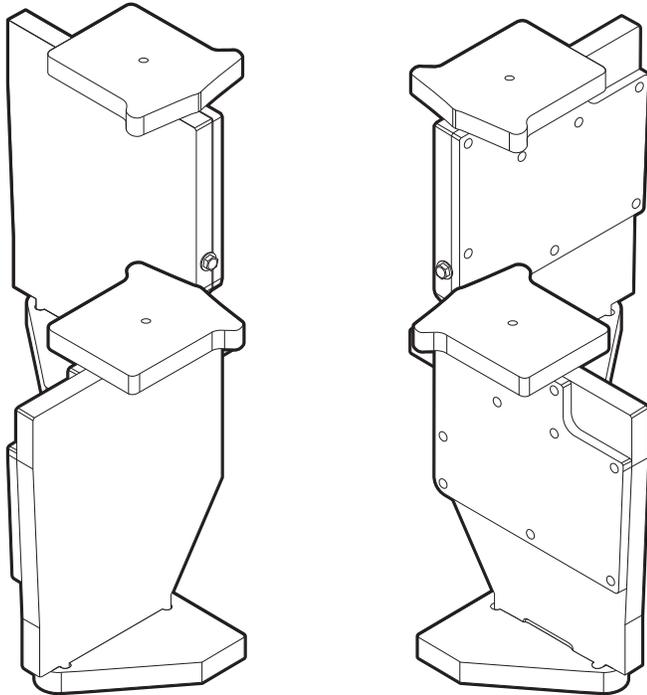


# SPECIFICATION AND INSTALLATION GUIDE

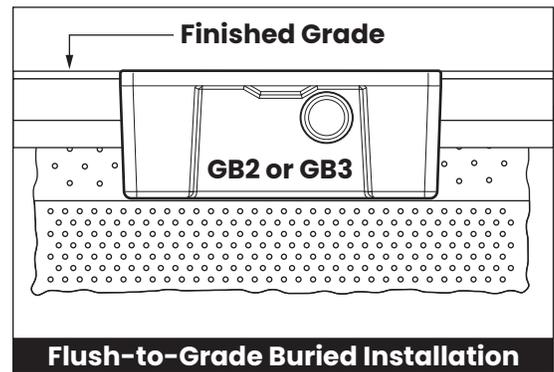
## SGK2 & SGK3

Support Gusset Kits for use with Grease Interceptors Model GB2 (SGK2) and GB3 (SGK3)



### Installation Notes

Support Gusset Kits are recommended for GB2 and GB3 flush-to-grade buried installations subject to heavy foot traffic.



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### Notes

1. Only the SGK2 is shown in these specifications and installation instructions. The SGK3 components look different, but will assemble and install the same way as the SGK2.
2. Unit weight: SGK2 - 18 lbs. / SGK3 - 20 lbs.

### Engineer Specification Guide:

Support Gusset Kits models SGK2 and SGK3 to consist of polyethylene gusset supports with stainless steel fasteners and hardware.



**SCHIER**  
LIFETIME GUARANTEED  
GREASE INTERCEPTORS

9500 Woodend Road | Edwardsville, KS 66111  
Tel: 913-951-3300 | www.schierproducts.com  
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**MODEL NUMBER:**  
SGK2

**DESCRIPTION:** Support Gusset Kit for use with grease interceptors models GB2 and GB2-CT

PART #: 8300-016-01

DWG BY: B. Karrer

DATE: 8/19/2019

REV:

ECO:

**MODEL NUMBER:**  
SGK3

**DESCRIPTION:** Support Gusset Kit for use with grease interceptors models GB3 and GB3-CT

PART #: 8300-017-01

DWG BY: B. Karrer

DATE: 8/19/2019

REV:

ECO:



# SPECIAL PRECAUTIONS

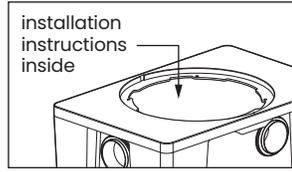
For Schier Grease Interceptor Installations - Failure to follow this guidance voids your warranty

**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 the installation instructions.

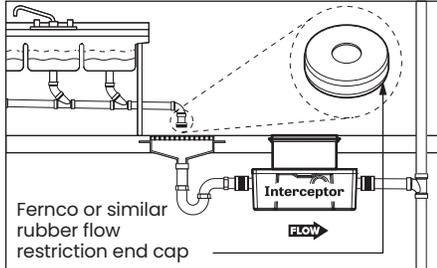
## Installation Instructions

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.



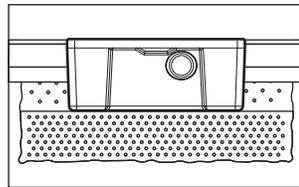
## When Installing Interceptor Inside

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)



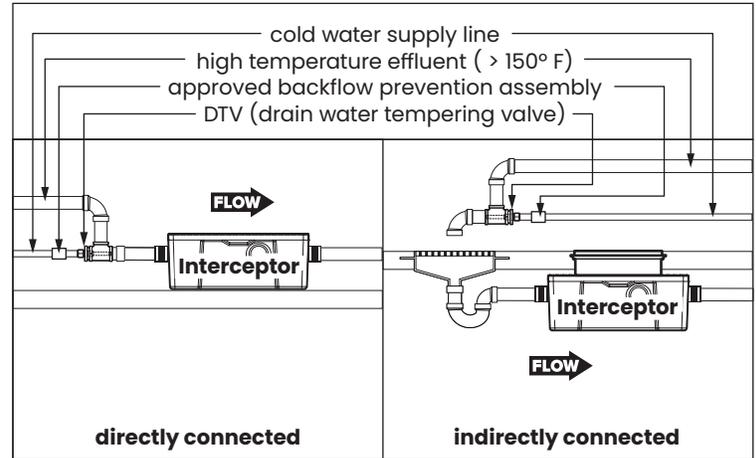
## Flush-to-Grade Burials

Flush-to-Grade buried installations (without a riser) are not recommended for heavy foot traffic areas without the use of an internal gusset support kit **SGK2** (for GB2) or **SGK3** (for GB3).



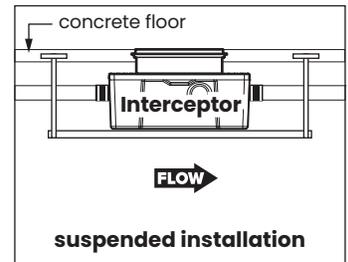
## High Temperature Kitchen Water

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).



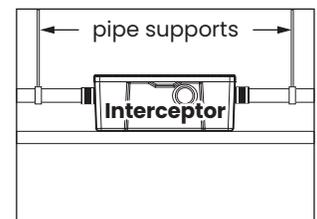
## Fully Support Base of Unit

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

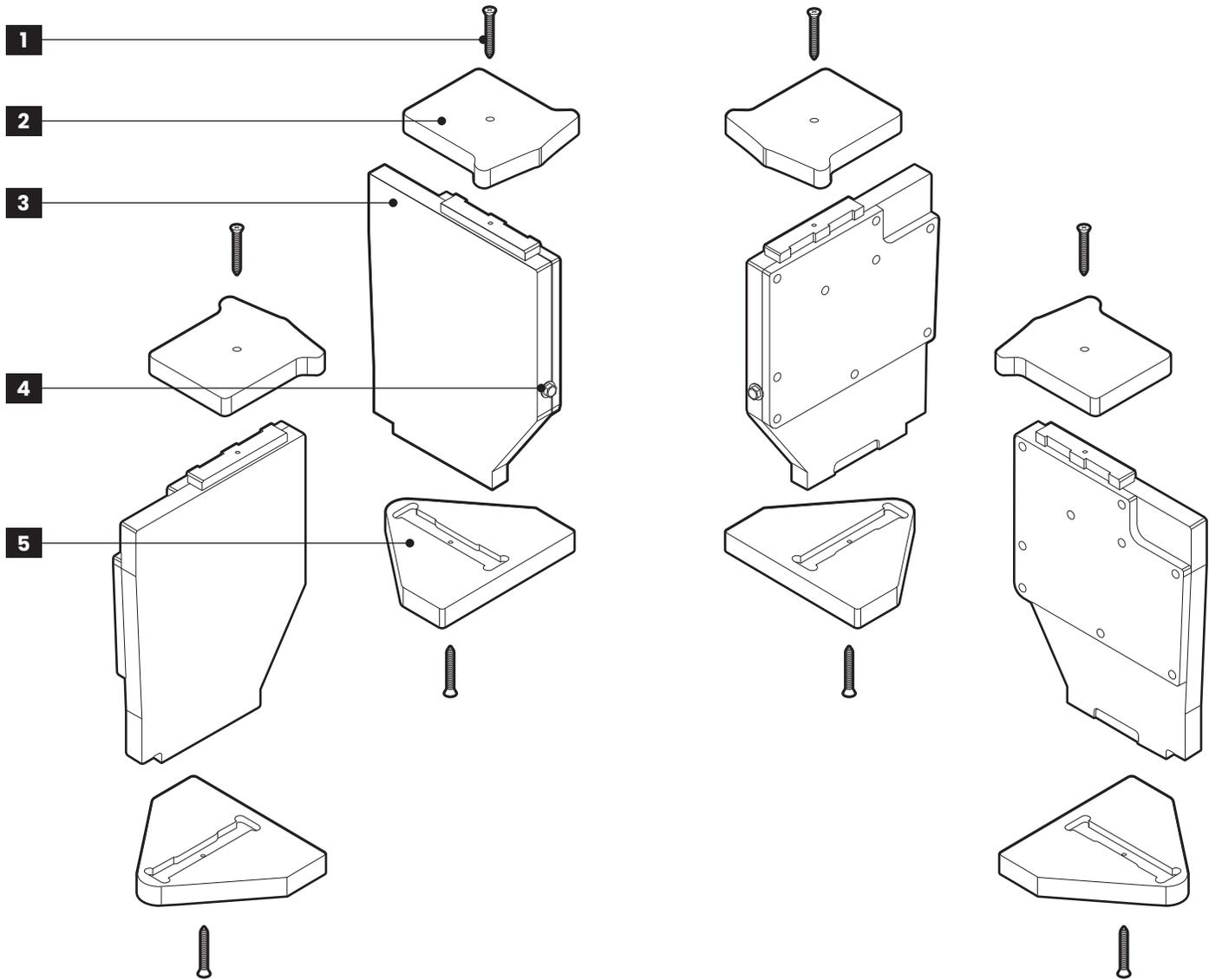


## Support Inlet and Outlet Piping

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 SGK2 (shown) and SGK3

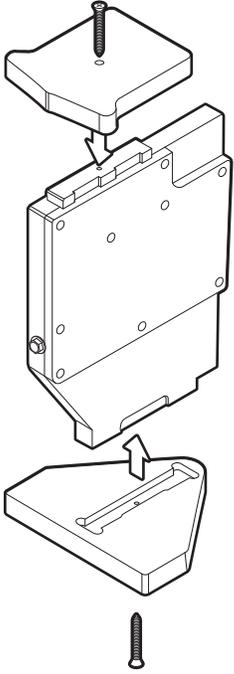


1. Support Gusset Assembly Screws (x8)
2. Support Gusset Top Plates (x4)

3. Support Gusset Bodies (x4)
4. 1/4" Height Adjustment Bolts (x4); use a 7/16" socket to tighten

5. Support Gusset Bases (x4)

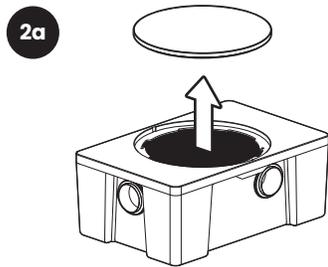
# INSTALLATION



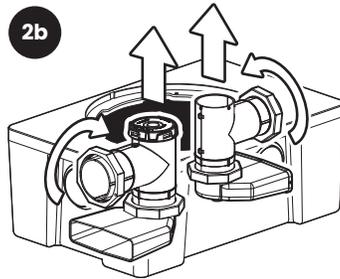
## 1 Assemble Gusset Supports (x4)

Fasten the Top Plate and Base to the Support Gusset Body using supplied assembly screws

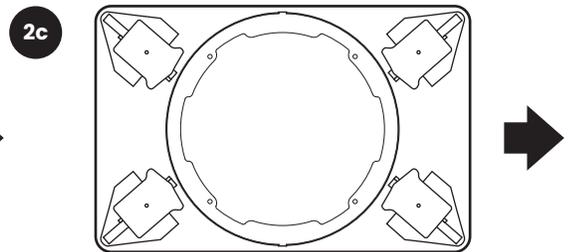
## 2 Install Gusset Supports



Remove cover.



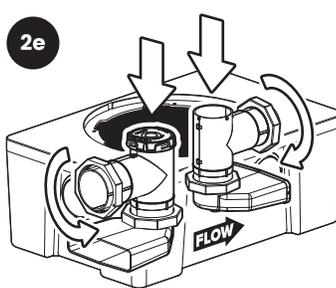
Unscrew diffuser retaining nuts and remove inlet and outlet diffusers.



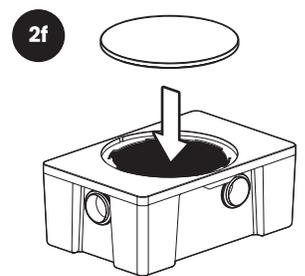
Place assembled Support Gussets into the corners of the tank as shown.



Use a 7/16" socket to slowly turn the Height Adjustment Bolts clockwise, raising the Top Plates snug up against the ceiling of the tank. **Do not tighten the bolt too quickly or overtighten.**



Replace inlet and outlet diffusers and hand tighten diffuser retaining nuts.



Replace cover.