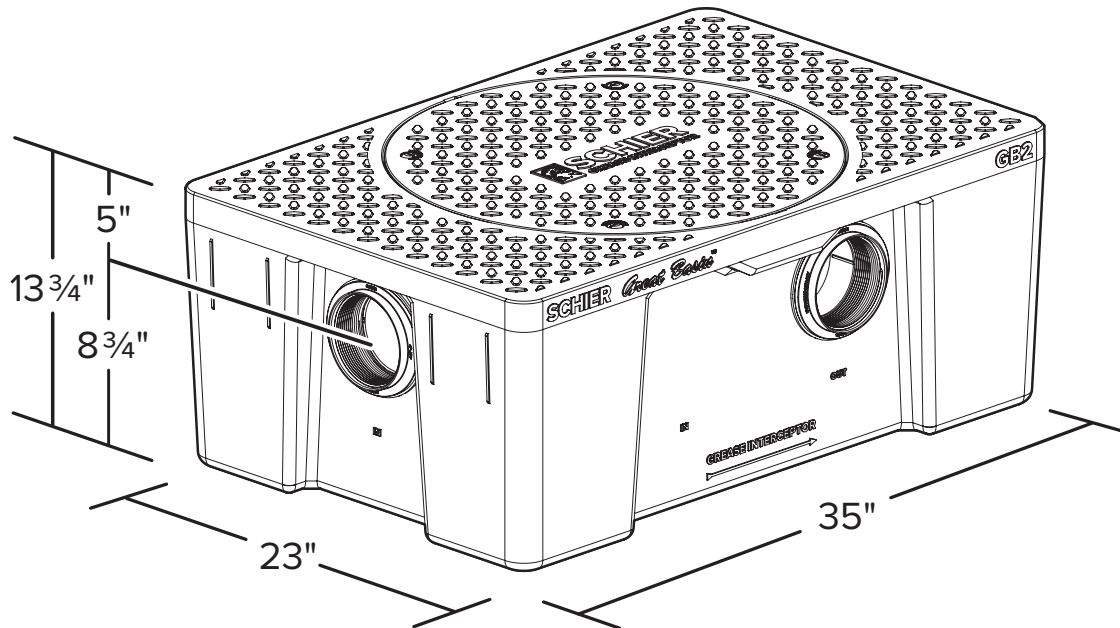


INSTALLATION GUIDE



Failure to follow this guidance
will void your warranty

GB2 35 GPM Great Basin® indoor grease interceptor



Examine product for damage and read all instructions prior to installation.

Please report significant damage to customer service at (913)-951-3300.

Warranty is void if a damaged product is installed, or if the product is not installed in conformance with all local codes.

Schier recommends installation only by a licensed plumber.



SCHIER®

SPECIAL PRECAUTIONS



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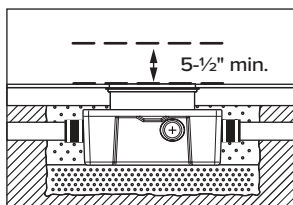
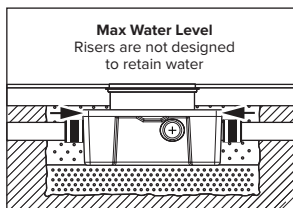
PRESSURE TESTING

Do not pressure test the interceptor or riser system. Doing so may result in property damage, personal injury or death. The interceptor is intended for open system (vented) gravity drainage use only and should not be used in closed system pressure applications.

Before installation, the interceptor should be tested up to top of tank for water tightness. See page 5 for details. The risers are not designed to retain water and should not be water tested.

Required Clearance Above Covers

Allow at least 5 1/2" of clearance above the interceptor for routine maintenance.



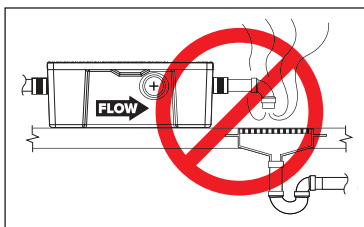
High Temperature Kitchen Water

Wastewater entering the interceptor should not exceed 150° F. If wastewater temperatures will exceed 150° F, a drain water tempering valve (DTV) should be installed to cool the water.

ODOR ALERT!

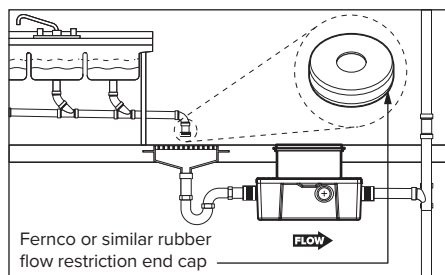
The interceptor is not a sewer gas trap. All upstream fixtures must be trapped.

Do not install an air gap on the outlet side of the interceptor.



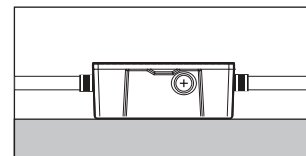
Indirect Connections

If your dishwashing sink(s) discharges into a floor drain/sink (drain), you may regulate the flow into the drain to avoid an overflow of water onto the kitchen floor. This can be done by installing a valve or flow restriction cap on the sink piping that discharges into the drain.



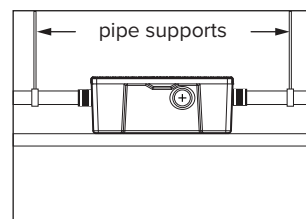
Fully Support Base of Unit

The interceptor should be installed on a solid, level surface in contact with the entire bottom footprint.



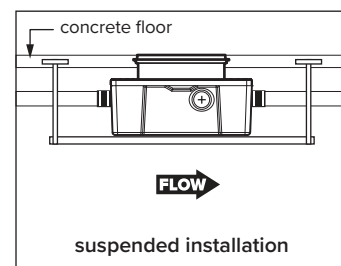
Support Piping

Inlet and outlet piping must be properly supported.



Suspended Installations

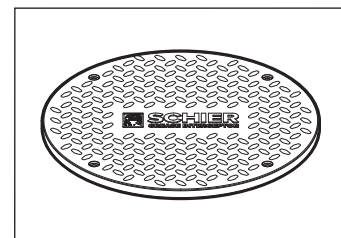
Design the trapeze by structural engineer to support the wet weight of the interceptor (216 lbs.). Fully support the base of the interceptor by installing on a solid, level surface in contact with the entire bottom footprint. Do not partially support with metal u-channel.



Indoor Cover - Polypropylene

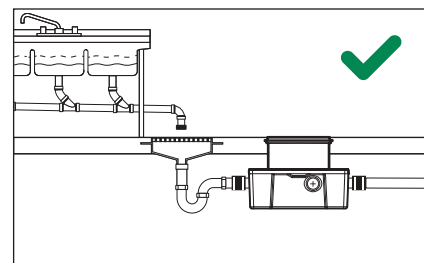
C21M bolted polypropylene covers should be used for above grade and pedestrian rated applications. Not recommended for outdoor use.

Polypropylene cover, bolted 21", pedestrian rated to 450 lbs



Indoor Installation Only

The GB2 is recommended for indoor installation only and should not be installed outdoors.



SPECIAL PRECAUTIONS



Failure to follow this guidance will void your warranty

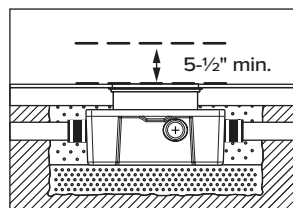
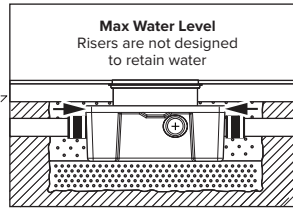
PRESSURE TESTING

Do not pressure test the interceptor or riser system. Doing so may result in property damage, personal injury or death. The interceptor is intended for open system (vented) gravity drainage use only and should not be used in closed system pressure applications.

Before installation, the interceptor should be tested up to top of tank for water tightness. See page 5 for details. The risers are not designed to retain water and should not be water tested.

Required Clearance Above Covers

Allow at least 5 1/2" of clearance above the interceptor for routine maintenance.



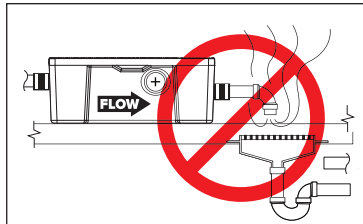
High Temperature Kitchen Water

Wastewater entering the interceptor should not exceed 150° F. If wastewater temperatures will exceed 150° F, a drain water tempering valve (DTV) should be installed to cool the water.

ODOR ALERT!

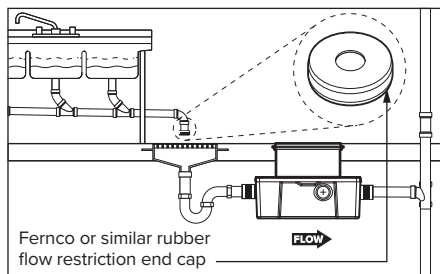
The interceptor is not a sewer gas trap. All upstream fixtures must be trapped.

Do not install an air gap on the outlet side of the interceptor.



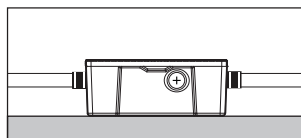
Indirect Connections

If your dishwashing sink(s) discharges into a floor drain/sink (drain), you may regulate the flow into the drain to avoid an overflow of water onto the kitchen floor. This can be done by installing a valve or flow restriction cap on the sink piping that discharges into the drain.



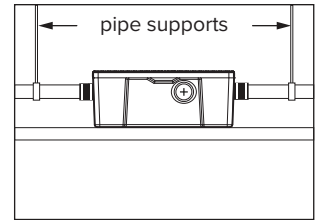
FULLY SUPPORT BASE OF UNIT

The interceptor should be installed on a solid, level surface in contact with the entire bottom of tank footprint.



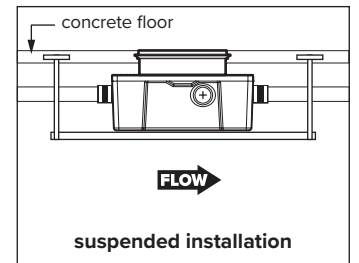
Support Piping

Inlet and outlet piping must be properly supported.



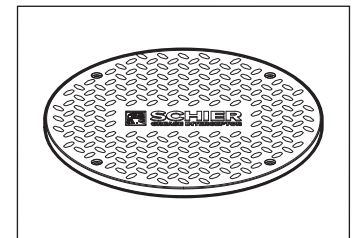
Suspended installations

Design the trapeze by structural engineer to support the wet weight of the interceptor (216 lbs.). Fully support the base of the interceptor by installing on a solid, level surface in contact with the entire bottom footprint. Do not partially support with metal u-channel.



Indoor Cover - Polypropylene

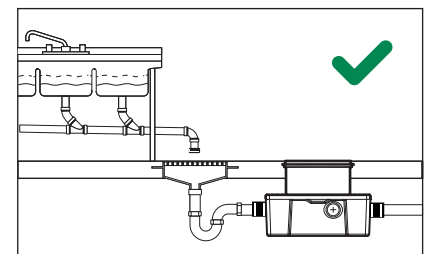
C21M bolted polypropylene covers should be used for above grade and pedestrian rated applications. Not recommended for outdoor use.



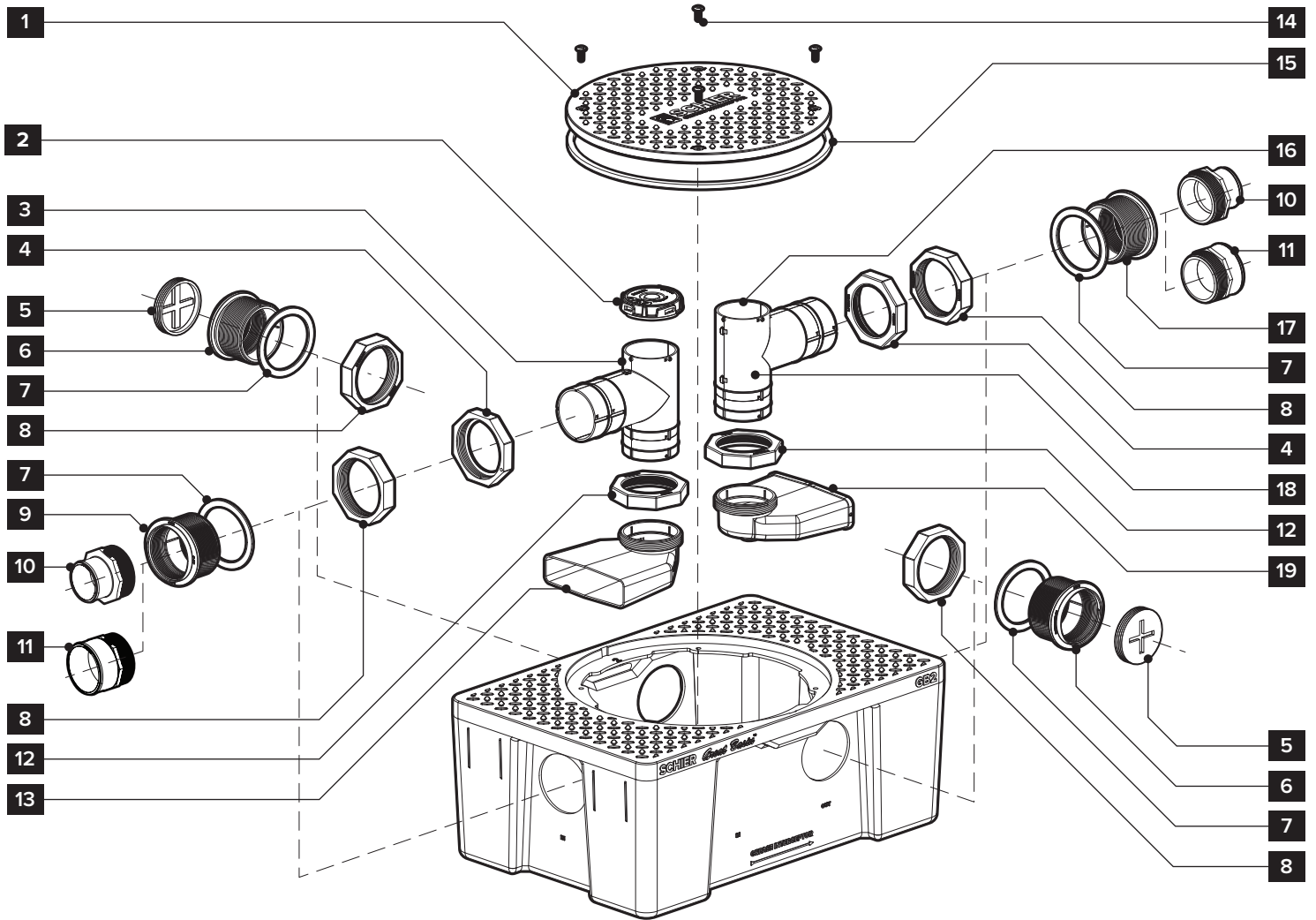
Polypropylene cover, bolted 21", pedestrian rated to 450 lbs

Indoor Installation Only

The GB2 is recommended for indoor installation only and should not be installed outdoors.

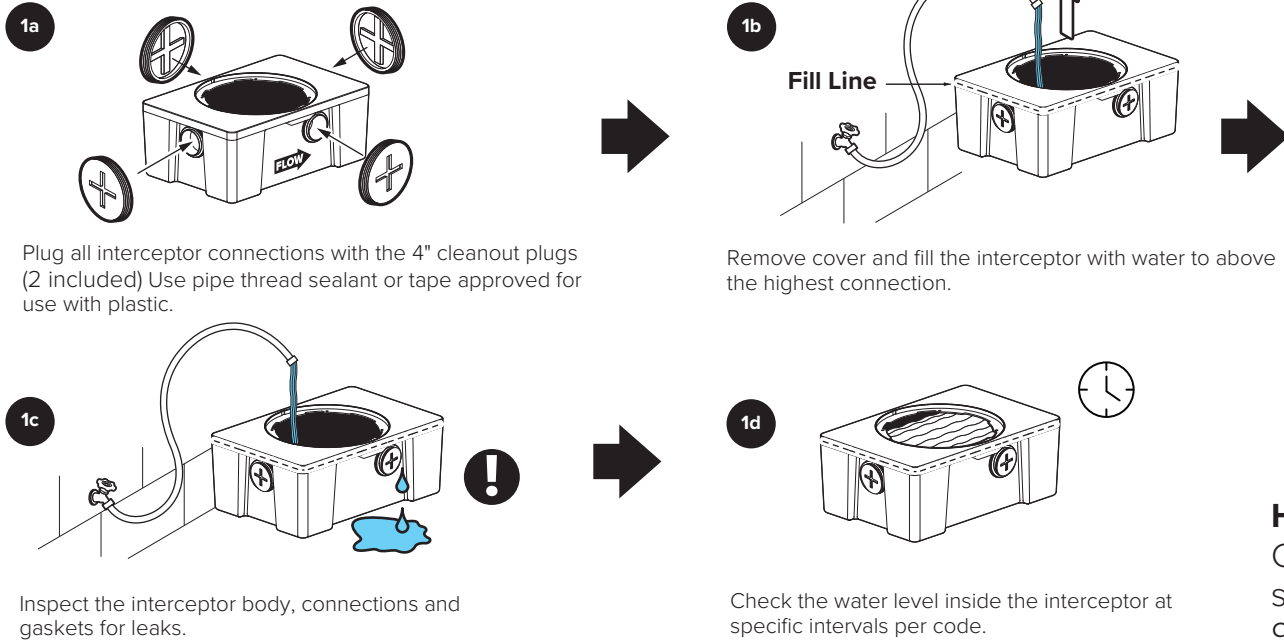


GETTING TO KNOW THE GB2



- | | | |
|--------------------------------------|--|------------------------------|
| 1. Cover | 8. Bulkhead connection retaining nuts (x4) | 14. Cover bolt (x4) |
| 2. Inlet diffuser cap (white) | 9. Inlet 4" FPT connection | 15. Cover gasket |
| 3. Inlet diffuser (top) | 10. 3" plain end fitting (x2) | 16. Air relief/visual access |
| 4. Diffuser retaining nut (x2) | 11. 4" plain end fitting (x2) | 17. Outlet 4" FPT connection |
| 5. 4" cleanout plugs (x2) | 12. Diffuser foot retaining nut (x2) | 18. Outlet diffuser (top) |
| 6. Optional side outlets 4" FPT (x2) | 13. Inlet diffuser (foot) | 19. Outlet diffuser (foot) |
| 7. Connection fitting gaskets (x4) | | |

1 Test Tank for Water Tightness



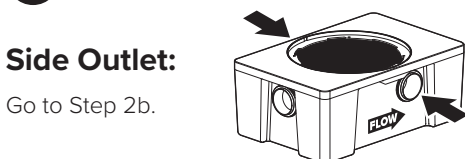
Have a Leak?
Call customer support at 913-951-3300

2 Configure Outlet Diffuser

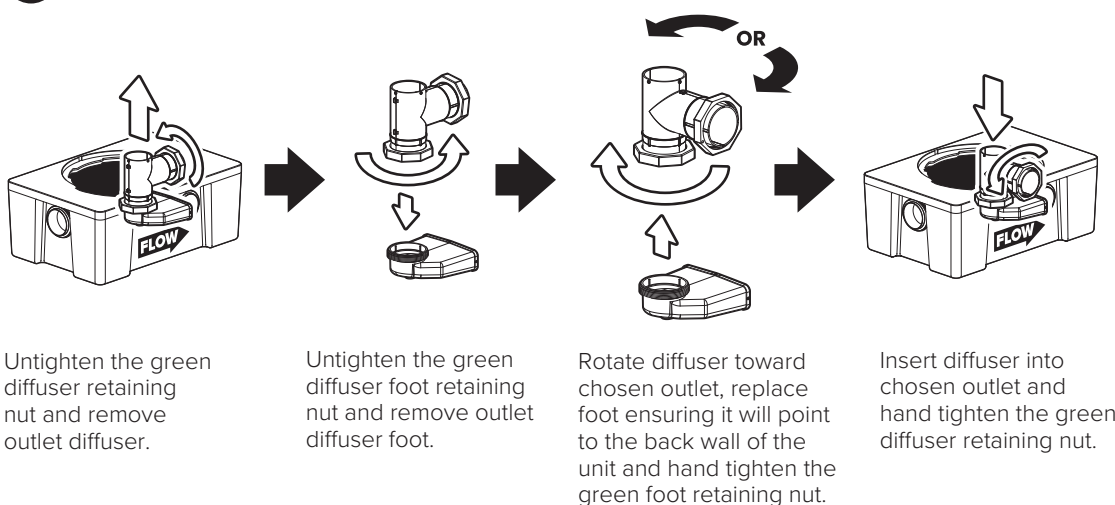
The GB2 is manufactured with three outlets. Only one outlet will be connected to the drainline and the other two must be plugged with the 4" cleanout plugs provided. The outlet diffuser comes pre-installed on the straight through end wall outlet connection.

If the straight through outlet connection will be used, **go to Step 2c.**

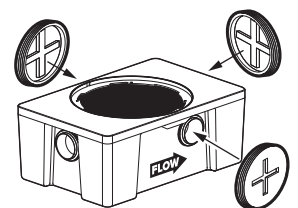
2a Choose the appropriate side outlet location



2b Reposition outlet diffuser from the straight through outlet to the chosen side outlet



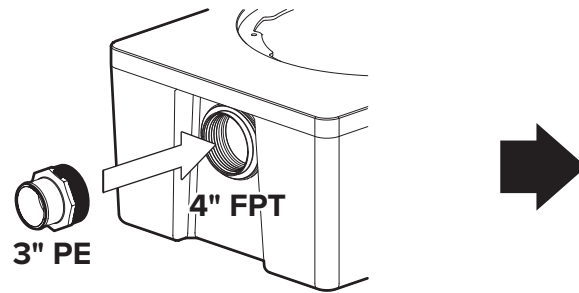
2c Cap unused connections (all configurations)



Plug the remaining two unused outlet connections with the 4" cleanout plugs provided using thread sealant or tape approved for use with plastics. **Do not plug the inlet or outlet connections with diffusers.**

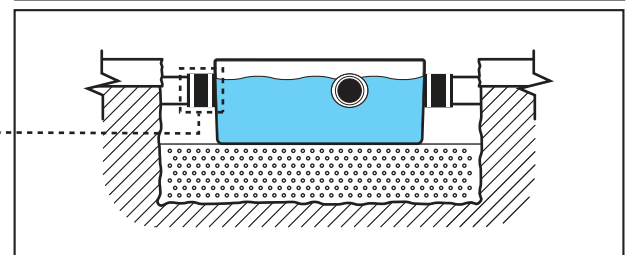
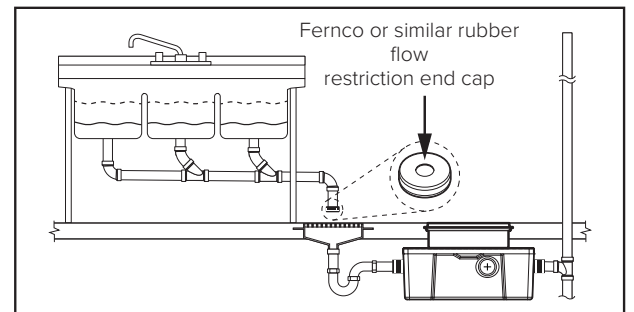
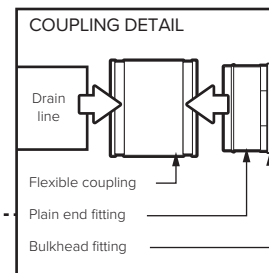
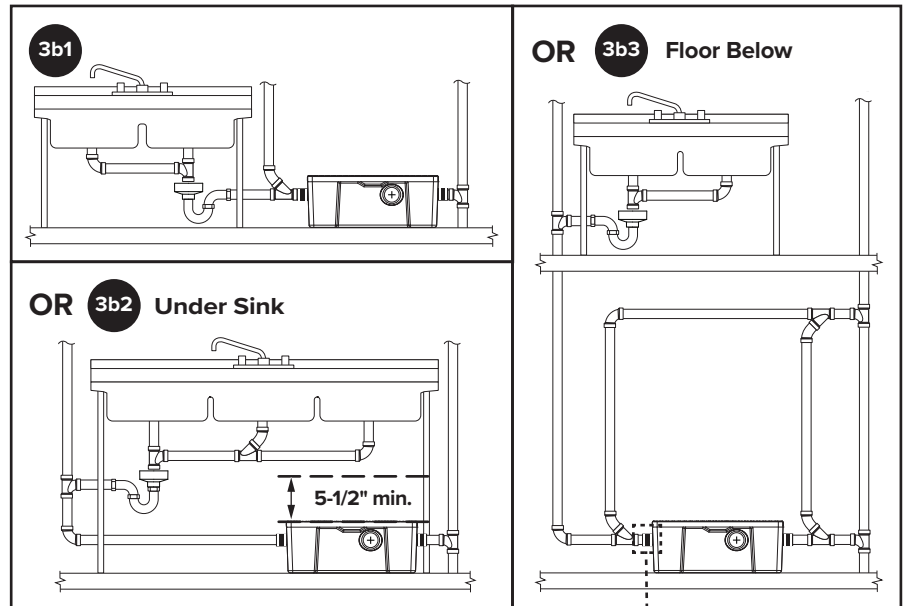
3 Connect Piping to Interceptor

- 3a** Screw plain end fittings (2 - 4" MPT x 3" plain end fittings provided) into the inlet and outlet bulkhead fittings on the interceptor using pipe thread sealant or tape approved for use with plastics.



- 3b** Place the interceptor on a solid, level surface in contact with the entire bottom footprint. Mechanically couple the inlet and outlet fittings to the drainline using a flexible coupler. **Do not glue or solvent weld.**

Notes: Ensure all upstream fixtures are trapped. Vent the drainline per local code. The installation of 2-way cleanout tees to grade is recommended for buried installations.



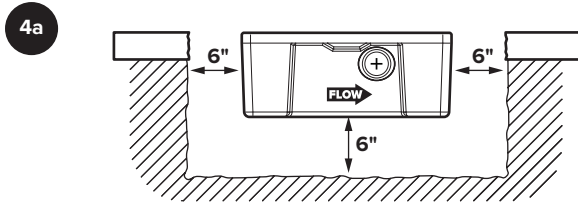
3b4 Floor Sink Installation **ONLY**

If your dishwashing sink(s) discharges into a floor drain/sink (drain), you must regulate the flow into the drain to avoid an overflow of water onto the kitchen floor. This can be done by installing a valve or flow restriction cap on the sink piping that discharges into the drain.

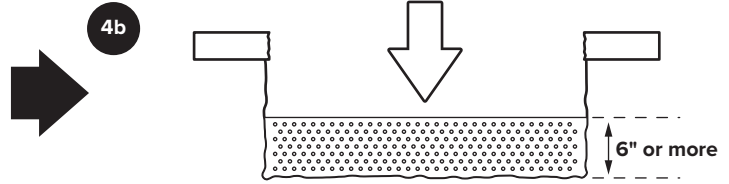
- 3b5** Place the interceptor into its final position and set level. Mechanically couple the inlet and outlet fittings to the drainline using a flexible coupler. **Do not glue or solvent weld.**

Notes: Ensure all upstream fixtures are trapped. Vent the drainline per local code. The installation of 2-way cleanout tees to grade is recommended for buried installations.

4 Excavation ONLY



Excavate hole 6" larger than interceptor on all sides.



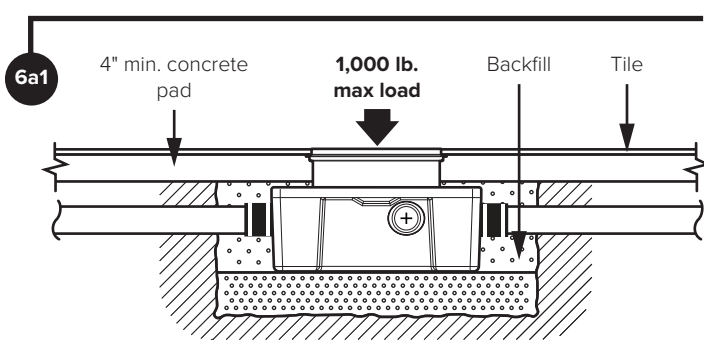
Lay a level layer of well-packed, crushed aggregate at the base of the pit. Base layer material must be clean, crushed stone approximately 1" in size (AASHTO M43 Size #57 or similar) free of debris and fines. **Native soil and sand are not approved backfill materials.**

5 Wet or Air Test Piping Per Local Code

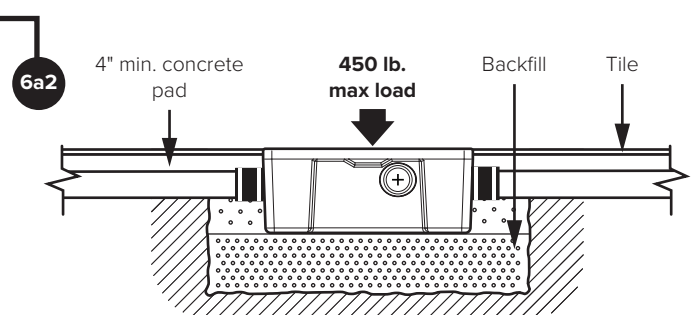
! WARNING! DO NOT AIR TEST UNIT OR RISER SYSTEM!
Doing so may result in property damage, personal injury or death.

Leak? Call customer care at 913-951-3300

6 Backfill and Finished Grade ONLY



Below Grade with Riser (preferred): See instructions included with FCR1 riser. Backfill evenly around the interceptor and risers with clean, crushed stone approximately 1" in size (AASHTO M43 Size #57 or similar) free of debris and fines. **Native soil and sand are not approved backfill materials.** Finish with a minimum 4" thick concrete pad.



Flush-to-Grade Burials: Not recommended for heavy foot traffic areas. Backfill evenly around the interceptor and risers with clean, crushed stone approximately 1" in size (AASHTO M43 Size #57 or similar) free of debris and fines. **Native soil and sand are not approved backfill materials.** Finish with a minimum 4" thick concrete pad.