

SPECIFICATIONS

- 1. 4" Plain End Inlet/Outlet, 3" Plain End vents, C24-M cover standard.
- 2. Certified max flow rate: 50 GPM.
- 3. Liquid capacity: 57 Gallons (7.6 cu. ft.).
- 4. Oil capacity: 14.25 Gallons.
- 5. Solids capacity: 7 Gallons.
- 6. Unit weight w/ standard cover: 93 lbs.; w/ cast iron cover: 153 lbs.
- 7. Maximum operating temperature 140°F continuous.

NOTES

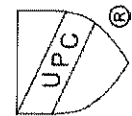
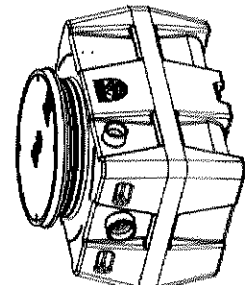
- 1. Engineered inlet diffuser efficiently separates oil from water.
- 2. For gravity drainage applications only.
- 3. Do not use for pressure applications.
- 4. Cover placement allows full access to tank for proper maintenance.

ENGINEER SPECIFICATION GUIDE

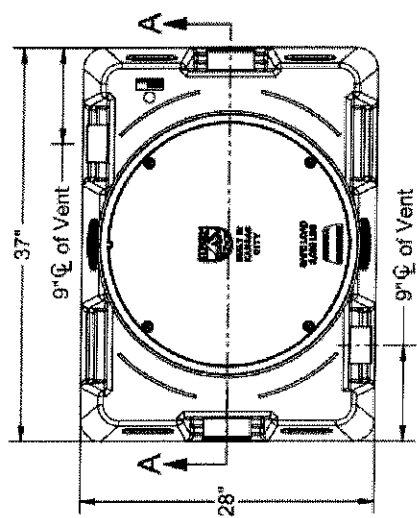
Striem high efficiency oil/water separator model OS-50 shall be lifetime guaranteed and made in the USA. Separator shall be certified to IAPMO IGC 325 and carry a UPC listing. Separator shall be constructed of polyethylene. Separator shall be manufactured for above- or below-grade installation. Field-adjustable riser system is available as an option to bring manhole cover to grade. Separator flow rate shall be 50 GPM. Separator liquid holding capacity shall be 57 gallons and oil capacity shall be 14.25 gallons. Solids capacity shall be 7 gallons. Cover shall provide water/gas-tight seal and have a maximum 2,000 lbs. load capacity.

IAPMO IGC 325 CERTIFICATION

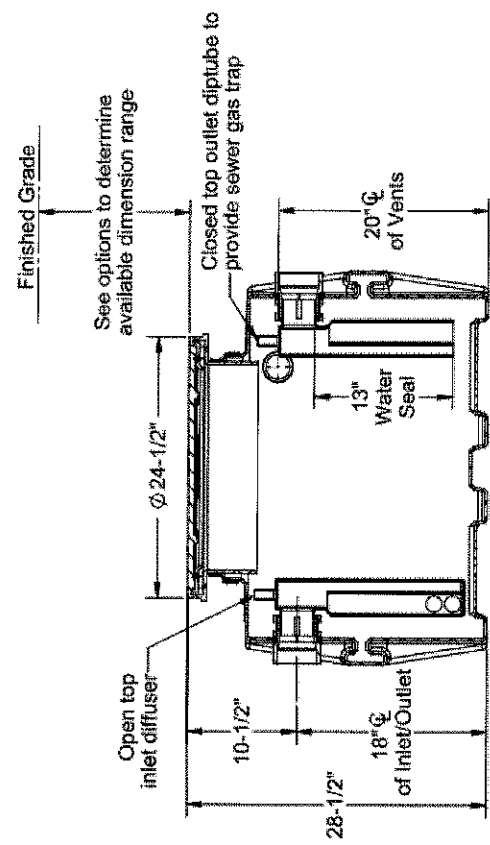
The OS-50 has been third party certified by IAPMO to the IGC 325 standard. The OS-50 achieved an average 98% efficiency rating at 50 GPM up to the maximum oil capacity of 14.25 gallons. The structural design has been approved and stamped by a licensed structural engineer for direct burial in accordance with Striem's installation instructions.



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TOP VIEW



SECTION A-A

OPTIONS

Riser Options	
From Factory: Up to 5"	
☐ Up to 24": SR24	
☐ Up to 39": LR24	
Additional Options	
☐ HDK-2: High Water Table Hold Down Kit	
☐ C24-H: Highway Rated Bolted Composite Cover	
☐ C24-HP: H20 Rated Pickable Cast Iron Cover	
☐ SS: Slick Stick™ Oil Level Monitoring System*	
*Monitoring system will raise covers by 3".	

MODEL NUMBER:	OS-50
DESCRIPTION: 50 GPM POLYETHYLENE HIGH EFFICIENCY OIL/WATER SEPARATOR	
DWG BY: ENG	DATE: 12/13/2023
REV: 2	

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Made in the U.S.A

SPECIFICATION SHEET

STRIEM