

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: 150° F continuous
- (4) Liquid Capacity: 510 gal
Grease Capacity (100 GPM): 3,048 lbs (417 gal)
Solids Capacity: 128 gal
- (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) 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.

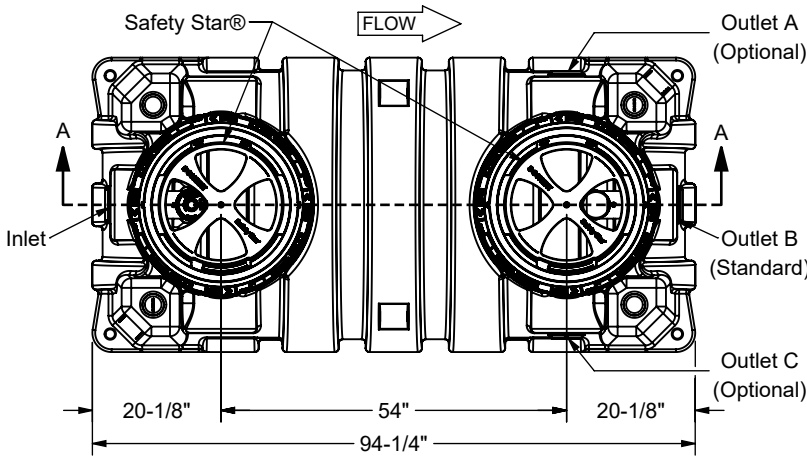
ENGINEER SPECIFICATION GUIDE

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 C) and CSA B481.1. Interceptor flow rate shall be 100 GPM. Interceptor grease capacity shall be 3,048 lbs.

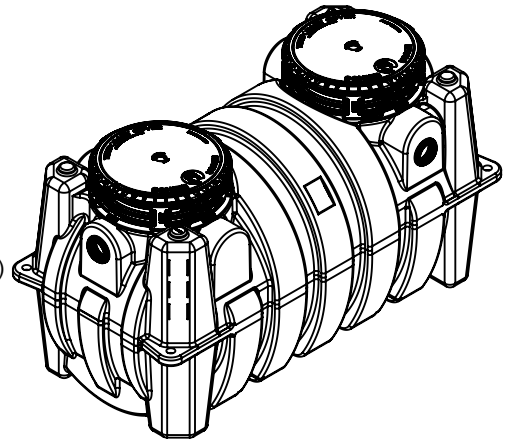
COVERS SOLD SEPARATELY

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

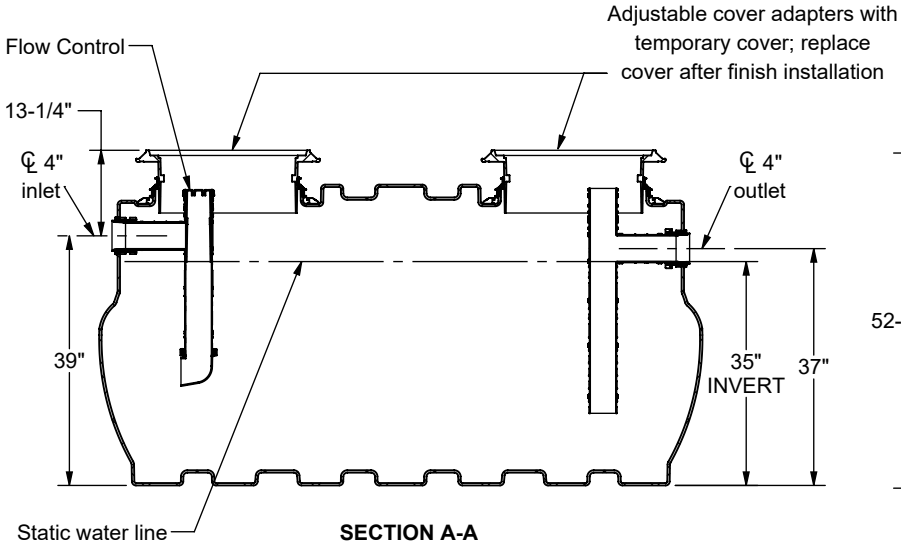
- T24-GI (8044-000-01): Traffic-rated (AASHTO H-20) cast iron cover shall provide water/gas-tight seal and have a minimum of 16,000 lbs load capacity. For outdoor installation.
- P24-GI (8045-000-01): Pedestrian-rated poly cover shall provide water/gas-tight seal and have a minimum of 2,000 lbs load capacity. For indoor installation.



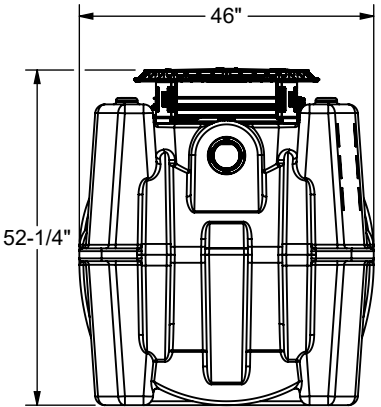
TOP VIEW
{COVER(S) REMOVED FOR CLARITY}



ISOMETRIC VIEW

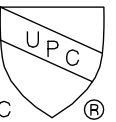


SECTION A-A



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 4075-300-01					
	DESCRIPTION GB-500 GREASE INTERCEPTOR 100 GPM, 4" PLAIN/FPT CONNECTIONS					
	DRAWN BY C.FINCHAM		PROPRIETARY AND CONFIDENTIAL: THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SCHIER PRODUCTS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SCHIER PRODUCTS IS PROHIBITED.			
	DATE 05/07/2025	REV A				