

Unit Number	Fixture		Fixture Units (DFU)	Waste Size	Length (Inches)	Width (Inches)	Depth (Inches)	Cubic Inches	Load - 75% Capacity (Gallons)	Time to Drain (Minutes)	Flow Rate (GPM)
K-1	Three Compartment Sink	Bowl 1	12	1.5"	17	17	12	3468	11.26	2	5.63
		Bowl 2			17	17	12	3468	11.26	2	5.63
		Bowl 3			17	17	12	3468	11.26	2	5.63
K-2	Hand Wash Sink	Bowl 1	1	1.5"	9	9	4	324	1.05	2	0.53
K-4	Mop Sink	Bowl 1	1	1.5"	14	16	6	1344	4.36	2	2.18
	Misc Condensate/Floor Drains										10.00
Total			13								29.60

SPECIFICATION NOTES

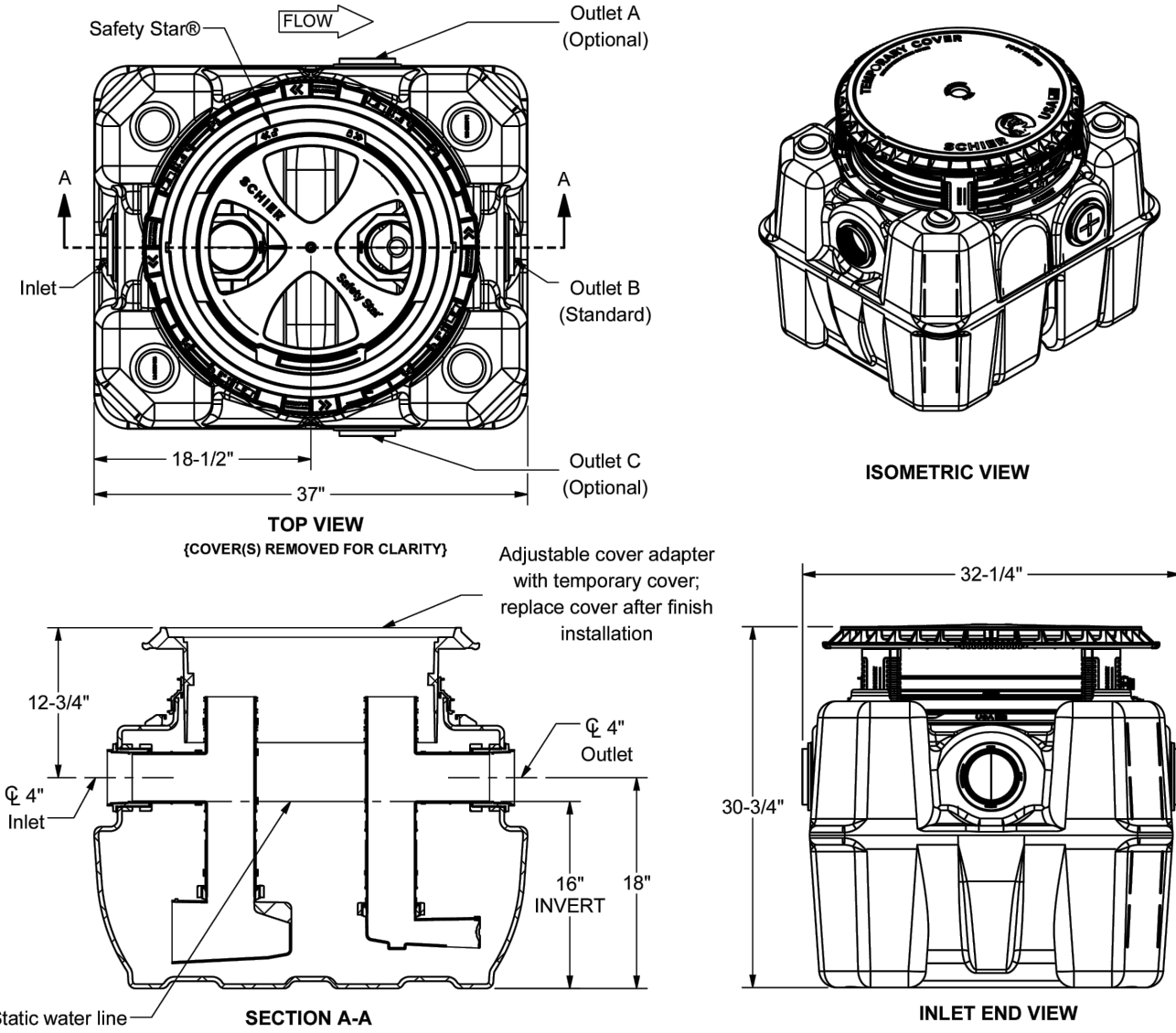
- 4" FPT Inlet/outlet with 4" plain end fittings
- Unit weight: 78 lbs. For wet weight, add 542 lbs. For traffic-rated cover(s), add 90 lbs per cover. For pedestrian cover(s), add 7 lbs per cover.
- Maximum operating temperature: 150° F continuous
- Liquid Capacity: 65 gal
Grease Capacity (50 GPM): 439 lbs (60 gal)
Grease Capacity (75 GPM): 287 lbs (43 gal)
Solids Capacity: 13 gal
- For gravity drainage applications only
- Do not use for pressure applications
- Cover placement allows full access to tank for proper maintenance
- Vent not required unless per local code
- Engineered inlet and outlet diffusers with inspection ports are removable to inspect / clean piping
- Integral air relief / Anti-siphon / Sampling access
- Cover adapters provide an adjustable height range of 5"
- Designed for below-grade, above-grade, indoor or outdoor installations
- 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-50 shall be lifetime guaranteed and made in USA of seamless, molded polyethylene with minimum 3/8" uniform wall thickness. Interceptor shall be furnished for above or below-grade installation with adjustable cover adapter, 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 50 GPM or 75 GPM. Interceptor grease capacity shall be 439 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-G1 (8044-000-01): Traffic-rated (KASHTO H-20) cast iron cover shall provide water/tight seal and have a minimum of 16,000 lbs load capacity. For outdoor installation.
- P24-G1 (8045-000-01): Paved-related poly cover shall provide water/tight seal and have a minimum of 2,000 lbs load capacity. For indoor installation.



SCHIER		SPECIFICATION SHEET	
6455 Woodland Dr Shawnee, KS 66208 tel: 913-951-3300 fax: 913-951-3399 schierproducts.com Made in the U.S.A.	MODEL NUMBER	GB-50	
	PART NUMBER	4025-300-01	
	DESCRIPTION	GB-50 GREASE INTERCEPTOR 50 GPM / 75 GPM, 4" PLAIN/FPT CONNECTIONS	
	DRAWN BY	C.FINCHAM	
	DATE	05/20/2025	REV A ECO 00108

