SPECIFICATION NOTES

(1) 4" FPT inlet/outlet with 4" plain end fittings

(2) Unit weight: 390 lbs. For wet weight, add 4254 lbs. For traffic-rated cover(s), add 90 lbs per cover. For pedestrian cover(s), add 7 lbs per cover.

(3) Maximum operating temperature: 150º F continuous

(4) Liquid Capacity: 510 gal
Grease Capacity (100 GPM): 3,271 lbs (448 gal)
Grease Capacity (200 GPM): 2,969 lbs (407 gal)
Solids Capacity: 102 gal

(5) This unit does not require flow control for 100 GPM and 200 GPM applications

(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) Engineered inlet and outlet diffusers with inspection ports are removable to inspect / clean piping

(11) Integral air relief / Anti-siphon / Sampling access

(12) Cover adapters provide an adjustable height range of 5"

(13) Designed for below-grade, above-grade, indoor or outdoor installations

(14) Safety Star® (450 lbs load capacity) is an access restrictor built into each cover adapter to prevent accidental entry into tanks

CERTIFIED PERFORMANCE

Great Basin® hydromechanical grease interceptors are third party performance-tested and listed by IAPMO to ASME A112.14.3 and CSA B481.1 grease interceptor standards and greatly exceed requirements for grease separation and storage. They are compliant to the Uniform Plumbing Code and the International Plumbing Code.

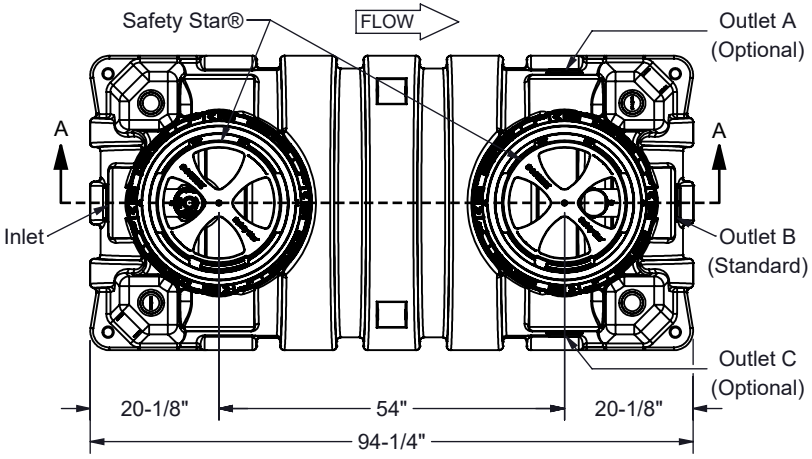
ENGINEER SPECIFICATION GUIDE

Schier Great Basin® grease interceptor model GB-500 shall be lifetime guaranteed and made in USA of seamless, molded polyethylene with minimum 7/16" uniform wall thickness. Flow control cartridge shall be PVC. Interceptor shall be furnished for above or below-grade installation with adjustable cover adapter and Safety Star® access restrictor built into each cover adapter, and three outlet options. This unit is certified for hydromechanical performance to ASME A112.14.3 (Type D) and CSA B481.1. Interceptor flow rate shall be 100 GPM or 200 GPM. Interceptor grease capacity shall be 3,271 lbs @ 100 GPM or 2,969 lbs @ 200 GPM.

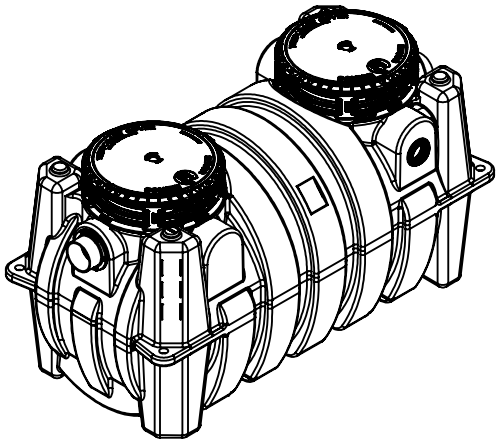
COVERS SOLD SEPARATELY

This unit is provided with temporary cover(s) intended for the duration of jobsite installation. Purchase one of the following finish covers.

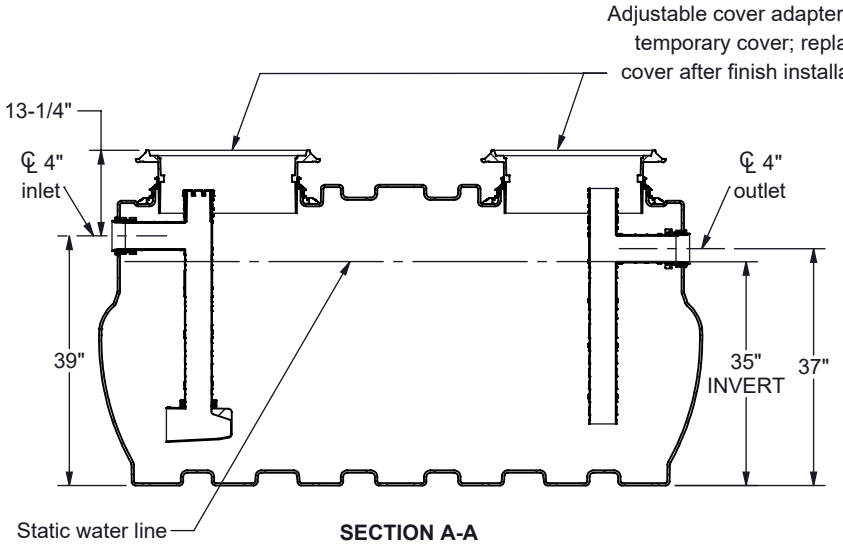
- T24-GI (8044-000-01): Traffic-rated cast iron cover shall provide water/gas-tight seal and have a minimum of 16,000 lbs load capacity. For outdoor installation.
- P24-GI (8045-000-01): Pedestrian-rated poly cover shall provide water/gas-tight seal and have a minimum of 2,000 lbs load capacity. For indoor installation.



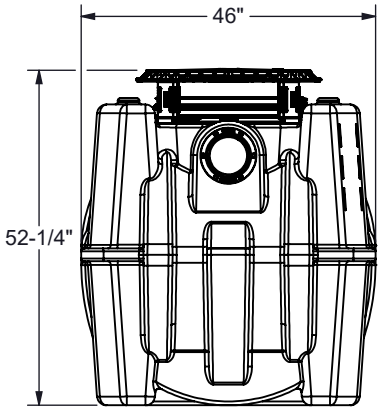
TOP VIEW
{COVER(S) REMOVED FOR CLARITY}



ISOMETRIC VIEW



SECTION A-A



INLET END VIEW

SPECIFICATION SHEET

SCHIER

6455 Woodland Dr
Shawnee, KS 66218

tel: 913-951-3300
fax: 913-951-3399

schierproducts.com

Made in the U.S.A.

MODEL NUMBER	GB-500				
PART NUMBER	4075-300-02				
DESCRIPTION	GB-500 GREASE INTERCEPTOR 100 GPM / 200 GPM, 4" PLAIN/FPT CONNECTIONS				
DRAWN BY	G.HEIDE				
DATE	08/11/2025	**REV**	A	**ECO**	00143

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