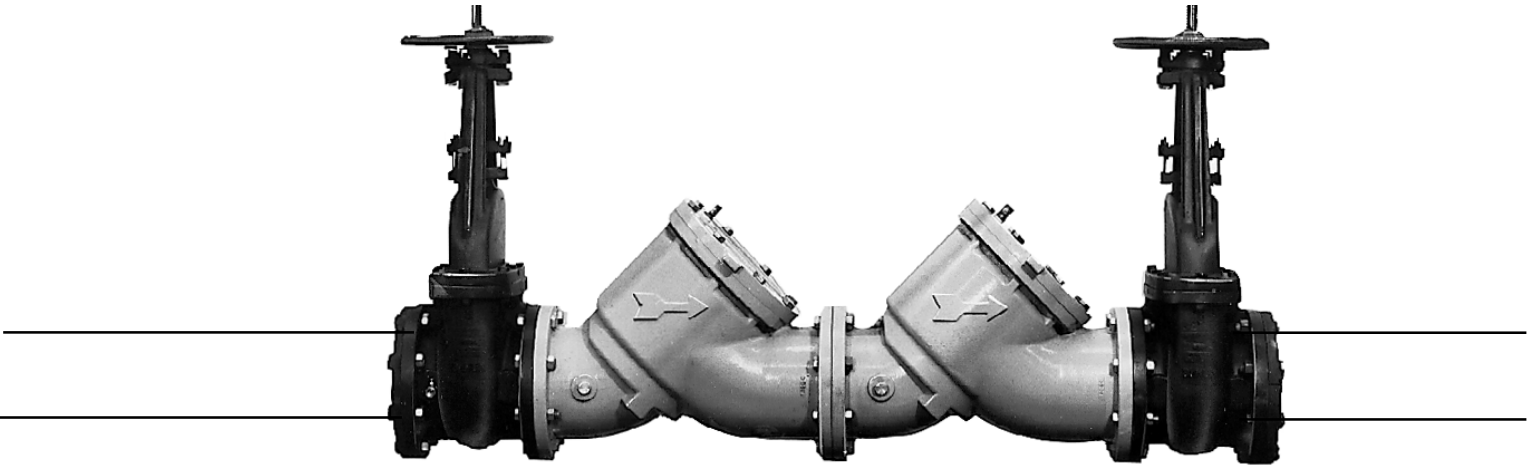
Series 709/709DCDA

Double Check Valve Assemblies
Double Check Detector Assemblies
Sizes: ¾" to 10"

• Installation • Service
• Repair Kits • Maintenance

For field testing procedure, send for IS-TK-DP/DL, IS-TK-9A, IS-TK-99E AND IS-TK-99D.
For other repair kits and service parts, send for PL-RP-BPD.
For technical assistance, contact your local Watts representative on back page.



Watts 8" 709OS&Y shown

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. (Installer: California law requires that this warning be given to the consumer.)

For more information: www.wattsind.com/prop65

IMPORTANT: Inquire with governing authorities for local installation requirements.

NOTE: For *Australia* and *New Zealand*, line strainers should be installed between the upstream shutoff valve and the inlet of the backflow preventer.

It's important that this device be tested periodically in compliance with local codes, but at least once per year or more as service conditions warrant. If installed on a fire sprinkler system, all mechanical checks, such as alarm checks and backflow preventers, should be flow tested and inspected internally in accordance with NFPA 13 and NFPA 25.

LIMITED WARRANTY: Watts Regulator Company warrants each product against defects in material and workmanship 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. This shall constitute the exclusive remedy for breach of warranty, and the Company shall not be responsible for any incidental or consequential damages, including without limitation, damages or other costs resulting from labor charges, delays, vandalism, negligence, fouling caused by foreign material, damage from adverse water conditions, chemicals, or any other circumstances over which the Company has no control. This warranty shall be invalidated by any abuse, misuse, misapplication or improper installation of the product. THE COMPANY MAKES NO OTHER WARRANTIES EXPRESS OR IMPLIED EXCEPT AS PROVIDED IN THIS LIMITED WARRANTY.

A LEADER IN VALVE TECHNOLOGY
WATTS® REGULATOR
Since 1874 — Watts Industries, Inc.

Basic Installation Instructions

Watts Series 709 Double Check Valve may be installed in either a vertical or horizontal position.

Install valve in the line with arrow on valve body pointing in the direction of flow.

They should always be installed in an accessible location to facilitate testing and servicing.

Pipe lines should be thoroughly flushed to remove foreign material before installing the unit. A strainer should be installed as shown, ahead of backflow preventers to prevent discs from unnecessary fouling.

CAUTION: Do not install with strainer when backflow preventer is used on seldom-used water lines which are called upon during emergencies, such as fire sprinkler lines, etc.

It is important that Series 709 be tested periodically in compliance with local codes, but at least once a year or more often, depending upon system conditions. (Send for IS-TK-7).

Indoor Installations

For indoor installations, it is important that the valve be easily accessible to facilitate testing and servicing.

Outdoor Installations

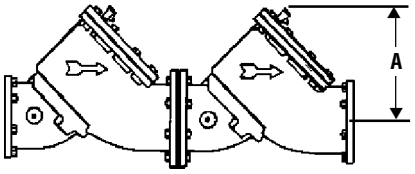
In area where freezing conditions do not occur, Series 709 can be installed outside of a building. The most satisfactory installation is above ground and should be installed in this manner whenever possible.

It is generally recommended that backflow preventers never be placed in pits unless absolutely necessary and then only when approved by local codes. In such cases, a modified pit installation is preferred or an insulated above ground insulated enclosure.

Now Available,

WattsBox Insulated Enclosures.

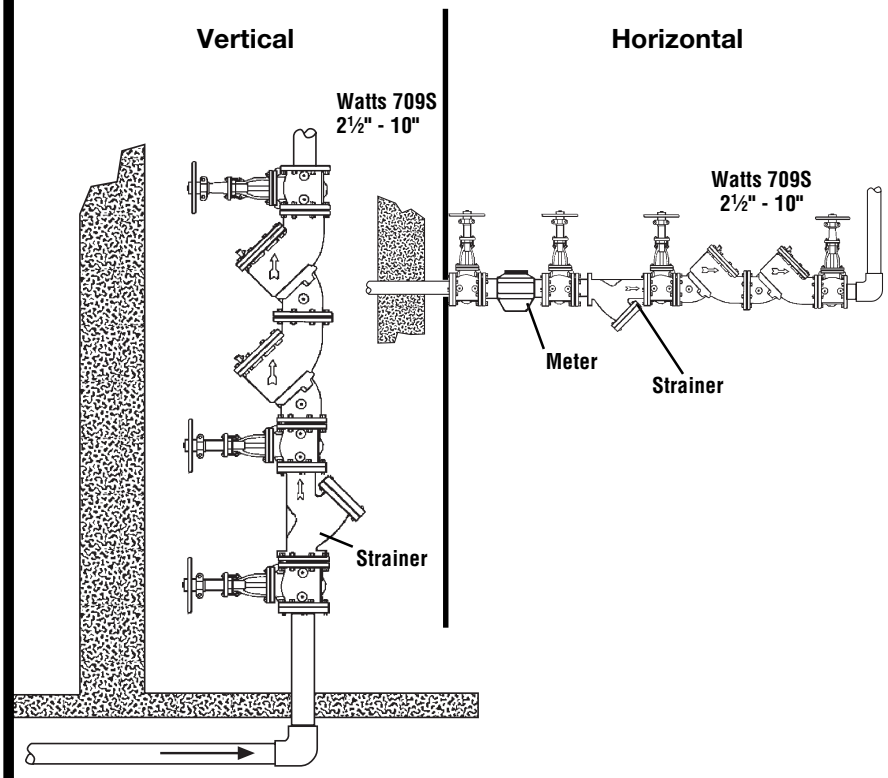
For more information, send for ES-WB or ES-WB-T.



Clearance Required for Servicing

	A
2½" - 3"	10"
4	15"
6	15"
8	23"
10	25"

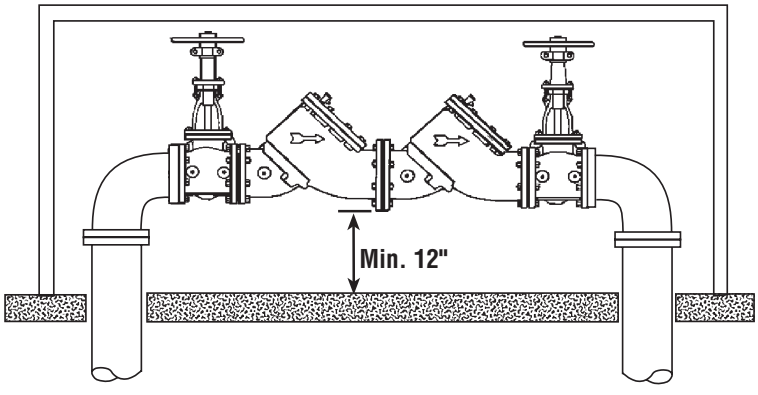
Indoor Installations



For indoor installations, it is important that the valve be easily accessbile to facilitate testing and servicing.

Outdoor Installations

Above Ground in Insulated Enclosure

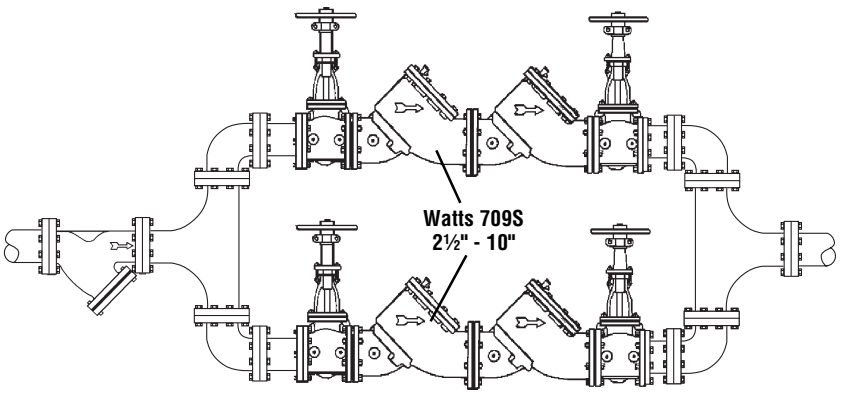


Basic Installation Instructions cont'd

Parallel Installations

Two or more Series 709 devices may be piped in parallel (where approved) to serve a large supply pipe main. This type of installation is employed whenever it is vital to maintain a continuous supply of water where interruptions for testing and servicing would be unacceptable. It also has the advantage of providing increased capacity where needed beyond that provided by a single valve.

For two valve installations the total capacity of the devices should equal or exceed that required by the system. Capacity table shows the size of the No. 709 devices required to meet a certain capacity. The quantity of devices used in parallel should be determined by the engineer's judgement based on the operating conditions of a specific installation.



Capacity Required for System

450 GPM	640GPM	1000GPM	2000GPM	3000GPM	5000GPM
Two 2½" Devices	Two 3" Devices	Two 4" Devices	Two 6" Devices	Two 8" Devices	Two 10" Devices

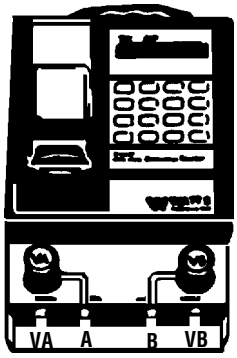
Table shows total capacity provided with dual valve installations of various sizes.

Test Procedure for Double Check Valve Assemblies using Watts TK-DP and TK-DL Test Kit

The following Test Procedure is one of several that is recognized throughout the United States for verification of the functioning of Backflow preventers.

The following procedure is not a specific recommendation. The Watts series of test kits are capable of performing any of the recognized Backflow test procedures.

TK-DP Test Kit



A. Flush all test cocks

B. Turn tester on (before connecting hoses). Tester must read all zeroes. Close VA and VB.

Test No. 1 - Test No. 1 Chec k Valve

1. Install high side hose between testcock No. 2 and tester connection A.
2. Install low side hose between testcock No. 3 and tester connection B.
3. Open testcock No. 2 then VA, bleed hose then close VA.
4. Open testcock No. 3 then VB, bleed hose then close VB.
5. Install a bypass hose between VB and testcock No. 1. Open testcock No. 1 and bleed by loosening hose connection at VB. Tighten hose connection, fully open VB.
   Push - Print Head (wait) then Push - Start Test
6. Close shutoff valve No. 2 then No. 1.
7. Slowly open VA and lower high side pressure about -2 psid below the low side pressure (differential read ing about -2.0 psid). Close VA. If reading is maintained, record as "tight". If reading returns to 0 and the pressure A increases to pressure B, the check is recorded as leaking. If the reading returns to +psid, No. 2 shutoff valve is leaking excessively and must be replaced to test the valve.
8. Close all test cocks, remove hoses from testcock No. 2 and testcock No. 3 and testcock No. 1. Reopen shutoff valve No. 1. Proceed to Test No. 2.
   Push - Stop Test.

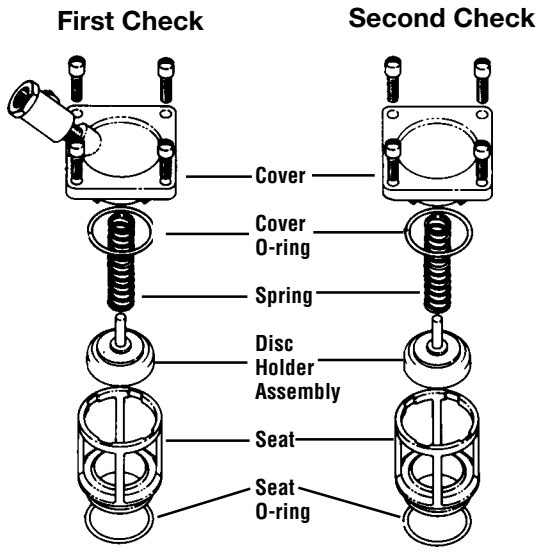
Test No. 2 - Test No. 2 Chec k Valve

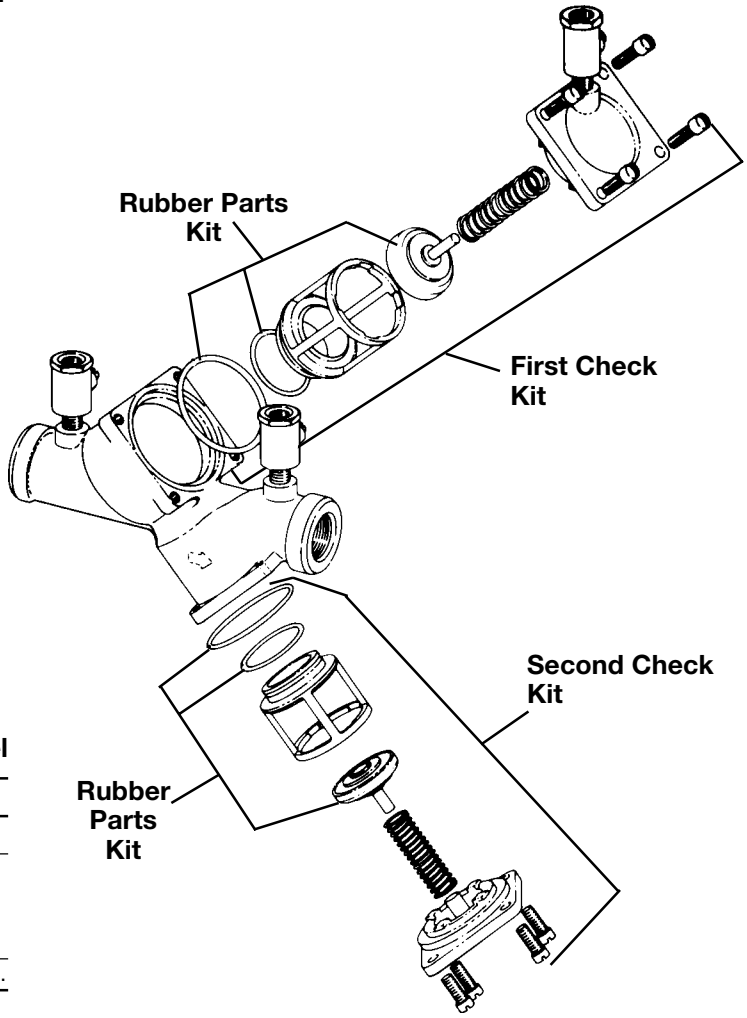
1. Install high side hose between testcock No. 3 and tester connection A.
2. Install low side hose between testcock No. 4 and tester connection B.
3. Open testcock No. 3 then VA, bleed hose then close VA.
4. Open testcock No. 4 then VB, bleed hose then close VB.
5. Install a bypass hose between VB and testcock No. 1. Open testcock No. 1 and bleed by loosening hose connection at VB. Tighten hose connection, fully open VB.
   Push - Start Test
6. Close shutoff valve No. 1.
7. Slowly open VA and lower high side pressure about -2 psid below the low side pressure (differential read ing about -2.0 psid). Close VA. If reading is maintained, record as "tight". If reading returns to 0 and the pressure A increases to pressure B, the check is recorded as leaking. If the reading returns to +psid, No. 2 shutoff valve is leaking excessively, and must be replaced to test the valve.
   Push - Stop Test.

1. After removing the cover screw, the check comes out with the cover.
2. Holding the check Valve module in both hands, rotate the assembly ¼ turn. This will disengage the disc and spring assembly into individual components. The disc assembly may be cleaned or replaced. O-rings should be cleaned or replaced as necessary and lightly greased with the FDA approved silicon grease. Re-assemble the check valve module in the reverse order.

   NOTE: The springs of the first and second check valves are interchangeable.

   (Before servicing, be certain water is turned off or shutoff valves are closed)





709 ¾" - 2"

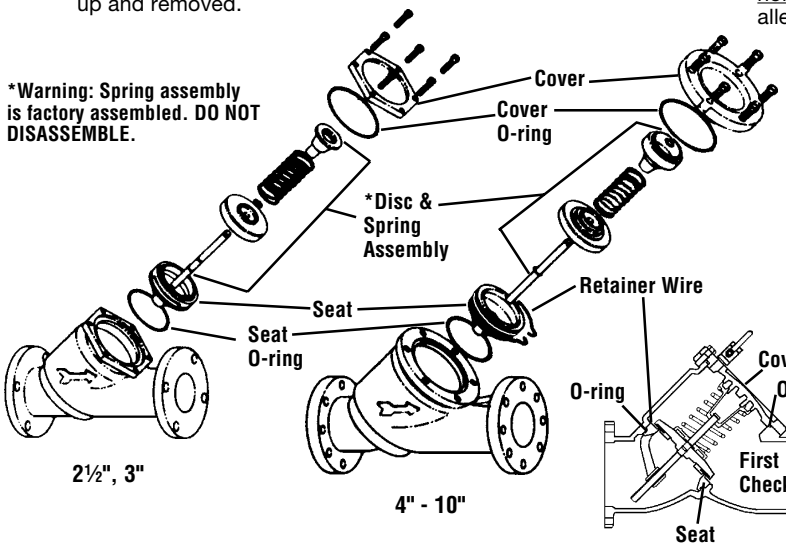
***Stainless Steel**

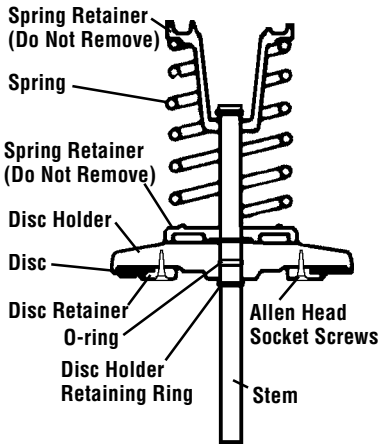
EDP No.	Kit No.	Size
First or Second Check Kits		
887150	RK 709 CK4	¾" - 1"
887151	RK 709 CK4	1½" - 2"
887154	RK 709 CK4SS*	¾" - 1"
887155	RK 709 CK4SS*	1½" - 2"
Kit includes: Disc assembly, Spring, Seat, Seat o-ring and Cover O-ring.		
Complete Rubber Parts		
887152	RK 709 RT	¾" - 1"
887153	RK 709 RT	1½" - 2"
Kit includes: Diaphragm, Disc assembly, Seat o-ring and Cover o-ring.		
Seat Kits		
887160	RK 709 S4	¾" - 1"
887161	RK 709 S4	1½" - 2"
887162	RK 709 S4SS*	¾" - 1"
887163	RK 709 S4SS*	1½" - 2"
Cover Kits		
887156	RK 709 C1	¾" - 1"
887157	RK 709 C1	1½" - 2"
887158	RK 709 C2	¾" - 1"
887159	RK 709 C2	1½" - 2"
Kit includes: Cover and Cover o-ring.		

Service, Replacement Parts and Maintenance 2½" - 10"

1. Remove hatch cover bolts. **NOTE:** The 709 is designed so that, when the bolts are backed off ½", all the spring load is released from the cover and retained by the check module. **CAUTION: Be sure to verify this before removing all the bolts.**
2. Lift check valve module straight out, taking care not to hit and damage seat ring.
3. The seat ring may be removed and replaced by pulling out the two wire retainers. The wire retainers are 10" long. One is drawn out clockwise and the other is drawn out counterclockwise.
4. With the retainer wires removed, the seat ring can be lifted straight up and removed.

CAUTION: The check valve disc and spring assembly are in compression. The spring load is captured by the two spring retainers and the stem The spring retainers are **not** to be removed for servicing. If there is a need to replace the spring, spring retainer or stem, replace the disc and spring assembly. If the disc holder has been damaged by freezing or severe water hammer, it can be replaced in the field. Remove the disc holder retaining ring and slide the disc holder off the stem. Remover the o-ring from the stem and replace with a new one. Apply grease to the o-ring and slide the new disc holder into place. Re-install the retaining ring. **NOTE:** The disc holder should not be removed when servicing only the disc, remove allen head screws holding the disc retaining plate and replace disc.





709 2½" - 10"

EDP No.	Kit No.	Size
First or Second Check Kits		
887900	RK 709 CK4	2½" - 3"
887901	RK 709 CK4	4"
887902	RK 709 CK4	6"
887903	RK 709 CK4	8"
887904	RK 709 CK4	10"
Kit includes: Disc & spring assembly and Cover o-ring.		
Rubber Parts (for one check)		
887905	RK 709 RC4	2½" - 3"
887906	RK 709 RC4	4"
887907	RK 709 RC4	6"
887908	RK 709 RC4	8"
887909	RK 709 RC4	10"
Kit includes: Disc and Cover o-ring.		
Complete Rubber Parts		
887915	RK 709 RT	2½" - 3"
887916	RK 709 RT	4"
887917	RK 709 RT	6"
887918	RK 709 RT	8"
887919	RK 709 RT	10"
Kit includes: Two discs and Two cover o-rings.		
Seat Kits		
887910	RK 709S	2½" - 3"
887911	RK 709S	4"
887912	RK 709S	6"
887913	RK 709S	8"
887914	RK 709S	10"
Kit includes: Seat, Seat o-ring, Retainer Wire and Cover o-ring.		
Cover Kits		
887920	RK 709 C	2½" - 3"
887921	RK 709 C	4"
887922	RK 709 C	6"
887923	RK 709 C	8"
887924	RK 709 C	10"
Kit includes: Cover and Cover o-ring.		

709DCDA 3" - 10"

EDP No.	Kit. No.	Size
First Check Kits		
887930	RK 709DCDA CK1	3"
887931	RK 709DCDA CK1	4"
887932	RK 709DCDA CK1	6"
887933	RK 709DCDA CK1	8"
887934	RK 709DCDA CK1	10"
Second Check Kits		
887935	RK 709DCDA CK2	3"
887936	RK 709DCDA CK2	4"
887937	RK 709DCDA CK2	6"
887938	RK 709DCDA CK2	8"
887939	RK 709DCDA CK2	10"
Kit includes: Disc assembly, Spring assembly and Cover o-ring.		
Rubber Parts (for one check)		
887940	RK 709DCDA RC4	3"
887941	RK 709DCDA RC4	4"
887942	RK 709DCDA RC4	6"
887943	RK 709DCDA RC4	8"
887944	RK 709DCDA RC4	10"
Kit includes: Disc and Cover o-ring.		
Seat Kits		
887945	RK 709DCDA S	3"
887946	RK 709DCDA S	4"
887947	RK 709DCDA S	6"
887948	RK 709DCDA S	8"
887949	RK 709DCDA S	10"
Kit includes: Seat, Retainer Wire and cover o-ring.		
Cover Kits		
887950	RK 709DCDA C	3"
887951	RK 709DCDA C	4"
887952	RK 709DCDA C	6"
887953	RK 709DCDA C	8"
887954	RK 709DCDA C	10"
Kit includes: Cover and Cover o-ring.		

Four Basic Types of Backflow Preventers

	Type & Purpose	Description	Installed At	Examples of Installations
1	REDUCED PRESSURE ZONE BACKFLOW PREVENTER For High Hazard Cross-connections and continuous pressure application.	Two independent check valves with intermediate relief valve. Supplied with shutoff valves and ball type test cocks	All cross-connections subject to backpressure or back siphonage where there is a high potential health contamination. Continuous pressure.	Main supply lines Commercial boilers Hospital equipment Laboratory equipment Waste digesters Car washes
	REDUCED PRESSURE DETECTOR ASSEMBLY High Hazard	RPZ valve backflow preventers with a water meter and RPZ in bypass line.	Fire protection system supply main. Detects leaks and unauthorized use of water.	Fire Sprinkler Lines
2	DOUBLE CHECK VALVE ASSEMBLY For Low Hazard Cross-connections and continuous pressure applications.	Two independent check valves. Checks are replaceable for repair & testing.	All cross-connections subject to backpressure or back siphonage where there is a low potential health contamination. Continuous pressure.	Main supply lines Food cookers Tanks & Vats Lawn Sprinklers Fire Sprinkler Lines Commercial Pools
	DOUBLE CHECK DETECTOR ASSEMBLY Low Hazard	Double check valve backflow preventers with a water meter and double check in by pass line.	Fire protection system supply main. Detects leaks an unautho-rized use of water.	Fire Sprinkler Lines
	DUAL CHECK VALVE BACKFLOW PREVENTER For low hazard cross-connections. Continuous pressure applications.	Two independent check valves. Checks are replaceable for repair & testing.	Cross-connections where there is a low potential health hazard and moderate flow requirements	Residential Supply Lines (at the meter) Residential fire sprinkler systems
3	SPECIALTY BACKFLOW PREVENTERS with INTERMEDIATE ATMOSPHERIC VENT For low hazard cross-connections in small pipe sizes. Continuous pressure applications	Two independent check valves with intermediate vacuum breaker and relief vent.	Cross-connections subject to backpressure or backsiphonage where there is low health hazard. Continuous pressure.	Boilers (small) Cooling towers (small) Dairy equipment
			Pressure outlet to prevent backflow of carbon dioxide gas and carbonated water into the water supply system to beverage machines	Post-Mix Carbonated Beverage Machine
	LABORATORY FAUCET DUAL CHECK VALVE with INTERMEDIATE VACUUM BREAKER In small pipe sizes for low hazard	Two independent check valves with intermediate vacuum breaker and relief vent.	Cross-connections subject to backpressure or backsiphonage where there is low health hazard.	Laboratory Faucets and Pipe Lines Barber shop and Beauty Parlor sinks
4	ATMOSPHERIC VACUUM BREAKERS For high hazard cross-connections not subject to continuous pressure - 6" above flood rim.	Single float and disc with large atmospheric port	Cross-connection not subject to backpressure or continuous pressure. Install at least 6" above fixture rim. Protection against backsiphonage only.	Process Tanks Dishwashers Soap Dispensers Washing Machines Lawn Sprinklers
	PRESSURE VACUUM BREAKERS For high hazard cross-connections. Continuous pressure applications -12" above flood rim.	Spring loaded single float and disc with independent 1st check. Supplied with shutoff valves and ball type test cocks.	Valve is designed for installation in a continuous pressure potable water supply system 12" above the overflow level of the system being supplied. Protection against backsiphonage only.	Laboratory equipment Cooling towers Commercial Laundry Machines Swimming Pools Chemical Planting tanks Lawn Sprinklers
	ANTI-SIPHON, ANTI-SPILL VACUUM BREAKER 1" above flood rim Factory installed 6" above flood rim Field installed	Anti-spill vacuum breaker with modular check & float assembly of thermo plastic Housing bronze body	Indoor point of use	Chemical Dispenser Commercial Dishwasher Sterilizers
	HOSE CONNECTION VACUUM BREAKERS For residential and industrial hose supply outlets not subject to continuous pressure	Single check with atmospheric vacuum breakers vent.	Install directly on hose bibbs, service sinks and wall hydrants. Not for continuous pressure.	Hose bibbs Service sinks Hydrants

For additional cross-connection control information, send for F-50 brochure.

TROUBLE SHOOTING GUIDE

Symptom	Cause	Solution
1. Check valve fails to hold 1.0 PSID minimum	a. Debris on check disc sealing surface	Disassemble and clean
	b. Leaking gate valve	Disassemble and clean or repair
	c. Damaged seat disc or seat o-ring	Disassemble and replace
	d. Damaged guide holding check open	Disassemble clean or replace
	e. Weak or broken spring	Disassemble and replace spring
2. Chatter during flow conditions	a. Worn, damaged or defective guide	Disassemble and repair or replace guide
3. Low flows passing through mainline valve (709DCDA only)	a. Mainline check fouled	Disassemble and clean
	b. Meter strainer plugged	Disassemble and clean
	c. Damaged mainline seat disc or seat	Disassemble and replace
	d. Broken mainline spring	Disassemble and replace

For Technical Assistance Call Your Authorized Watts Agent.

			Telephone #	Fax #
	Headquarters: Watts Regulator Company	815 Chestnut St., North Andover, MA 01845-6098 U.S.A.	978 688-1811	978 794-1848
North East	Vernon Bitzer Associates, Inc.	980 Thomas Drive, Warminster, PA 18974	215 443-7500	215 443-7573
	Edwards, Platt & Deely, Inc.	271 Royal Ave., Hawthorne, NJ 07506	973 427-2898	973 427-4246
	Edwards, Platt & Deely, Inc.	368 Wyandanch Ave., North Babylon, NY 11703	631 253-0600	631 253-0303
	J. B. O'Connor Company, Inc.	P.O. Box 12927, Pittsburgh, PA 15241	724 745-5300	724 745-7420
	The Joyce Agency, Inc.	8442 Alban Rd., Springfield, VA 22150	703 866-3111	703 866-2332
	W. P. Haney Co., Inc.	51 Norfolk Ave., South Easton, MA 02375	508 238-2030	508 238-8353
	WMS Sales, Inc. (Main office)	9580 County Rd., Clarence Center, NY 14032	716 741-9575	716 741-4810
South East	Billingsley & Associates, Inc.	5609-D Salmen St., Harahan, LA 70123	504 733-7624	504 733-6904
	Billingsley & Associates, Inc.	478 Cheyenne Lane, Madison, MS 39110	601 856-7565	601 856-8390
	Francisco J. Ortiz & Co., Inc.	Charlyn Industrial Pk., Road 190 KM1.9 - Lot #8, Carolina, Puerto Rico 00983	787 769-0085	787 750-5120
	Mid-America Marketing, Inc.	2776 B.M. Montgomery St., Birmingham, AL 35209	205 879-3469	205 870-5027
	Mid-America Marketing, Inc.	1364 Foster Avenue, Nashville, TN 37210	615 259-9944	615 259-5111
	Mid-America Marketing, Inc.	5466 Old Hwy. 78, Memphis, TN 38118	901 795-0045	901 795-0394
	RMI	Glenfield Bus. Ctr., 2535 Mechanicsville Tpk., Richmond, VA 23223	804 643-7355	804 643-7380
	Smith & Stevenson Co., Inc.	4935 Chastain Ave., Charlotte, NC 28217	704 525-3388	704 525-6749
	Spotswood Associates, Inc.	6235 Atlantic Blvd., Norcross, GA 30071	770 447-1227	770 263-6899
	Target Marketing Enterprises, Inc.	118 West Grant St., Building M, Orlando, FL 32806	407 245-7838	407 245-7833
South Central	Hugh M. Cunningham, Inc.	13755 Benchmark, Dallas, TX 75234	972 888-3800	972 888-3838
	Mack McClain & Associates	11132 South Towne Square, Suite 202, St. Louis, MO 63123	314 894-8188	314 894-8388
	Mack McClain & Associates, Inc.	1537 Ohio St., Des Moines, IA 50314	515 288-0184	515 288-5049
	Mack McClain & Associates, Inc.	15090 West 116th St., Olathe, KS 66062	913 339-6677	913 339-9518
	Phoenix Marketing, Ltd.	2416 Candelaria N.E., Albuquerque, NM 87107	505 883-7100	505 883-7101
	Pro-Spec, Inc.	P.O. Box 472226, Tulsa, OK 74147-2226	918 461-0066	918 461-0105
North Central	Associated Independent Marketing	1606 Commerce Dr., Sun Prairie, WI 53590	608 837-5005	608 837-2368
	Dave Watson Associates	1325 West Beecher, Adrian, MI 49221	517 263-8988	517 263-2328
	Disney-McLane-Woodcock, Inc.	428 McGregor Ave., Cincinnati, OH 45206	800 542-1682	877 476-1682
	Disney-McLane-Woodcock, Inc.	17610 S. Waterloo Rd., Cleveland, OH 44119	216 486-1010	216 486-2860
	Mid-Continent Marketing Services Ltd.	1724 Armitage Ct., Addison, IL 60101	630 953-1211	630 953-1067
South West	Delco Sales, Inc.	2267 Yates Ave., Los Angeles, CA 90040	323 890-9250	323 724-5227
	P I R Sales, Inc.	3050 North San Marcos Place, Chandler, AZ 85225	480 892-6000	480 892-6096
	R. C. Hartnett & Associates	30852 Huntwood Ave., Hayward, CA 94544	510 471-7200	510 471-4441
North West	Delco Sales, Inc.	111 Sand Island Access Rd., Unit I-10, Honolulu, HI 96819	808 842-7900	808 842-9265
	Fanning & Associates, Inc.	6765 Franklin St., Denver, CO 80229-7111	303 289-4191	303 286-9069
	Hollabaugh Brothers & Associates	1260 6th Ave. South, Seattle, WA 98134-1308	206 467-0346	206 467-8368
	Hollabaugh Brothers & Associates	3028 S.E. 17th Ave., Portland, OR 97202	503 238-0313	503 235-2824
	R. E. Fitzpatrick Sales, Inc.	4109 West Nike Dr. (8250 South), West Jordan, UT 84088	801 282-0700	801 282-0600
	Soderholm & Associates, Inc.	7150 143rd Ave. N.W., Anoka, MN 55303	763 427-9635	763 427-5665
CANADA	Watts Industries (Canada) Inc. (Watts Regulator Co. Division)	5435 North Service Road, Burlington, Ontario L7L 5H7	905 332-4090	905 332-7068
	GTA Sales Team.	Greater Toronto Area	888 208-8927	888 479-2887
	Hydro-Mechanical Sales, Ltd.	3700 Joseph Howe Dr., Ste. 1 Halifax, Nova Scotia B3L 4H7	902 443-2274	902 443-2275
	Hydro-Mechanical Sales, Ltd.	297 Collishaw St., Ste. 7 (shipping) Moncton, New Brunswick E1C 9R2	506 859-1107	506 859-2424
	Hydro-Mechanical Sales, Ltd.	85 Tolt Rd., St. Phillips, Newfoundland A1B 3M7	709 895-0090	709 895-0091
	Le Groupe B.G.T., Inc.	2800 Rue Dalton Ste. 3, Ste-Foy, Quebec G1P 3S4	418 657-2800	418 657-2700
	Le Groupe B.G.T., Inc.	140 Rue Merizzi, Ville St. Laurent, Quebec H4T 1S4	514 341-9010	514 341-4464
	Walmar Mechanical Sales	24 Gurdwara Rd., Nepean, Ontario K2E 8B5	613 225-9774	613 225-0673
	Mar-Win Agencies, Ltd.	1123 Empress St., Winnipeg, Manitoba R3E 3H1	204 775-8194	204 786-8016
	Palser Enterprises, Ltd.	1885 Blue Heron Dr., #4, London, Ontario N6H 5L9	519 471-9382	519 471-1049
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	RAM Mechanical Marketing	2615-B Wentz Avenue, Saskatoon, Saskatchewan S7K 5J1	306 244-6622	306 244-0807
	Con-Cur West Marketing, Inc.	#109-42 Fawcett Rd., Coquitlam, British Columbia V3K 6X9	604 540-5088	604 540-5084
	D.C. Sales, Ltd.	10-6130 4th St. S.E., Calgary, Alberta T2H 2A6	403 253-6808	403 259-8331
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