

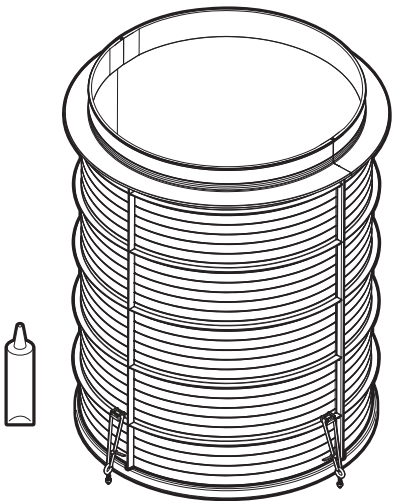
SPECIFICATION AND INSTALLATION GUIDE



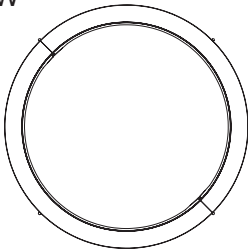
Failure to follow
this guidance voids
your warranty

FCR2 Field Cut Riser System

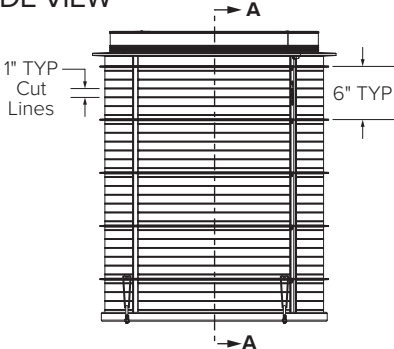
For use with grease interceptors models GB-50, GB-75, GB-250, GB-500, GB-1000 and GB-1500; solids interceptors models SI-50, SI-75, SI-250 and SI-500; sampling port models SV24 and SV24-O.



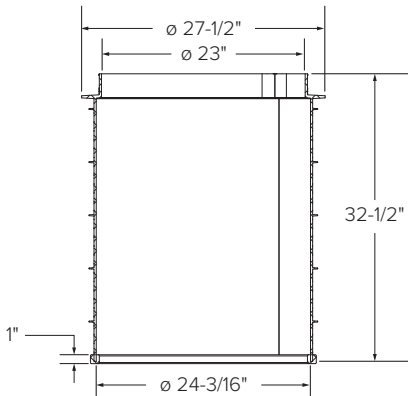
TOP VIEW



SIDE VIEW



SECTION A-A



Contents

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Installation	4-8
FCR2 Compatible Models	9

Notes

1. Unit weight: 32 lbs.
2. Riser not designed to hold water

Engineer Specification Guide:

Field-cut adjustable riser system For use with grease interceptors models GB-50, GB-75, GB-250, GB-500, GB-1000 and GB-1500; solids interceptors models SI-50, SI-75, SI-250 and SI-500; sampling port models SV24 and SV24-O.

Installation Note

Minimum install height: 4". Maximum single riser install height: 34". Riser system may be stacked no more than three units high to a maximum of 94" extension. Access to internal components will not be compromised.

Riser Height Needed	Risers Required (per accessway)
0" - 4"	None (use adapter)
>4" - 34"	FCR2
>34" - 64"	FCR2 (x2)
>64" - 94"	FCR2 (x3)



SCHIER

MODEL NUMBER:
FCR2

DESCRIPTION: 34" Field Cut Riser System

PART #: 8010-006-01

DATE: 03/10/2025

REV:

ECO:

SPECIAL PRECAUTIONS

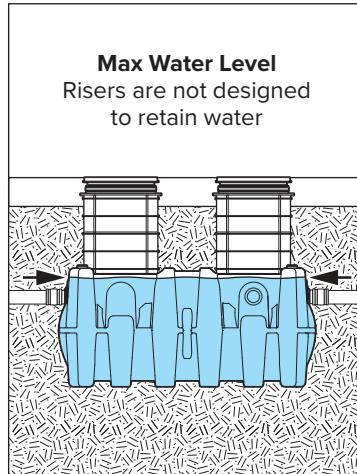
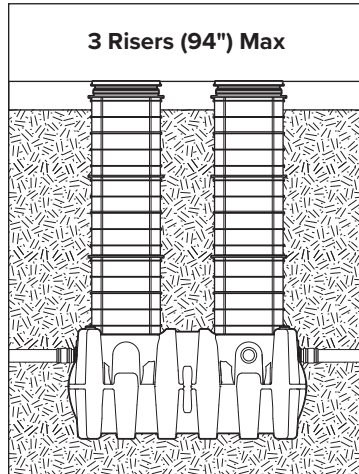


Failure to follow this guidance
voids your warranty

Installation Instructions

Installation instructions and additional components are included with the base unit. Read all instructions prior to installation. This riser is intended to be installed by a licensed plumber in conformance with all local codes.

Installations with Risers



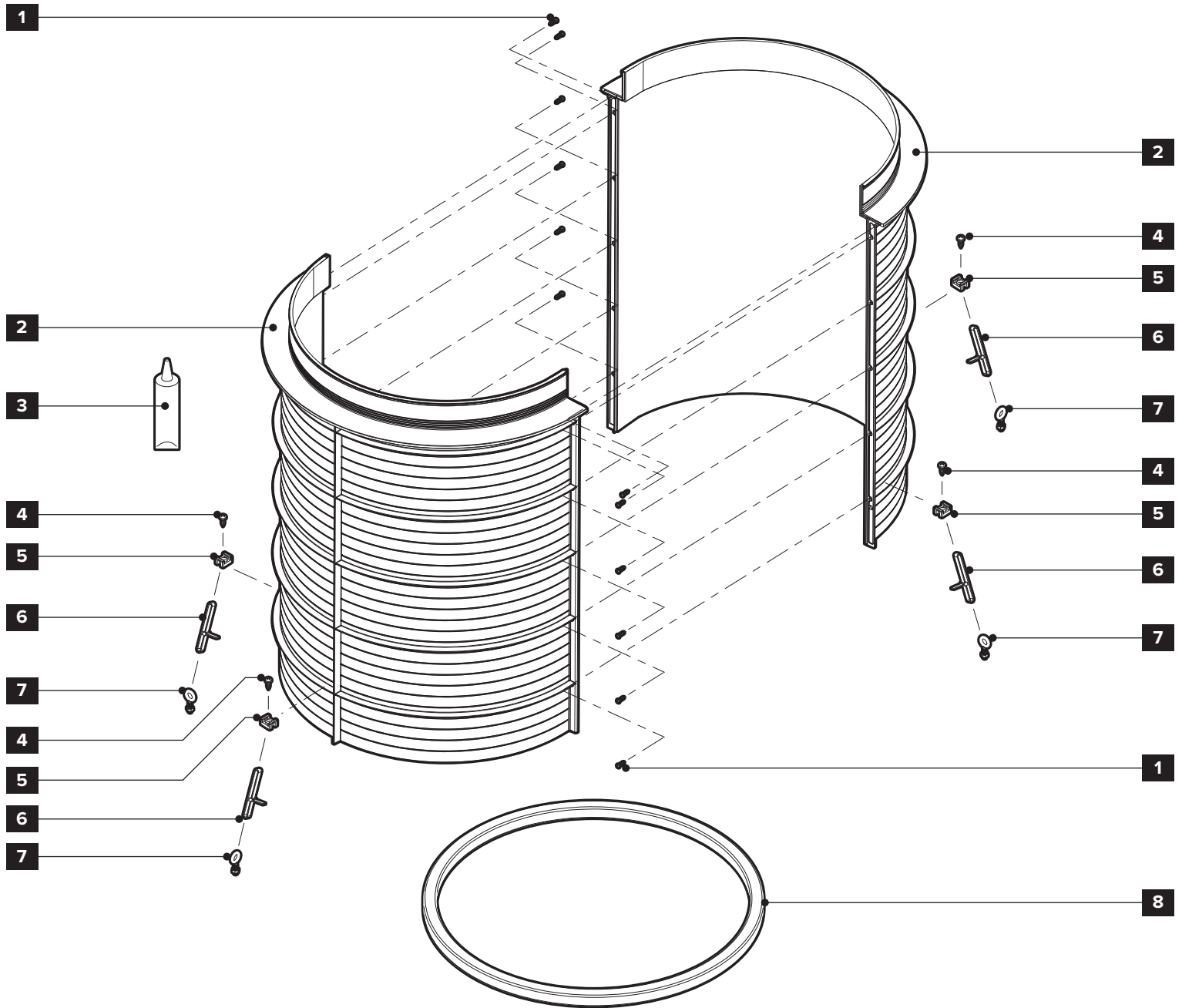
⚠ CAUTION!

Do not add any form of lubricant to cover adapter/
gasket assembly or risers during installation.

⚠ CAUTION!

Make Sure Parts Are Clean When Applying Silicone or Mastic
Sealant

GETTING TO KNOW THE FCR2



1. #8 x 5/8" riser body assembly screw (x12)
2. Riser body half (x2)
3. 100% silicone sealant
4. #10 x 3/4" phillips head stainless steel screws (x4)

5. Cable tie mounts(x4)
6. Heavy duty 18" - 120 lb. cable tie (x4)
7. Stainless steel eyebolt and nut (x4)
8. 1" square x 80" block butyl mastic sealant

INSTALLATION

Tools You Will Need



Tape Measure



#2 Phillips Head Screwdriver



Reciprocating Saw, Circular Saw or Jigsaw



Drill with 1/2" Chuck



Level



1/4" Drill Bit

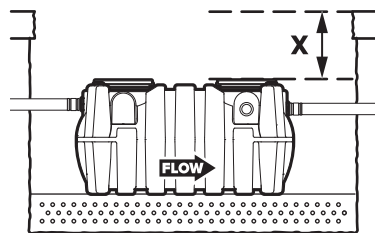
INCLUDED WITH
BASE UNIT



7/16" Nut Driver Bit

1 Determine riser height needed and trim risers.

1a Measure dimension X to determine riser height needed.

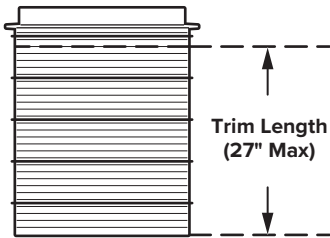


Riser Height Needed (X)	Risers Required (per accessway)
0" - 4"	None (use adapter)
>4" - 34"	FCR2 (x1)
>34" - 64"	FCR2 (x2)
>64" - 94"	FCR2 (x3)

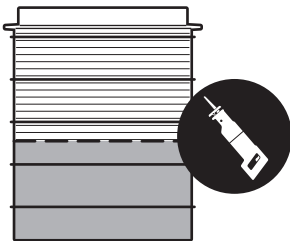


1b Determine trim length (round up all fractions to next inch). **Only one FCR2 riser per cover will need to be cut.**

Riser Height Needed	Trim Length =
0" - 4"	—
>4" - 34"	31" - Riser Height (X)
>34" - 64"	62" - Riser Height (X)
>64" - 94"	93" - Riser Height (X)



1c Measuring from bottom of riser, mark trim length and cut riser halves.



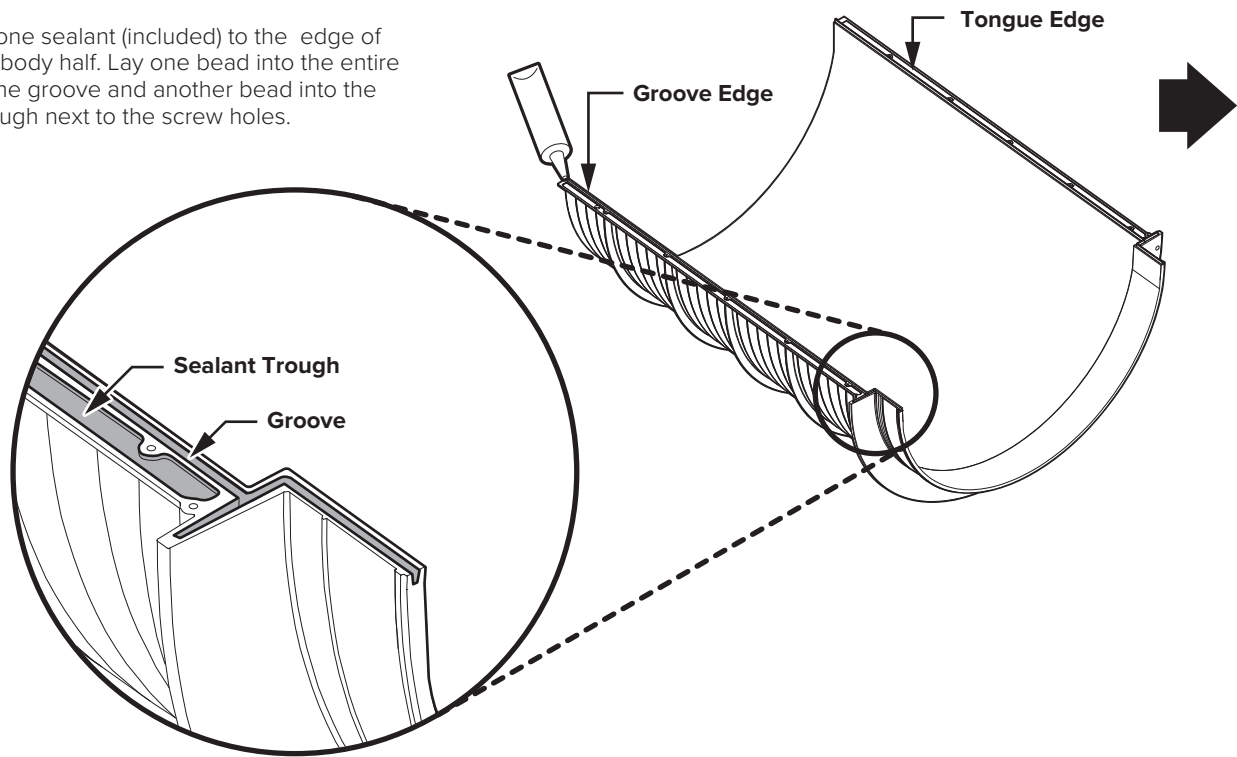
NOTE: If trim length is 0 or less, no cutting is required. Trimming risers using these guidelines will result in risers that are 0-2" shorter than the exact riser height needed. Cover Adapter adjustability will allow for final adjustments to grade.

INSTALLATION

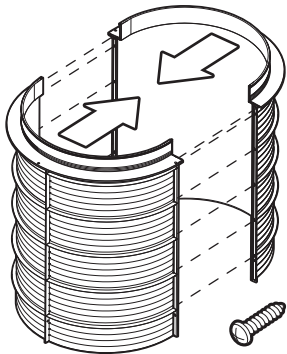
2 Assemble riser body halves.

2a

Apply silicone sealant (included) to the edge of **each** riser body half. Lay one bead into the entire length of the groove and another bead into the sealant trough next to the screw holes.



2b



Immediately assemble riser halves after applying sealant and fasten using supplied screws.

INSTALLATION

3 Install risers onto base unit.

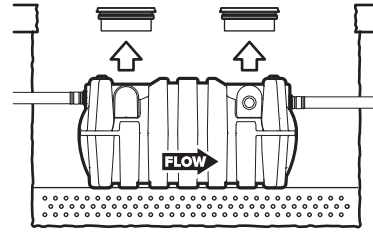
3a

Loosen the cover adapter lower band clamps using 7/16" nut driver bit.



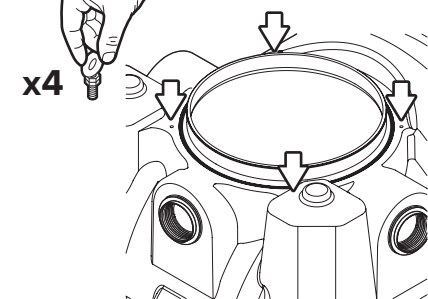
3b

Remove Cover Adapters and gasket assemblies.



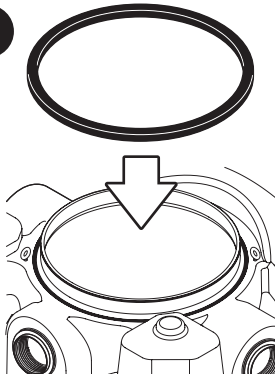
3c

x4



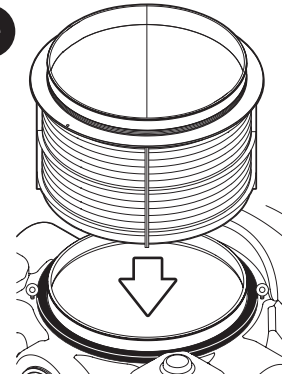
Remove insert plugs, then hand tighten eyebolts into threaded holes surrounding the accessway.

3d



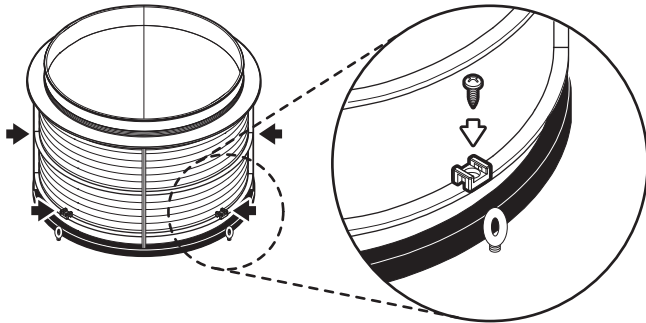
Lay butyl mastic sealant into the channel surrounding the accessway.

3e



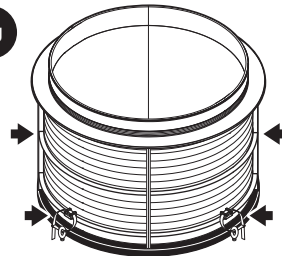
Place riser into position aligning vertical ribs with eyebolts.

3f



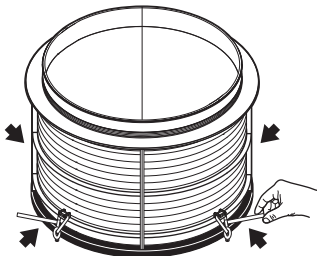
Install 4 cable tie mounts onto lowest horizontal structural rib using #10 x 3/4" screws. Make sure mounts are located directly above eyebolts and are positioned for horizontal cable tie placement.

3g

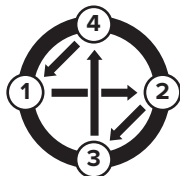


Loop cable ties through mounting holes and eyebolts, do not tighten.

3h

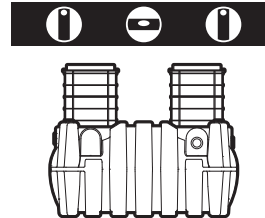


Tightening Pattern



Tighten cable ties, a little bit at a time in a star pattern going around the riser to evenly force the riser into the mastic sealant. Riser should go 1/2" - 3/4" into the sealant.

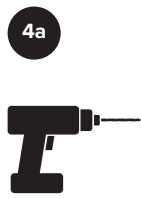
3i



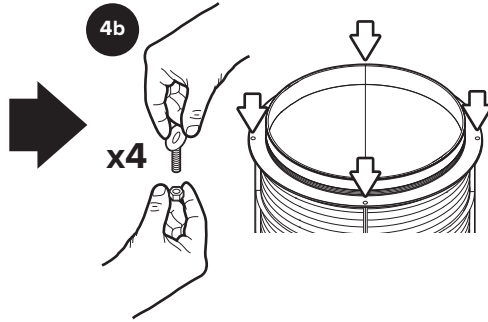
Make final adjustments to cable ties to ensure riser is level.

INSTALLATION

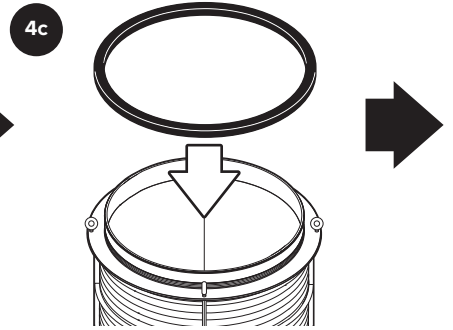
4 Install risers onto risers (34"+).



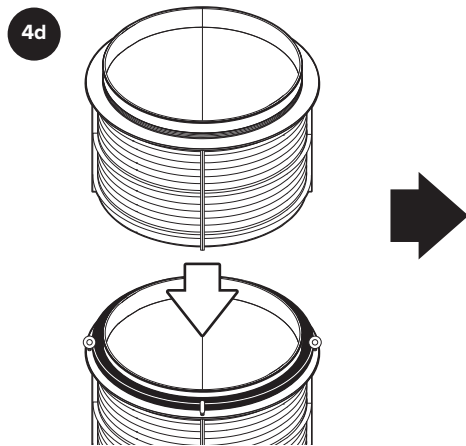
On bottom riser: drill (4) 1/4" mounting holes through flange.



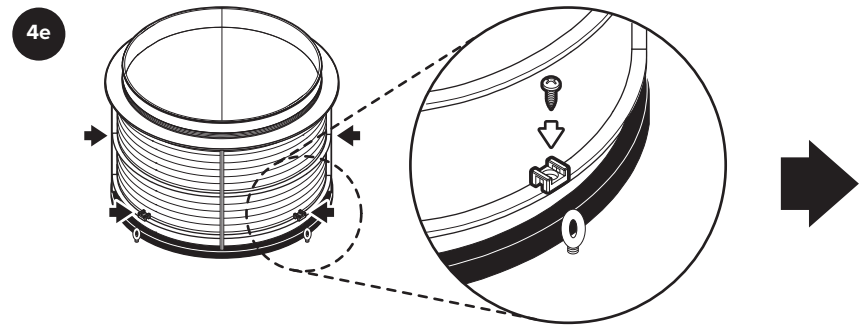
On bottom riser: install eyebolts into holes in riser flange using supplied stainless steel nuts. Hand tighten only.



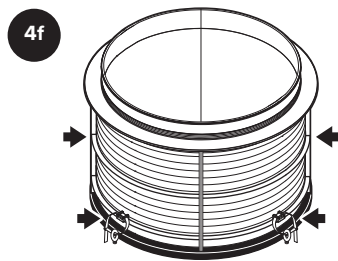
On bottom riser: lay butyl mastic sealant onto the flange surrounding the accessway.



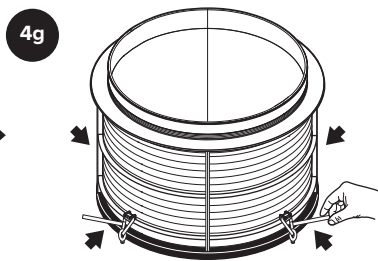
Place top riser onto bottom riser.



On the top riser: Install 4 cable tie mounts onto lowest horizontal structural rib using #10 x 3/4" screws. Make sure mounts are located directly above eyebolts and are positioned for horizontal cable tie placement.

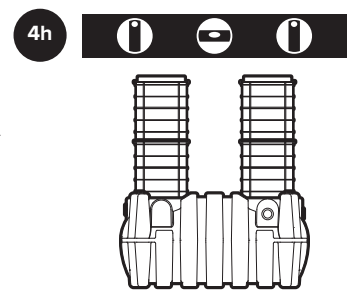
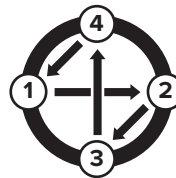


Loop cable ties through cable mounts and eyebolts, do not tighten.



Tighten cable ties, a little bit at a time in a star pattern going around the riser to evenly force the riser into the mastic sealant. riser should go 1/2" - 3/4" into the sealant.

Tightening Pattern

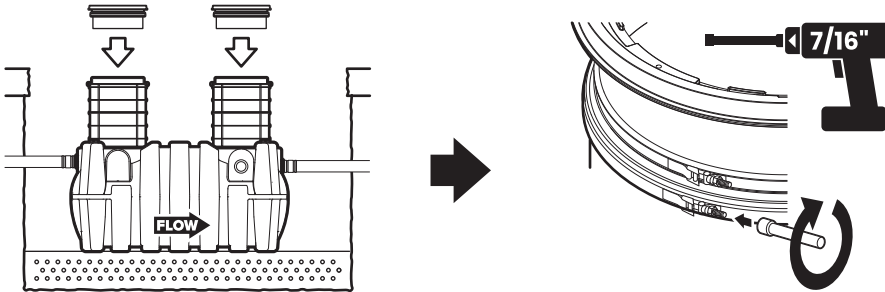


Make final adjustments to cable ties to ensure riser system is level.

INSTALLATION

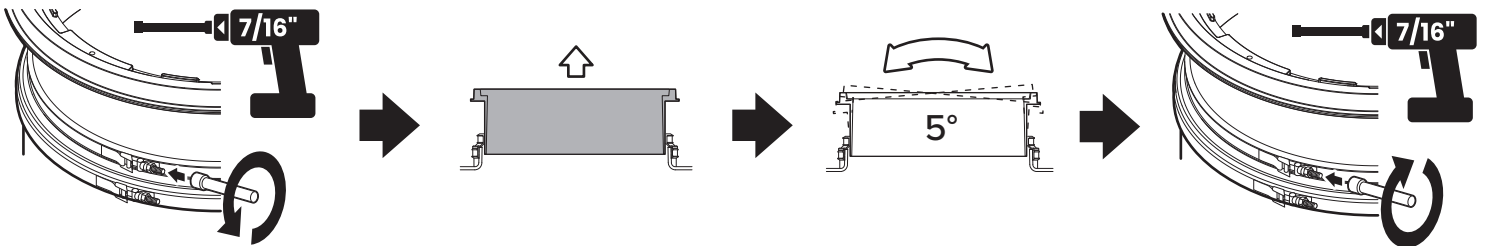
5 Install cover adapters.

5a Secure cover adapters onto risers.



Place cover adapter/gasket assembly onto top level riser(s). Tighten lower band clamp to 5-8 ft. lbs. of torque using 7/16" nut driver bit.

5b Make final cover adapter adjustments



Loosen the upper band clamp using a 7/16" nut driver bit (provided)

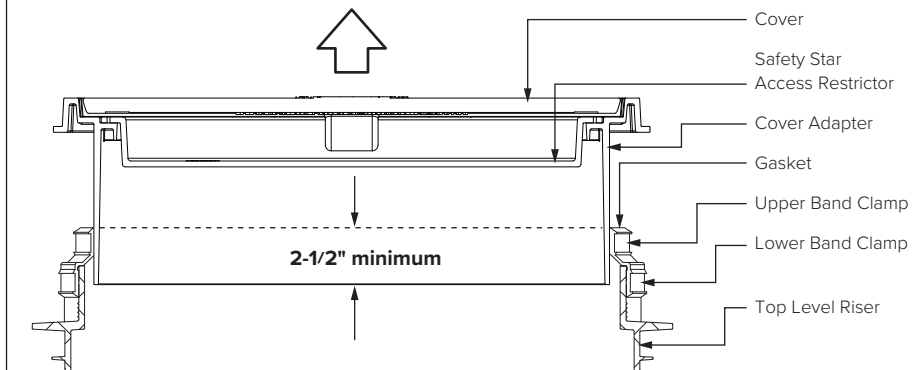
Adjust cover adapter heights as needed.

The cover adapters may be tilted up to 5° in any direction.

Tighten the upper band clamp to 5-8 ft. lbs. of torque using the 7/16" nut driver bit

Note: Maintain a minimum 2-1/2" insertion depth of the cover adapter into the interceptor accessway.

COVER ADAPTER INSTALLATION DETAIL

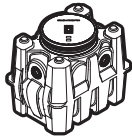


FCR2 COMPATIBLE MODELS

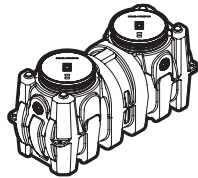
Great Basin® Grease Interceptors



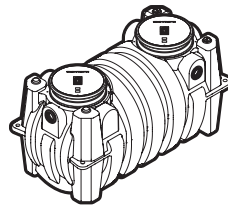
GB-50



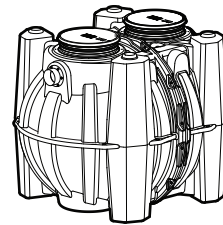
GB-75



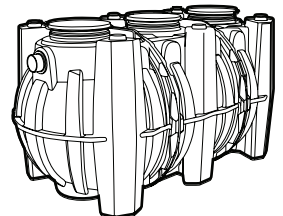
GB-250



GB-500

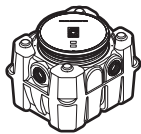


GB-1000

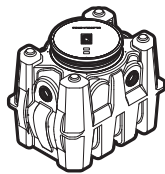


GB-1500

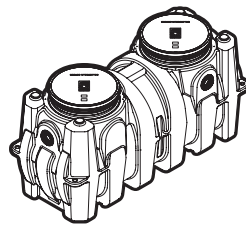
Billy Goat® Kitchen Solids Interceptors



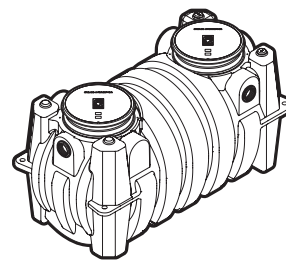
SI-50



SI-75

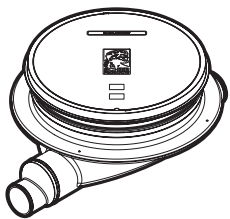


SI-250

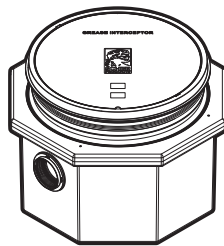


SI-500

Sewer Viewer® Wastewater Sampling Ports



SV24



SV24-O
