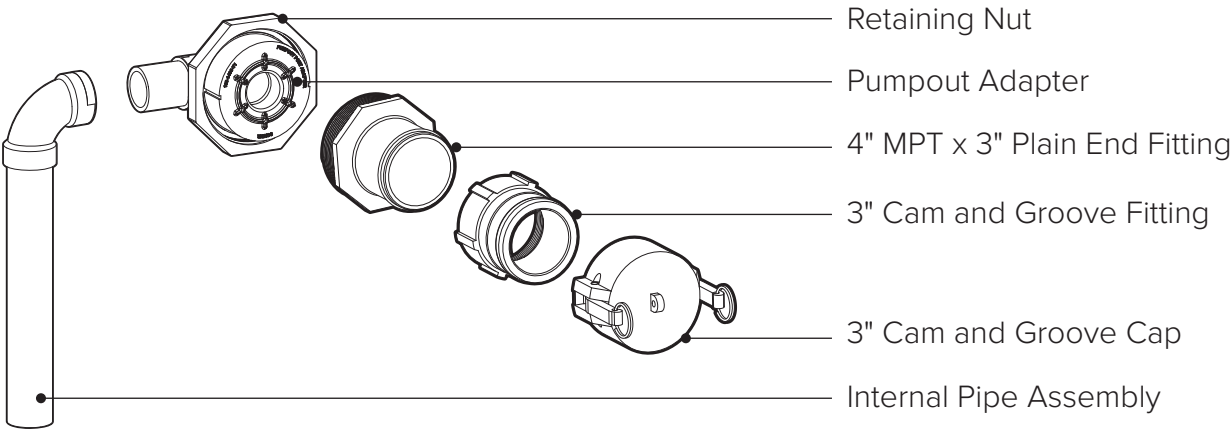


# SPECIFICATION AND INSTALLATION GUIDE

## PP1

Pumpout Port Kit for use with Grease Interceptors Models GB1, GB2 and GB3



### Contents

Specifications .....	1
Special Precautions .....	2
Getting to Know the PP1 .....	3
Installation Ideas .....	4
Installation .....	5-7

### Notes

- 1. Additional plumbing fitting(s) required to complete kit installation. Fitting(s) determined by unit outlet configuration.
- 2. Unit weight: 5 lbs.

### Engineer Specification Guide:

Pumpout port kit to consist of internal PVC 3" piping, injection molded PVC internal fitting adapter, injection molded polypropylene retaining nut, injection molded polypropylene 4" MPT x 3" plain end fitting and standard 3" cam and groove fitting (for pumper hook-up).

### Installation Notes

- 1. Maximum vertical distance from static water line of grease interceptor to pumpout port hook-up shall not exceed 21 feet.
- 2. Maximum horizontal distance from grease interceptor to pumpout truck (including pumper hose) shall not exceed 100 feet.
- 3. Plumbing from interceptor to hook-up to have a maximum quantity of 6 elbow fittings.



SCHIER

MODEL NUMBER:  
PP1

PART #: 8400-011-02

DESCRIPTION: Pumpout Port Kit

DATE: 01/01/2023

REV:

ECO:



## SPECIAL PRECAUTIONS

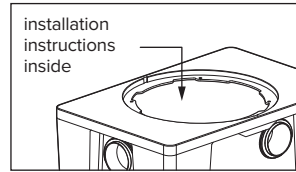
For Schier Grease Interceptor Installations - Failure to follow this guidance voids your warranty

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

**⚠ CAUTION!** Do not install this unit in any manner except as described in these instructions.

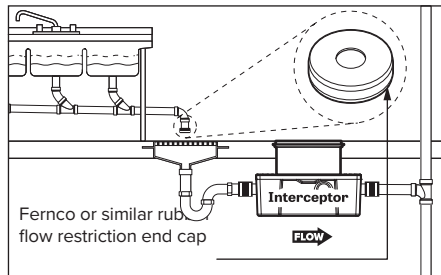
### Installation Instructions

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 for guidance. For detailed

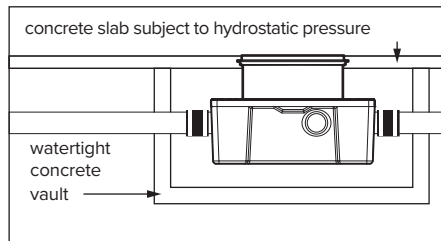


guidance on indirect connections, go to:

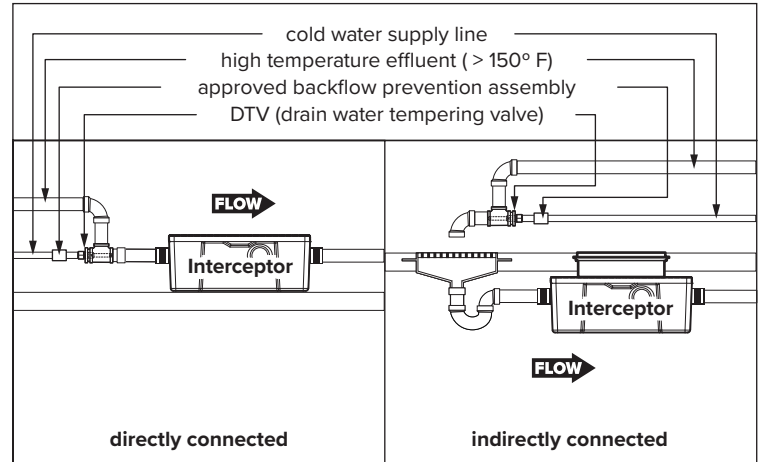
[webtools.schierproducts.com/Technical\\_Data/Indirect\\_Connections.pdf](http://webtools.schierproducts.com/Technical_Data/Indirect_Connections.pdf)

### 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.



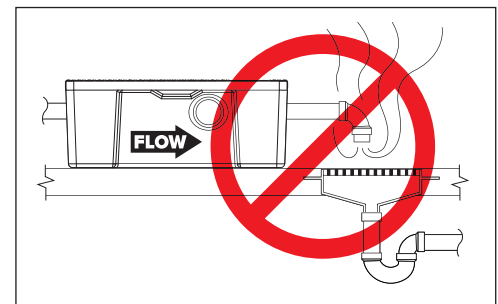
### High Temperature Kitchen Water



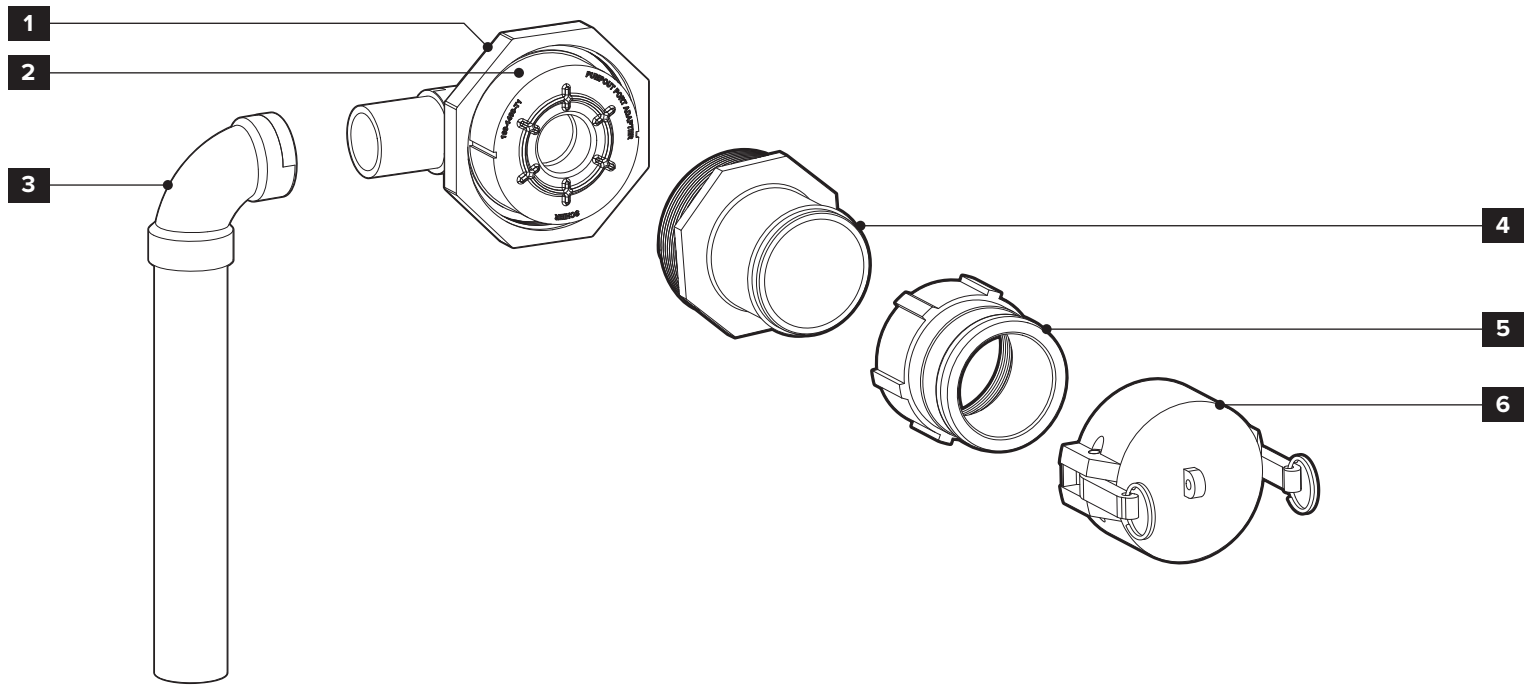
If water is entering the interceptor at excessive temperature (over 150° F), a drain water tempering valve (DTV) and approved backflow prevention assembly must be installed. Most state and local plumbing codes prohibit water above 150° F being discharged into the sanitary sewer. Water above 150° F will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

### ODOR ALERT!

Do not install air gap on outlet side of interceptor.



# GETTING TO KNOW THE PP1

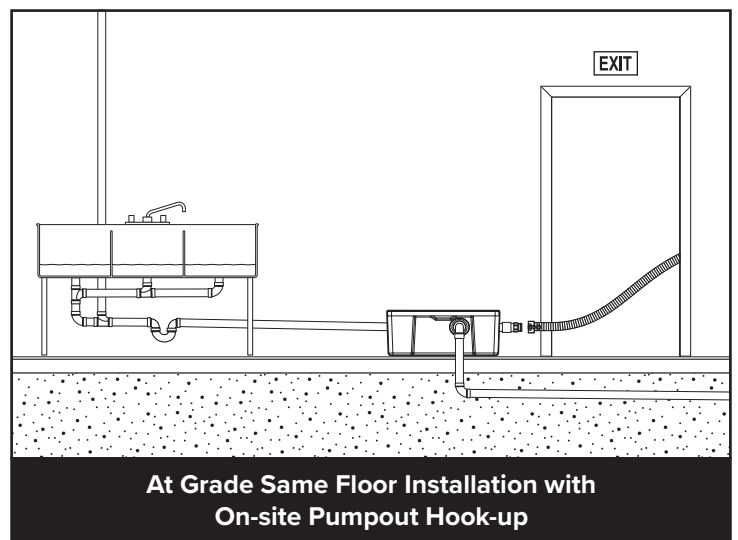
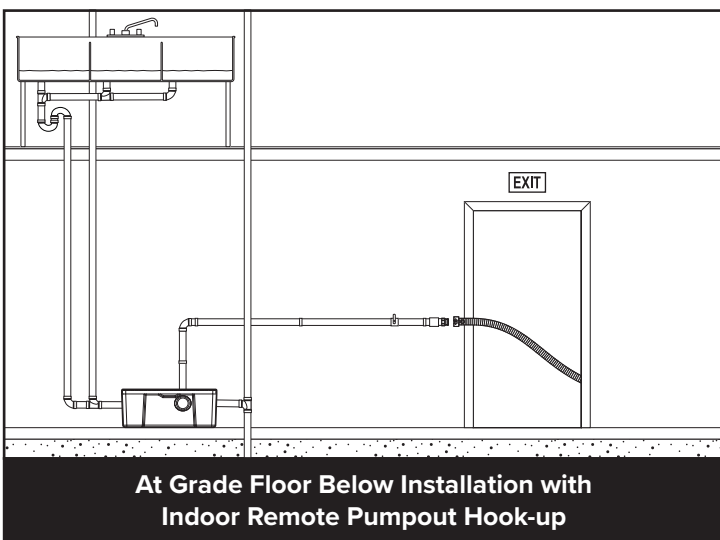
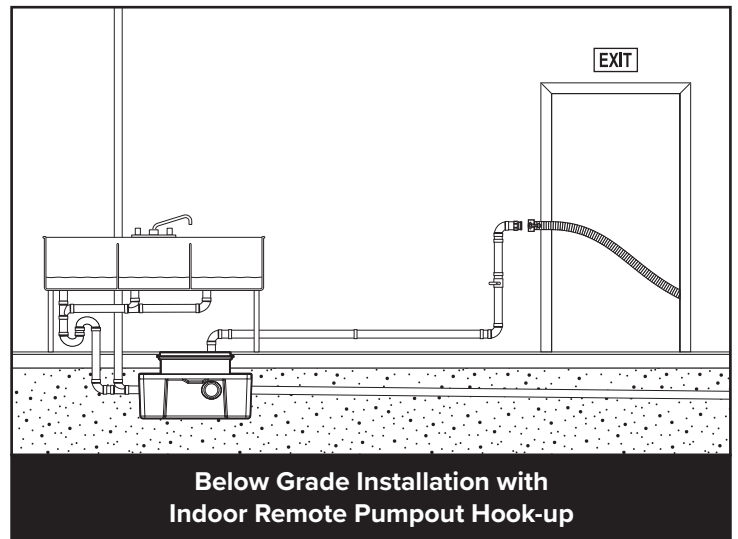
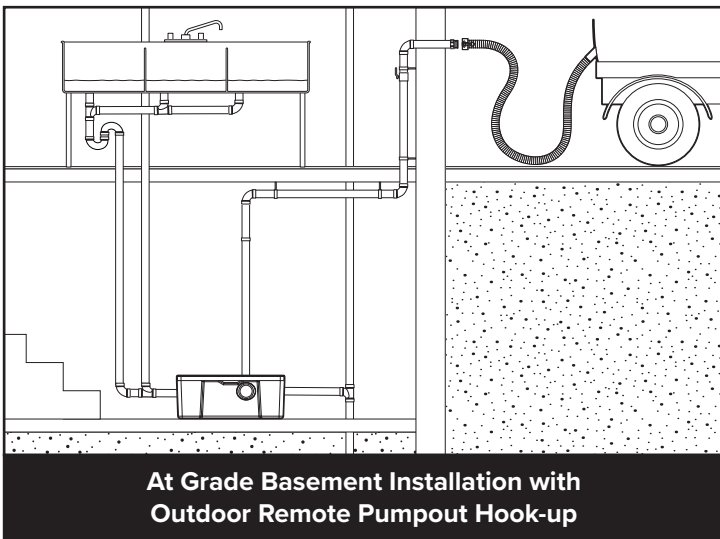
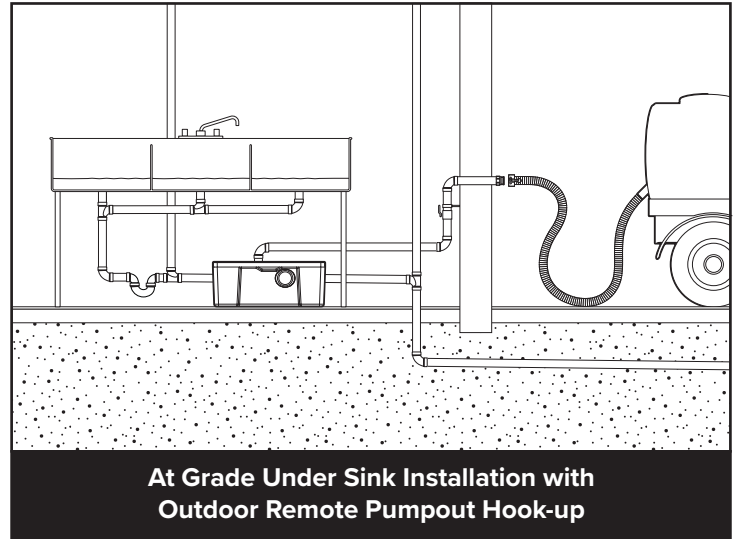
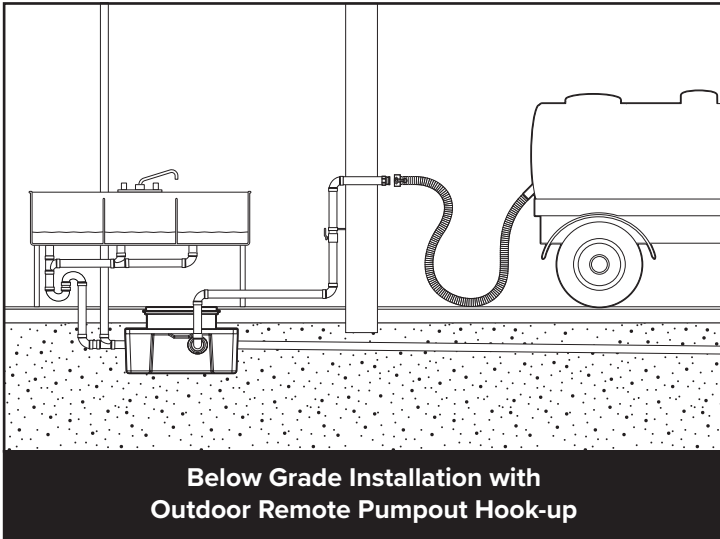


1. Pumpout Adapter Retaining Nut
2. Pumpout Adapter
3. Internal Vertical Pipe Assembly
4. 4" MPT x 3" Plain End Fitting

5. 3" Cam and Groove Fitting
6. 3" Cam and Groove Cap

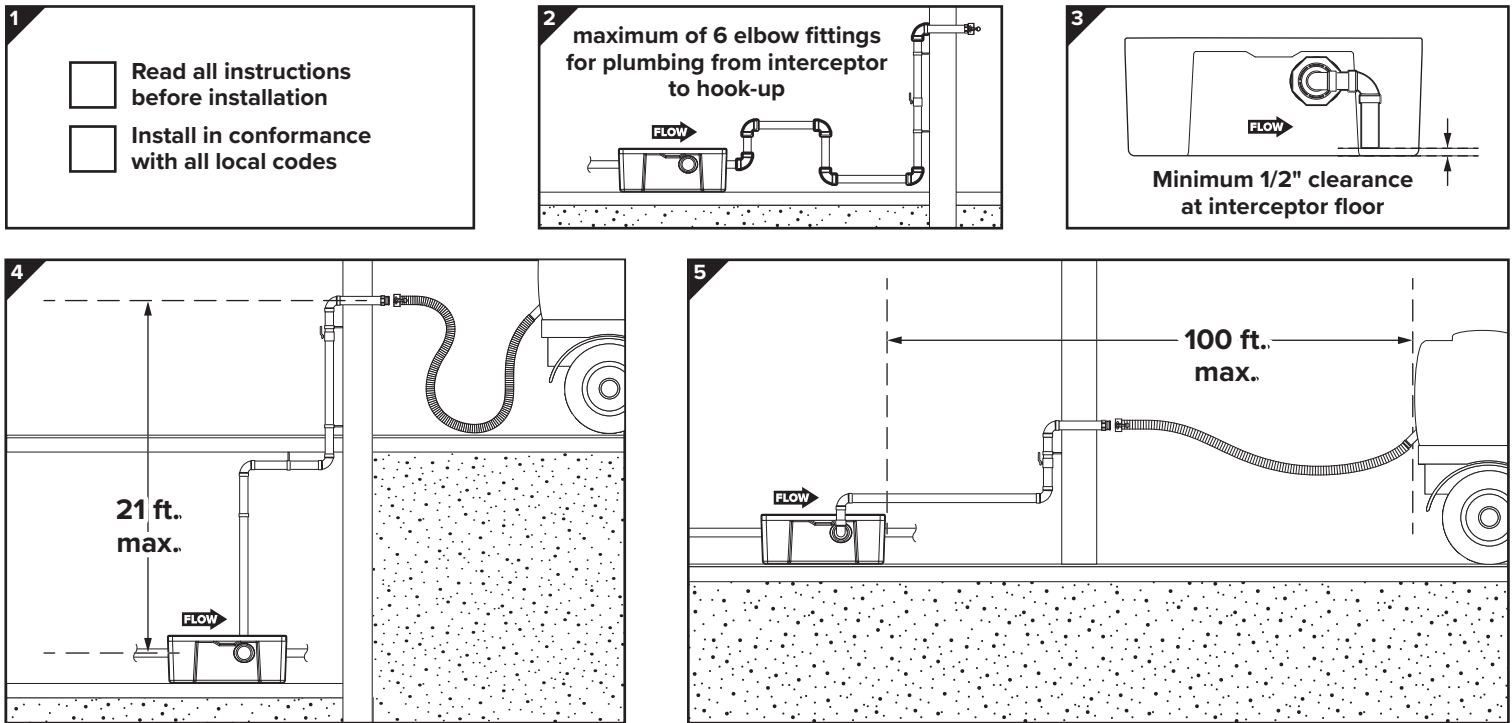
# INSTALLATION IDEAS

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



# INSTALLATION

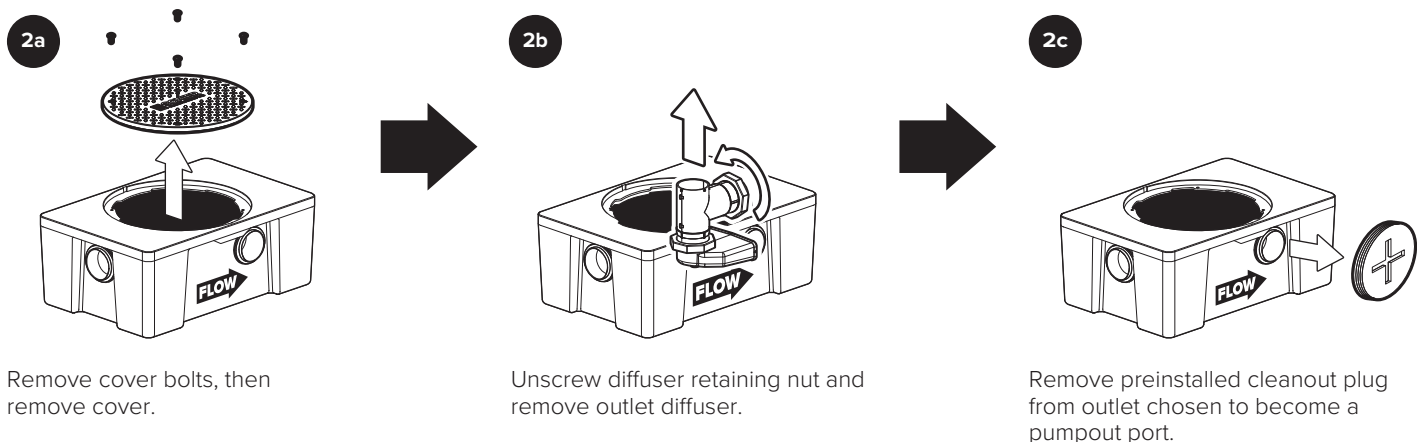
## Special Precautions



## 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.

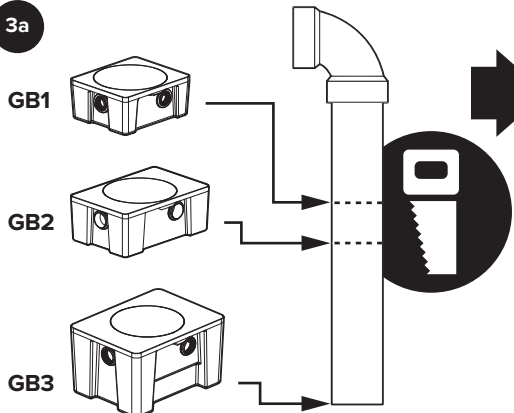
## 2 Prepare interceptor for pumpout port installation



# INSTALLATION

## 3 Assemble Internal Pipe Assembly

**3a**

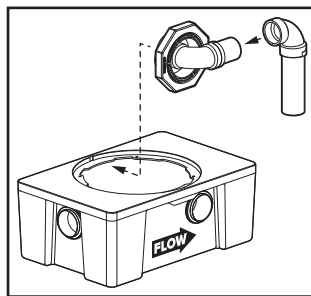


GB1  
GB2  
GB3

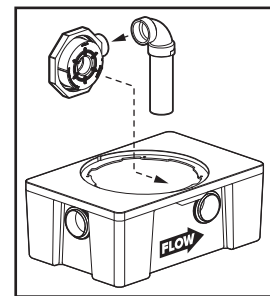
Trim internal vertical piping assembly at premarked location.

**3b**

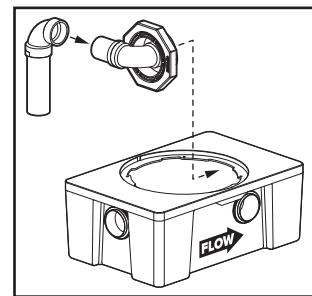
**Left Outlet**



**Right Outlet**

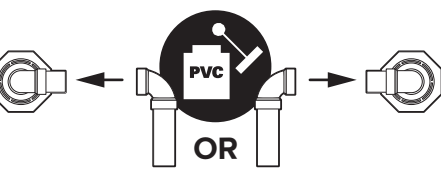


**Straight Through Outlet**



Dry fit pumpout adapter and vertical pipe assembly as shown for chosen port location (Left, Right or Straight Through). Hand tighten into place. Ensure that vertical piping assembly is pointed down (as shown) and ensure that there is at least 1/2" of clearance between the vertical pipe and floor of unit. Remove internal piping assembly for cementing.

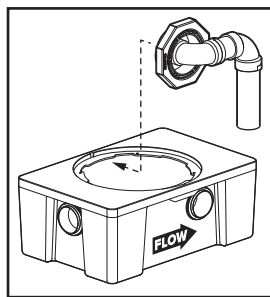
**3c**



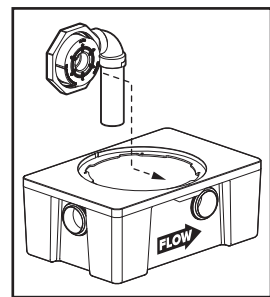
Use PVC primer/cement to secure pumpout adapter to vertical pipe assembly.

**3d**

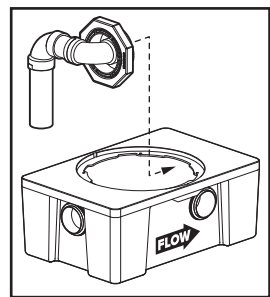
**Left Side**



**Right Side**



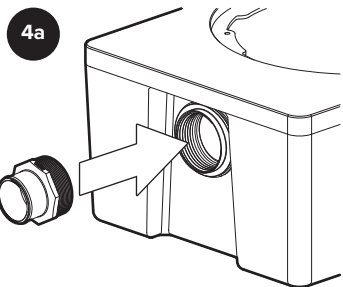
**Straight Through**



Place internal pipe assembly as shown for chosen port location (Left, Right or Straight Through). Securely hand tighten pumpout adapter retaining nut.

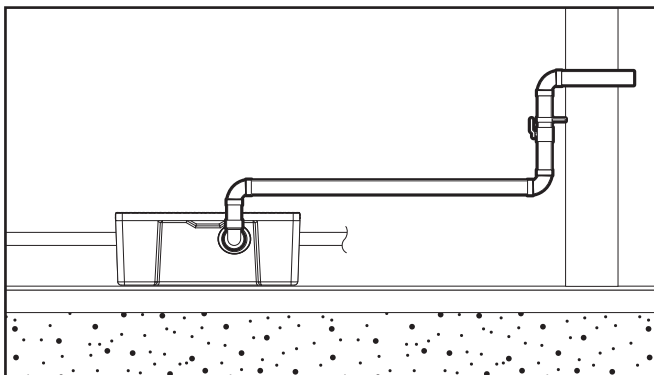
## 4 Connect External Piping

**4a**



Install the supplied 3" plain end fitting at the pumpout port using pipe thread sealant or tape.

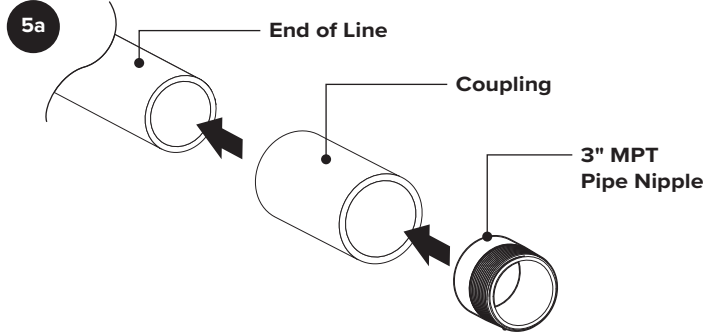
**4b**



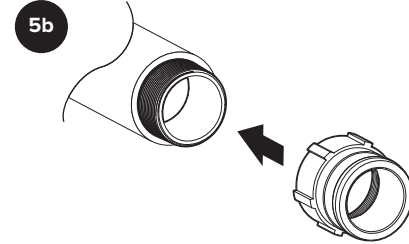
Install 3" or 2" PVC piping, connections, valves and/or hardware from the interceptor pumpout port to pumpout hook-up location (Not included with this kit). Maximum quantity of 6 elbow fittings. Max. height from static water line of interceptor to hook-up is 21 feet. Max horizontal distance from interceptor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

# INSTALLATION

## 5 Connect Pumpout Hook-up

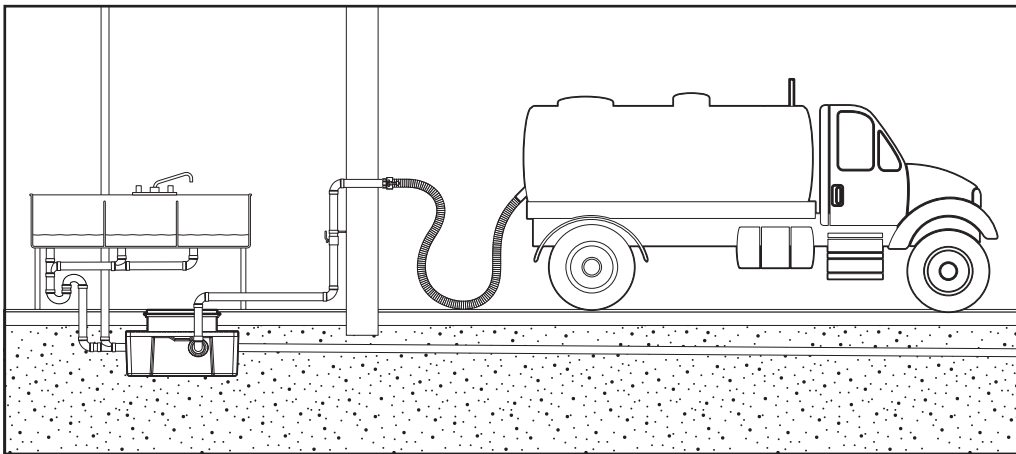


At the end of the pumpout plumbing line, install a 3" MPT pipe nipple (**Not included with this kit**) using a coupling of your choice.



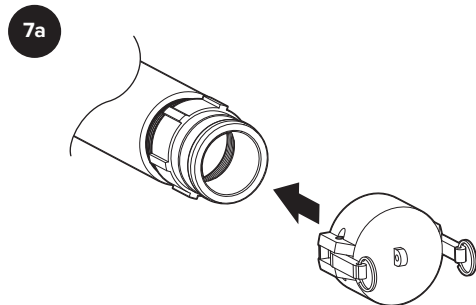
Securely attach supplied 3" Cam and Groove Fitting to pipe nipple using pipe thread sealant or tape.

## 6 Test Pumpout Port

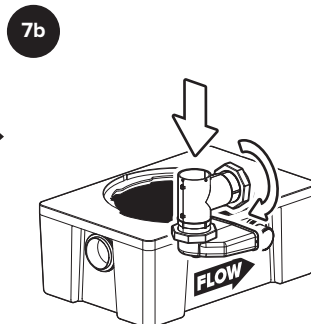


Run Sinks to ensure interceptor is full of water. Attach pumper hose to 3" cam and groove fitting. Turn on pump, make sure interceptor is pumped out and inspect pumpout plumbing for leaks.

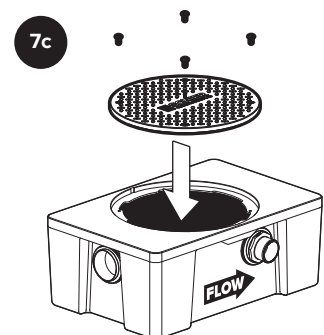
## 7 Cap off hookup and re-assemble interceptor



Install Cam and Groove Cap at hookup



Replace diffuser and hand tighten retaining nut.



Replace cover and cover bolts, tightening securely.