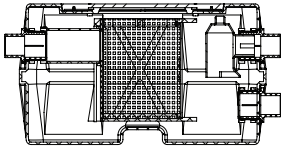
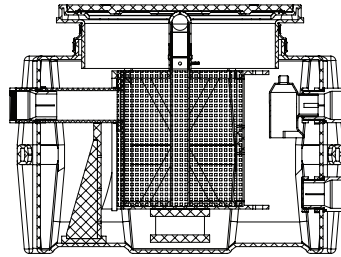


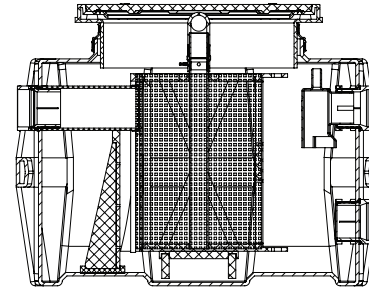
SMALL AA-S



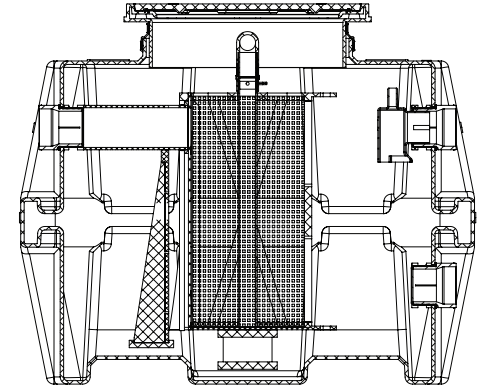
MEDIUM AA-M



LARGE AA-L



XL AA-XL



LEAK/SEAL TESTING

Base Unit: To perform a leak/seal test on the base unit, cap/plug all plumbing connections, remove the cover, and fill the unit with water just above the highest connection.

Inspect unit and connections for leaks. Check water level at specific time intervals per local code. If a leak occurs, call STRIEM @ 913-222-1500.

LIFETIME GUARANTEE

Our polyethylene products are designed to last the lifetime of the plumbing system in which they are installed. If they don't, we will repair or replace them at no charge. Product damage due to normal wear and tear may be repaired or replaced at a reasonable charge.

NOTES:

Striem Solids Interceptors are not to be installed in any other manner except as shown. Consult local codes for separate trapping requirements, cleanout locations and additional installation instructions.

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DATE: 4/17/19



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Kansas City, KS 66115

PH **913-222-1500**

FX **913-291-0457**

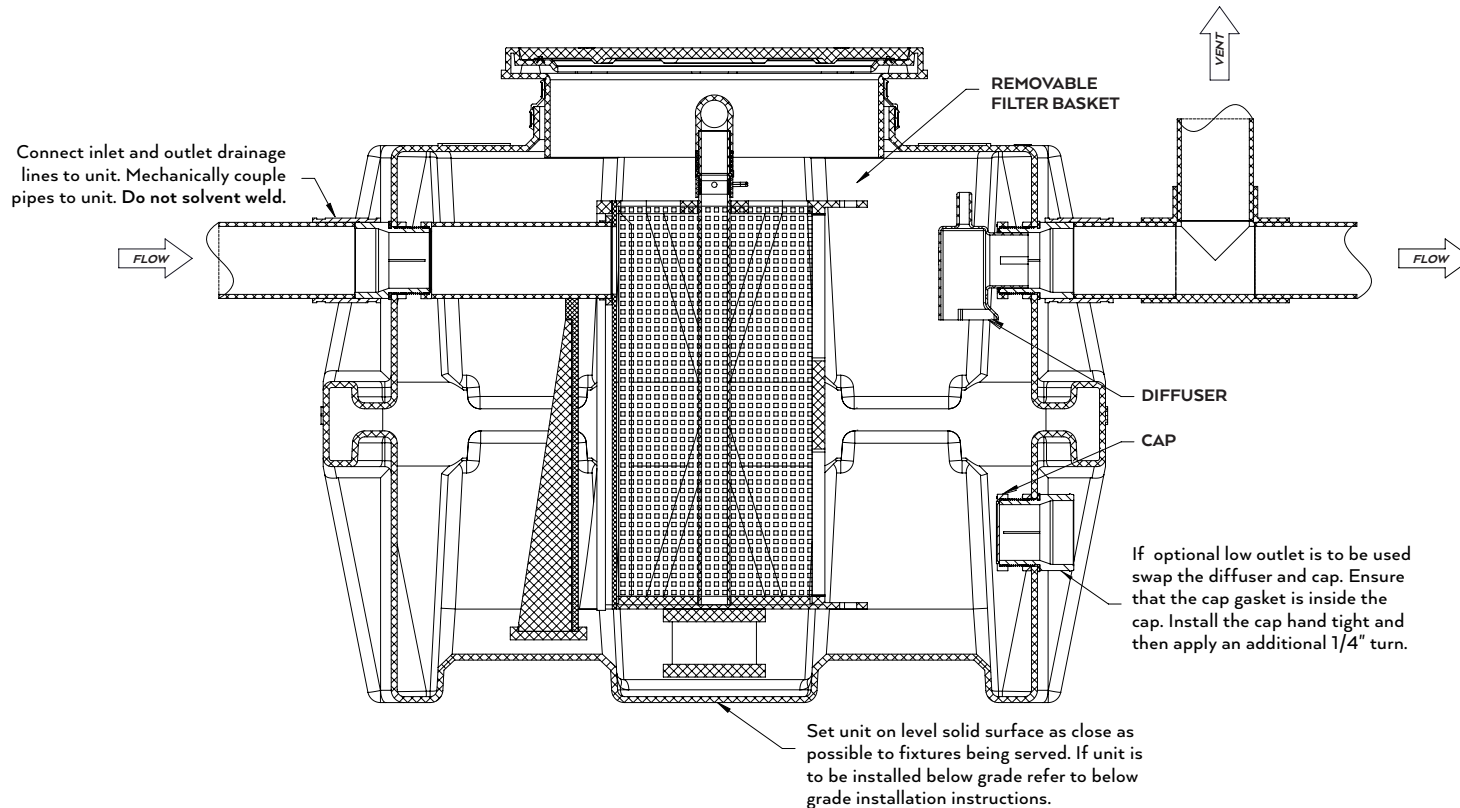
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GENERAL INTERCEPTOR INSTALLATION INSTRUCTIONS
AA-XL SHOWN



OPERATION:

Aardvark Series Basket Style solids interceptors are designed to capture heavy and suspended solids from in-line drainage applications before entering the public sewer or private septic system. This is done by means of a removable perforated basket.

MAINTENANCE:

- 1. Remove cover.**
- 2. Remove basket and empty contents into receptacle.**
- 3. Clean main body of the interceptor.**
Make sure to remove water and fine debris that may have accumulated.
- 4. Replace basket in proper location.**
- 5. Fill unit with water to the invert of the outlet.**
- 6. Replace cover.**
Inspect gasket on underside of cover for wear and tear.
- 7. Properly dispose of collected material.**

MAINTENANCE FREQUENCY:

Maintenance frequency is project and product specific. After initial installation, we recommend inspecting the basket every two to three weeks. An appropriate maintenance schedule can be determined based on initial inspections.

TROUBLESHOOTING TIPS:

Slower than usual drainage may indicate the need to clean solids interceptor.

Always take proper care to ensure a safe and healthy environment while cleaning interceptor.

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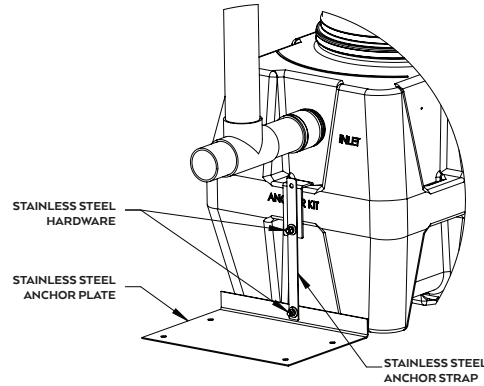
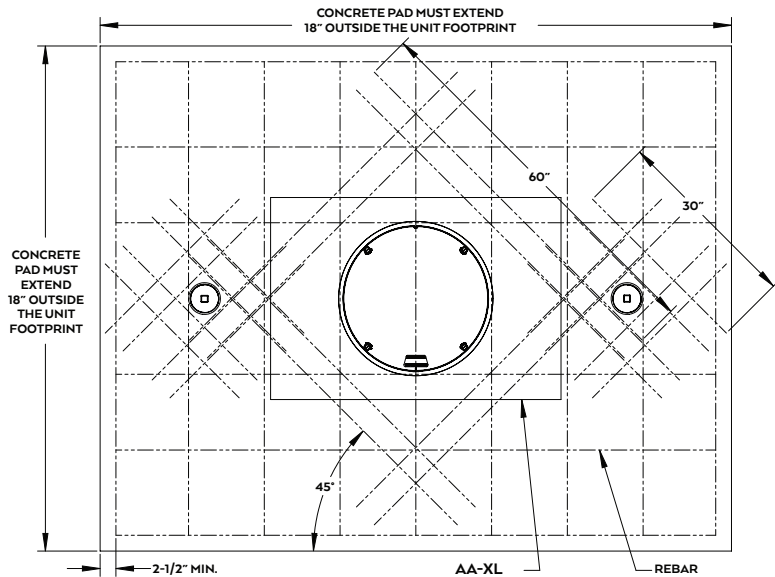
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INTERIOR OR EXTERIOR BELOW GRADE INSTALLATION INSTRUCTIONS AA-XL SHOWN

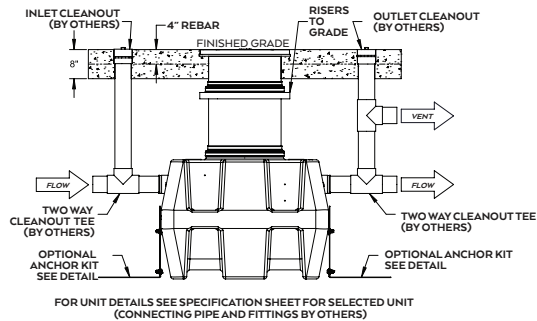
BELOW GRADE INSTALLATION INSTRUCTIONS



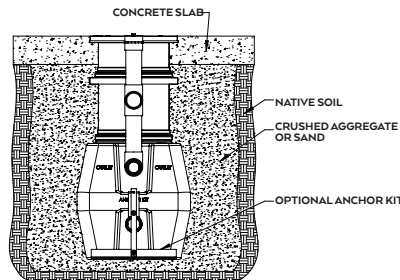
ANCHOR KIT INSTALLATION STEPS

1. Slide "Anchor Strap" over tie down point on end wall and bolt together using provided hardware.
2. Bolt "Anchor Strap" to "Anchor Plate" using provided hardware
3. Hold down force achieved by backfill weight acting on Anchor Plate.
4. Anchor Plate may be bolted to concrete slab, if required, by using holes provided in Anchor Plate.

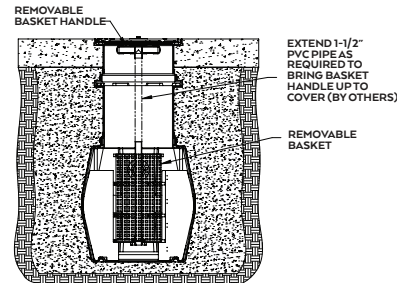
ELEVATION DETAIL



EXCAVATION AND BACKFILL DETAIL



BASKET HANDLE DETAIL



EXCAVATION:

1. Install unit(s) as close as possible to fixtures being serviced.
2. Width and length of excavation shall be minimum 12" greater than the tank on all sides.
3. Depth of excavation shall be 6" deeper than tank bottom.
4. Set the tank in well-packed crushed aggregate material approximately 3/4" size rock, or sand, with no fines.
5. Anchor kit is recommended for installations in high water table conditions to prevent float out. To be determined by specifying engineer. If necessary, order optional "Anchor Kit" (see detail left).

BACKFILLING & FINISHED CONCRETE SLAB:

1. Preparation of sub grade per geotech recommendations.
2. Stabilize and compact sub grade to 95% proctor.
3. Fill tank with water before backfilling to prevent float out during piping installation.
4. Before backfilling and pouring of slab secure cover(s) and riser/s (if necessary) to the unit(s)
5. Backfill using crushed aggregate material approximately 3/4" size rock, or sand, with no fines.
6. Place 6" aggregate base under slab. Aggregate should be 3/4" size rock, or sand, with no fines.
7. Thickness of concrete around cover to be determined by specifying engineer. If traffic loading is required the concrete slab dimensions shown are for guideline purposes only.
8. Concrete to be 28 day compressive strength to 4000 PSI.
9. NO. 4 rebar (1/2") grade 60 steel per ASTM A615: connected with tie wire.
10. Rebar to be 2 1/2" from edge of concrete.
11. Rebar spacing 12" grid. 4" spacing around access openings.

CONNECTIONS

1. Connect waste piping to the unit.
2. Handle of removable basket may be extended using 1-1/2" PVC pipe, if necessary. (See "Aardvark Basket T-Handle Installation Guide")

NOTES:

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INTERIOR BELOW GRADE INSTALLATION INSTRUCTIONS

EXCAVATION:

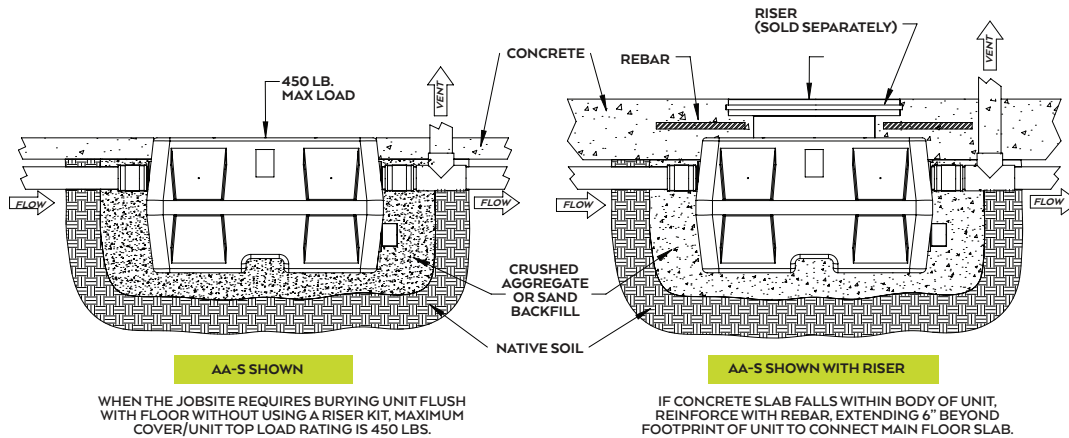
1. Install unit(s) as close as possible to fixtures being serviced.
2. Width and length of excavation shall be minimum 6" greater than the tank on all sides.
3. Depth of excavation shall be 6" deeper than tank bottom.
4. Set the tank in well-packed crushed aggregate #7 backfill material approximately 3/4" size rock, or sand, with no fines.

BACKFILLING & FINISHED CONCRETE SLAB:

1. Before backfilling and pouring of slab secure cover(s) to the unit(s).
2. Backfill using crushed aggregate #7 backfill material approximately 3/4" size rock or sand with no fines.
3. Place 6" aggregate base under slab.

CONNECTIONS

1. Connect waste piping to the unit.



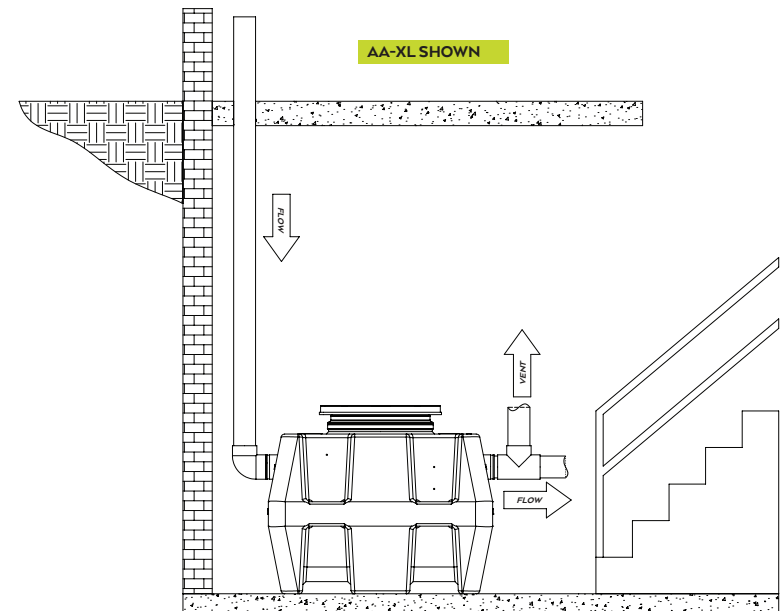
INTERIOR ABOVE GRADE INSTALLATION INSTRUCTIONS

Install unit as close as possible to fixtures being serviced.

CONNECTIONS

1. Connect waste piping to the unit.

ON THE FLOOR DETAIL



NOTES:

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INSTALLATION, OPERATION, & MAINTENANCE GUIDE

BASKET-STYLE SOLIDS INTERCEPTOR

AARDVARK™ SERIES

TOOLS INCLUDED (WITH BASE SOLIDS INTERCEPTOR UNIT(S)):

- 7/16" Nut driver tool/bit
- Silver permanent marker

TOOLS NEEDED:

- Tape measure
- Regular or cordless drill with 1/2" chuck

TOOLS NEEDED IF RISER(S) REQUIRE CUTTING:

- Jigsaw or
- Cordless circular saw or • Reciprocating saw

RISER ASSEMBLY INSTRUCTIONS/STEPS:

1. If unit is to be installed on grade (on-the-floor), there is no need for any adjustments. Unit is ready to be put into service.
2. If unit is to be buried: Once unit is set so that the pipe connections line up with jobsite piping, measure total riser height needed from top of cover to finished grade. Make sure you include any future tile work, etc. that may be installed in your finished grade measurements. See figure 1.
3. Select riser(s) needed based on Table 1.
4. If riser(s) is needed, remove cover from adapter and remove adapter from main unit by loosening upper clamp with included nut driver bit (lower band is factory set, do not adjust or remove). On the floor near the unit, insert adaptor into first riser until it stops. If needed, insert bottom of first riser into top of second riser until it stops. You may need to tighten upper clamps during this step to keep risers from shifting. Adapter and riser(s) should sit level with each other. Removal of cover during this process will ease assembly.
5. From the top of the adapter, measure your needed total riser height downward to the sidewall of the riser. Then, add 5" (for AA-M or AA-L) or 6" (for AA-XL). For example, if you have a AA-XL and need a 15-1/2" extension, you would measure down from the top of the adapter 21-1/2" (15-1/2" + 6" = 21-1/2"). See Figure 2.
6. Refer to Table 2, Table 3 or Table 3a to determine if, and where, any cuts need to be made. If a cut needs to be made, make a circular line around the sidewall of the riser with the included silver marker at your riser height + dimension from step 5. Using a jigsaw, circular saw or reciprocating saw, cut along your line. Discard/recycle the cutoff scrap.
7. Whether the riser needs to be cut or not, make another mark with the silver marker on the sidewall of the riser a distance of 4 INCHES (3 INCHES for a AA-M w/ 4" connections) above the edge just cut. If you did not make a cut (meaning your riser height + dimension from step 5 line was beyond the bottom edge of your riser), still mark the sidewall of the riser 4 INCHES above where your riser height + dimension from step 5 line would have been. DO NOT cut this new line. Once the riser is installed into the main unit, this new line will end up at the top of the gasket and will aid in re-assembly. See Figure 3.
8. **IMPORTANT:** Before the next step: Make sure both diffusers are installed inside the main unit at the appropriate locations and check if there needs to be any flow control adjustment on the inlet diffuser. Refer to sheet 2 of the installation instructions for flow control adjustment.
9. Refer to sheet 1 of the installation instructions for leak/water testing procedures.
10. Take riser(s) and adapters apart to reduce the weight during installation. Wipe all sidewalls and inside of gasket with a damp cloth to remove jobsite dust/debris. Install components into the main unit starting from the lowest (cut) riser and working your way toward the finished floor level. Upper clamps at each gasket need to be loosened or removed to aid in assembly. Once riser(s)/adapter is inserted into gasket, upper clamp can be tightened.
11. Verify that the bottom of the lowest riser is protruding at least 2-1/2" but no more than 4" into the main unit from the top of the gasket. Your mark from step 7 should be at the top edge of the gasket on the main unit. If measurements were made correctly, this should happen automatically. See figure 4.
12. If tilting of the adapter is required to be flush with finished grade, it must be done AFTER all clamps have been tightened with riser(s)/adaptor in a vertical and level position. Tilting is achieved by using the flexibility of the gasket. If tilting is done before clamps are tightened, a perfect gasket seal may be compromised. Striem recommends tilting only the adapter versus the entire riser assembly to make sure your riser height is maintained.
13. Tighten all clamps to a minimum of 5 and a maximum of 8 ft lbs. of torque. Use the same torque as you would tighten a rubber no-hub coupling.
14. The adapter must be adjusted upward to achieve certain extension heights. See Table 2, Table 3 or Table 3a.
15. If jobsite riser height conditions change after the above steps have been completed, there may still be room for vertical adjustment in both directions. As long as minimum and maximum overlaps are maintained (see Figure 4), the adapter/riser(s) can be adjusted/cut as many times as necessary. Please follow these steps from the beginning to ensure the proper overlaps are maintained.

Call Striem with questions or suggestions @ 1-913-222-1500 Customer Service Hours: 8 AM-5 PM CST

TELEGLIDE RISER (24 SERIES) INSTALLATION GUIDELINES

(AA-M, AA-L, AA-XL)

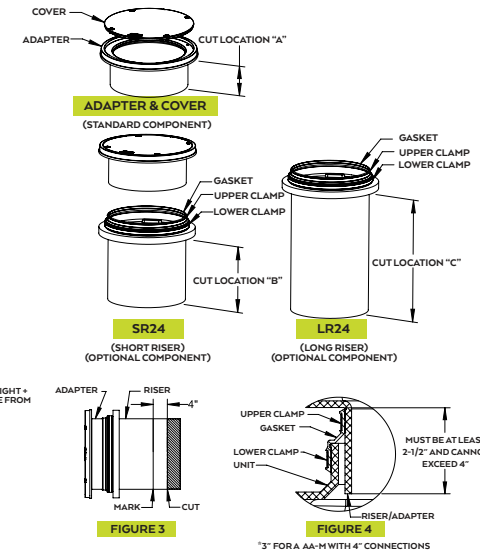
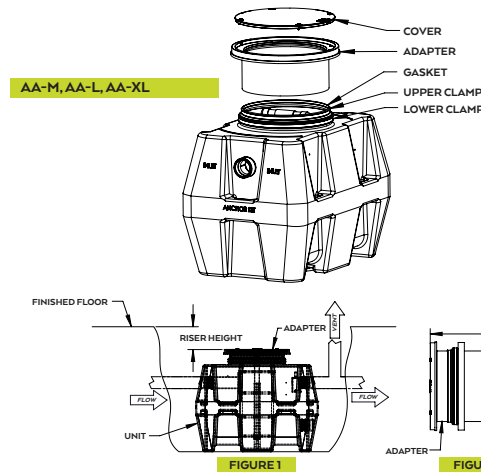


TABLE 1 TELEGLIDE RISER ORDER GUIDE					
AA-M & AA-L		AA-M w/ 4" CONNECTIONS		AA-XL	
RISER HEIGHT	RISER QTY.	RISER HEIGHT	RISER QTY.	RISER HEIGHT	RISER QTY.
SR24	LR24	SR24	LR24	SR24	LR24
>3'-1/2" - 22"	1 0	>2'-1/2" - 21"	1 0	>6" - 24"	1 0
>22" - 37"	0 1	>21" - 36"	0 1	>24" - 39"	0 1
				>39" - 43"	2 0
				>43" - 58"	1 1
				>58" - 72"	0 2

TABLE 2 (FOR AA-XL)			
RISER HEIGHT NEEDED	RISER P/N NEEDED	RISER QTY. NEEDED	CUT LOCATION(S)
>0" - 6"	NONE	0*	NONE
>6" - 8-1/4"	SR24	1	A,B
>8-1/4" - 19-3/4"	SR24	1	B
>19-3/4" - 24"	SR24	1	NONE ¹
>24" - 35"	LR24	1	C
>35" - 39"	LR24	1	NONE ²
>39" - 43"	SR24	2	B
>43" - 51-1/2"	SR24	1	C
>51-1/2" - 58"	LR24	1	NONE ³
>58" - 66-1/2"	LR24	2	C
>66-1/2" - 72"	LR24	2	NONE ⁴

1. Adjust adapter upwards to reach 22" to 24"
2. Adjust adapter upwards to reach 37" to 39"
3. Adjust adapter upwards to reach 56" to 58"
4. Adjust adapter upwards to reach 70" to 72"

* For model AA-XL with 6" connections, the adapter will need to be trimmed if the riser height needed is between 0" - 2".

TABLE 3 (FOR AA-M and AA-L)			
RISER HEIGHT NEEDED	RISER P/N NEEDED	RISER QTY. NEEDED	CUT LOCATION(S)
>0" - 3-1/2"	NONE	0	NONE
>3-1/2" - 6-1/2"	SR24	1	A,B
>6-1/2" - 17"	SR24	1	B
>17" - 22"	SR24	1	NONE ¹
>22" - 32"	LR24	1	C
>32" - 37"	LR24	1	NONE ²

5. Adjust adapter upwards to reach 20" to 22"
6. Adjust adapter upwards to reach 35" to 37"

TABLE 3A (FOR AA-M w/ 4" CONNECTIONS)			
RISER HEIGHT NEEDED	RISER P/N NEEDED	RISER QTY. NEEDED	CUT LOCATION(S)
>0" - 2-1/2"	NONE	0	NONE
>2-1/2" - 5-1/2"	SR24	1	A,B
>5-1/2" - 16"	SR24	1	B
>16" - 21"	SR24	1	NONE ¹
>21" - 31"	LR24	1	C
>31" - 36"	LR24	1	NONE ²

7. Adjust adapter upwards to reach 19" to 21"
8. Adjust adapter upwards to reach 34" to 36"

NOTES:

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TOOLS INCLUDED (WITH RISER KIT):

- Silver permanent marker

TOOLS NEEDED:

- Tape measure
- Phillips head screwdriver
- Jigsaw or
- Cordless circular saw or
- Reciprocating saw

RISER ASSEMBLY INSTRUCTIONS/STEPS:

1. If unit is to be buried, you will need a riser kit (sold separately). The 16 Series TeleGlide Riser System for these models allows riser heights from 2-1/8" above standard unit up to 16". Only ONE riser may be used per base unit to allow sufficient access to internal serviceable components. See Figure 5.
2. If more than 16" of riser height is needed, you will need to adjust jobsite requirements OR purchase the next available model with a 24 Series TeleGlide Riser System which allows taller riser heights.
3. Once unit is set so that pipe connections line up with jobsite piping, remove cover from unit. Fasten yellow gasketed ring to unit with hardware provided in separate riser kit. Ring flange with 4 bolt notches faces down against the unit. See Figure 1.
4. Push riser into ring until it stops (about 1 inch). See Figure 2.
5. Measure the distance from the top edge of the riser down to the finished floor. Make sure to account for any future tile work in your measurement. See Figure 2.
6. Remove riser from ring. Take measurement from step 5 from the BOTTOM of the riser upwards towards the top of the riser. Mark a line around the riser, and cut with handsaw, jig saw, or reciprocating saw. Remove debris from cut edge with scraper, utility knife, or gloves. See Figure 3.
7. Place cut riser back into ring on unit until it stops. Fasten cover from unit into riser with the same 4 bolts from the unit. Unit is ready to be water tested and backfilled. Install finished floor. See Figure 4.

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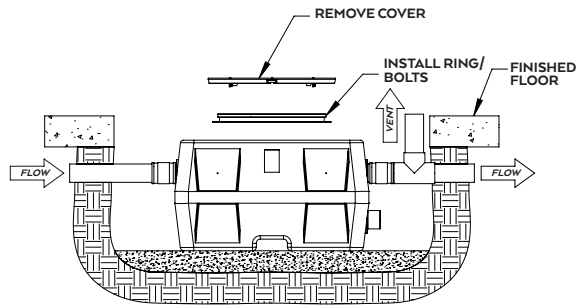


FIGURE 1

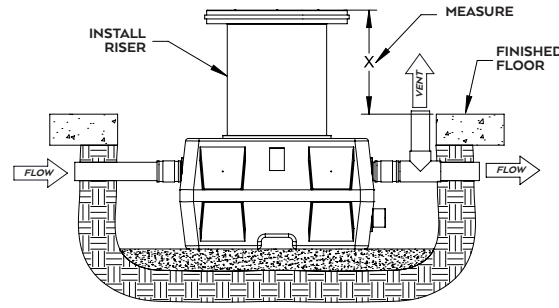


FIGURE 2

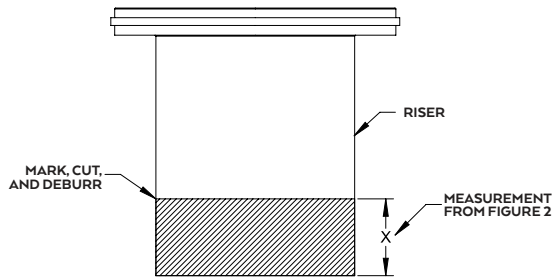


FIGURE 3

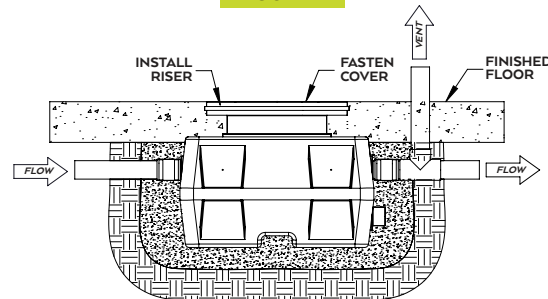
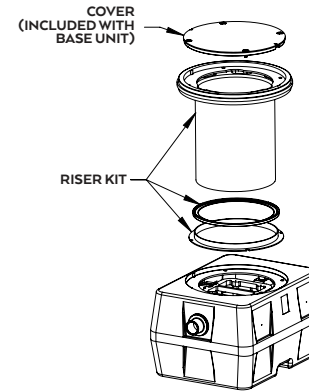
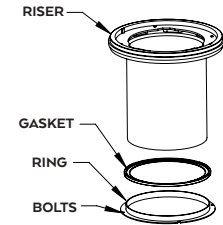


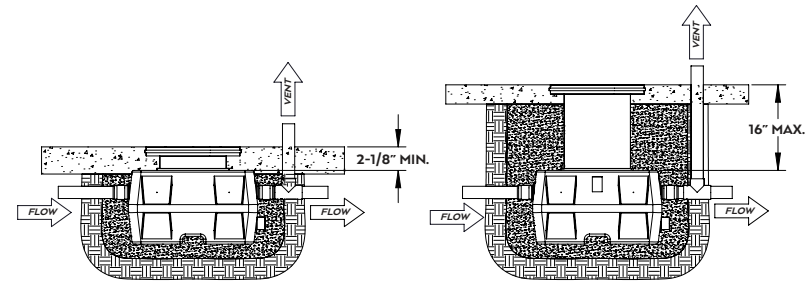
FIGURE 4



AA-S



SR16 RISER KIT
(SOLD SEPARATELY)



**MINIMUM AND MAXIMUM RISER HEIGHTS
WHEN UNITS ARE BURIED**

FIGURE 5

NOTES:

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