

MANUFACTURERS OF

OIL SEPARATORS | SOLIDS INTERCEPTORS | CHEMICAL WASTE TANKS

PRODUCT CATALOG, NO. 6



TABLE OF CONTENTS

OIL SEPARATORS

SAMPLE PORT

ACCESSORIES

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

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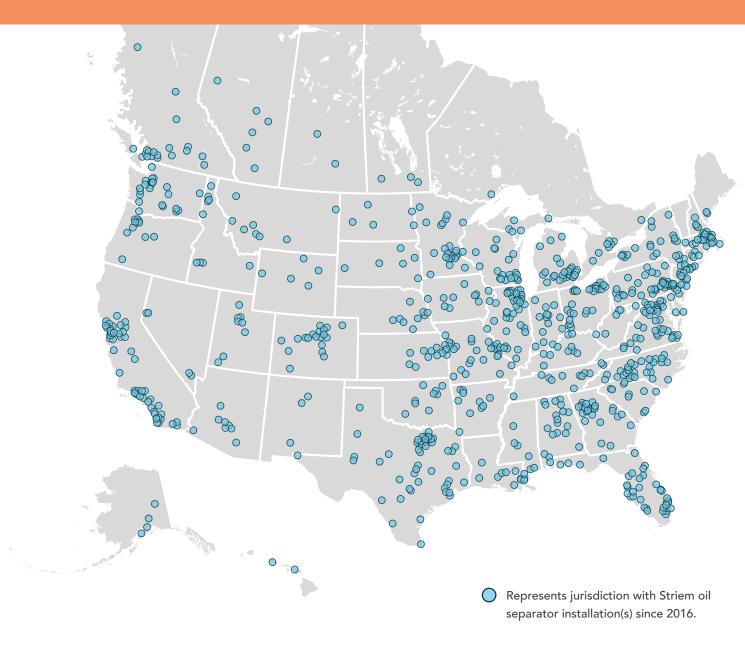




CUSTOMER SERVICE HOURS: 8 AM - 5 PM CST

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

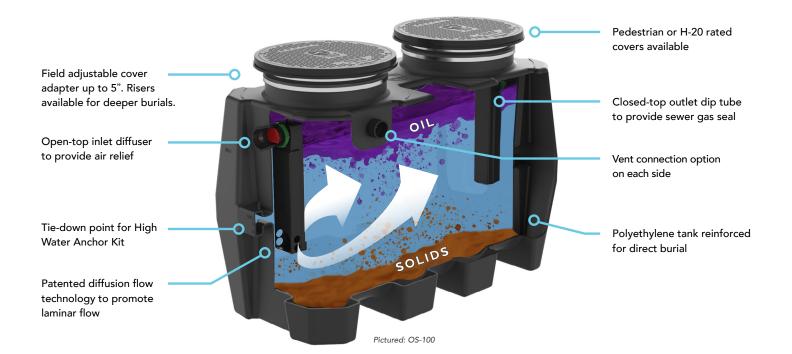
OIL SEPARATORS

OS SERIES













Covers See page 26 for more details



C24-H Traffic-rated bolted

composite

5



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











OS-15

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

SAND CAPACITY: 1 GAL. WEIGHT: 28 LBS. COVER: PEDESTRIAN-RATED

OIL CAPACITY: 10 GAL



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.

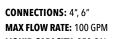
SAND CAPACITY: 11 GAL. WEIGHT: 130 LBS. COVER: TRAFFIC-RATED



OS-100

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

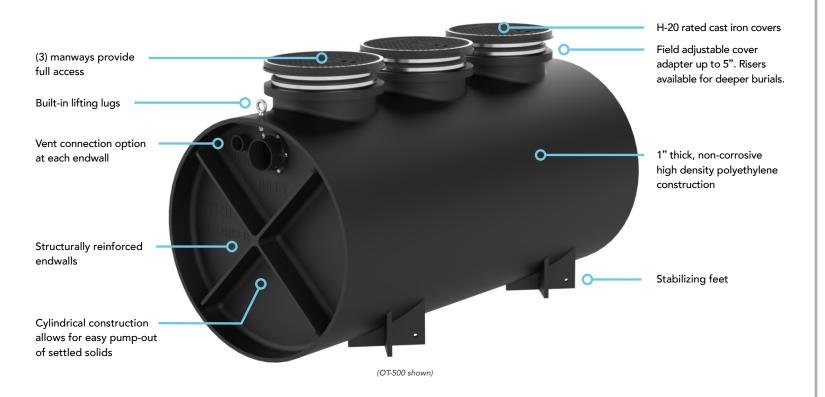
OIL TANKER™ SERIES













OT-500

CONNECTIONS: 4", 6", 8"

OIL CAPACITY: 285 GAL.

MAX FLOW RATE: 314 GPM

LIQUID CAPACITY: 560 GAL.





SAND CAPACITY: 162 GAL. WEIGHT: 1,000 LBS. **COVER:** CAST IRON



OT-750







CONNECTIONS: 4", 6", 8" MAX FLOW RATE: 314 GPM LIQUID CAPACITY: 750 GAL. OIL CAPACITY: 323 GAL.

SAND CAPACITY: 295 GAL. **WEIGHT:** 1,200 LBS. **COVER:** CAST IRON

OPTIONS



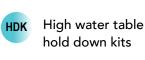


See page 24 for more details



LR-24





See page 25 for more details



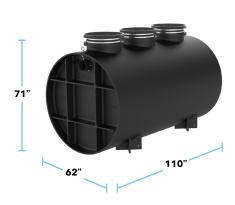


Slick Stick[™] oil level monitoring system

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 OIL CAPACITY: 370 GAL.

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



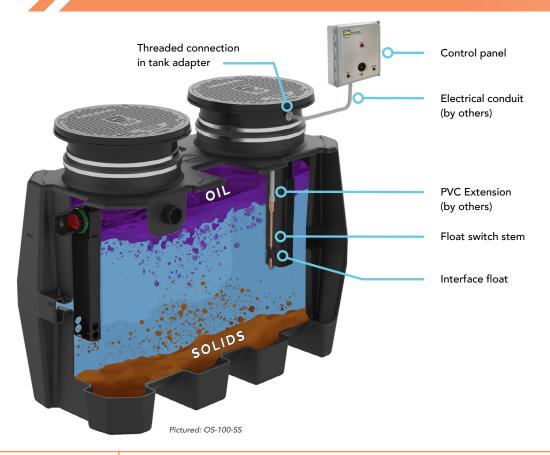
OT-1500

CONNECTIONS: 4", 6", 8" MAX FLOW RATE: 314 GPM LIQUID CAPACITY: 1,500 GAL. OIL CAPACITY: 488 GAL.

SAND CAPACITY: 825 GAL. **WEIGHT:** 1,600 LBS. COVER: CAST IRON

OIL LEVEL MONITORING **SYSTEM**

SLICK STICK™







Control panel & float switch





Cover adapter with conduit connection & junction box

MODELS

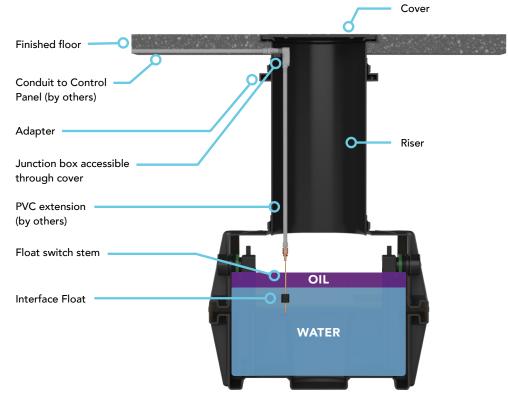


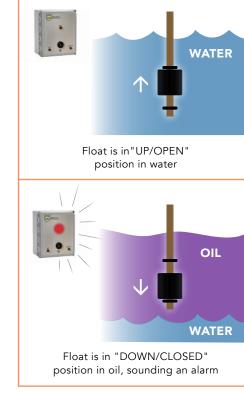
- OS-50-SS
- OS-75-SS
- OS-100-SS
- OT-500-SS
- OT-750-SS
- OT-1000-SS
- OT-1500-SS

FEATURES



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





Pictured: OS-75-SS

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.

10

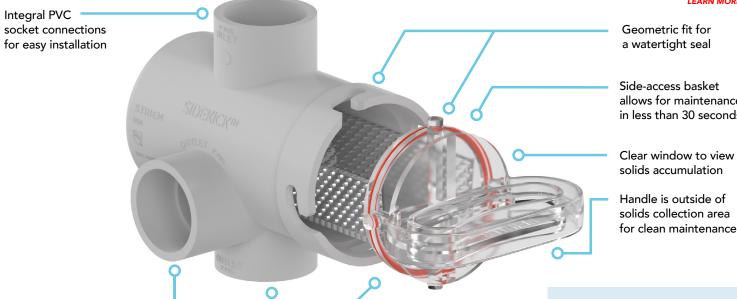


POINT-OF-USE SIDE-ACCESS SOLIDS INTERCEPTOR









allows for maintenance in less than 30 seconds

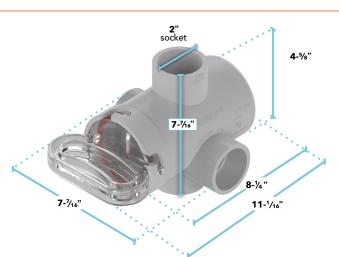
solids collection area for clean maintenance

PARTS INCLUDED:

- 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



COMMERCIAL KITCHENS



DOG WASH & **PET KENNELS**



ART ROOM SINKS



BARBER SHOPS & HAIR SALONS



UTILITY SINKS

BASKET-STYLE

SOLIDS INTERCEPTORS

Recommended for DIY maintenance

AARDVARK™ SERIES





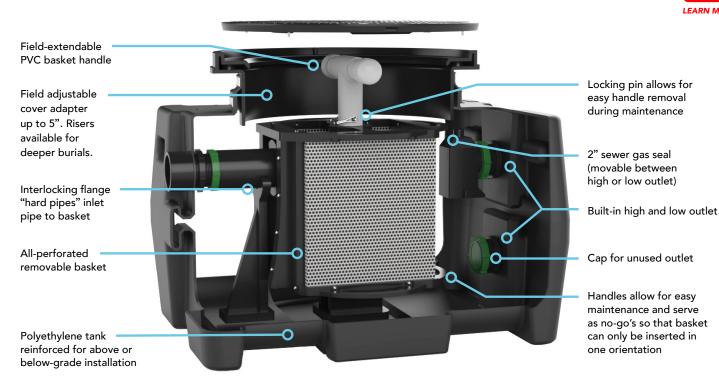




AVAILABLE ONLINE FOR ALL PRODUCTS

RFA DWG PDF





(AA-M shown)

AA-S SMALL

CONNECTIONS: 2", 3"

MAX FLOW RATE: 35 GPM LIQUID CAPACITY: 16 GAL. (high outlet), 4 GAL. (low outlet)

AA-M MEDIUM

CONNECTIONS: 3", 4" MAX FLOW RATE: 50 GPM

LIQUID CAPACITY: 38 GAL. (high outlet),

12 GAL. (low outlet)

SOLIDS CAPACITY: 6 GAL. WEIGHT: 83 LBS.

COVER: PEDESTRIAN-RATED



AA-L LARGE

CONNECTIONS: 3", 4" 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

SOLIDS CAPACITY: 2 GAL.

COVER: PEDESTRIAN-RATED

WEIGHT: 42 LBS.

AA-XL EXTRA LARGE

CONNECTIONS: 4" MAX FLOW RATE: 100 GPM

LIQUID CAPACITY: 110 GAL. (high outlet), 30 GAL. (low outlet)

SOLIDS CAPACITY: 10 GAL. WEIGHT: 143 LBS. **COVER:** TRAFFIC-RATED

APPLICATIONS



LAUNDRY FACILITIES



COMMERCIAL **KITCHENS**



DOG WASH & PET KENNELS



ART ROOM SINKS



BARBER SHOPS & HAIR SALONS



PROCESSING

OPTIONS

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



High water hold down kits See page 25 for more details



Covers

See page 26 for more details



Traffic-rated bolted

composite



H-20 rated pickable

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: 126 GPM LIQUID CAPACITY: 110 GAL.

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



PS-275-S

CONNECTIONS: 4", 6" MAX FLOW RATE: 126 GPM LIQUID CAPACITY: 250 GAL. **SOLIDS CAPACITY: 210 GAL.** WEIGHT: 270 LBS. **COVER:** TRAFFIC-RATED

SAND

INTERCEPTORS





CB-50-S

CONNECTIONS: 2", 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

CONNECTIONS: 4"

MAX FLOW RATE: 126 GPM **LIQUID CAPACITY:** 110 GAL.

SOLIDS CAPACITY: 70 GAL. WEIGHT: 130 LBS. COVER: TRAFFIC-RATED



CB-125-G

CONNECTIONS: 4", 6" MAX FLOW RATE: 126 GPM **LIQUID CAPACITY: 110 GAL.**

SOLIDS CAPACITY: 70 GAL. WEIGHT: 213 LBS.



CB-275-S

CONNECTIONS: 4", 6" MAX FLOW RATE: 126 GPM LIQUID CAPACITY: 250 GAL. COVER: TRAFFIC-RATED

SOLIDS CAPACITY: 200 GAL

WEIGHT: 230 LBS.

OPTIONS

COVER: CAST IRON GRATE









Traffic-rated bolted

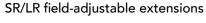
composite

H-20 rated pickable









See page 24 for more details

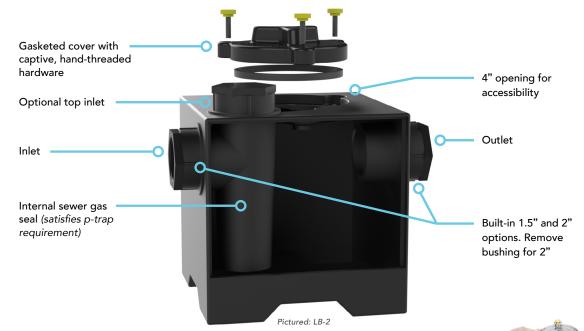






UNDER COUNTER NEUTRALIZATION TANKS

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

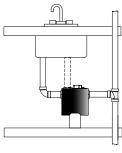


LB-5

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

APPLICATION LAYOUTS

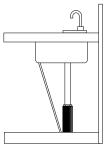
LB-2



LAB SINK

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

LB-2-ADA



LAB SINK

CENTRALIZED

NEUTRALIZATION TANKS

LAB BASIN™ SERIES





LB-15

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

LIMESTONE LOAD: 200 LBS.



LB-25

CONNECTIONS: 2", 3" LIMESTONE LOAD: 300 LBS. LIQUID CAPACITY: 21 GAL. WEIGHT: 31 LBS. # OF LAB SINKS: 6 **COVER:** PEDESTRIAN-RATED

WEIGHT: 28 LBS. **COVER:** PEDESTRIAN-RATED



LB-35

LIQUID CAPACITY: 38 GAL.

OF LAB SINKS: 9

CONNECTIONS: 2", 3", 4"

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



LB-50









LIMESTONE LOAD: 650 LBS.

CONNECTIONS: 2", 3", 4" LIQUID CAPACITY: 57 GAL. # OF LAB SINKS: 15

WEIGHT: 92 LBS. COVER: PEDESTRIAN-RATED



LB-125

OF LAB SINKS: 35





CONNECTIONS: 3", 4", 6" LIQUID CAPACITY: 110 GAL.

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



LB-275

CONNECTIONS: 3", 4", 6"

OF LAB SINKS: 75

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: 6,500 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: 1,090 LBS. COVER: TRAFFIC-RATED



LB-1000

CONNECTIONS: 4", 6", 8" # **OF LAB SINKS:** 260

LIQUID CAPACITY: 1,000 GAL. WEIGHT: 1,215 LBS.

LIMESTONE LOAD: 13,000 LBS.

COVER: TRAFFIC-RATED



LB-1500

LIMESTONE LOAD: 19,500 LBS.

CONNECTIONS: 4", 6", 8" LIQUID CAPACITY: 1500 GAL. WEIGHT: 1,350 LBS. **# OF LAB SINKS:** 375 **COVER:** TRAFFIC-RATED

OPTIONS





High water hold down kits

See page 25 for more details

LR-24



Limestone

Covers See page 26 for more details



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 (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-275 24" HDK



CONNECTIONS: 2", 3", 4", 6" LIQUID CAPACITY: 250 GAL. WEIGHT: 230 LBS. COVER: TRAFFIC-RATED



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:** 1,090 LBS. COVER: TRAFFIC-RATED



BB-1000 24"



CONNECTIONS: 2", 3", 4", 6" LIQUID CAPACITY: 1,000 GAL.

WEIGHT: 1,215 LBS. COVER: TRAFFIC-RATED



BB-1500 24"

COVER: TRAFFIC-RATED

CONNECTIONS: 2", 3", 4", 6" LIQUID CAPACITY: 1,500 GAL. **WEIGHT:** 1,350 LBS.



AVA-3

Single-level monitoring package

MONITORING PACKAGES

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
- 2. 19.92 GPM x 15 minutes = 298.8 gallons
- 3. Select Bio Basin™ model BB-500 (584 liquid holding gallons)

OPTIONS



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



High water hold down kits See page 25 for more details









WASTEWATER SAMPLING PORT

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

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

ACCESSORIES

FIELD-ADJUSTABLE RISERS

SEE PRODUCT SPECIFICATIONS FOR RISER OPTIONS

For use with tanks with 16" cover



SHORT RISER For use with tanks with 24" cover

SR-24



LR-24



Tilt adapter up to 6.5° in all directions.







CPRK Corrugated Pipe Riser Kit

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









LONG RISER

For use with tanks with 24" cover



HIGH WATER ANCHOR KITS

ACCESSORIES

COVERS

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 SI-UPC-1016 LB-50, LB-125, LB-275 BB-275 CB-50-SFL, CB-125-SFL, CB-275-SFL FLI-125, FLI-275 OCT-50, OCT-125, OCT-275 OS-100-OMAHA

HDK-500



Compatible with:

OT-500, OT-500-SS, OS-500-WSSC

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, OS-1600-WSSC

HDK-CWT-500



Compatible with: BB-500, LB-500

HDK-1

25



Compatible with:

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







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

