

MANUFACTURERS OF

OIL SEPARATORS | SOLIDS INTERCEPTORS | CHEMICAL WASTE TANKS

PRODUCT CATALOG NO. 6



TABLE OF CONTENTS

WE LOVE MAKING PLUMBING PRODUCTS.

We formed Striem in 2015 with one idea in mind: dealing with a manufacturer should be like a breath of fresh air. That's why we implemented a simple formula:

- ✓ Build quality products,
- √ Ship them on time, and
- ✓ Provide damn good customer service.

We hope you enjoy working with us.

VINCE ISMERT

Direct: 816-591-9765

GABE ISMERT Direct: 816-820-5454

OII CEDADATORS





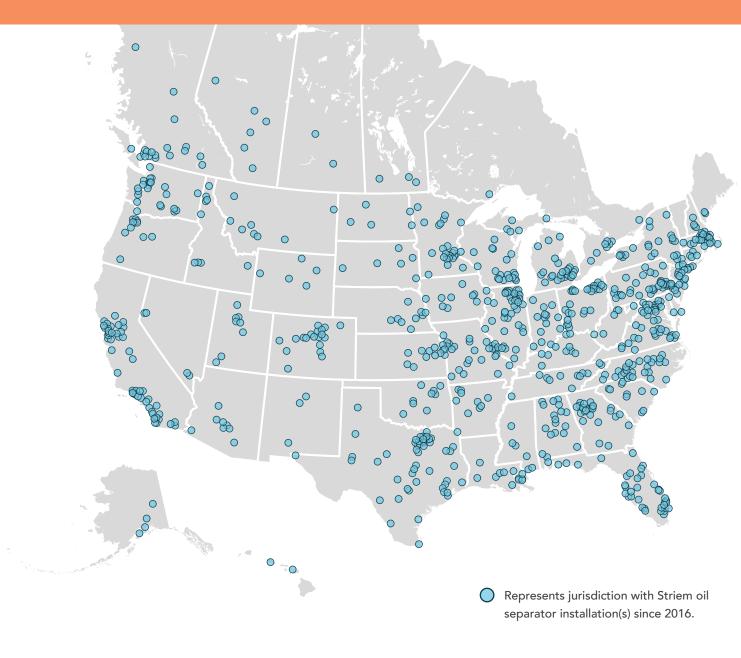




CUSTOMER SERVICE HOURS: 8 AM - 5 PM CST

OIL SEPARATORS OT-500 being moved with built-in Lifting Lug Kit

STRIEM'S OIL SEPARATOR FOOTPRINT



APPLICATIONS







FIRE HOUSE/



PARKING GARAGES



HYDRAULIC **ELEVATOR PITS**



CAR WASHES



LOADING DOCKS



AIRPORTS / **HANGARS**

FLOW RATE BASED

OIL SEPARATORS

OS SERIES









OPTIONS



Covers See page 26 for more details



C24-H Traffic-rated bolted

composite



C24-HP H-20 rated pickable cast iron







Corrugated Pipe Riser Kit (CPRK)

See page 24 for more details





High water table hold down kits See page 25 for more details





Slick Stick[™] oil level monitoring system See page 9 for more details







OS-15

CONNECTIONS: 2", 3" MAX FLOW RATE: 15 GPM LIQUID CAPACITY: 15 GAL.

SAND CAPACITY: 1 GAL. WEIGHT: 28 LBS.

OIL CAPACITY: 10 GAL

COVER: PEDESTRIAN-RATED



OS-25

CONNECTIONS: 2", 3" MAX FLOW RATE: 25 GPM LIQUID CAPACITY: 21 GAL. OIL CAPACITY: 15 GAL.

SAND CAPACITY: 6 GAL. WEIGHT: 31 LBS. COVER: PEDESTRIAN-RATED



OS-35

CONNECTIONS: 2", 3", 4" MAX FLOW RATE: 35 GPM LIQUID CAPACITY: 38 GAL. OIL CAPACITY: 28 GAL.

SAND CAPACITY: 6 GAL. WEIGHT: 77 LBS. COVER: PEDESTRIAN-RATED



OS-50

CONNECTIONS: 2", 3", 4" MAX FLOW RATE: 50 GPM LIQUID CAPACITY: 57 GAL. OIL CAPACITY: 40 GAL.

SAND CAPACITY: 7 GAL. WEIGHT: 92 LBS. COVER: PEDESTRIAN-RATED



OS-75

CONNECTIONS: 4", 6" MAX FLOW RATE: 75 GPM LIQUID CAPACITY: 110 GAL. OIL CAPACITY: 93 GAL.

SAND CAPACITY: 11 GAL. WEIGHT: 130 LBS. COVER: TRAFFIC-RATED



OS-100

CONNECTIONS: 4", 6" MAX FLOW RATE: 100 GPM LIQUID CAPACITY: 250 GAL. OIL CAPACITY: 144 GAL.

SAND CAPACITY: 95 GAL. WEIGHT: 230 LBS. COVER: TRAFFIC-RATED

VOLUME BASED

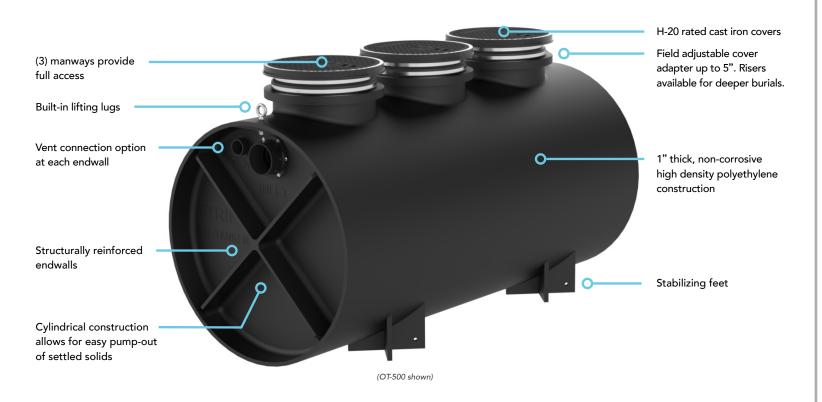
OIL SEPARATORS

OIL TANKER™ SERIES









OT-500

CONNECTIONS: 4", 6", 8" MAX FLOW RATE: 314 GPM LIQUID CAPACITY: 560 GAL.

SAND CAPACITY: 162 GAL. WEIGHT: 1,000 LBS. COVER: CAST IRON (H-20)

OIL CAPACITY: 285 GAL.

OT-750

CONNECTIONS: 4", 6", 8"

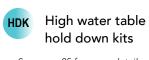
MAX FLOW RATE: 314 GPM

SAND CAPACITY: 295 GAL. WEIGHT: 1,200 LBS. COVER: CAST IRON (H-20)

LIQUID CAPACITY: 750 GAL. OIL CAPACITY: 323 GAL.

OPTIONS





See page 25 for more details



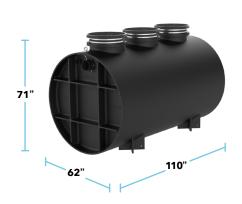


Slick Stick[™] oil level monitoring system

See page 9 for more details







OT-1000

CONNECTIONS: 4", 6", 8" MAX FLOW RATE: 314 GPM LIQUID CAPACITY: 1,000 GAL. COVER: CAST IRON (H-20)

SAND CAPACITY: 477 GAL. **WEIGHT:** 1,450 LBS.



OT-1500

CONNECTIONS: 4", 6", 8" MAX FLOW RATE: 314 GPM LIQUID CAPACITY: 1,500 GAL.

SAND CAPACITY: 825 GAL. **WEIGHT:** 1,600 LBS. COVER: CAST IRON (H-20)

OIL CAPACITY: 370 GAL. OIL CAPACITY: 488 GAL.

OIL LEVEL MONITORING SYSTEM

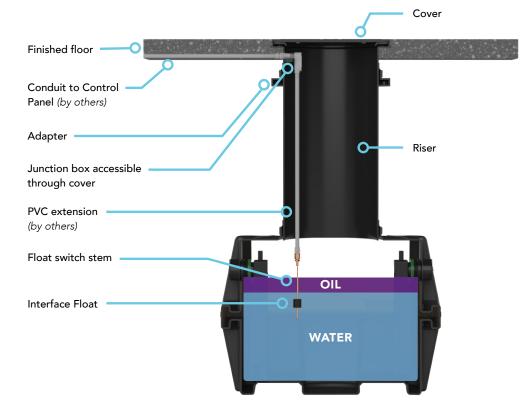
SLICK STICK™

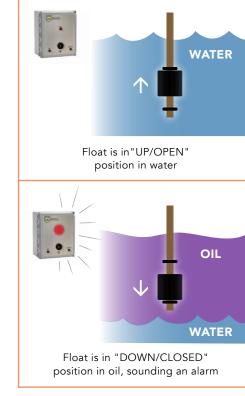
SLICK STICK™ INSTALLATION WITH RISER





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Pictured: OS-75-SS



Control panel & float switch



Pictured: OS-100-SS

Threaded connection

in tank adapter



Control panel

Electrical conduit (by others)

PVC Extension

Float switch stem

Interface float

(by others)

Cover adapter with conduit connection & junction box

MODELS



- OS-50-SS
- OS-75-SS
- OS-100-SS
- OT-500-SS
- OT-750-SS
- OT-1000-SS
- OT-1500-SS

FEATURES



- UL listed
- Intrinsically safe
- Field-extendable interface float
- Ability to easily install with risers
- Audio and visual alarm
- BMS capability

SPECIFICATIONS



- Provides audio/visual alarm under high oil level condition
- Single phase, 120 VAC, 60 hertz input power required
- NEMA 4X enclosure
- "HORN OFF" button silences audible alarm
- "TEST" button tests system electronics
- Locking clasp on door
- Intrinsically safe sensor inputs
- Interface float is buoyant in water, but sinks in the presence of hydrocarbons

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SOLIDS INTERCEPTORS

POINT-OF-USE SIDE-ACCESS SOLIDS INTERCEPTOR









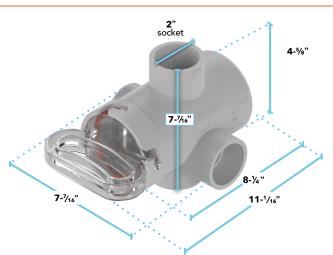
• 2" x 1 1/2" PVC adapter (2)

• 2" x 1 1/2" NPS PVC adapter

• 2" PVC plug (2)



Three outlet options





APPLICATIONS



LAUNDRY FACILITIES



KITCHENS



DOG WASH & **PET KENNELS**



ART ROOM SINKS



BARBER SHOPS & HAIR SALONS



UTILITY SINKS

BASKET-STYLE

SOLIDS INTERCEPTORS

Recommended for DIY maintenance

AARDVARK™ SERIES





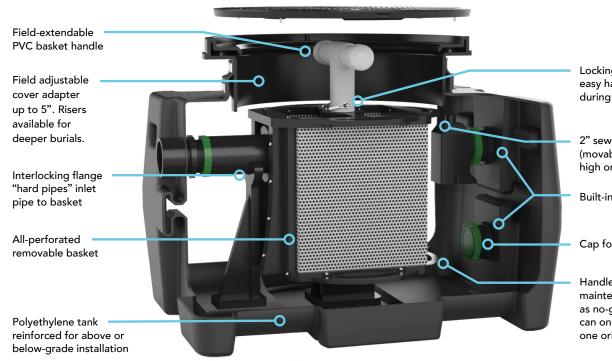






LEARN MORE

RFA DWG PDF AVAILABLE ONLINE FOR ALL PRODUCTS



Locking pin allows for easy handle removal during maintenance

2" sewer gas seal (movable between high or low outlet)

Built-in high and low outlet

Cap for unused outlet

Handles allow for easy maintenance and serve as no-go's so that basket can only be inserted in one orientation

(AA-M shown)

AA-S SMALL

CONNECTIONS: 2", 3" MAX FLOW RATE: 35 GPM

LIQUID CAPACITY: 16 GAL. (high outlet), 4 GAL. (low outlet)

SOLIDS CAPACITY: 2 GAL. WEIGHT: 42 LBS. **COVER:** PEDESTRIAN-RATED



AA-M MEDIUM

12 GAL. (low outlet)

CONNECTIONS: 3", 4" MAX FLOW RATE: 50 GPM LIQUID CAPACITY: 38 GAL. (high outlet),

WEIGHT: 83 LBS. **COVER:** PEDESTRIAN-RATED

SOLIDS CAPACITY: 6 GAL.



AA-L LARGE CONNECTIONS: 3", 4"

LAUNDRY

FACILITIES

MAX FLOW RATE: 75 GPM

LIQUID CAPACITY: 57 GAL. (high outlet),

14 GAL. (low outlet)

SOLIDS CAPACITY: 8 GAL. WEIGHT: 105 LBS. **COVER:** PEDESTRIAN-RATED



AA-XL EXTRA LARGE

CONNECTIONS: 4", 6" MAX FLOW RATE: 100 GPM LIQUID CAPACITY: 110 GAL. (high outlet),

WEIGHT: 143 LBS. **COVER:** TRAFFIC-RATED 30 GAL. (low outlet)

SOLIDS CAPACITY: 10 GAL.

HDK High water table hold down kits Covers

See page 26 for more details

See page 25 for more details

OPTIONS





C24-H Traffic-rated bolted composite



H-20 rated pickable

APPLICATIONS



COMMERCIAL **KITCHENS**



DOG WASH & PET KENNELS



ART ROOM SINKS



BARBER SHOPS & HAIR SALONS



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SR-16

SR/LR field-adjustable extensions

See page 24 for more details

SR-24

LR-24

SCREEN-STYLE

SOLIDS INTERCEPTORS

Recommended for professional pumper maintenance

PROSPECTOR™ SERIES



PS-15-S

CONNECTIONS: 2", 3" MAX FLOW RATE: 15 GPM **LIQUID CAPACITY:** 15 GAL.

SOLIDS CAPACITY: 7 GAL. WEIGHT: 30 LBS. COVER: PEDESTRIAN-RATED



PS-25-S

CONNECTIONS: 2", 3" MAX FLOW RATE: 25 GPM **LIQUID CAPACITY:** 21 GAL.

SOLIDS CAPACITY: 10 GAL. WEIGHT: 35 LBS. COVER: PEDESTRIAN-RATED



PS-35-S

CONNECTIONS: 2", 3", 4" MAX FLOW RATE: 35 GPM LIQUID CAPACITY: 38 GAL. **SOLIDS CAPACITY:** 19 GAL. WEIGHT: 83 LBS. COVER: PEDESTRIAN-RATED



PS-50-S

CONNECTIONS: 2", 3", 4" MAX FLOW RATE: 50 GPM **LIQUID CAPACITY: 57 GAL.**

SOLIDS CAPACITY: 29 GAL. WEIGHT: 100 LBS. **COVER:** PEDESTRIAN-RATED



PS-125-S

CONNECTIONS: 4", 6" MAX FLOW RATE: 75 GPM LIQUID CAPACITY: 110 GAL.



PS-275-S

CONNECTIONS: 4", 6" MAX FLOW RATE: 100 GPM **LIQUID CAPACITY: 250 GAL.**



SOLIDS CAPACITY: 210 GAL. **COVER:** TRAFFIC-RATED

SAND

INTERCEPTORS



CB-50-S

CONNECTIONS: 3", 4" MAX FLOW RATE: 50 GPM **LIQUID CAPACITY: 57 GAL.** **SOLIDS CAPACITY: 25 GAL.** WEIGHT: 92 LBS. **COVER:** TRAFFIC-RATED



CB-50-G

CONNECTIONS: 3", 4" MAX FLOW RATE: 50 GPM LIQUID CAPACITY: 57 GAL.

SOLIDS CAPACITY: 25 GAL. WEIGHT: 187 LBS. **COVER:** CAST IRON GRATE



CB-125-S

SETTLER™ SERIES

CONNECTIONS: 4", 6" MAX FLOW RATE: 75 GPM **LIQUID CAPACITY:** 110 GAL.





CB-125-G

CONNECTIONS: 4", 6" MAX FLOW RATE: 75 GPM

SR/LR field-adjustable extensions

See page 24 for more details

SR-24

LR-24

16"

SR-16

SOLIDS CAPACITY: 70 GAL. WEIGHT: 213 LBS. **LIQUID CAPACITY: 110 GAL. COVER:** CAST IRON GRATE



CB-275-S

CONNECTIONS: 4", 6" MAX FLOW RATE: 100 GPM LIQUID CAPACITY: 250 GAL. COVER: TRAFFIC-RATED

SOLIDS CAPACITY: 200 GAL WEIGHT: 230 LBS.

OPTIONS

High water table hold down kits See page 25 for more details



Covers

See page 26 for more details





C24-H

Traffic-rated bolted

composite



cast iron



Riser Kit (CPRK) See page 24 for more details







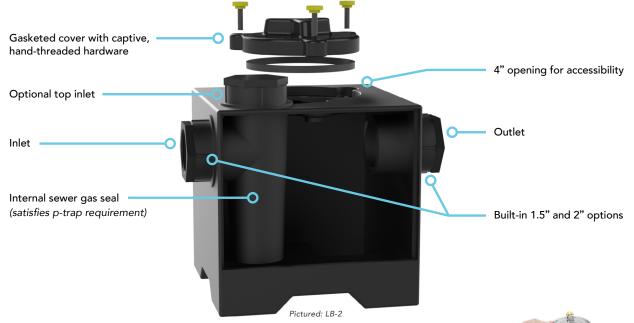
SOLIDS CAPACITY: 55 GAL. WEIGHT: 140 LBS. COVER: TRAFFIC-RATED

WEIGHT: 270 LBS.



UNDER COUNTER NEUTRALIZATION TANKS

LAB RAT™ SERIES





LB-2

CONNECTIONS: 1.5", 2" LIMESTONE LOAD: 25 LBS.
LIQUID CAPACITY: 2 GAL. WEIGHT: 6 LBS.
of LAB SINKS: 1



LB-2-ADA

CONNECTIONS: 1.5", 2" LIMESTONE LOAD: 25 LBS.
LIQUID CAPACITY: 2 GAL. WEIGHT: 10 LBS.
of LAB SINKS: 1

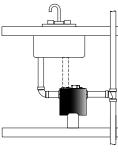


LB-5

CONNECTIONS: 1.5", 2" LIMESTONE LOAD: 50 LBS.
LIQUID CAPACITY: 5 GAL. WEIGHT: 11 LBS.
of LAB SINKS: 2

APPLICATION LAYOUTS

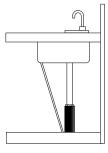
LB-2



LAB SINK

4" PVC pipe for support cut to size (by others)

LB-2-ADA



LAB SINK

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CENTRALIZED

NEUTRALIZATION TANKS

LAB BASIN™ SERIES





LB-15

CONNECTIONS: 2", 3" **LIQUID CAPACITY:** 15 GAL. # OF LAB SINKS: 4

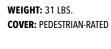
LIMESTONE LOAD: 200 LBS. WEIGHT: 28 LBS. **COVER:** PEDESTRIAN-RATED



LB-25

LIMESTONE LOAD: 300 LBS.

CONNECTIONS: 2", 3" LIQUID CAPACITY: 21 GAL. # OF LAB SINKS: 6





LB-35

CONNECTIONS: 2", 3", 4" LIQUID CAPACITY: 38 GAL.

OF LAB SINKS: 9

LIMESTONE LOAD: 450 LBS. WEIGHT: 77 LBS. **COVER:** PEDESTRIAN-RATED



LB-50

CONNECTIONS: 2", 3", 4"

OF LAB SINKS: 15

LIQUID CAPACITY: 57 GAL.





LIMESTONE LOAD: 650 LBS. WEIGHT: 92 LBS. COVER: PEDESTRIAN-RATED



LB-125

CONNECTIONS: 3", 4", 6" LIQUID CAPACITY: 110 GAL. # OF LAB SINKS: 35

LIMESTONE LOAD: 1,550 LBS. WEIGHT: 130 LBS. **COVER:** TRAFFIC-RATED



LB-275

OF LAB SINKS: 75

CONNECTIONS: 3", 4", 6"

LIQUID CAPACITY: 250 GAL.







LIMESTONE LOAD: 3,150 LBS. WEIGHT: 230 LBS. **COVER:** TRAFFIC-RATED



LB-500

CONNECTIONS: 4", 6", 8" LIQUID CAPACITY: 500 GAL.

OF LAB SINKS: 150

LIMESTONE LOAD: 4,250 LBS. WEIGHT: 750 LBS. COVER: TRAFFIC-RATED

LB-750







CONNECTIONS: 4", 6", 8" **LIQUID CAPACITY:** 750 GAL. # **OF LAB SINKS:** 215

LIMESTONE LOAD: 9,800 LBS. **WEIGHT:** 1,200 LBS. COVER: TRAFFIC-RATED



LB-1000

CONNECTIONS: 4", 6", 8" LIQUID CAPACITY: 1,000 GAL. WEIGHT: 1,400 LBS. # **OF LAB SINKS:** 260

LIMESTONE LOAD: 13,000 LBS.

COVER: TRAFFIC-RATED



LB-1500

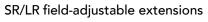
Corrugated Pipe

Riser Kit (CPRK)

CONNECTIONS: 4", 6", 8" **# OF LAB SINKS:** 375

LIMESTONE LOAD: 19,500 LBS. LIQUID CAPACITY: 1,500 GAL. WEIGHT: 1,700 LBS. **COVER:** TRAFFIC-RATED

OPTIONS



See page 24 for more details



SR-24

High water table hold down kits See page 25 for more details





See page 26 for more details

Covers



Traffic-rated bolted composite



Command Center™ pH Monitoring System

See page 21 for more details







PH MONITORING PACKAGE

COMMAND CENTER™

Command Center™ with SPK-A above grade Clear front panel Touchscreen interface sensor placement kit Solenoid valve option (by others) Cutaway of Lab Basin™ LB-275 installed above grade with Command Center[™] and optional limestone System may be installed above or below grade.

SPECIFICATIONS

- BMS Capability via ethernet connection
- Pre-programmed audio/visual alarm set points
- 3.5" color touchscreen display
- Storage: Includes (2), 1-year micro SD cards
- Pre-programmed wish digital output to power solenoid valve for fresh water to flush if PH approaches high/low limits
- Nema 4x lockable weather proof enclosure -32°F to 122°F
- 120V AC power supply required

DECONTAMINATION TANKS

BIO BASIN™ SERIES











BB-500



CONNECTIONS: 2", 3", 4", 6" LIQUID CAPACITY: 500 GAL. WEIGHT: 750 LBS. **COVER:** TRAFFIC-RATED



BB-750 ²⁴"





CONNECTIONS: 2", 3", 4", 6" LIQUID CAPACITY: 750 GAL. **WEIGHT:** 1,200 LBS. COVER: TRAFFIC-RATED



BB-1000 24"



CONNECTIONS: 2", 3", 4", 6" LIQUID CAPACITY: 1,000 GAL. WEIGHT: 1,400 LBS. **COVER:** TRAFFIC-RATED



BB-1500 24"



CONNECTIONS: 2", 3", 4", 6" LIQUID CAPACITY: 1,500 GAL. **WEIGHT:** 1,700 LBS.

COVER: TRAFFIC-RATED



AVA-4

Multi-level monitoring package



LOW OUTLET VALVE PACKAGES AVAILABLE See product specifications at striemco.com.

Striem recommends the following steps for sizing a decontamination tank:

Number of Fixtures (showers or eyewash stations)

Supply Line Flow Rate of Each Fixture

Rinse Time (15-20 minutes typical)

SIZE OF = TANK IN **GALLONS** Sizing Sample:

1. A hospital with two emergency showers, each with a ¾" supply line carrying a flow rate of 9.96 GPM. 2 fixtures x 9.96 GPM = 19.92 GPM

MONITORING PACKAGES

- 2. 19.92 GPM x 15 minutes = 298.8 gallons
- 3. Select Bio Basin™ model BB-500 (500 liquid holding gallons)

OPTIONS



SR/LR field-adjustable extensions See page 24 for more details





High water table hold down kits See page 25 for more details











INSPECTOR™

INSPECTOR-4

4" connections





INSPECTOR-6

6" connections







Narrowed inlet flow path for easy sampling

1/2" offset to create sample waterfall.



SPECIFICATIONS



- Unit supplied with built-in adapter for up to 2-1/2" of adjustability
- Additional riser(s) available for deeper burial depth
- Polyethylene construction

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- Lightweight and easy to install
- Maximum operating temperature 140° F
- Highway rated (16,000 lb. load) bolted, gas/water tight composite cover. (H-20 cast iron available)

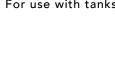
ACCESSORIES

FIELD-ADJUSTABLE RISERS

SEE PRODUCT SPECIFICATIONS FOR RISER OPTIONS

SR-16

For use with tanks with 16" cover



SR-24

SHORT RISER For use with tanks with 24" cover



LR-24

LONG RISER For use with tanks with 24" cover



Tilt adapter up to 6.5° in all directions to match grade.







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CPRK Corrugated Pipe Riser Kit

Uses 18" Inner Diameter ADS N-12 Dual Wall HDPE Pipe (by others)









HIGH WATER TABLE HOLD DOWN KITS

HDK-2



Compatible with:

OS-50, OS-75, OS-100, OS-500 OS-50-SS, OS-75-SS, OS-100-SS AA-L, AA-XL-4, AA-XL-6 PS-50-S, PS-125-S, PS-275-S CB-50-S, CB-125-S, CB-275-S CB-50-G, CB-125-G LB-50, LB-125, LB-275 BB-275

HDK-500



Compatible with: OT-500, OT-500-SS

HDK-750



Compatible with: OT-750, OT-750-SS

HDK-1000



Compatible with: OT-1000, OT-1000-SS

HDK-1500



Compatible with: OT-1500, OT-1500-SS

HDK-CWT-500



Compatible with: BB-500, LB-500

HDK-1

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Compatible with:

OS-750, OS-1000, OS-1500 LB-750, LB-1000, LB-1500 BB-750, BB-1000, BB-1500

¥ Visit STRIEMCO.COM for a comprehensive list of all products.

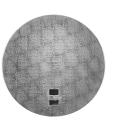
ACCESSORIES

COVERS









C16-M

INDOOR

LOCATION: **DIAMETER:** TYPE:

16" **BOLTED POLYPRO** 2,500 LBS. LOAD RATING:

C24-M

INDOOR

24" **BOLTED COMPOSITE** 2,000 LBS.

C24-H

INDOOR / OUTDOOR 24" **BOLTED COMPOSITE** 16,000 LBS.

C24-HP

OUTDOOR 24" PICKABLE CAST IRON 16,000 LBS. H-2O RATED

NOTES

