA MEDIDA EN QUE SEA CONGUENTE CON LAS LETRAS ESTATALES APLICABLES, EN LA MEDIDA EN QUE SEA CONGUENTE CON LAS LETRAS ESTATALES APLICABLES, EN LA MEDIDA EN QUE SEA CONGUENTE CON LAS LETRAS ESTATALES APLICABLES, EN LA MEDIDA EN QUE SEA CONGUENTE CON LAS LETRAS ESTATALES APLICABLES.** Algunos Estados no permiten limitaciones en la duración de una garantía implícita y algunos Estados no permiten la exclusión o limitación de daños accidentales o indirectos. Por lo tanto, es posible que las limitaciones antes mencionadas no se apliquen en su caso. Esta garantía limitada es de carácter legal y específico; usted podrá tener también otros derechos que varían según el Estado. Usted debe consultar las leyes estatales aplicables para determinar sus derechos.

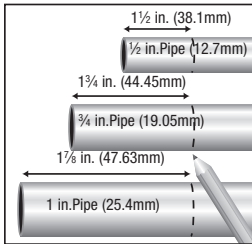
La solución descrita en el primer párrafo de esta garantía constituirá la única y exclusiva solución por cumplir con esta garantía. La Sociedad no será responsable de los daños accidentales, especiales o indirectos, incluyendo o no limitación, la pérdida de ganancias o el costo de reparación o reemplazo de otro equipo, gastos de mano de obra, materiales extraños, daños debidos a negligencia, negligencia o cualquier otro circunstancia sobre la cual la Compañía no tendrá control. Esta garantía no tendrá validez en cualquier caso de abuso, uso indebido, aplicación incorrecta, condiciones adversas del agua, químicos o cualquier otra circunstancia sobre la cual la Compañía no tendrá control. Esta garantía no tendrá validez en cualquier caso de abuso, uso indebido, aplicación incorrecta, condiciones adversas del agua, químicos o cualquier otra circunstancia sobre la cual la Compañía no tendrá control.

Para más información: www.watts.com/prop65
 (La ley del Estado de California requiere que se proporcione esta advertencia a los clientes de dicho estado.)
ADVERTENCIA: Este producto contiene químicos que el Estado de California considera que causan cáncer y defectos de nacimiento u otros daños durante la gestación.
LA PROPOSICIÓN 65 DE CALIFORNIA
ADVERTENCIA DE ACUERDO CON

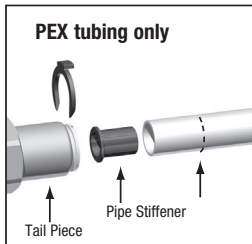
AVERTISSEMENT SUR LA PROPOSITION 65 DE LA CALIFORNIE
 Ce produit contient des produits chimiques reconnus par l'état de Californie comme étant cancérogènes et pouvant causer des malformations congénitales et d'autres dommages au système reproducteur. (La loi californienne exige que cet avertissement soit fourni à tous les clients de l'état de la Californie.)
 Pour obtenir plus d'informations: www.watts.com/prop65

Quick-Connect Installation

To Connect:



1. Mark pipe as shown. This is pipe insertion depth.
2. Clean pipe end.



3. If using PEX tubing, insert pipe stiffener (provided) into end of pipe.
4. Push tubing into tailpiece up to mark.
5. Insert collet clip.

To Disconnect:

1. Remove collet clip.
2. Depress collet.
3. Pull tubing from tailpiece.

Troubleshooting

High System Pressure

If the downstream system pressure is higher than the set pressure under no flow conditions, the cause could be thermal expansion, pressure creep or dirt/debris on the seat.

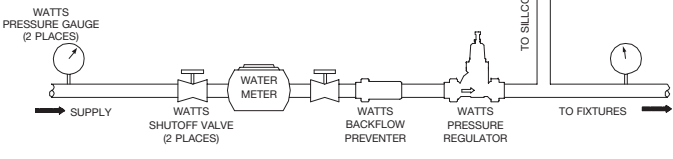
Thermal expansion occurs whenever water is heated in a closed system. The system is closed when supply pressure exceeds 150psi, or a check valve or backflow preventer is installed in the supply piping.

You must make provisions for pressure relief protection of your plumbing system and components. The use of a relief valve such as the Watts 530C, BRV, Governor 80, or 3L or potable water expansion tank such as the Watts DET, PLT or DETA may be required.

To determine if this is the result of thermal expansion, try briefly opening the cold water tap. If the increased pressure is caused by thermal expansion, the pressure will immediately be relieved and the system will return to the set pressure.

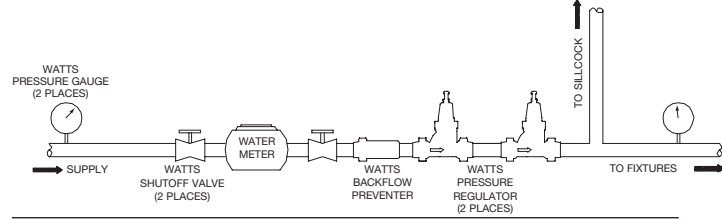
Watts offers a pressure test gauge, model 276H300 to assist you in determining if you have high water pressure. The 276H300 when attached to a hose bibb registers the highest pressure reading over the period of time it is left on the system.

Typical Installation



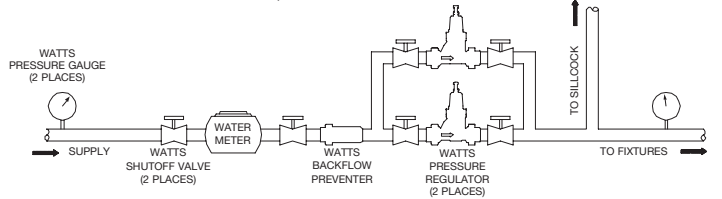
Series Installation

Series installations are recommended where very high supply pressure must be reduced to a very low downstream pressure. Reducing the pressure in stages eliminates whistling and noise.



Parallel Installation

Parallel installations are recommended where high flow or low flow demand is intermittent/occasional. They are also used for installations where service cannot be interrupted.



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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 BE DISCLAIMED BY THIS WARRANTY. THIS WARRANTY 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.

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.

Limitad 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.

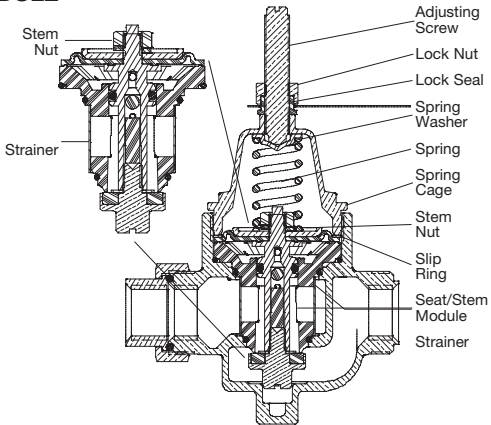
CALIFORNIA PROPOSITION 65 WARNING
 This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. (California law requires this warning to be given to customers in the State of California.)
For more information: www.watts.com/prop65

Bypass Feature

This regulator has a built-in thermal expansion bypass feature. This feature prevents downstream pressure from rising to more than 10psi above the supply pressure.

Note: The Bypass feature will not prevent the pressure relief valve from opening on the hot water supply system with pressures above 150psi (10.3 bar).

SEAT/STEM MODULE



Repair Kits

KIT NO.	SIZE	ORDERING CODE	KIT INCLUDES	
½ – 1 N55B-RK	½, ¾, 1	15, 20, 25	0006960	Seat/Stem Module

WARNING!

For valves with CPVC or PEX end connections do not exceed the tubing manufacturers pressure and temperature ratings. Refer to the tubing manufacturers product specifications for that information.

Installation Instructions

1. The valve should be installed by a licensed contractor in accordance with local codes and ordinances.
2. This valve should be installed where it is accessible with sufficient clearance for cleaning, service, or adjustment.
3. Before installing the valve, be sure that the pipe ends are reamed and threads are cut to size. For valves with Quick-Connect tailpieces refer to "Quick-Connect Installation" instructions below.
4. Flush the lines to remove all loose scale, dirt and other foreign matter that can damage or clog the valve.
5. Install the regulator with the arrow on the body pointing in the direction of the flow.
6. Regulator may be installed vertically or horizontally (upright or inverted).
7. Start Up — Open cold water supply then hot water supply. Inspect for leaks.

Note: The valve should be inspected annually to assure maximum life and performance.

Note: N55B-M1 or LFN55B-M1 Valves are suitable for accessible outdoor or pit installations.

Maintenance Instructions

- To clean strainer or replace seat/stem module shut off supply, loosen Locknut and Lock Seal and back off Adjusting Screw.
- Remove Spring Cage, Spring, Washer and Slip Ring. Grasp Stem Nut with fingers or pliers and lift module from body.
- Replace module and reassemble valve.
- Readjust pressure setting.

Adjustment

Regulator is factory preset to 50psi (344 kPa). To adjust pressure setting, loosen the lock nut and turn the adjusting bolt clockwise to increase pressure, counter clockwise to decrease pressure.

CAUTION: Any time a reducing valve is adjusted, the use of a pressure gauge is recommended to verify correct pressure setting. Do not bottom out adjusting screw on spring cage.

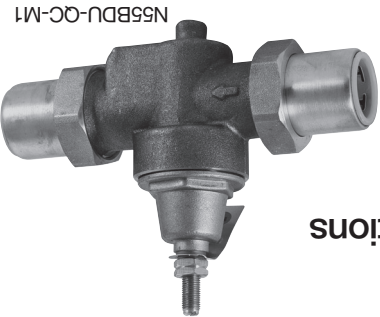
ENGLISH INSTRUCTIONS

Installation Instructions

Instrucciones de instalación

Instructions

d'installation



½" - 1" (15-25mm)

Régulateur de pression d'eau

Valvula reductora de la presión del agua

Water Pressure Reducing Valve

Series N55B-M1 and LFN55B-M1

IS-N55B-M1

N55BDU-QC-M1

N55BU-M1