

Drawn By: vlh



EXTENDABLE BACKWATER VALVE MAINTENANCE GUIDE



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PROTECTION FROM SEWAGE BACKUPS

Congratulations ! Your property is now protected from sewage backups by a Clean Check® extendable backwater valve. With appropriate maintenance, this valve will protect your property from sewer backups due to system overloads, blockages and flooding.

Clean Check® parts:



Flapper Assembly



Valve Body



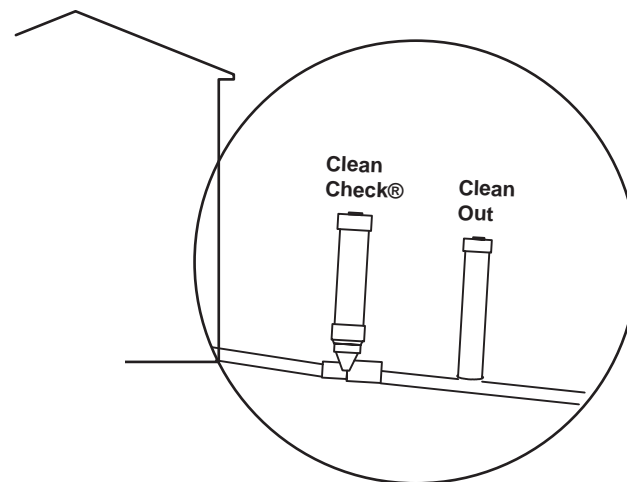
Upper Collar

It is your responsibility to have this valve checked periodically to insure that it is operating properly. Under normal installation and use, a three month inspection interval is recommended. It is also recommended that a licensed plumber perform these inspections.

MAINTENANCE PROCEDURE

The following steps will guide your plumber through a proper inspection:

Locate the backwater valve. It has been placed outside your building, between the sewer lateral cleanout and the building.



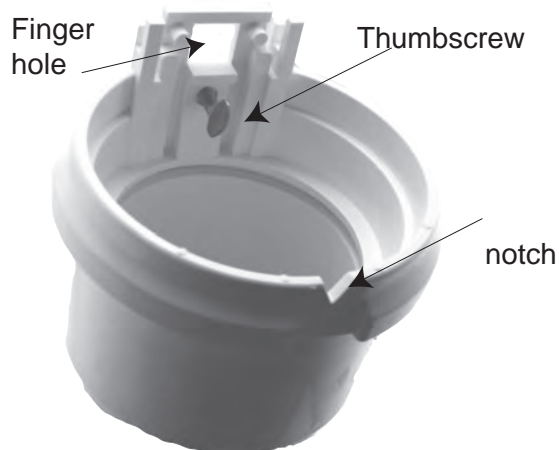
1. Remove the threaded cover plug by unscrewing it.
2. Loosen, but do not remove, the stainless steel thumbscrew located inside the upper collar.



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- Note the locations of the thumbscrew and opposing notch. There should be two notches: one on the outer riser pipe and one on the upper collar. This will be necessary for correct repositioning of the inner riser pipe during re-installation.



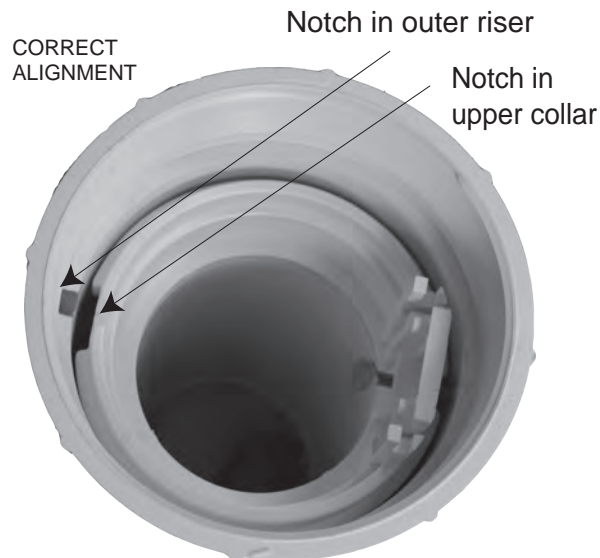
- Using the finger hole provided above the thumbscrew, extract the inner riser pipe and the attached flapper assembly.

- Clean any debris from the flapper and/or valve body.

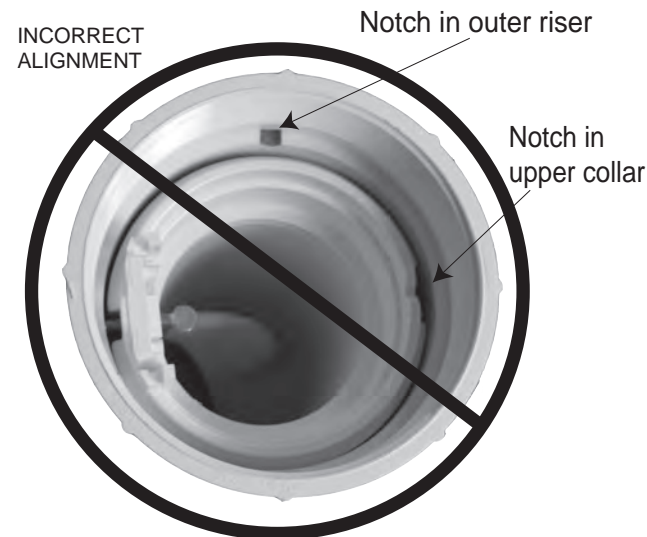


- Inspect the flapper for any deterioration or damage caused by the harsh environment in which it operates. If deterioration is present, replace the flapper (they are available from your local plumbing contractor or wholesale supply house.) If none are readily available, contact RectorSeal Customer Service at 800-231-3345 for a local source.

- The Clean Check® Extendable Backwater Valve is designed for easy re-installation. To properly re-seat the valve, slowly lower the inner assembly back into the outer riser pipe and rotate it until you feel the unit drop into place. At this point, the notch in the upper collar should be lined up with the notch in the outer riser pipe.



- After seating the inner riser properly, hand tighten the thumbscrew until it re-seats against the inside wall of the larger riser pipe. Be certain the thumbscrew is NOT resting on the top of the larger outer riser pipe. The flat side of the flapper should be resting, in the closed position, on the building side of the valve body.

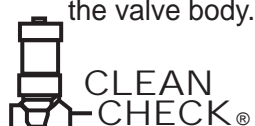


- Replace the threaded cover plug.

NOTE: Harmful bacteria are present in sewer lines. We recommend that you contact your local health district for proper sanitary precautions.

Parts List:

96941	ABS flapper assembly ONLY (3" or 4" does not include flapper)
96943	3" ABS body ONLY
96944	4" ABS body ONLY
96942	ABS top collar ONLY (3" or 4")
96961	PVC flapper assembly ONLY (3" or 4" does not include flapper)
96967	PVC flapper assembly ONLY (6" does not include flapper)
96963	3" PVC body ONLY
96964	4" PVC body ONLY
96969	6" PVC body ONLY
96962	PVC collar ONLY (3" or 4")
96968	PVC collar ONLY (6")
96981	Flapper ONLY (3" or 4") fits both 3" & 4" valves
96982	Flapper ONLY (6")
96985	1/4" x 1-1/2" stainless steel thumbscrew
96986	1/4" x 1-1/4" stainless steel thumbscrew
96993	6" PVC schedule 40x SDR-35 bushing
96994	8" PVC schedule 40x SDR-35 bushing



RectorSeal
2601 Spenwick Dr
Houston, TX 77055
800-231-3345
www.rectorseal.com



EXTENDABLE BACKWATER VALVE HOMEOWNER'S MAINTENANCE GUIDE

Dear Homeowner,

Congratulations ! Your property is now protected from sewage backups by a Clean Check® extendable backwater valve.

Under normal installation and use, a three month inspection interval is recommended. After an appropriate number of inspections, you can establish a more accurate time period, depending on usage.

Inspection is quick and easy. First, remove the threaded plug or cover and perform the following procedure:

1. Loosen, but do not remove, the stainless steel thumbscrew located inside the upper collar.
2. Note the approximate locations of the thumbscrew and opposing notch. This will be helpful for correct repositioning of the insert pipe during re-installation.
3. Using the finger hole provided above the thumbscrew, extract the insert pipe and attached flapper assembly.
4. Clean the debris from the flapper and/or valve body.
5. Inspect the flapper for any deterioration or damage caused by the harsh environment in which it operates. If deterioration is present, replace the flapper (they are available from your local plumbing contractor or wholesale supply firm.) If none are readily available, contact RectorSeal Customer Service at 800-231-3345 for a local source.
6. The Clean Check® Extendable Backwater Valve is designed for easy re-installation. To properly re-seat the valve, slowly lower the inner assembly and rotate it until the thumbscrew (loosened so it doesn't touch the side of the riser pipe) faces its original installed position in the larger riser pipe. If necessary, rotate the inner riser so the thumbscrew is located as it was originally. During rotation, the unit can be felt to "drop" into place when it seats correctly.
7. Hand tighten the thumbscrew until it re-seats against the inside wall of the larger riser pipe. Be certain the thumbscrew is NOT resting on the top of the larger riser pipe. The flat side of the flapper should be resting, in the closed position, on the house side of the valve body.
8. Replace the threaded plug or cover.

NOTE: Harmful bacteria are present in sewer lines. We recommend that you contact your local health district for proper sanitary precautions.

3" & 4" EXTENDABLE BACKWATER VALVE
INSTALLATION RECOMMENDATIONS

(See opposite side of box for photo and part names)

PRE-INSTALLATION:

- A. Slide collar through 6" riser pipe. If collar does not slide freely through pipe, check to see if pipe is "out-of-round". If so, replace 6" riser pipe.
- B. Backwater valves require adequate drop between the flood rim of the lowest fixture and burial depth of the valve in order to function properly. We recommend a minimum slope of 1/4" per foot or as recommended by the UPC and IPC codes.

INSTALLATION INSTRUCTIONS:

- 1. Install the valve body in the sewer lateral with the "FLOW" arrow on the body pointing downstream. Use approved solvent cement as per the manufacturer's recommendations.
- 2. Rotate the valve body until the 6" opening is facing directly upward. A level may be used across the top of the valve body to verify horizontal positioning.
- 3. ****Cut the 6" riser pipe to the required length. Cement and insert while keeping the inside of the body clean of debris.**
- 4. Cut the 4" insert pipe to a length (3-1/2") shorter than the 6" riser pipe.
- 5. Cement the flapper assembly to one end of the 4" insert pipe.
- 6. Cement the collar to the other end of the 4" insert pipe, while aligning the center of the finger hole with the center of the flapper on the opposite end.
- 7. When cement is dry, loosen the thumb screw and slide the 4" insert pipe – flapper assembly first – into the 6" riser pipe with the flat sealing side of the flapper facing the inlet side of the valve body. Lower the 4" insert pipe until it rests on the seating area of the valve body, making certain that the thumb screw is resting against the inside wall of the riser pipe and **NOT** on the top edge of the riser pipe. Seat the flapper assembly by rotating as necessary until it locks in place. Visually inspect that the flapper assembly is installed correctly.
- 8. **IMPORTANT:** Prior to installation of the 6" threaded adapter (with the 4" insert pipe properly installed) cut a reference notch into the 6" riser pipe. This saw cut notch should be aligned with the molded notch in the 4" collar. For future removal, alignment of the notches will quickly indicate that the flapper is seated correctly.
- 9. **IMPORTANT:** Tighten the 1/4" stainless steel thumbscrew until it seats snugly against the 6" riser pipe, fixing the 4" insert pipe in place.
- 10. Cement the 6" threaded adapter to the 6" riser pipe to complete installation and screw the 6" threaded plug into the threaded adapter.

****CAUTION:** Be certain that excess solvent cement has not impeded proper seating of the flapper assembly insert or the flapper sealing surface.

Visit us on the web at: www.rectorseal.com

RectorSeal®

2601 Spenwick Dr., Houston, TX 77055

Ph: 713-263-8001 or 800-231-3345 Fax: 713-263-7577 or 800-441-0051