

SPECIAL PRECAUTIONS For Schler Grease Interceptor Installations - Failure to folion this guidance.

High Water Table Installation Interceptors and risers are not designed to withstand water table height in excess of the top of the unit whe buried (see figure). If it is possible for this to occur, install the interceptor and risers in a anchor kit

I to tidal surge areas, floodplains rorm water. Great Basin™ models that are direct le scenarios must be installed with an anchor kit,

Above Grade Installation Support (for Model GB-500 Only)

The web weight of the intercentor combined with high temperature kitchen water creates the potential for tank deformation when installed above grade. Model 98-500 installed above grade must be installed with Above Grade Support Kit model AGS2 to maintain structural integrity



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.



DO NOT COMPACT BACKFILL



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

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 anto 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

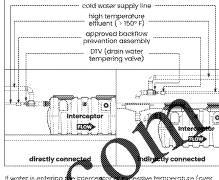
Hydrostatic Slabs (or Pressure Slabs)

hydrostatic slab (slab designed to withstand caused by hydrostatic pressure) inter must be enci

When installed under a



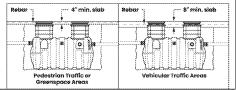
High Temperature Kitchen Water



150° F), a drain w e (DTV) and approved backflow rolled. Most state and local vater above 150° F being discharged into Sodes prohibit Water above 150° F being discharged into y styve **(%** ater above 150° F will weaken or deform PVC e, poly drainage fixtures like interceptors and erode ast Iron (leading to eventual failure).

w Grade Installation Slab Requirements

A concrete slab to finished grade with rebar is required when installing interceptor below grade.



SPECIFICATIONS

NOTES

4" plain end inlet/outlet
 Unit weight - w/cast iron covers; 528 lbs.; w/cormposite covers; 412 lbs. (For wet weight add 4,254 lbs.)

- Maximum operating temperature: 150° F continuous Capacities - Liquid: 510 gal., Grease: 3,048 lbs.
- Solids, 128 gal. Built- in Flow control. For series installations,
- 5. Built- in Flow control. For series installations, only install flow control on the first unit in the series if necessary.

 6. For gravity drainage applications only.

 7. Do not use for pressure applications.

 8. Cover placement allows full access to tank for proper maintenance.

 9. Vent not required unless per local code.

 10. Ingineered inlet and outer diffusers are removable to inspect / clean piping.

 11. Integrat air relief / Anti-siphon / Sampling access

 12. Fixed outlet models (-FO) have inlet and outlet permanently wolded at the factory in the straight-through (B) positions.

 13. Safety Star™ access restrictor built into each cover adapter, prevents accidental entry to tanks.

DIFFUSION FLOW TECHNOLOGY

DIFFUSION FLOW TECHNOLOGY
The inter diffuser reduces turbulence, creates larminar flow and allows the entire tank volume to be utilized for efficient grease separation and minimal disturbance to existing grease and sediment layers. The integral air refer I anti-signan at the outlet diffuser to allows pressures skabilization within the unit during operation. The outlet diffuser can easily be attached to any of the three outlets provided to ease job site piping layouts.

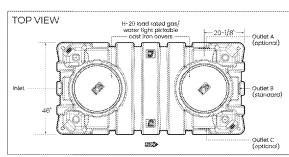
ENGINEER SPECIFICATION GUIDE

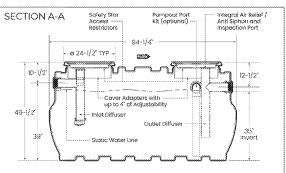
ENGINEER SPECIFICATION GUIDE
Schler Great Basin My repease interceptor model #
198-1501 shall be liferane guarranteerd and made in
USA of seamless, rotationally-motoled polyethylene.
Flow control cartridge shall be PVC, interceptor shall
be turnished for above or below grade installation
interceptor shall be certified to ASME ARIZH-3 (type C)
and CSA 84811, with field adjustable riser system,
safety Star access restrictor bullt into each cover
ordapter, bullt-in flow control and three outlet options
interceptor flow rate shall be 190 GPM, interceptor
grease capacity shall be 3,048 ths, Cover shall
provide waterful gas-flott seed and have minimum brovide water/ gas-tight seal and have minimum 6,000 lbs load capacity.

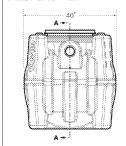
CERTIFIED PERFORMANCE

CERT IFFED PERFORMANCE
Front Basin's hydromeschonical grease interceptors
are third party performance-tested and listed by
APMO to ASME #AIIZIAS and CSA #AEII grease
interceptor standards and greatly exceed
requirements for grease separation and storage.
They are complicant to the brifform Plumbing Code
and the International Plumbing Code









INLET END VIEW

Rated Grease Capacities for Units Piped in Series

| 48° | No. of Units in Series | Removal Efficiency |
|-----|------------------------------|--------------------|
| | | 100 GPM |
| | | 95.3% |
| | 2 | 6,096 lbs. |
| | 3 | 9,144 lbs. |
| | 4 | 12,192 lbs. |
| | | |







SHEET NO. P1.1 2 3