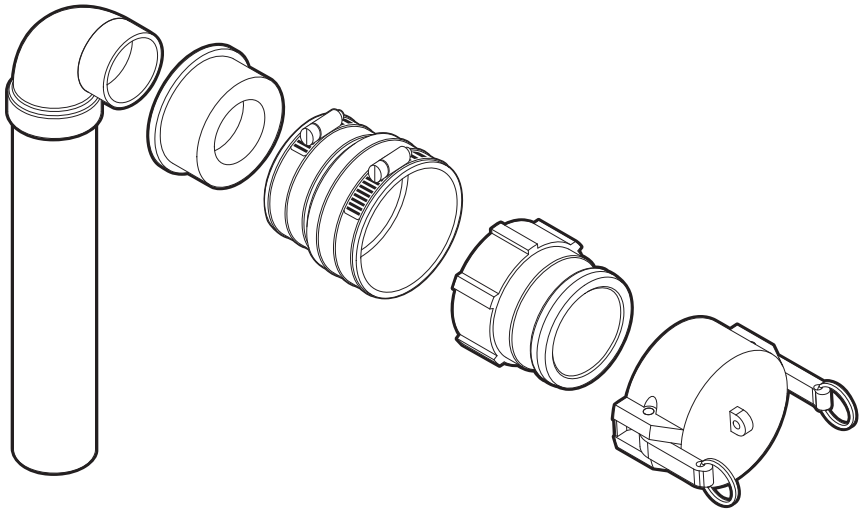
INSTALLATION GUIDE

Model #PP2 Pumpout Port Kit

For Use with Grease Interceptors Models GB-50, GB-75 and GB-250



Contents

Special Precautions 2

Getting to Know the PP2 3

Installation Ideas 4

Installation 5-7

SCHIER

LIFETIME GUARANTEED
GREASE INTERCEPTORS

Part #: 057-1360-02

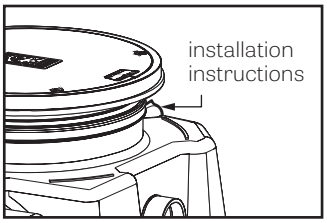
Find these instructions online at: schierproducts.com/pages/pp2

SPECIAL PRECAUTIONS

For All Schier Grease Interceptor Installations - Failure to follow this guidance voids your warranty

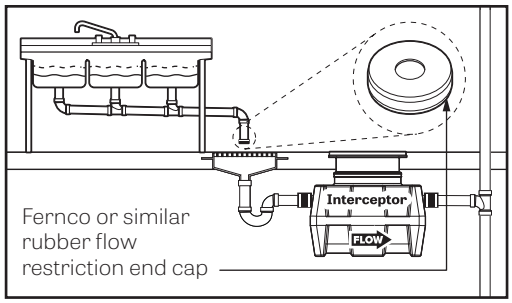
Installation Instructions

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



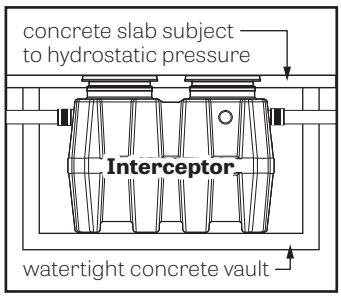
When Installing Interceptor Inside

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. See drawing above for guidance. For detailed guidance on indirect connections, go to: http://webtools.schierproducts.com/Technical_Data/Indirect_Connections.pdf



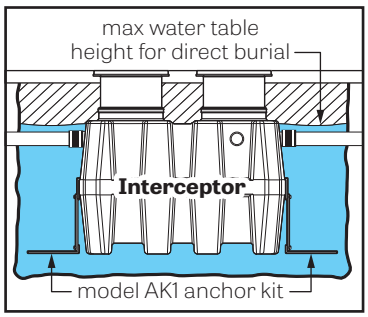
Hydrostatic Slabs (or Pressure Slabs)

When installed under a hydrostatic slab (slab designed to withstand upward lift, usually caused by hydrostatic pressure) interceptor must be enclosed in a watertight concrete vault.



High Water Table Installations

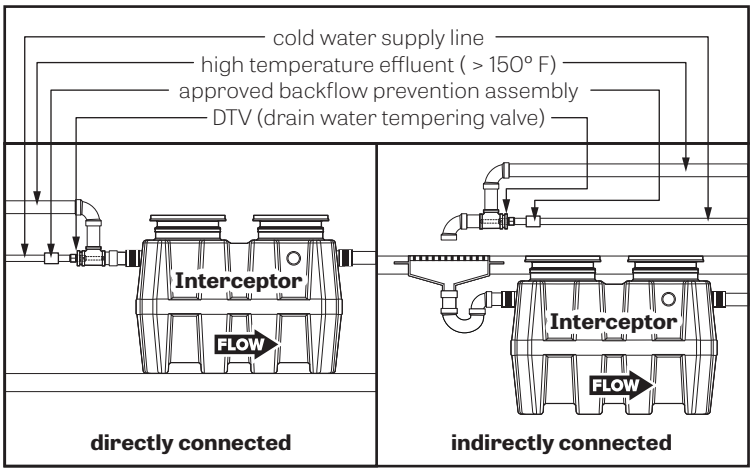
Interceptors and risers are not designed to withstand water table height in excess of the top of the unit when buried (see figure). If it is possible for this to occur, install the interceptor and risers in a water-tight concrete vault or backfill with concrete or flowable fill (wet concrete and flowable backfill should be poured in stages to avoid crushing the interceptor). At risk areas include but are not limited to tidal surge areas, floodplains and areas that receive storm water.



Models GB-50, GB-75, and GB-250 that are direct buried in high water table scenarios must be installed with model AK1 anchor kit.

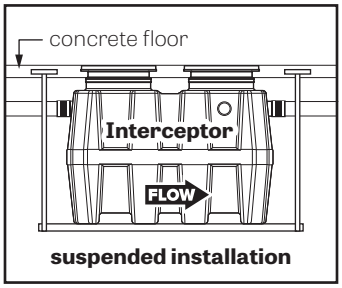
High Temperature Kitchen Water

If water is entering the interceptor at excessive temperature (over 150° F), a drain water tempering valve (DTV) and approved backflow prevention assembly must be installed. Most state and local plumbing codes prohibit water above 150° F being discharged into the sanitary sewer. Water above 150° F will weaken or deform PVC Schedule 40 pipe, poly drainage fixtures like interceptors and erode the coating of cast iron (leading to eventual failure).



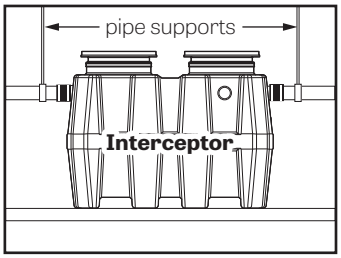
Fully Support Base of Unit

Install unit on solid, level surface in contact with the entire footprint of unit base; for suspended installations design trapeze to support the wet weight of the unit. Do not partially support unit or suspend unit using metal U-channel to create a trapeze

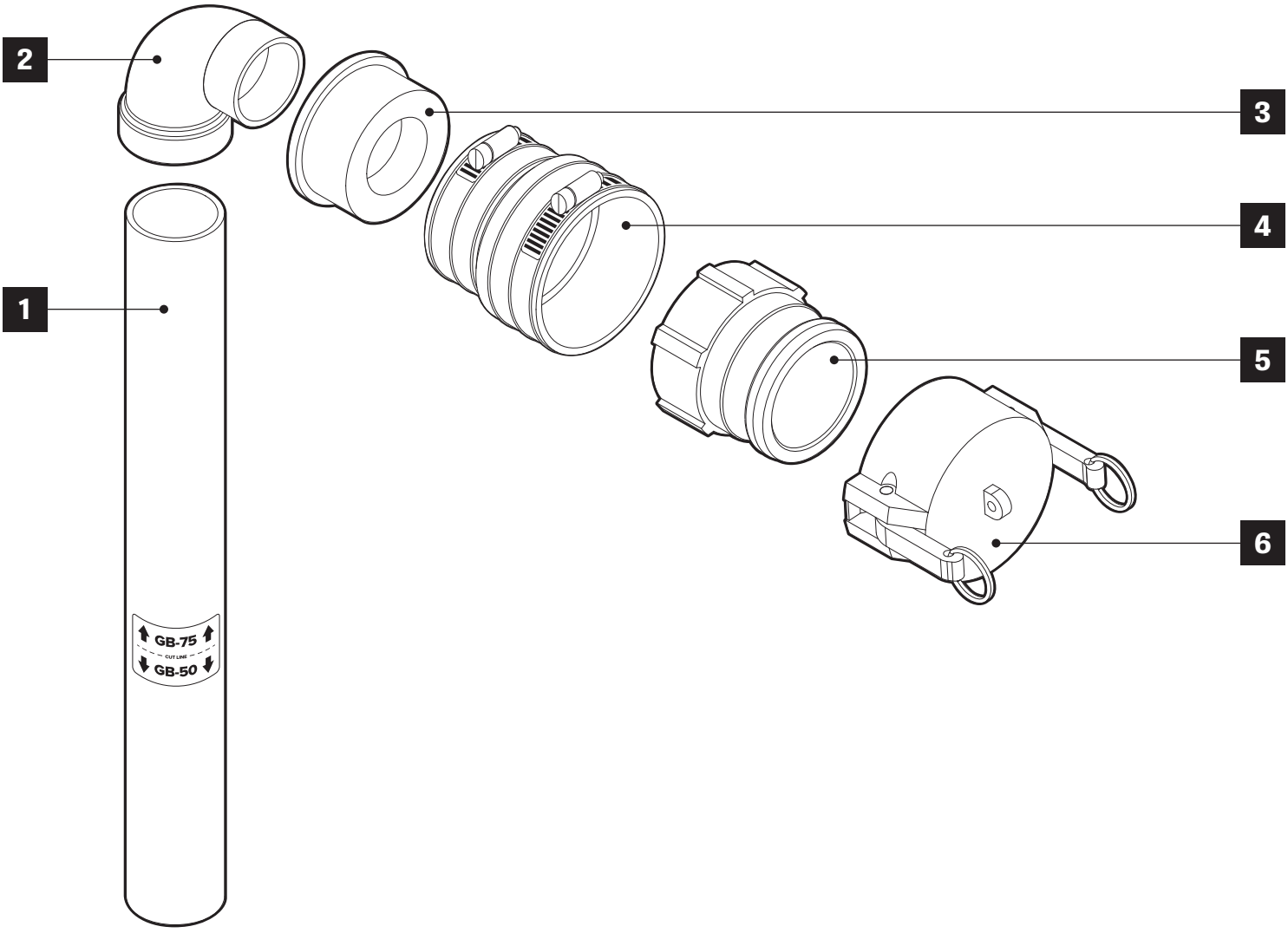


Support Inlet and Outlet Piping

For above grade installations ensure heavy inlet and outlet piping (such as cast iron or long runs) is properly supported or suspended during the entire installation process to prevent connection failure or damage to bulkhead fittings.



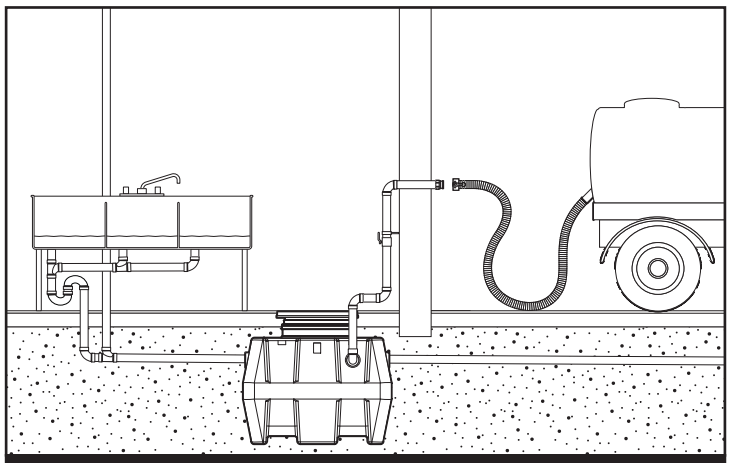
GETTING TO KNOW THE PP2



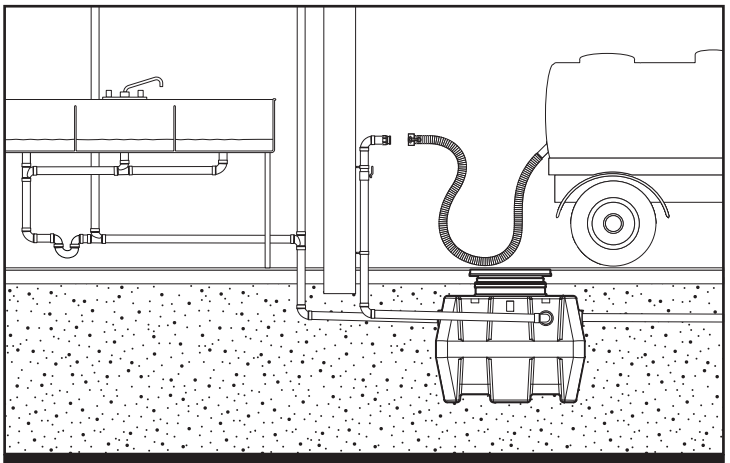
1. Internal 2" PVC Pipe
2. 2" PVC Elbow Fitting
3. 3" x 2" PVC Pumpout Adapter
4. Flexible PVC Reducing Coupling with Stainless Steel Hose Clamps
5. 3" Cam and Groove Fitting
6. 3" Cam and Groove Cap

INSTALLATION IDEAS

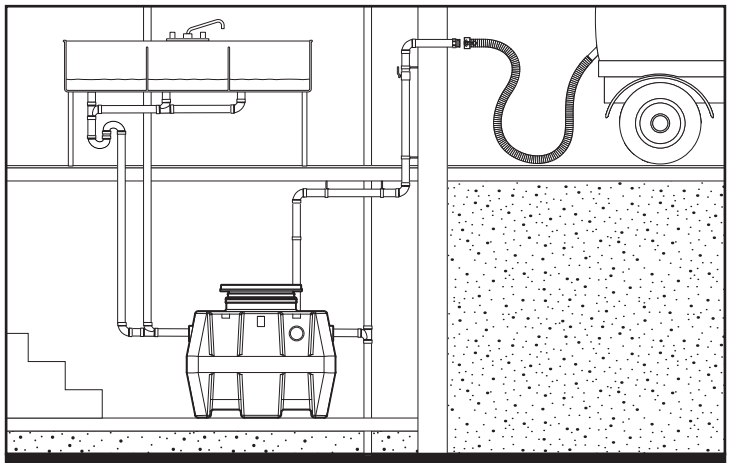
Use the following illustrations for guidance to plan your pumpout port piping layout.



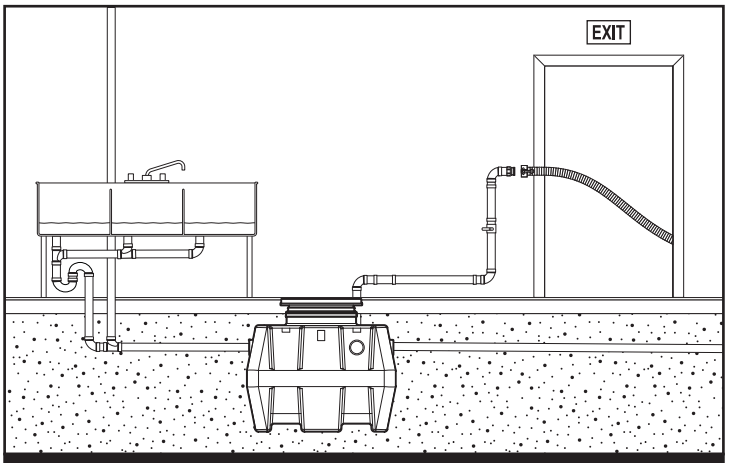
Below Grade Installation with Outdoor Remote Pumpout Hook-up



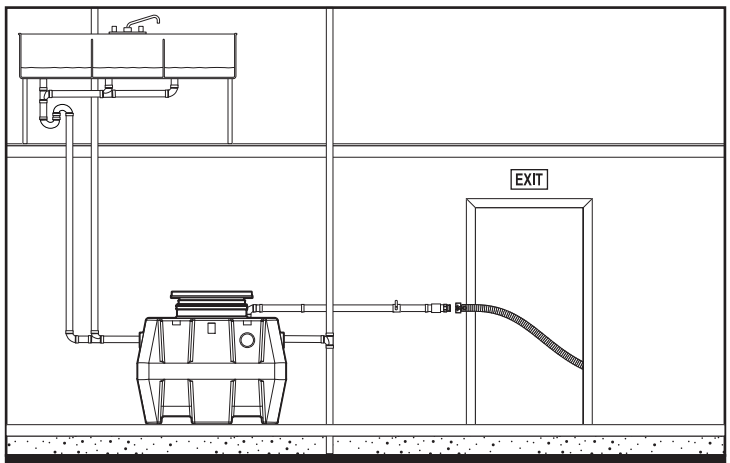
Outdoor Below Grade Installation with Outdoor Remote Pumpout Hook-up



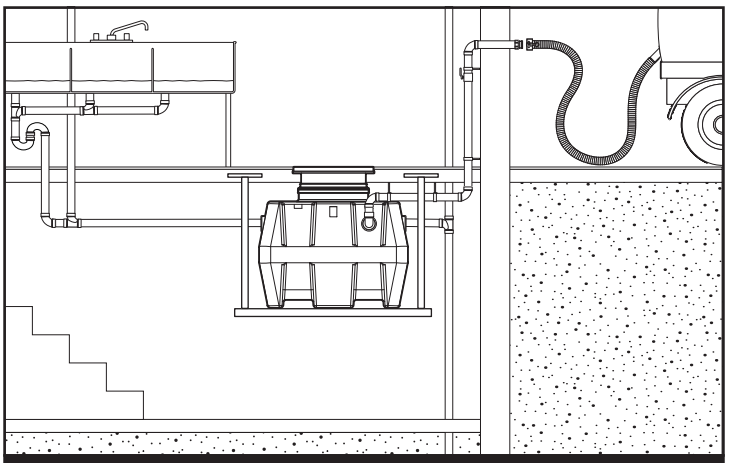
At Grade Basement Installation with Outdoor Remote Pumpout Hook-up



Below Grade Installation with Indoor Remote Pumpout Hook-up

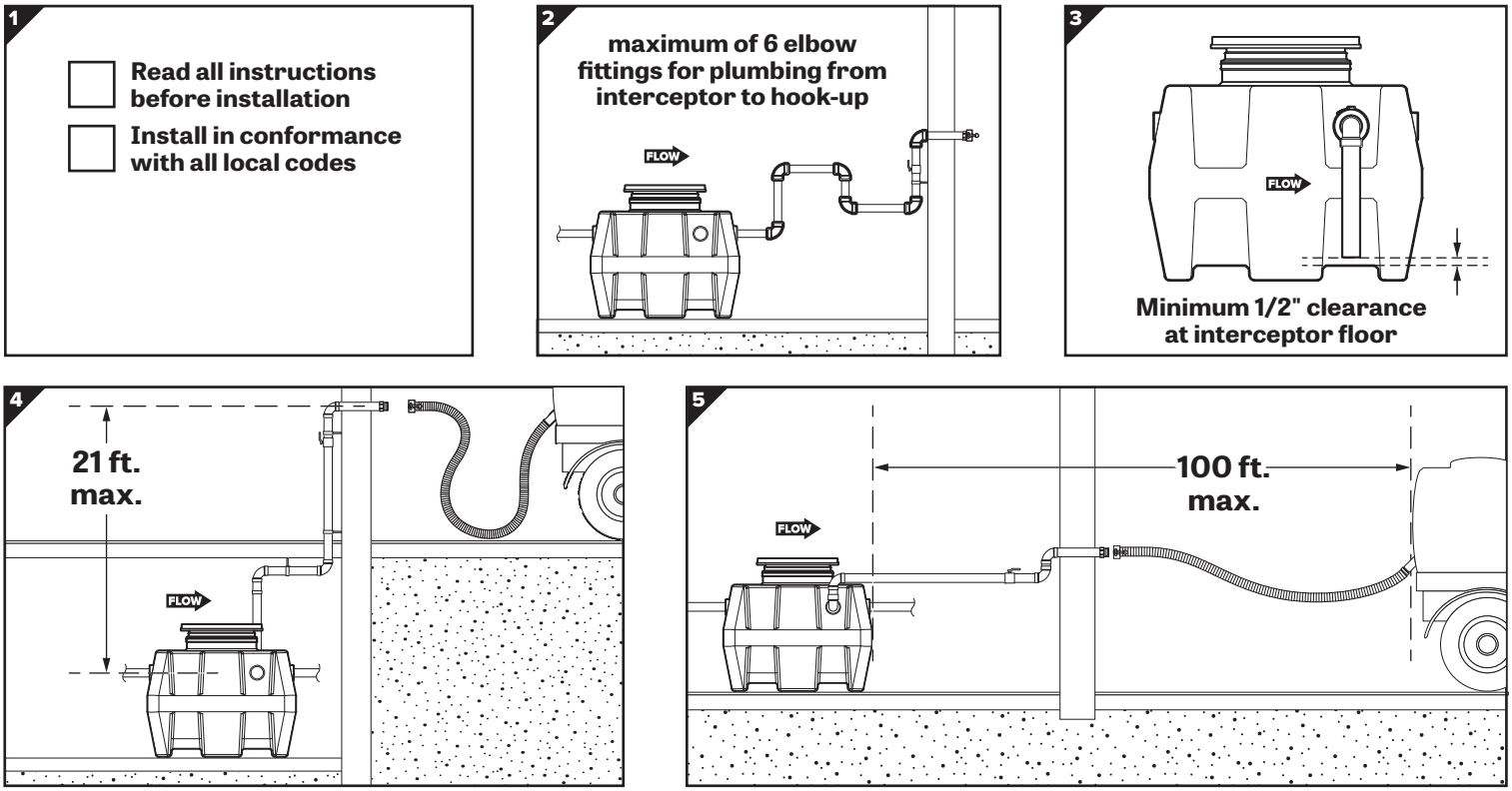


At Grade Floor Below Installation with Indoor Remote Pumpout Hook-up



Recessed and Suspended Installation with Outdoor Remote Pumpout Hook-up

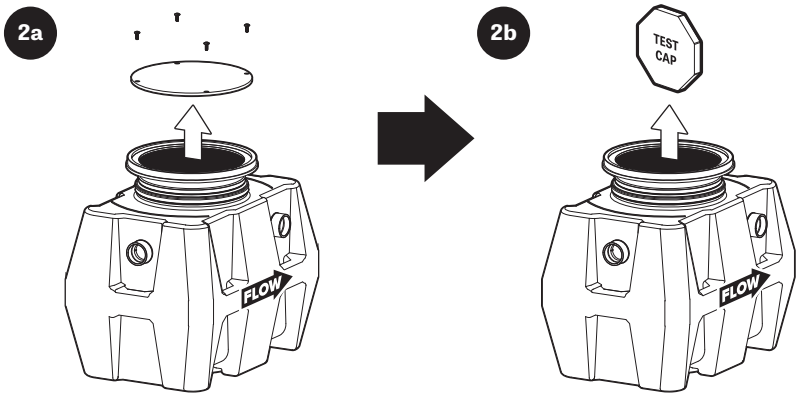
Special Precautions



1 Plan pumpout plumbing

See **"INSTALLATION IDEAS"** for guidance. Choose an unused outlet on the interceptor to convert into a pumpout port and choose a location for the pumpout hook-up. **NOTE:** This kit does not include the plumbing from the interceptor to the hook-up location. You will need to plan out the pumpout plumbing based on site conditions and local codes and provide all additional piping, valves, connections and hardware needed to complete this installation.

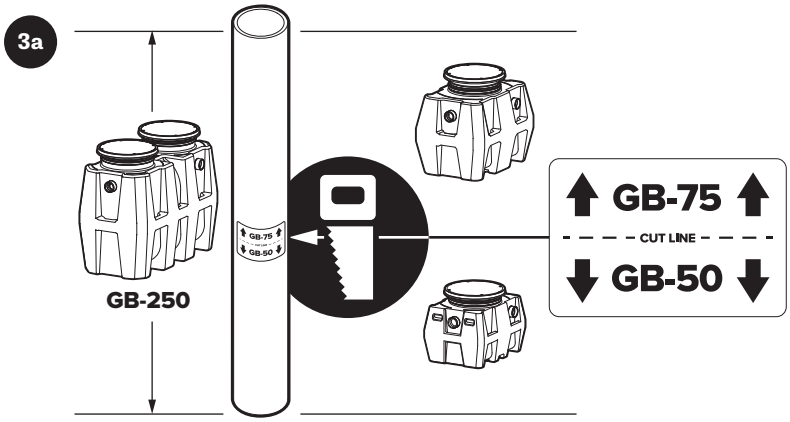
2 Prepare interceptor for pumpout port installation



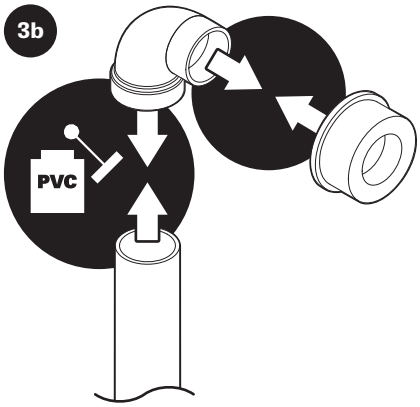
Remove cover bolts, then remove cover.

Remove preinstalled test/sealing cap from outlet chosen to become a pumpout port.

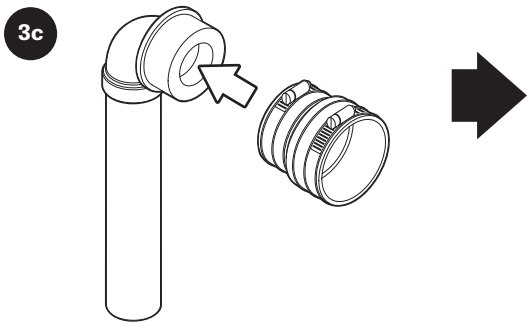
3 Assemble Internal Pipe Assembly



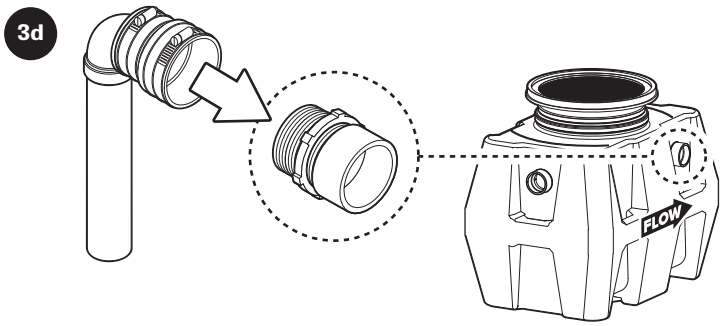
For GB-50 or GB-75, cut internal pipe at premarked location and keep the section marked for intended unit. For GB-250, use entire length of supplied pipe.



Use PVC primer/cement to assemble internal vertical pipe, elbow and pumpout adapter.

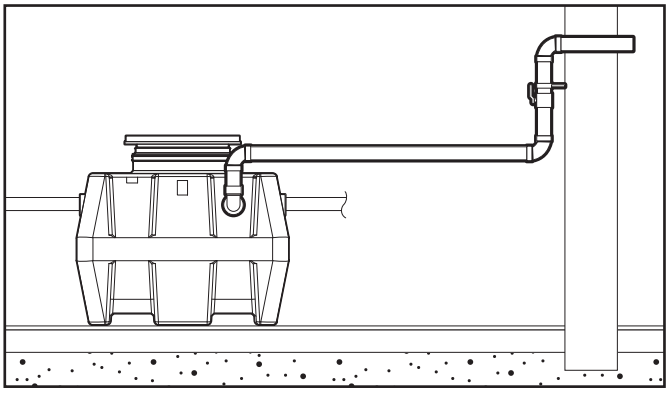


Loosen, but do not remove the flexible coupling clamps. Slide small end of coupling onto pumpout adapter and tighten clamp.



Slide internal pipe assembly onto desired internal connection stub. Ensure piping assembly is pointed down (as shown) and there is at least 1/2" of clearance between the pipe and floor of unit. Securely tighten flexible coupling clamps.

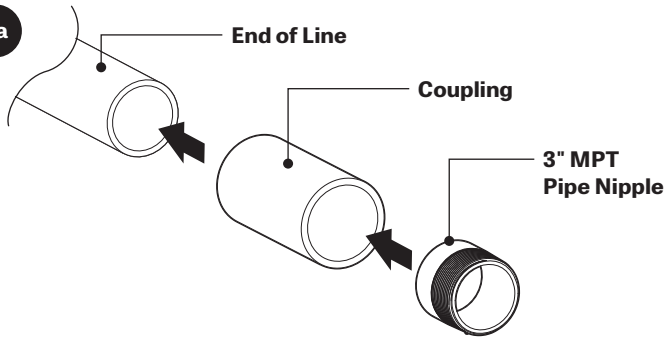
4 Connect External Piping



Install 3" or 2" PVC piping, connections, valves and/or hardware from the interceptor pumpout port to pumpout hook-up location **(Not included with this kit).** Maximum quantity of 6 elbow fittings. Max. height from static water line of interceptor to hook-up is 21 feet. Max horizontal distance from interceptor to pumper truck (including hose) is 100 feet.

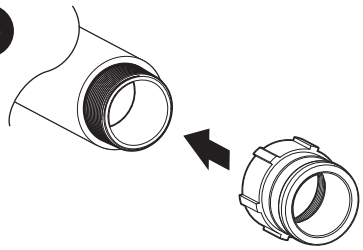
5 Connect Pumpout Hook-up

5a



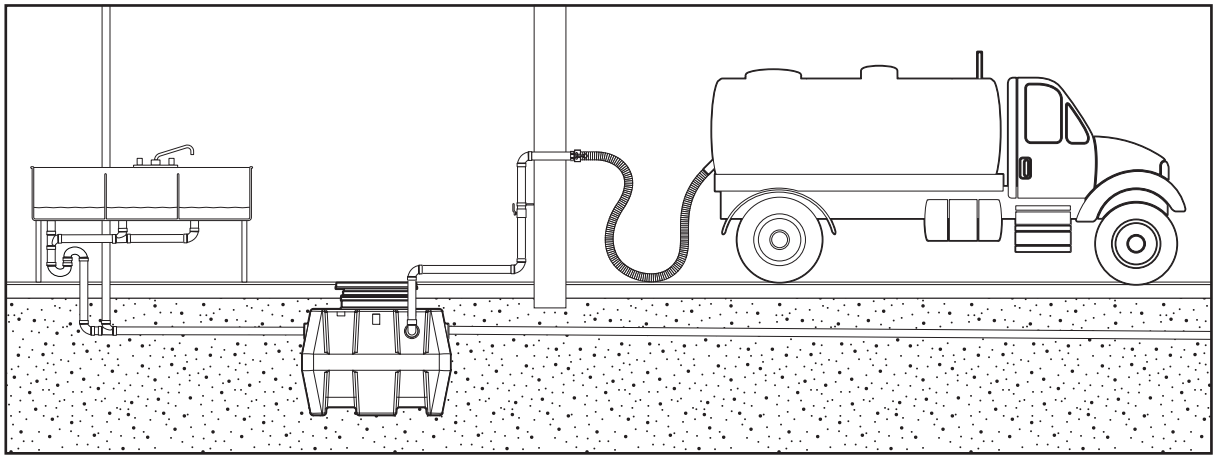
At the end of the pumpout plumbing line, install a 3" MPT pipe nipple **(Not included with this kit)** using a coupling of your choice.

5b



Securely attach supplied 3" Cam and Groove Fitting to pipe nipple using pipe thread sealant or tape.

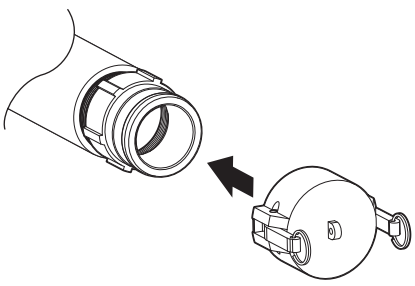
6 Test Pumpout Port



Run Sinks to ensure interceptor is full of water. Attach pumper hose to 3" cam and groove fitting. Turn on pump, make sure interceptor is pumped out and inspect pumpout plumbing for leaks.

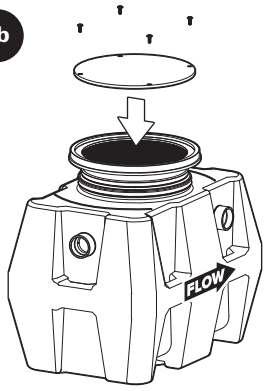
7 Cap off hookup and re-assemble interceptor

7a



Install Cam and Groove Cap at hookup

7b



Replace cover and cover bolts, tightening securely.