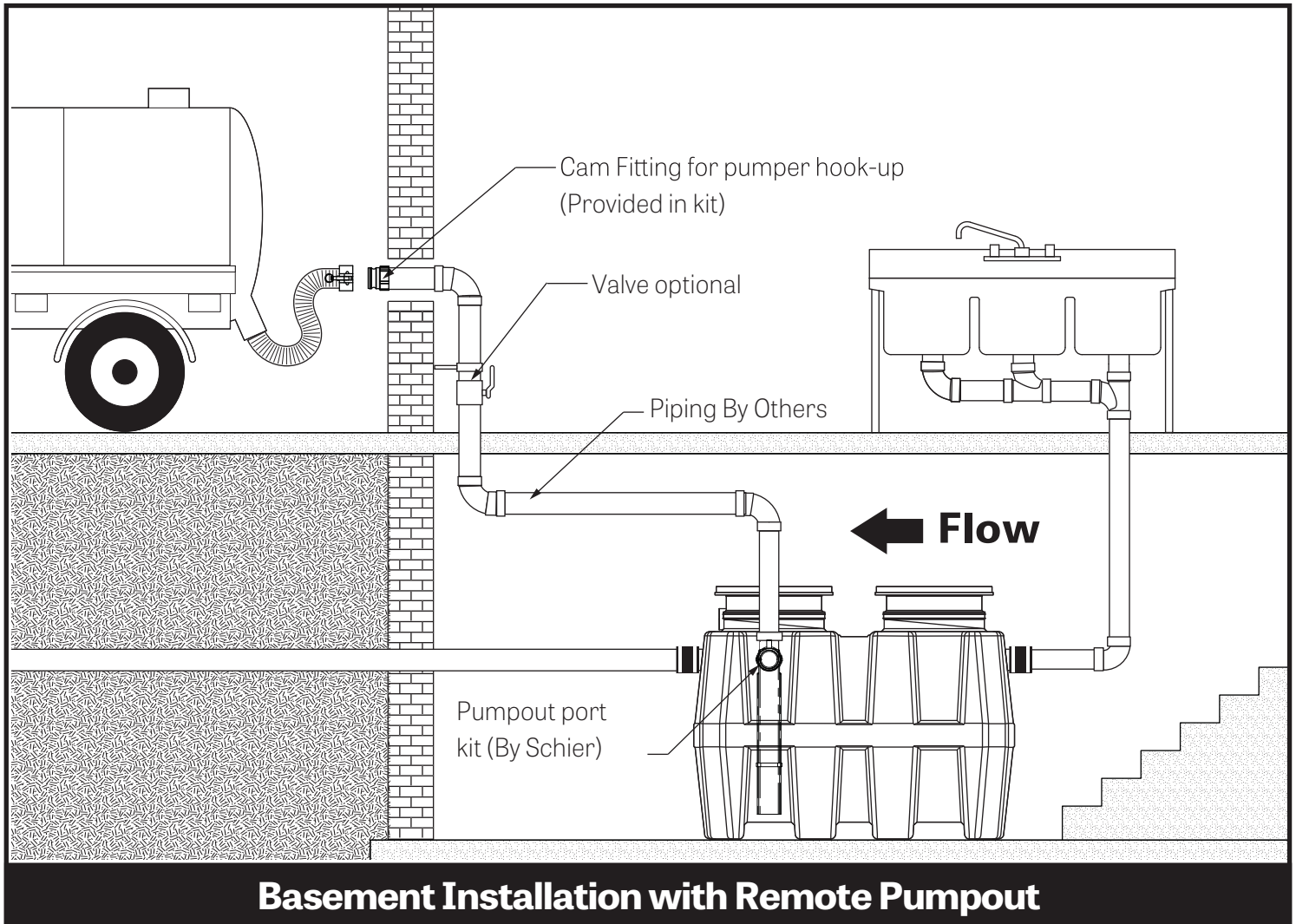


Pumpout Port - Large

Technical Data

Specifications | Special Precautions | Installation



SPECIFICATIONS

NOTES:

1. Kit applicable to Great Basin GB-250 units.
2. Additional plumbing fitting(s) required to complete kit installation. Fitting(s) determined by unit outlet configuration.
3. Standard 3" cam and groove fitting provided in kit for pumper hook-up.
4. Maximum vertical distance from static water line of grease interceptor to pumpout port hook-up shall not exceed 21 feet.
5. Maximum horizontal distance from grease interceptor to pumpout truck (including pumper hose) shall not exceed 100 feet.
6. Plumbing from interceptor to hook-up to have a maximum quantity of 6 elbow fittings.



SCHIER
LIFETIME GUARANTEED
GREASE INTERCEPTORS

MODEL NUMBER:
POP-LRG

DESCRIPTION: Pumpout port kit installation instructions

PART #: 8400-005-02

DWG BY: B. Karrer

DATE: 8/01/2017

REV: 2 8/01/2017

ECO:

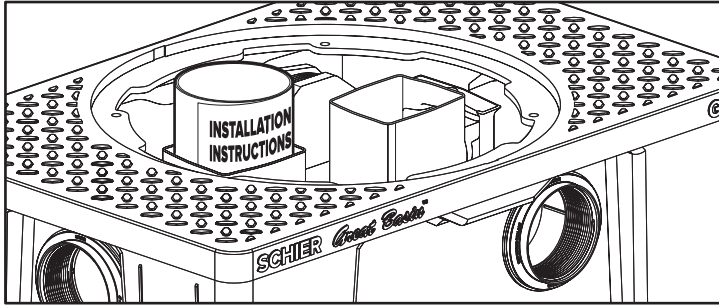


SPECIAL PRECAUTIONS

For All Schier Grease Interceptor Installations

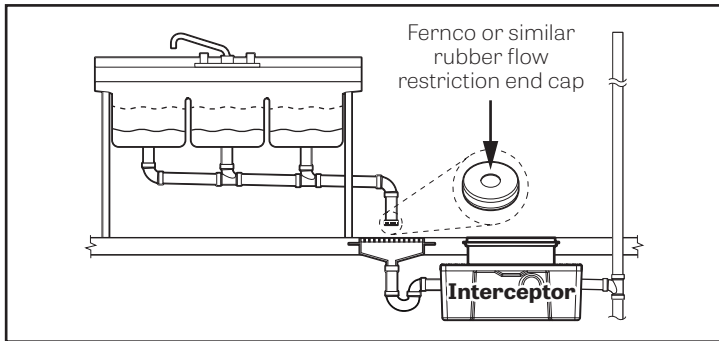
Installation Instructions

Installation instructions and additional components are located inside 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.



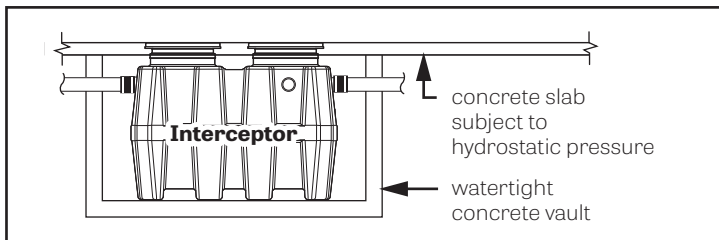
When Installing Interceptor Inside

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



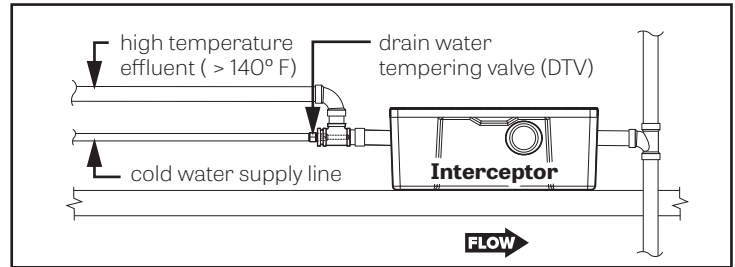
Hydrostatic Slabs (or Pressure Slabs)

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. Failure to follow this guidance voids your warranty.



High Temperature Kitchen Water

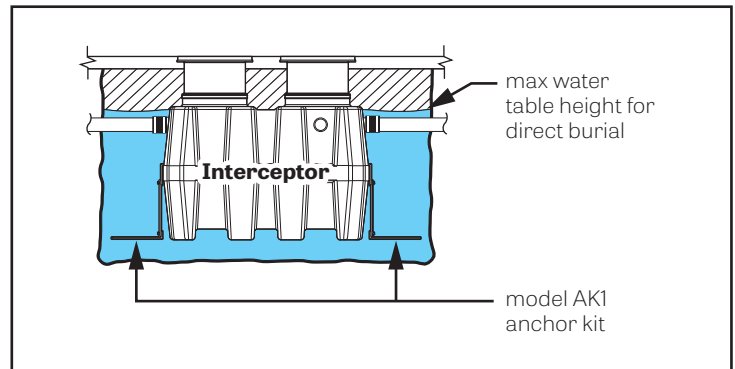
If water is entering the interceptor at excessive temperature (over 140° F), a drain water tempering valve (DTV) must be installed. Most state and local plumbing codes prohibit water above 140° F being discharged into the sanitary sewer. Water above 140° F will weaken or deform PVC Schedule 40 pipe, poly drainage fixtures like interceptors and erode the coating of cast iron (leading to eventual failure). Failure to follow this guidance voids your warranty.



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. Failure to follow this guidance voids your warranty.

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 or warranty is void.



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REV: 2 8/01/2017

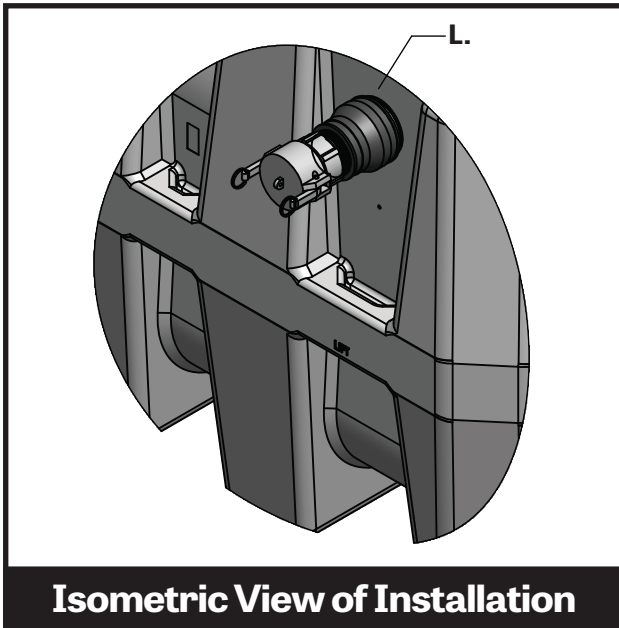
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INSTALLATION

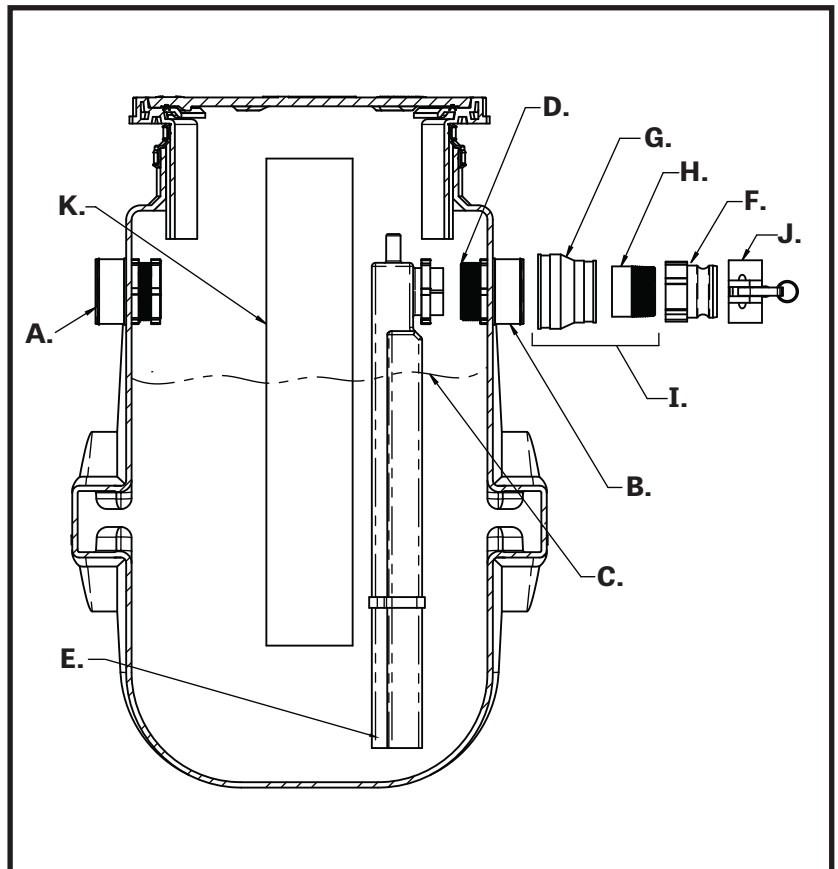
NOTE: Views shown are for typical installation. Some components will vary by installation.

PROCEDURE:

1. Identify unused outlet port to be converted to pumpout port.
2. Open interceptor unit lid. Ensure that level of contents is below bottom of selected outlet port. Pumpout and clean recommended.
3. Remove the corresponding outlet fitting cap.
4. Attach pumpout port diffuser to selected outlet fitting inside of unit. Orient diffuser as shown and push into outlet fitting until a positive stop is achieved.
5. Hand tighten diffuser locking collar.
6. Attach male cam and groove fitting to selected outlet port using either threaded nipple and rubber coupling (not provided) or by other means approved by plumbing code.
 1. It is permissible to remotely install cam and groove fittings.
 2. Ensure that contents of unit will not flow through cam and groove fitting when cam and groove cap is removed.
7. Install cam and groove cap.
8. Apply pumpout label over existing outlet label.



Isometric View of Installation



Kit Installation Details

DESCRIPTION OF COMPONENTS :

- A. Unused outlet port
- B. Existing outlet fitting, may be threaded based upon unit configuration
- C. Drain contents to level below outlet port
- D. Remove internal cap from selected outlet fitting
- E. Pumpout port diffuser (provided by Schier)
- F. 3" male cam and groove fitting (provided by Schier)
- G. Rubber coupling (4X3 shown for typical installation, not provided)
- H. Threaded 3" pipe nipple (not provided)
- I. Use of these components will vary based on unit configuration
- J. 3" cam and groove cap (provided by Schier)
- K. Existing outlet diffuser shown in end of unit position
- L. Apply pumpout label (provided by Schier)



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