




# LEGACY PRODUCTS CATALOG

effective through Dec 31<sup>st</sup> 2014

**SCHIER**  
PRODUCTS



**Ben Ismert**  
President &  
Lead Engineer

We are a family-owned American manufacturer dedicated to providing you with products that offer incredible value. All of our passion and attention is put into these products. They are loaded with features you asked us to incorporate so that your interaction with them would be easier and better.

We believe in creating and delivering a memorable customer experience. You deserve it. It begins when you call us and get a real live person with answers and continues while our products serve your application for a lifetime.

*To those of you who we have not worked with, I ask that you trust us with your business. I am confident you will be happy with your investment. To our customers who have given us the opportunity to serve you, we value your business and we thank you.*

*Ben Ismert*



# TABLE OF CONTENTS

## GREASE INTERCEPTORS

Trapper II™ wet inlet grease interceptors .....3

## OIL/SAND SEPARATORS

Oil Reserve™ oil collection tanks .....5

## SOLIDS INTERCEPTORS

HLT/B and USI Series under counter solids interceptors .....10

Prospector™ (-B) basket style solids interceptors .....11

Prospector™ (-S) screen style solids interceptors .....13

Settler™ catch basins for sand and sediment .....15

## CHEMICAL WASTE TANKS

Lab Rat™ under counter neutralization tanks ..... 20

Lab Basin™ neutralization tanks ..... 21

NT Series neutralization tanks .....23

Command Center™ pH monitoring package .....25

Bio Basin™ decontamination tanks .....27

## SUPPLEMENTAL PRODUCTS

Flow Splitter™ wastewater flow distributor ..... 29

## APPENDIX

Terms and Conditions ..... 30

Lifetime Warranty ..... 30

# NOTE:



grease interceptors



oil separators



solids interceptors



chemical waste tanks



process systems

This catalog is dedicated to our legacy products. For our signature products, please visit [schierproducts.com](http://schierproducts.com).

# CUSTOMER SUPPORT

7:00 a.m. – 5:00 p.m. CST (Monday through Friday)

Tel: 1-913-951-3300

Fax: 1-913-951-3399

email: [inquiry@schierproducts.com](mailto:inquiry@schierproducts.com)

## PARTNER UP

[schierproducts.com/partnerup](http://schierproducts.com/partnerup)

Go to this link to join the Schier mailing list. You'll receive updates via email on the following subjects only: product changes, new products and sizing tools, and local educational events. You can remove yourself from the list at any time.

## THE INTERCEPTOR WHISPERER BLOG

[theinterceptorwhisperer.blogspot.com](http://theinterceptorwhisperer.blogspot.com)

Go to this link for in-depth and original information from the world of grease interceptors.



# TRAPPER II™ SERIES

## wet inlet grease interceptor series

The Trapper II™ Series is a “wet inlet” style grease interceptor recommended specifically for the replacement of Rockford G-Series and GF-Series, MIFAB MI-ROC Series and the obsolete Schier AT-Series and ATG-Series.



**Corroded Wet Inlet Grease Interceptor**



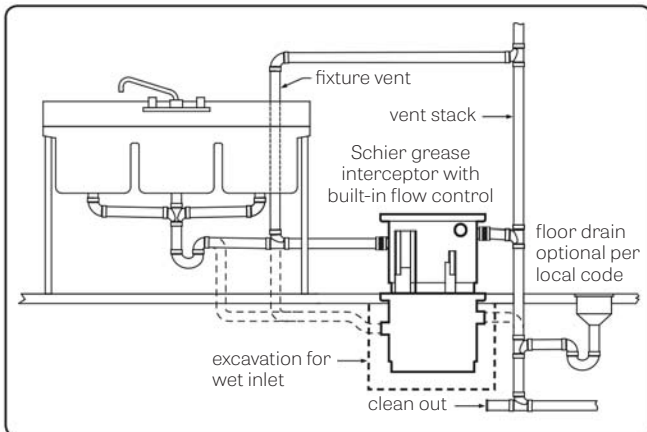
**Trapper II™ Side View with Diffusion Flow™**

**Features:** lifetime warranty | heavy-duty polyethylene | built-in flow control | built-in triple outlet | 500 lb. load rated HDPE cover | plain end (Sch. 40) connections | water/air-tight gasket seal | key-fit frame with molded-in stainless steel inserts and low profile hardware

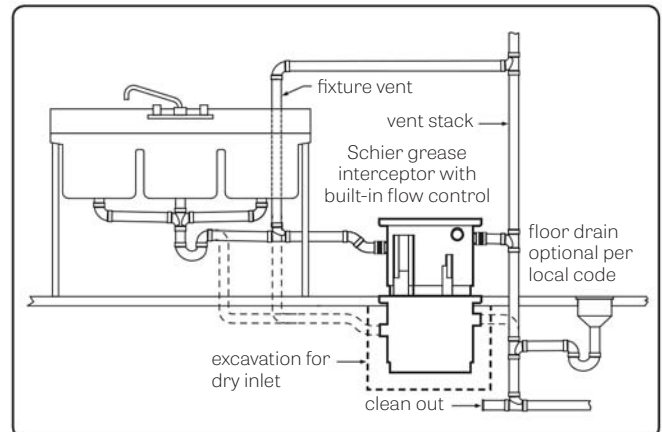
### Application Specific Details

Where possible, “roll down” the inlet line using (2) 45-degree street elbows. If space is constrained (2) 22-degree elbows may be used. Installation without “roll down” of inlet line will result in standing water in inlet line and may result in backups into floor drains/sinks during peak flows. For best option, eliminate original “wet inlet” piping, reset with “dry inlet” piping and install Great Basin™ interceptor.

#### Installation Recommendation for Replacement of “Wet Inlet” Style Grease Interceptors



#### Installation Recommendation for New Construction or Replacement of “Dry Inlet” Style Grease Interceptors



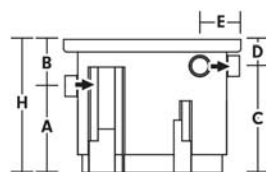
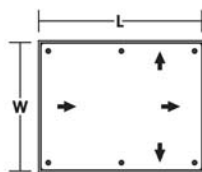
### Specifications

Schier Model	Capacity			Pipe Sizes			Rough-in Dimensions (in.)						Poly Cover Load Rating (lbs.)	Weight (lbs.)			
	Flow Rate (GPM)	Grease (lbs.)	Liquid (gal.)	Plain End SCH40		Optional Male Thread (no charge)	Body			Inlet		Outlet		Dry	Wet		
				Standard	Optional (no charge)		L	W	H	A	B	C				D	E
PATG-1412	10	20	5.3	2	3	2, 3	17½	15¼	15	8⅝	6⅝	10¼	4¾	6	500	22	66
PATG-1815	15	60	10	2	3	2, 3	23½	15¼	18½	11	7½	13½	5	6	500	27	110
PATG-15-LO	15	60	10	2	3	2, 3	24½	18½	10¾	6	4¾	7½	3¼	5¾	500	37	120
PATG-1820	20	70	17	2	3	2, 3	25½	19¼	19¼	12	7¼	14¼	5	6¼	500	37	179
PATG-20-LO	20	80	21	2	3	2, 3	30½	24 ½	13¾	6 ½	7¼	10¼	3½	5¾	500	60	235
PATG-2025	25	98	28	3	2	2, 3	29¾	23 ½	23¼	13	10¼	16	7¼	6⅞	500	62	296
PATG-2420	30	109	31	3	2, 4	2, 3	29¾	23½	23¼	14 ½	8¾	17⅞	5⅝	6⅞	500	62	321
PATG-30-LO	30	90	23	3	2	2, 3	34½	24½	13¾	6 ½	7¼	10¼	3½	5¾	500	62	254
PATG-2635	35	120	40	3	2, 4	2, 3, 4	29¾	23½	28½	16½	12	21	7½	6⅞	500	73	407
PATG-35-LO	35	98	28	3	2	2, 3	40½	24½	13¾	6 ½	7¼	10¼	3½	5¾	500	75	308
PATG-2824	40	180	54	4	3	3, 4	31¾	26	32½	21 ½	11	25¾	6¾	6⅞	500	85	535
PATG-3050	50	259	60	4	3	3, 4	35¼	26	32½	21 ½	11	25¾	6¾	6⅞	500	95	595
PATG-50-LO	50	128	41	3	4	3, 4	54	24¾	16¼	6¾	9½	11	5¼	12	500	107	449
PATG-3224	60	288	67	4	3	3, 4	38¾	26	32½	21½	11	25¾	6¾	6⅞	500	105	664
PATG-3475	75	300	80	4	3	3, 4	39	28½	32½	22	10½	26¼	6¼	6⅞	500	125	792
PATG-3628	100	350	110	4	3	3, 4	41¼	35½	32½	22	10½	26¼	6¼	6⅞	500	160	1,078

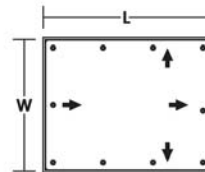


Models PATG-2025 & PATG-3050 are certified to ASME A112.14.3 and listed by IAPMO. All other models are manufactured to conform to that standard.

#### PATG-1412 through PATG-3628



#### Low Profile Model (-LO Suffix)



### List Prices

Schier Model	Base Unit	Bolt-On Risers (dimensions shown from top of unit)				Standard Poly Cover	1/4" Steel Tread Cover		May Ship Parcel
		4" to 24"		>24" to 36"			Part #	Price	
		Part #	Price	Part #	Price				
PATG-1412	\$650	R1412-424	\$792	R1412-2436	\$1,054	Included	CS1412	P.O.A.	✓
PATG-1815	\$836	R1815-424	\$850	R1815-2436	\$1,176	Included	CS1815	P.O.A.	✓
PATG-15-LO	\$1,066	n/a	n/a	n/a	n/a	Included	n/a	n/a	✓
PATG-1820	\$944	R1820-424	\$916	R1820-2436	\$1,544	Included	CS1820	P.O.A.	✓
PATG-20-LO	\$1,410	n/a	n/a	n/a	n/a	Included	n/a	n/a	✓
PATG-2025	\$1,126	R2025-424	\$916	R2025-2436	\$1,544	Included	CS2025	P.O.A.	✓
PATG-2420	\$1,126	R2420-424	\$916	R2420-2436	\$1,544	Included	CS2420	P.O.A.	✓
PATG-30-LO	\$1,680	n/a	n/a	n/a	n/a	Included	n/a	n/a	✓
PATG-2635	\$1,472	R2635-424	\$916	R2635-2436	\$1,544	Included	CS2635	P.O.A.	✓
PATG-35-LO	\$1,886	n/a	n/a	n/a	n/a	Included	n/a	n/a	✓
PATG-2824	\$1,704	R2824-424	\$1,012	R2824-2436	\$1,880	Included	CS2824	P.O.A.	✓
PATG-3050	\$1,802	R3050-424	\$1,118	R3050-2436	\$2,098	Included	CS3050	P.O.A.	✓
PATG-50-LO	\$2,512	n/a	n/a	n/a	n/a	Included	n/a	n/a	✓
PATG-3224	\$2,426	R3224-424	\$1,226	R3224-2436	\$2,310	Included	CS3224	P.O.A.	✓
PATG-3475	\$2,818	R3475-424	\$1,264	R3475-2436	\$2,374	Included	CS3475	P.O.A.	✓
PATG-3628	\$3,370	R3628-424	\$1,690	R3628-2436	\$3,218	Included	CS3628	P.O.A.	✓

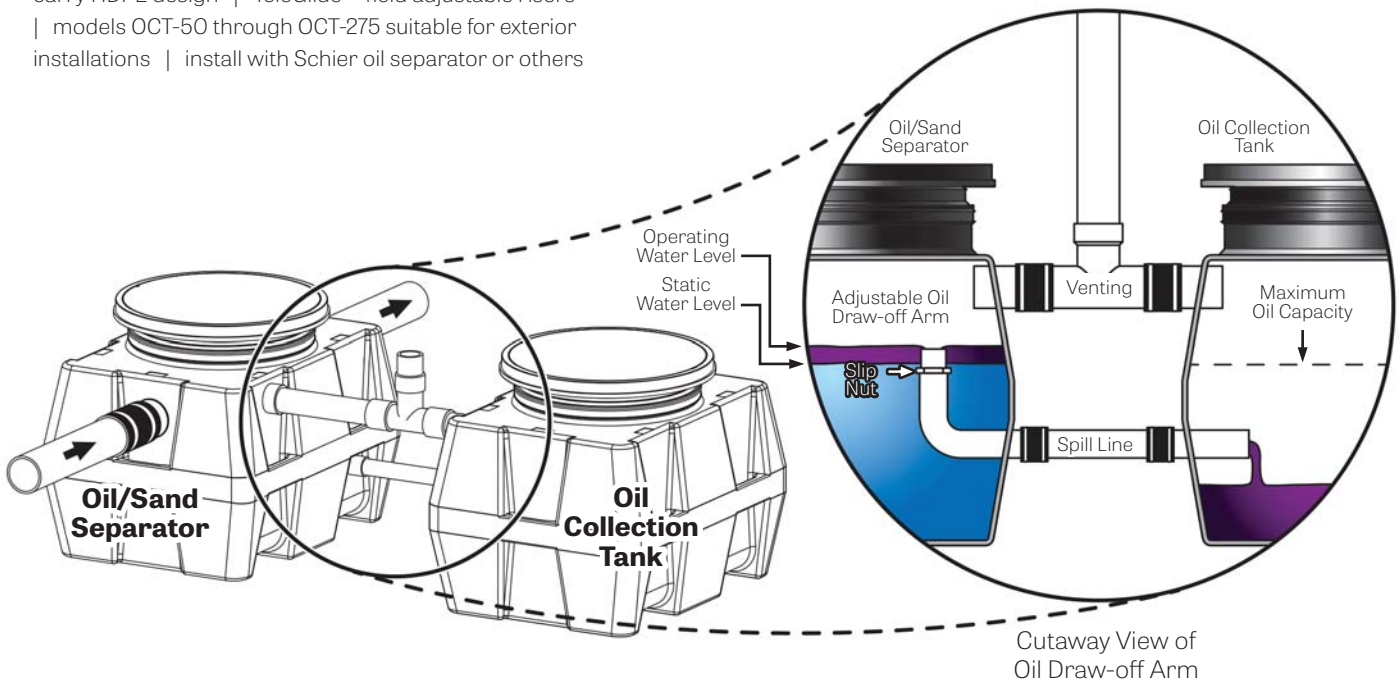
# OIL RESERVE™

## oil collection tanks

Oil Reserve™ Collection Tanks in conjunction with Schier oil/sand separators (see Catalog 2014) maximize oil storage capacity and pump-out frequency. The collection tank also provides more accurate oil level monitoring.



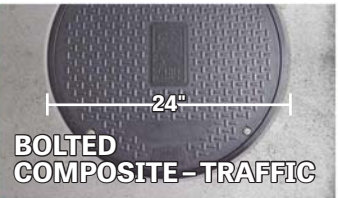



**Features:** above grade or buried installations | easy to carry HDPE design | TeleGlide™ field adjustable risers | models OCT-50 through OCT-275 suitable for exterior installations | install with Schier oil separator or others



## Oil Reserve™ Covers

Covers are provided with water/air tight gasket seal and are designed to fit tightly into a key-fit frame.

indoor covers		outdoor covers	
			
<b>BOLTED POLYPROPYLENE</b>	<b>BOLTED COMPOSITE</b>	<b>BOLTED COMPOSITE – TRAFFIC</b>	<b>PICKABLE CAST IRON – H2O (optional)</b>
<b>OCT-15, OCT-25</b> 2,000 lbs. pedestrian load rating	<b>OCT-35, OCT-50</b> 2,000 lbs. pedestrian load rating	<b>OCT-50 (optional), OCT-125, OCT-275</b> 16,000 lbs. highway load rating	<b>OCT-50, OCT-125, OCT-275</b> 16,000 lbs. H2O Load Rating

## Specifications

Schier Model	Oil Capacity		Pipe Size (Plain End SCH.40)		Rough-in Dimensions (in.)									Weight (lbs.)	
	Cubic Feet	Gallons	Inlet	Vent	Body			Vent		Inlet		Vent/Inlet	Adapter Adjustability (add to B, D & H)	Dry	Wet
					L	W	H	A	B	C	D				
OCT-15	2.1	16	2	3	25	19	14¼	11¼	3	4	10 ¼	5½	n/a	28	166
OCT-25	2.9	22	2	3	27	21	15	11½	3½	4	11	6 ¼	n/a	31	220
OCT-35	4.7	35	2	3	33	25	25	17	8	5½	19½	7½	3 ½	77	369
OCT-50	7	52	2	3	37	28	28½	20	8½	6½	22	9	3 ½	92	525
OCT-125	16.7	125	2	3	46	32	38½	28½	10	21½	17	12	6	130	1,171
OCT-275	36.8	275	2	3	68	33½	51½	40	11½	31	20½	16	6	230	2,313

OCT-15

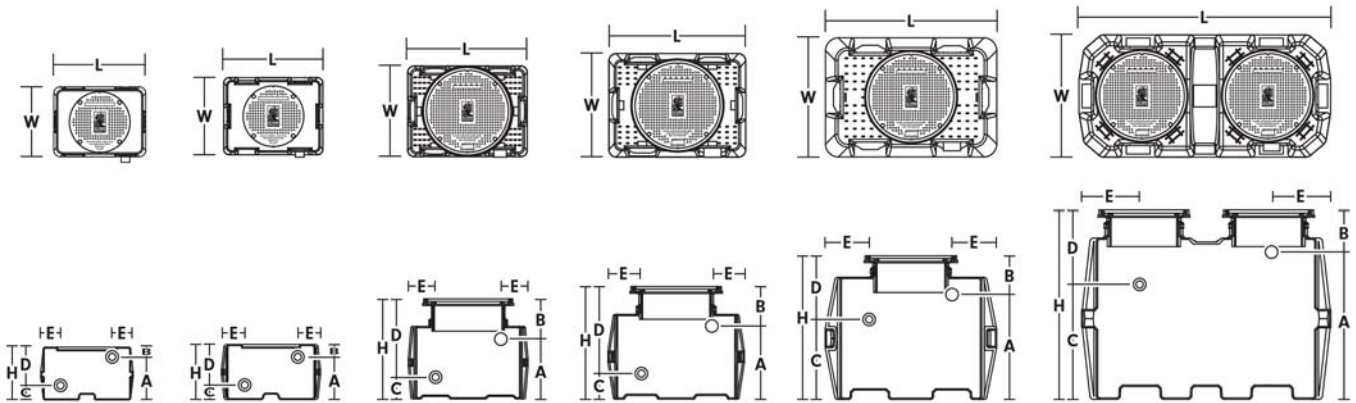
OCT-25

OCT-35

OCT-50

OCT-125

OCT-275



## List Prices

Schier Model	Base Unit	Miscellaneous Options					
		High Water Anchor Kit		Upgrade to Highway Rated Bolted Composite Cover		Upgrade to H-20 Rated Pickable Cast Iron Cover	
		Part #	Price	Part #	Price	Part #	Price
OCT-15	\$1,004	n/a		n/a		n/a	
OCT-25	\$1,306	n/a		n/a		n/a	
OCT-35	\$1,532	n/a		n/a		n/a	
OCT-50	\$2,040	AK1	\$560	C24-H	\$210	C24-HP	\$210
OCT-125	\$2,750	AK1	\$560	included		C24-HP	n/c
OCT-275	\$5,486	AK1	\$560	included		C24-HP (2)	n/c

### Monitoring Packages

AVA-3: Single Level Monitoring Package  
Remote audio/visual alarm panel and explosion proof stainless steel float switch.  
List \$2,194



AVA-4: Multi-level Monitoring Package  
Remote audio/visual alarm panel and explosion proof multi-level float switch.  
List \$4,822



## TeleGlide™ Riser Order Guide

Desired Riser Height (in.)			Risers Needed	Price	
OCT-15 OCT-25	OCT-35 OCT-50	OCT-125 OCT-275		Standard	OCT-275
>2½ - 16	n/a	n/a	16 Series Riser (SR-16)	\$370	n/a
n/a	0 - 3½	0 - 6	24 Series Adapter	included	
n/a	>3½ - 22	>6 - 24	24 Series Short Riser (SR24)	\$528	\$1,056
n/a	>22 - 37	>24 - 39	24 Series Long Riser (LR24)	\$664	\$1,328
n/a	n/a	>39 - 43	24 Series Short + Short (SR24 + SR24)	\$1,056	\$2,112
n/a	n/a	>43 - 58	24 Series Short + Long (SR24 + LR24)	\$1,192	\$2,384
n/a	n/a	>58 - 72	24 Series Long + Long (LR24 + LR24)	\$1,328	\$2,656

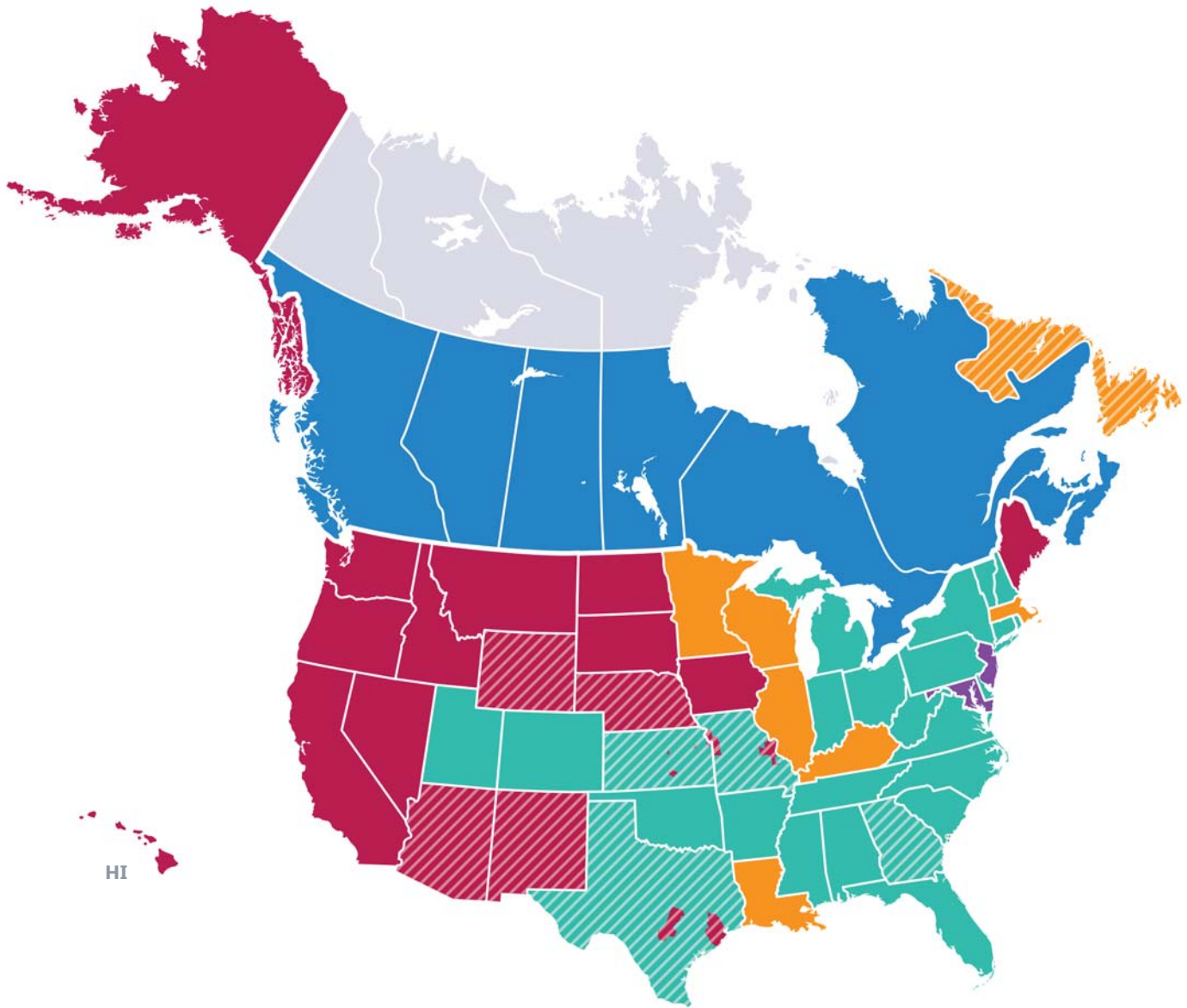
**NOTE 1:** When ordered with float switch, add 2" measuring finished cover to centerline of all connections and subtract 2" from available riser height. **NOTE 2:** OCT-275 has two covers requiring a set of two TeleGlide™ risers when ordered. **NOTE 3:** When upgraded covers are purchased separately, the full price of \$442 will apply.



# SOLIDS INTERCEPTORS

## plumbing code digests

Solids Interceptors are required anywhere that heavy and suspended solids may be introduced to the public sewer system in applications such as: barber shops, dentist offices, salons, artist studios, laundry facilities, machine shops, food waste, parking lots, car washes, food processing, livestock and agricultural drainage. These wastes must be separated prior to entering the public sewer system.



	<b>Statewide/ Province Wide</b>	<b>International Plumbing Code (IPC)</b>	<b>Independent Plumbing Code</b>	<b>National Plumbing Code of Canada (NPCC)</b>
	<b>By Municipality</b>	<b>Uniform Plumbing Code (UPC)</b>	<b>National Standard Plumbing Code (NSPC)</b>	<b>Not Available</b>

**NOTE:** plumbing code map and digests may not be applicable in some situations. Review plumbing codes and any locally adopted ordinances for specific requirements regarding sizing, installation and maintenance of solids interceptors.

## MODEL PLUMBING CODES

---

**IPC (2012)** – Interceptors and separators shall be provided to prevent the discharge of substances harmful or hazardous to the public sewer, the private sewage system or the sewage treatment plant or processes. Sand interceptors must have a water seal of not less than 6". Laundry facilities serving more than an individual dwelling unit shall be provided with an interceptor to capture debris such as strings, rags, buttons or other materials detrimental to the public sewage system larger than ½". Bottling plants shall discharge process wastes into an interceptor to separate broken glass or other solids prior to discharge to the drainage system. Slaughterhouses shall discharge slaughtering room and dressing room drains into an interceptor to separate feathers, entrails and other materials that cause clogging.

**UPC (2012)** – Interceptors and separators shall be provided to prevent the discharge substances harmful or hazardous to the public sewer, the private sewage system or the sewage treatment plant or processes. Sand interceptors must have a water seal of not less than 6". Slaughterhouses (fish, fowl or animal), meat packing or curing (fish, fowl or animal), soap factory, tallow-rendering, fat-rendering, and hide-curing establishments shall discharge drains into an interceptor. A private or public wash rack, or floor or slab used for cleaning machinery or machine parts shall discharge drains into an interceptor. Laundry equipment in commercial and industrial buildings that does not have integral strainers, shall discharge into an interceptor to capture debris such as strings, rags, buttons or other materials detrimental to the public sewage system larger than ½". Bottling plants shall discharge process wastes into an interceptor to separate broken glass or other solids prior to discharge to the drainage system.

**NPCC (2010)** – Where a fixture discharges sand, grit or similar materials, an interceptor designed for the purpose of trapping such discharges shall be installed. Every interceptor shall have sufficient capacity to perform the service for which it is provided.

**NSPC (2012)** – Interceptors or other means shall be provided where required to prevent liquid wastes containing sand, solids or other harmful substances from entering a building drainage system, a public or private sewer, or sewage treatment plant or process. Where oil separators are installed in parking garages and other areas where the waste flow will include sand, dirt, or similar solids, a sand interceptor shall be provided upstream of the oil separator. A combination oil separator and sand separator shall be permitted to be installed. A sand interceptor shall be provided downstream from any drain whose discharge may contain sand, sediment, or similar matter on a continuing basis that would tend to settle and obstruct the piping in the drainage system. A solids interceptor shall be provided where necessary to prevent harmful solid materials from entering the drainage system on a continuing basis, such as aquarium gravel, barium, ceramic chips, clay, cotton, denture grindings, dental silver, fish scales, gauze, glass particles, hair, jewels, lint, metal grindings, plaster, plastic grindings, precious metal chips, sediment, small stones, and solid food particles. Commercial laundries shall be equipped with one or more lint interceptors that will prevent passage into the drainage system of solids ½" or larger in size including strings, rags, buttons, lint and other materials that would be detrimental to the drainage system. Bottling plants shall discharge their process wastes into a solids separator that will retain broken glass and other solids, before discharging liquid wastes to the drainage system. Drains in slaughtering rooms and dressing rooms shall be equipped with separators or interceptors that will prevent the discharge into the drainage system of feathers, entrails, and other waste materials that are likely to clog the drainage system. Shampoo sinks in barbershops, beauty parlors, and other grooming facilities shall have hair interceptors installed in lieu of regular traps.

## INDEPENDENT PLUMBING CODES

---

**Part 890 Illinois Plumbing Code** – All motor vehicle wash racks shall drain into a catch basin at least 36 inches in diameter or 3 feet by 2½ feet (rectangle). The bottom shall not be less than 27 inches below the invert of the outlet pipe. The outlet pipe shall be trapped with a catch basin trap, constructed of cast iron or schedule 40 plastic with a seal of at least 6 inches in diameter and a cleanout of at least 4 inches in diameter. Commercial laundries shall discharge into an interceptor having a removable wire basket or similar device to prevent harmful materials from entering the sewage system. Sand, bottle and slaughter houses that will produce wastes that either settle or float shall have an interceptor installed.

**Kentucky State Plumbing Code (2013)** – Basic Principle No. 8 says that a drainage system should be designed, constructed and maintained to guard against fouling, deposit of solids and clogging, and with adequate cleanouts so arranged that the pipes may be readily cleaned.

**Louisiana Plumbing Code (2013)** – Sand and similar interceptors for heavy solids shall have a water seal of not less than 2 inches. Commercial laundries shall be equipped with an interceptor having a removable wire basket or similar device that will prevent strings, rags, buttons, or other harmful materials ½ inch and larger from entering the drainage system. Bottling plants shall discharge their process wastes into an interceptor to prevent broken glass or other solids from entering the drainage system. Slaughterhouse room drains shall be equipped with separators to prevent the discharge of feathers, entrails and other materials likely to clog the drainage system.

**248 CMR Massachusetts Plumbing Code** – Wherever a floor drain discharges waste to an oil and gasoline separator, the floor drain shall be equipped with an approved sediment and sand control basket, or the floor drain shall discharge through a sand interceptor. Multiple floor drains may discharge into one sand interceptor. Sand and similar interceptors for heavy solids shall have a water seal of not less than six inches. Commercial laundries shall be equipped with an interceptor

having a removable wire basket or similar device that will prevent strings, rags, buttons, or other harmful materials ½ inch and larger from entering the drainage system. Bottling plants shall discharge their process wastes into an interceptor to prevent broken glass or other solids from entering the drainage system. Slaughterhouse room drains shall be equipped with separators to prevent the discharge of feathers, entrails and other materials likely to clog the drainage system.

**Minnesota Plumbing Code (2012)** – Sand and similar interceptors for heavy solids shall have a water seal of not less than six inches. Commercial laundries shall be equipped with an interceptor having a removable wire basket or similar device that will prevent strings, rags, buttons, or other harmful materials ½ inch and larger from entering the drainage system. Bottling plants shall discharge their process wastes into an interceptor to prevent broken glass or other solids from entering the drainage system. Slaughterhouse room drains shall be equipped with separators to prevent the discharge of feathers, entrails and other materials likely to clog the drainage system.

**Wisconsin Administrative Code (2011)** – Commercial laundries require a laundry interceptor equipped with a wire basket or other device which will capture string, buttons and other solids ½" and larger. A floor receptor, trench or trough may serve as a laundry interceptor, if no oils or sand are discharged into it. In-line interceptors shall have a minimum inside diameter or horizontal dimension of 24" and shall be provided with a vent. Wastes containing glass of bottling establishments, dairy wastes from dairy product processing plants, and the wastes from meat processing areas, slaughtering rooms and meat dressing rooms, in order to prevent the discharge of feathers, entrails, blood and other materials, shall be discharged through an interceptor. Sand interceptors and other similar interceptors for heavy solids shall be designed so that the outlet is submerged to form a trap with a water seal of at least 12". Plaster sinks shall be provided with plaster and heavy solids trap type interceptors which shall be installed as the fixture trap.

# SOLIDS INTERCEPTORS

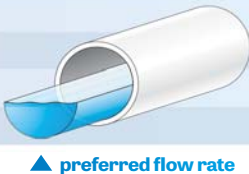

## sizing guidelines

### For General Applications

Schier Products recommends that solids interceptors first be sized by pipe size, then by selecting the unit with the appropriate sediment capacity to provide an acceptable cleaning frequency. For flow rate (GPM) sizing by pipe size (see table below).

#### Flow Rates (GPM) by Pipe Size

pipe size (nominal)	per Manning's Formula*	
	half pipe flow (design flow)	maximum full pipe flow
2	9.67	19.44
3	29.33	58.67
4	62.96	125.77
6	187.74	375.47

\* 1/4" pitch slope based on Manning's Formula with friction factor N=0.012"

### For Lint Applications

Schier Products recommends the following sizing guidelines.

**Step 1 of 2:** Select interceptor with appropriate drain line pipe size.

For example, if your primary drain line is 4", choose models with standard 4" connections (models PS-50-S and up).

**Step 2 of 2:** Complete formula, then select interceptor with appropriate lint capacity based on maintenance interval.

#### 30-Day Professional Maintenance Interval

Gallons of Lint Per Day <sup>1</sup>	×	Number of Machines	×	30 Days	=	Gallons of Lint Per Month	Recommended Prospector (-S) Model
0.0495		5		30		7.4	PS-15-S
0.0495		7		30		10.4	PS-25-S
0.0495		12		30		17.8	PS-35-S
0.0495		18		30		26.7	PS-50-S
0.0495		42		30		62.4	PS-125-S
0.0495		141		30		209.4	PS-275-S

#### Weekly Do-It-Yourself Maintenance Interval<sup>2</sup>

Gallons of Lint Per Day <sup>1</sup>	×	Number of Machines	×	7 Days	=	Gallons of Lint Per Week	Recommended Prospector (-B) Model
0.0495		6		7		2	PS-15-B
0.0495		9		7		3	PS-25-B
0.0495		14		7		5	PS-35-B
0.0495		23		7		8	PS-50-B
0.0495		29		7		10	PS-125-B
0.0495		38		7		13	PS-275-B

**NOTE 1:** Average wash cycle time of a commercial laundry machine = 42 minutes. Average business hours of a commercial laundry facility = 16 hours. Average lint output per wash of 20-60 lb. commercial laundry machine = 0.009 gallons (1.14 oz.). Average wash cycles per day of a commercial laundry machine = 5.5 cycles. Lint output may vary based on clothes type. For example, towels and linens yield high lint levels while clothing will yield lower lint levels. Data developed by Schier Products with assistance from Alliance Laundry Systems ([www.unimac.com](http://www.unimac.com)) and the Coin Operated Laundry Association ([www.coinlaundry.org](http://www.coinlaundry.org)).

**NOTE 2:** Periodic maintenance by professional may be required to fully pump down the interceptor.

# HLT/B SERIES

## under counter solids interceptors

specifications & submittals

formats available online



**Features:** lightweight HDPE body | handles temperatures up to 190° F | 4" threaded and gasket-sealed port | removable type 304 stainless steel basket with 3/32" perforations | for hair and lint applications

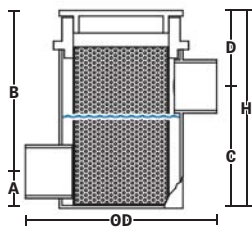
### Specifications

Schier Model	Liquid Capacity (gal.)	Access Location	Plain End Connections	Rough-in Dimensions (in.)						Weight (lbs.)	
				Body		Inlet		Outlet		Dry	Wet
				OD	H	A	B	C	D		
HLT-1176-1	0.5	Top	1½	8½	8¾	1⅝	7⅞	5⅝	3⅜	5	9
HLT-1176-2	0.5	Top	2	8½	8¾	1⅝	7⅞	5⅝	3⅜	5	9
HLB-1176-1	0.5	Bottom	1½	8½	8¾	3⅝	5⅝	7⅞	1⅝	5	9
HLB-1176-2	0.5	Bottom	2	8½	8¾	3⅝	5⅝	7⅞	1⅝	5	9

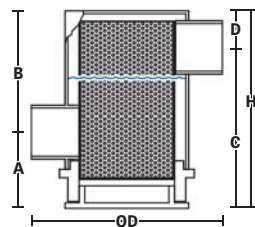
### List Prices

Schier Model	Base Unit
HLT-1176-1	\$356
HLT-1176-2	\$356
HLB-1176-1	\$356
HLB-1176-2	\$356

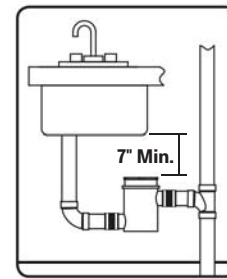
HLT-1176



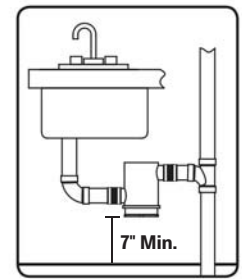
HLB-1176



HLT-1176 Installation



HLB-1176 Installation



# USI SERIES

## under counter solids interceptors

**Features:** lightweight HDPE body | handles temperatures up to 190° F | gasket-sealed cover with hand threaded clamps | removable HDPE bucket with 3/16" filter screen | for plaster, clay and heavy solids

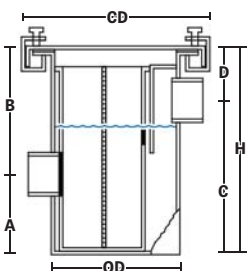
### Specifications

Schier Model	Liquid Capacity (gal.)	Access Location	Plain End Connections	Rough-in Dimensions (in.)						Weight (lbs.)		
				Body		Inlet		Outlet		Dry	Wet	
				OD	CD	H	A	B	C			D
USI-1180-1	1.2	Top	1½	7	11	11¾	4⅜	7⅜	8⅜	3⅜	8	18
USI-1180-2	1.2	Top	2	7	11	11¾	4⅜	7⅜	8⅜	3⅜	8	18
USI-1184-1	1.2	Bottom	1½	7	11	11¾	3⅜	8⅜	7⅜	4⅜	8	18
USI-1184-2	1.2	Bottom	2	7	11	11¾	3⅜	8⅜	7⅜	4⅜	8	18

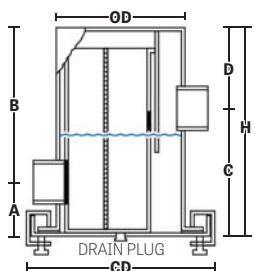
### List Prices

Schier Model	Base Unit
USI-1180-1	\$366
USI-1180-2	\$366
USI-1184-1	\$366
USI-1184-2	\$366

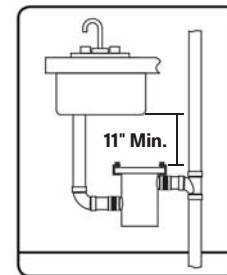
USI-1180



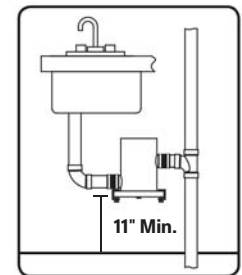
USI-1184



USI-1180 Installation



USI-1184 Installation





# PROSPECTOR™ (-B) SERIES

## basket style solids interceptors

Prospector™ Basket-Style Solids Interceptors provide a removable filter basket to allow for DIY (do-it-yourself) maintenance and to catch valuables that need to be retrieved. Intermittent professional maintenance may be required.



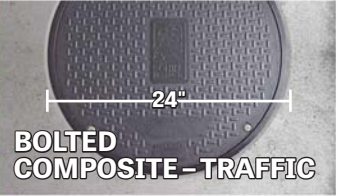



**Features:** above grade or buried installations | easy to carry HDPE design | 6 models with sediment capacities from 2 gallons up to 197 gallons | removable filter basket | TeleGlide™ field adjustable risers | models PS-50-B through PS-275-B suitable for exterior installations



## Prospector™ (-B) Covers

Covers are provided with water/air tight gasket seal and are designed to fit tightly into a key-fit frame.

indoor covers		outdoor covers	
			
<b>BOLTED POLYPROPYLENE</b>	<b>BOLTED COMPOSITE</b>	<b>BOLTED COMPOSITE – TRAFFIC</b>	<b>PICKABLE CAST IRON – H2O (optional)</b>
<b>PS-15-B, PS-25-B</b> 2,000 lbs. pedestrian load rating	<b>PS-35-B, PS-50-B</b> 2,000 lbs. pedestrian load rating	<b>PS-50-B (optional), PS-125-B, PS-275-B</b> 16,000 lbs. highway load rating	<b>PS-50-B, PS-125-B, PS-275-B</b> 16,000 lbs. H2O Load Rating

## Specifications

Schier Model	Capacity and Rating		Pipe Sizes			Rough-in Dimensions (in.)					Weight (lbs.)		
	Total Liquid (gal.)	Basket Capacity (gal.)	Plain End SCH40		Optional Male Thread (no charge)	Body			Inlet/Outlet		Adapter Adjustability (add to B & H)	Dry	Wet
			Standard	Optional Plain (see list prices)		L	W	H	A	B			
PS-15-B	16	2	2	3	2,3	25	19	14 1/4	10	4 1/4	n/a	32	165
PS-25-B	22	3	3	2	2,3	27	21	15	10 3/4	4 1/4	n/a	39	223
PS-35-B	35	5	3	2,4	2,3,4	33	25	25	15	10	3 1/2	86	378
PS-50-B	52	8	4	2,3	2,3,4	37	28	28 1/2	18	10 1/2	3 1/2	109	543
PS-125-B	125	10	4	6	4	46	32	38 1/2	26	12 1/2	6	148	1,191
PS-275-B	275	13 basket / 197 screen	4	6	4	68	33 1/2	51 1/2	38	13 1/2	6	259	2,553

PS-15-B

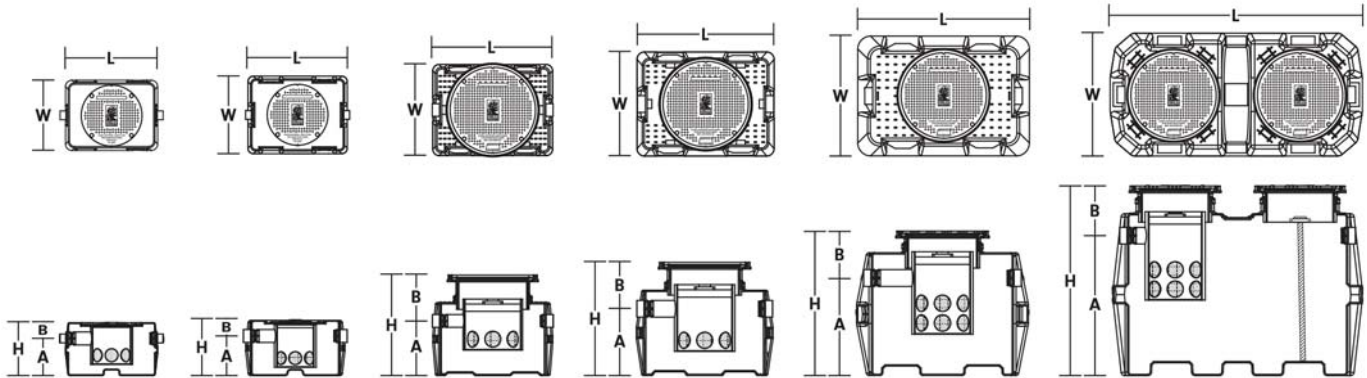
PS-25-B

PS-35-B

PS-50-B

PS-125-B

PS-275-B



\*Basket and screen combo configurations for PS-275-B

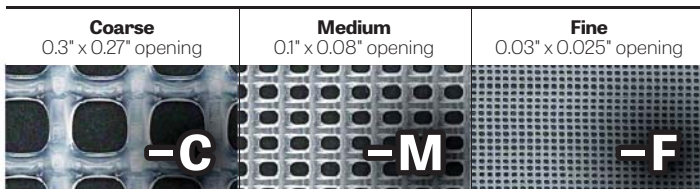
Follow Steps 1-4 for complete Prospector™ quote.

### List Prices

Schier Model	① Choose Base Unit	② Miscellaneous Options							
		High Water Anchor Kit		*Upgrade to Highway Rated Bolted Composite Cover		*Upgrade to H-20 Rated Pickable Cast Iron Cover		Alternate Plain End Pipe Sizes	
		Part #	Price	Part #	Price	Part #	Price	Size	Price
PS-15-B	\$1,014	n/a		n/a		n/a		3	n/c
PS-25-B	\$1,522	n/a		n/a		n/a		2	n/c
PS-35-B	\$1,850	n/a		n/a		n/a		2,4	n/c
PS-50-B	\$2,370	AK1	\$560	C24-H	\$210	C24-HP	\$210	2,3	n/c
PS-125-B	\$4,098	AK1	\$560	included		C24-HP	n/c	6	\$60
PS-275-B	\$6,572	AK1	\$560	included		C24-HP(2)	n/c	6	\$60

\* When ordered with solids interceptor.

### ③ Polypropylene Basket Filter Options (actual sizes shown)



**NOTE 1:** Select appropriate basket filter suffix in step 3 to complete model number. **NOTE 2:** Subtract 1" from adapter and riser range when PS-35-B is ordered with 4" connections. **NOTE 3:** PS-275-B has two covers requiring a set of two TeleGlide™ risers when ordered.

### ④ TeleGlide™ Riser Order Guide

Desired Riser Height (in.)			Risers Needed	Price	
PS-15-B PS-25-B	PS-35-B PS-50-B	PS-125-B PS-275-B		Standard	PS-275-B
>2 1/8 - 16	n/a	n/a	16 Series Riser (SR-16)	\$370	n/a
n/a	0 - 3 1/2	0 - 6	24 Series Adapter	included	
n/a	>3 1/2 - 22	>6 - 24	24 Series Short Riser (SR24)	\$528	\$1,056
n/a	>22 - 37	>24 - 39	24 Series Long Riser (LR24)	\$664	\$1,328
n/a	n/a	>39 - 43	24 Series Short + Short (SR24 + SR24)	\$1,056	\$2,112
n/a	n/a	>43 - 58	24 Series Short + Long (SR24 + LR24)	\$1,192	\$2,384
n/a	n/a	>58 - 72	24 Series Long + Long (LR24 + LR24)	\$1,328	\$2,656

# PROSPECTOR™ (-S) SERIES

## screen style solids interceptors

Prospector™ Screen-Style Solids Interceptors provide a removable filter screen to allow for professional pumping maintenance.



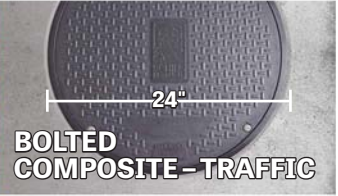



**Features:** above grade or buried installations | easy to carry HDPE design | 6 models with sediment capacities from 8 gallons up to 210 gallons | removable filter screen | TeleGlide™ field adjustable risers | models PS-50-S through PS-275-S suitable for exterior installations



## Prospector™ (-S) Covers

Covers are provided with water/air tight gasket seal and are designed to fit tightly into a key-fit frame.

indoor covers		outdoor covers	
			
<b>BOLTED POLYPROPYLENE</b>	<b>BOLTED COMPOSITE</b>	<b>BOLTED COMPOSITE - TRAFFIC</b>	<b>PICKABLE CAST IRON - H2O (optional)</b>
<b>PS-15-S, PS-25-S</b> 2,000 lbs. pedestrian load rating	<b>PS-35-S, PS-50-S</b> 2,000 lbs. pedestrian load rating	<b>PS-50-S (optional), PS-125-S, PS-275-S</b> 16,000 lbs. highway load rating	<b>PS-50-S, PS-125-S, PS-275-S</b> 16,000 lbs. H2O Load Rating



## Specifications

Schier Model	Capacity and Rating			Pipe Sizes			Rough-in Dimensions (in.)					Weight (lbs.)		
	Total Liquid (gal.)	Solids Capacity (gal.)	No. of Washing Machines	Plain End SCH40		Optional Male Thread (no charge)	Body			Inlet/Outlet		Adapter Adjustability (add to B & H)	Dry	Wet
				Standard	Optional Plain (see list prices)		L	W	H	A	B			
PS-15-S	16	8	up to 2	2	3	2, 3	25	19	14 1/4	10	4 1/4	n/a	29	162
PS-25-S	22	11	up to 3	3	2	2, 3	27	21	15	10 3/4	4 1/4	n/a	35	219
PS-35-S	35	17.5	up to 4	3	2, 4	2, 3, 4	33	25	25	15	10	3 1/2	83	375
PS-50-S	52	26	up to 6	4	2, 3	2, 3, 4	37	28	28 1/2	18	10 1/2	3 1/2	106	550
PS-125-S	125	62.5	up to 14	4	6	4	46	32	38 1/2	26	12 1/2	6	140	1,183
PS-275-S	275	210	up to 47	4	6	4	68	33 1/2	51 1/2	38	13 1/2	6	270	2,564

**PS-15-S**

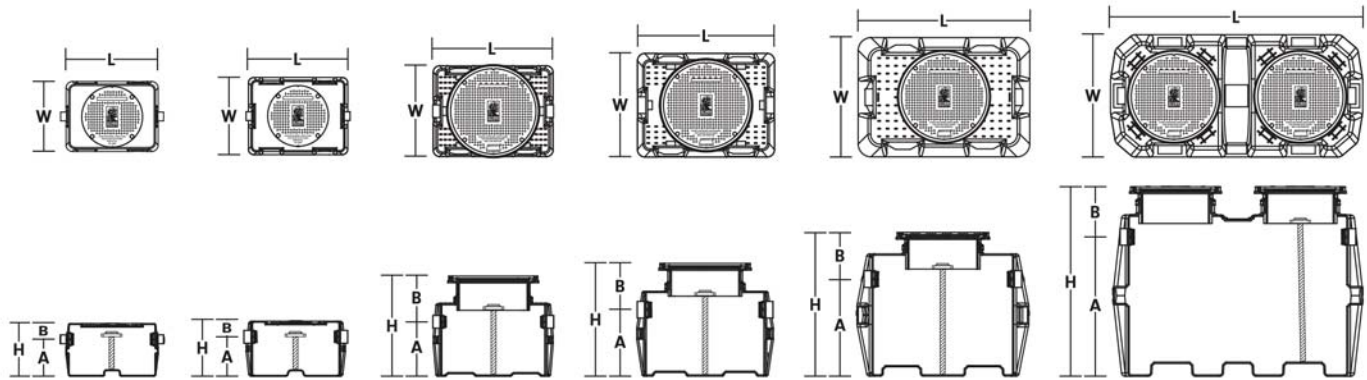
**PS-25-S**

**PS-35-S**

**PS-50-S**

**PS-125-S**

**PS-275-S**



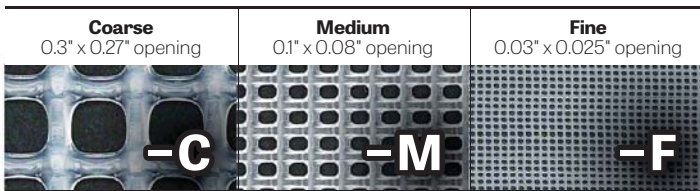
**Follow Steps 1-4 for complete Prospector™ quote.**

### List Prices

Schier Model	① Choose Base Unit	② Miscellaneous Options							
		High Water Anchor Kit		*Upgrade to Highway Rated Bolted Composite Cover		*Upgrade to H-20 Rated Pickable Cast Iron Cover		Alternate Plain End Pipe Sizes	
		Part #	Price	Part #	Price	Part #	Price	Size	Price
PS-15-S	\$1,014	n/a		n/a		n/a		3	n/c
PS-25-S	\$1,522	n/a		n/a		n/a		2	n/c
PS-35-S	\$1,720	n/a		n/a		n/a		2, 4	n/c
PS-50-S	\$2,458	AK1	\$560	C24-H	\$210	C24-HP	\$210	2, 3	n/c
PS-125-S	\$3,982	AK1	\$560	included		C24-HP	n/c	6	\$60
PS-275-S	\$6,306	AK1	\$560	included		C24-HP(2)	n/c	6	\$60

\* When ordered with solids interceptor.

### ③ Polypropylene Screen Filter Options (actual sizes shown)



**NOTE 1:** Select appropriate screen filter suffix in step 3 to complete model number. **NOTE 2:** Subtract 1" from adapter and riser range when PS-35-S is ordered with 4" connections. **NOTE 3:** PS-275-S has two covers requiring a set of two TeleGlide™ risers when ordered.

### ④ TeleGlide™ Riser Order Guide

Desired Riser Height (in.)			Risers Needed	Price	
PS-15-S PS-25-S	PS-35-S PS-50-S	PS-125-S PS-275-S		Standard	PS-275-S
>2 1/8 - 16	n/a	n/a	16 Series Riser (SR-16)	\$370	n/a
n/a	0 - 3 1/2	0 - 6	24 Series Adapter	included	
n/a	>3 1/2 - 22	>6 - 24	24 Series Short Riser (SR24)	\$528	\$1,056
n/a	>22 - 37	>24 - 39	24 Series Long Riser (LR24)	\$664	\$1,328
n/a	n/a	>39 - 43	24 Series Short + Short (SR24 + SR24)	\$1,056	\$2,112
n/a	n/a	>43 - 58	24 Series Short + Long (SR24 + LR24)	\$1,192	\$2,384
n/a	n/a	>58 - 72	24 Series Long + Long (LR24 + LR24)	\$1,328	\$2,656



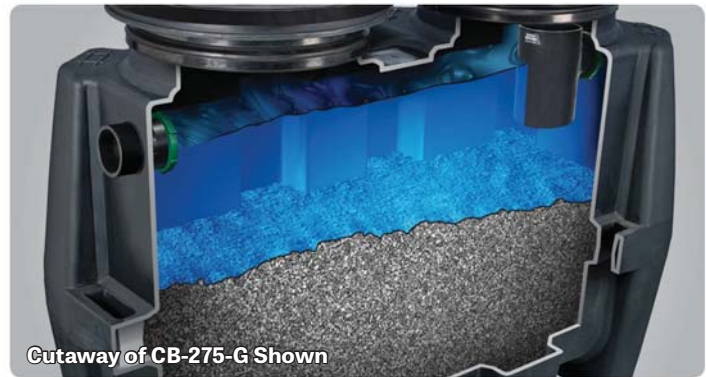
# SETTLER™ SERIES

## catch basins

Settler™ Catch Basins allow sand and sediment to collect from the bottom up and may drain either through a drain line (-S models) or directly through a top inlet grate (-G models). An optional removable filter basket may be ordered with -G models to allow for intermittent DIY (do-it-yourself) maintenance and to catch valuables that need to be retrieved.



**Features:** for buried installations | easy to carry  
 HDPE design | 6 models from 50 to 275 gallons |  
 TeleGlide™ field adjustable riser system | suitable for exterior installations



## Settler™ Covers

Covers are provided with water/air tight gasket seal and are designed to fit tightly into a key-fit frame.

|----- outdoor covers and grate -----|

<p><b>BOLTED COMPOSITE - TRAFFIC</b></p> <p>CB-50-S, CB-125-S, CB-275-S</p> <p>16,000 lbs. highway load rating</p>	<p><b>PICKABLE CAST IRON - H2O (optional)</b></p> <p>CB-50-S, CB-125-S, CB-275-S</p> <p>16,000 lbs. H2O load rating</p>	<p><b>PICKABLE GRATE - H2O</b></p> <p>CB-50-G, CB-125-G, CB-275-G</p> <p>16,000 lbs. H2O load rating</p>
--	---	--

## Specifications

Schier Model	Capacity		Pipe Sizes			Rough-in Dimensions (in.)						Weight (lbs.)	
	Total Liquid (gal.)	Optional Basket Capacity (gal.)	Plain End SCH.40		Optional Male Thread (no charge)	Body			Inlet/Outlet		Adapter Adjustability (add to B & H)	Dry	Wet
			Standard	Optional (see list prices)		L	W	H	A	B			
CB-50-S	52	n/a	4	3	3, 4	37	28	28 1/2	18	10 1/2	3 1/2	86	520
CB-50-G	52	7	4	3	3, 4	37	28	30 1/8	18	12 1/8	3 1/2	187	621
CB-125-S	125	n/a	4	6	4	46	32	38 1/2	26	12 1/2	6	123	1,166
CB-125-G	125	7	4	6	4	46	32	40 1/8	26	14 1/8	6	213	1,256
CB-275-S	275	n/a	4	6	4	68	33 1/2	51 1/2	38	13 1/2	6	218	2,532
CB-275-G	275	7 ea. (includes 2)	4	6	4	68	33 1/2	53 1/8	38	15 1/8	6	398	2,692

**CB-50-S**

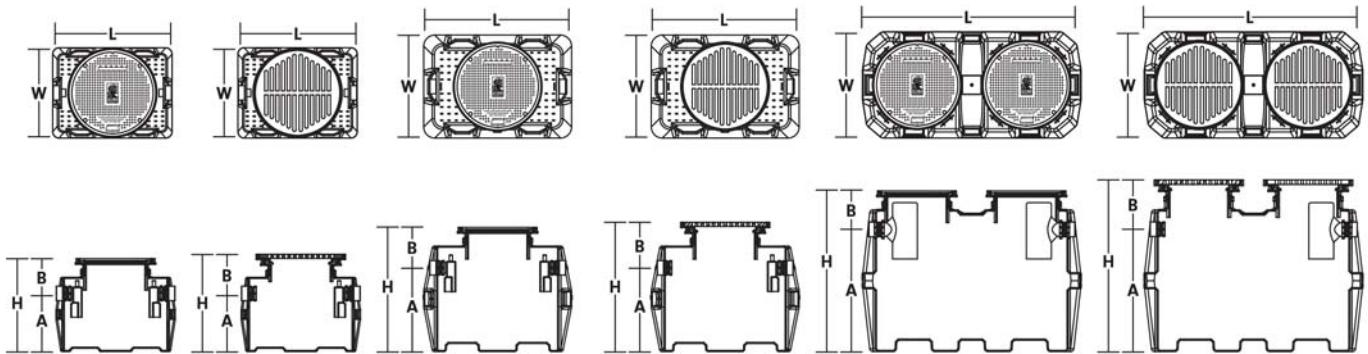
**CB-50-G**

**CB-125-S**

**CB-125-G**

**CB-275-S**

**CB-275-G**



## List Prices

Schier Model	Base Unit	Miscellaneous Options							
		Optional Basket		High Water Anchor Kit		*Upgrade to H-20 Rated Pickable Cast Iron Cover		Alternate Plain End Pipe Sizes	
		Part #	Price	Part #	Price	Part #	Price	Size	Price
CB-50-S	\$1,866	n/a		AK1	\$560	C24-HP	n/c	2, 3	n/c
CB-50-G	\$1,986	BCB-7	\$484	AK1	\$560	n/a		2, 3	n/c
CB-125-S	\$2,106	n/a		AK1	\$560	C24-HP	n/c	6	\$60
CB-125-G	\$2,500	BCB-7	\$484	AK1	\$560	n/a		6	\$60
CB-275-S	\$4,104	n/a		AK1	\$560	C24-HP(2)	n/c	6	\$60
CB-275-G	\$4,954	BCB-7(2)	\$968	AK1	\$560	n/a		6	\$60

\* When ordered with catch basin.



**BCB-7**

Optional 7 gal. sediment basket with coarse filter (0.3" x 0.27" openings) for initial separation of large solids. (weighs 10 lbs.). Must be ordered with catch basin.

## TeleGlide™ Riser Order Guide

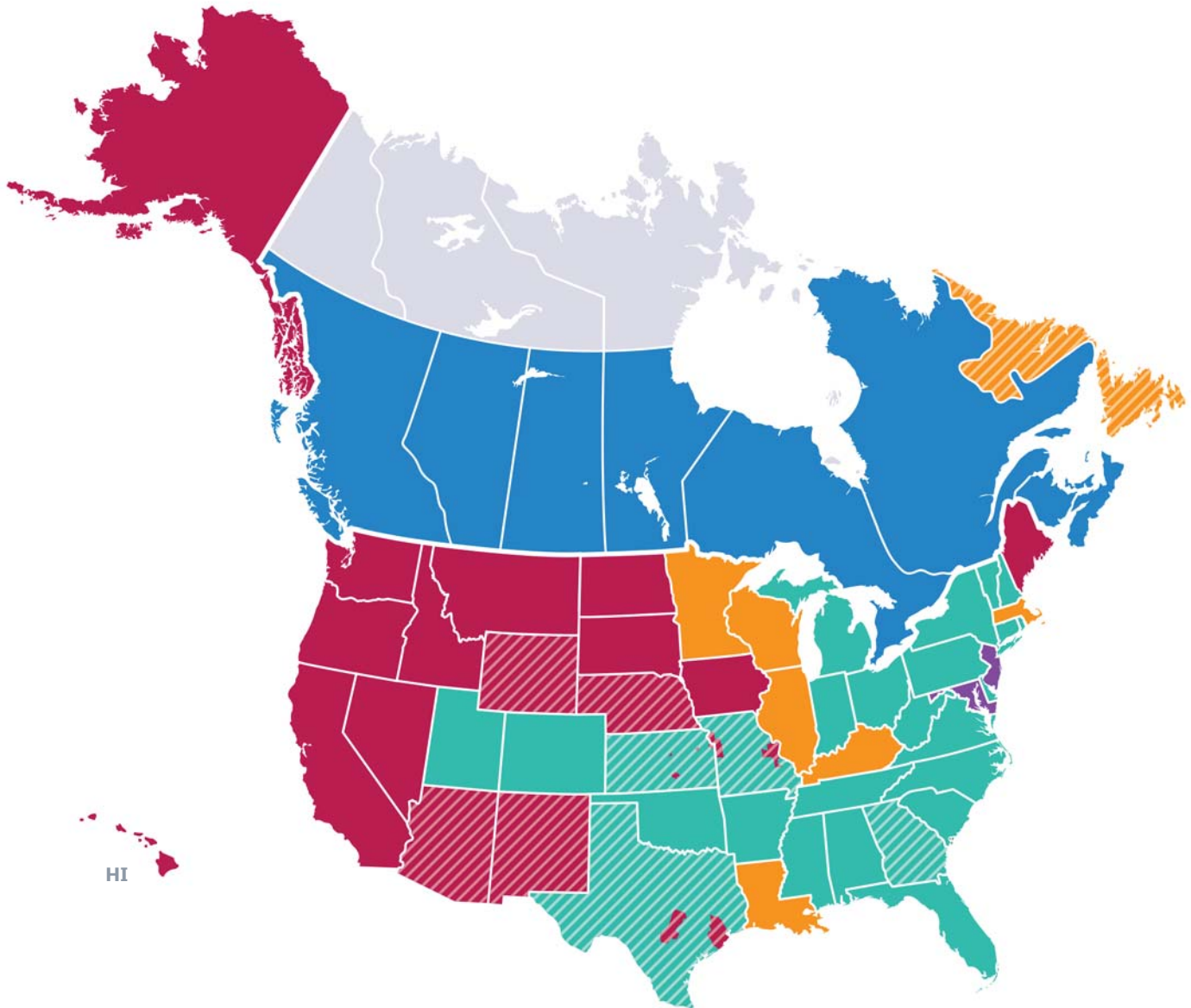
Desired Riser Height (in.)		Risiers Needed	Price	
CB-50-S CB-50-S	CB-125-S, CB-125-G CB-275-S, CB-275-G		Standard	CB-275-S CB-275-G
0 - 3 1/2	0 - 6	24 Series Adapter	included	
>3 1/2 - 22	>6 - 24	24 Series Short Riser (SR24)	\$528	\$1,056
>22 - 37	>24 - 39	24 Series Long Riser (LR24)	\$664	\$1,328
n/a	>39 - 43	24 Series Short + Short (SR24 + SR24)	\$1,056	\$2,112
n/a	>43 - 58	24 Series Short + Long (SR24 + LR24)	\$1,192	\$2,384
n/a	>58 - 72	24 Series Long + Long (LR24 + LR24)	\$1,328	\$2,656


**NOTE:** CB-275-S/CB-275-G have two covers requiring a set of two TeleGlide™ risers when ordered.

# CHEMICAL WASTE TANKS

## code digests

Chemical Waste Tanks are required anywhere that chemical waste may be introduced to the public sewer system in applications such as: school laboratories, linen cleaning facilities, printing shops, photography studios, battery charging stations, biotechnology laboratories, chemical manufacturers, industrial textile plants, food/beer/wine processing plants, hospital decontamination, fire/police stations, manufacturing, nuclear facilities, industrial process, or anywhere an emergency shower or eyewash exists. These wastes must be treated before entering the public sewer system.



	<b>Statewide/ Province Wide</b>		<b>International Plumbing Code (IPC)</b>		<b>Independent Plumbing Code</b>		<b>National Plumbing Code of Canada (NPCC)</b>
	<b>By Municipality</b>		<b>Uniform Plumbing Code (UPC)</b>		<b>National Standard Plumbing Code (NSPC)</b>		<b>Not Available</b>

**NOTE:** plumbing code map and digests may not be applicable in some situations. Review plumbing codes and any locally adopted ordinances for specific requirements regarding sizing, installation and maintenance of chemical waste tanks.

## MODEL PLUMBING CODES

---

**IPC (2012)** – A chemical waste system shall be completely separated from the sanitary drainage system. Corrosive liquids, spent acids or other harmful chemicals that destroy or injure a drain, sewer, soil or waste pipe, or create noxious or toxic fumes or interfere with sewage treatment processes shall not be discharged into the plumbing system without being thoroughly diluted, neutralized or treated by passing through an approved dilution or neutralizing device.

**UPC (2012)** – Chemical or industrial liquid wastes that are likely to damage or increase maintenance costs on the sanitary sewer system, detrimentally affect sewage treatment, or contaminate surface or subsurface waters shall be pretreated to render them innocuous prior to discharge into a drainage system.

**NPCC (2010)** – Where a fixture or equipment discharges corrosive or acid waste, it shall discharge into a neutralizing or dilution tank that is connected to the sanitary drainage system. Each neutralizing or dilution tank shall have a method for neutralizing the liquid.

**NSPC (2012)** – Corrosive liquids, spent acids, or other harmful chemicals that may damage a drain, sewer, soil or waste pipe, create noxious or toxic fumes, or interfere with sewage treatment processes shall not be discharged into the plumbing system without being thoroughly neutralized or treated by passing through a properly constructed and approved neutralizing device.

## INDEPENDENT PLUMBING CODES

---

**Part 890 Illinois Plumbing Code** – Acid and chemical waste piping and fittings, including the trap, shall be of material that will not be damaged by the waste being discharged. Corrosive liquids, spent acids, or other harmful chemicals shall not be discharged into the building sewer without first being properly diluted or neutralized.

**Kentucky State Plumbing Code (2013)** – A corrosive liquid shall not be permitted to discharge into the soil, waste or sewer system unless otherwise permitted by this administrative regulation. The waste shall be thoroughly diluted or neutralized by passing through a properly constructed and acceptable dilution or neutralizing pit before entering the house sewer.

**Louisiana Plumbing Code (2013)** – In no case shall corrosive liquids, spent acids, or other harmful chemicals which might destroy or injure a drain, sewer, soil or waste pipe, or which might create noxious or toxic fumes, discharge into the plumbing system without being thoroughly diluted or neutralized by passing through a properly constructed and acceptable dilution or neutralizing device (generally, utilizing limestone chips).

**248 CMR Massachusetts Plumbing Code** – In no case shall special hazardous wastes discharge into the plumbing system without being thoroughly diluted, neutralized, or treated by passing through a properly constructed and acceptable diluting or neutralizing device. All special hazardous wastes shall be conveyed in separate piping systems.

**Minnesota Plumbing Code (2012)** – Chemical or industrial liquid wastes which are likely to damage or increase maintenance costs on the drainage system, shall be pretreated to render them innocuous prior to discharge into the drainage system, when required by the administrative authority.

**Wisconsin Administrative Code (2011)** – All chemical wastes having a pH level of less than 5.5 or more than 10.0 shall discharge to a holding tank for proper disposal or to a drain system. All chemical wastes discharging into a drain system shall be diluted, neutralized or treated to a pH level of 5.5 to 10.0 by passing through an approved dilution or neutralizing basin before discharging to a building sewer.

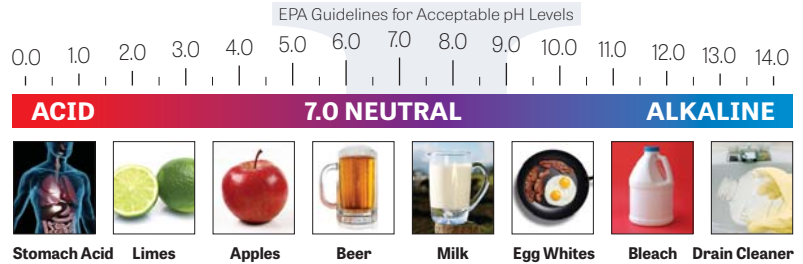


# CHEMICAL WASTE TANKS

## sizing guidelines

### Did You Know?

Plumbing and pretreatment codes require treatment of acidic waste, but make no mention of caustic waste. Caustic waste can be just as harmful and must be considered when choosing the neutralization approach.



### Step 1 of 6: Determine Characteristics of the Waste Stream

- a) If **acidic** – proceed to step 2.      b) If **caustic** or **caustic and acidic**, reagent injection system needed.

### Step 2 of 6: Choose Neutralization System Type

#### Continuous (go to step 3)

Use When	<ul style="list-style-type: none"> <li>Flow is relatively constant and not characterized by large surges.</li> <li>Influent chemistry is relatively constant and not characterized by large swings in pH.</li> <li>Effluent chemistry is not critical, such as the first stage in a multi-stage process.</li> </ul>
Examples	High school, college, and professional labs

#### OR Batch (contact Schier)

Use When	<ul style="list-style-type: none"> <li>Flow is discharged in large batches or there are large fluctuations in flow.</li> <li>Influent chemistry is characterized by large swings in pH.</li> <li>Effluent makeup is critical and pH must be kept within specific parameters.</li> </ul>
Examples	Manufacturing, pharmaceutical, and food processing

### Step 3 of 6: Determine Size of Tank

For all labs, use "Sizing by Sinks" table below to determine tank size to provide adequate residence time for acid neutralization via limestone treatment. Residence times vary significantly based on strength of acid. For more information on required contact time, see "Contact Time" table below.

#### Sizing by Sinks

Per ASPE Plumbing Engineering Design Handbook Volume 3

Number of Lab Sinks	Tank Size (Gal.)	Number of Lab Sinks	Tank Size (Gal.)	Number of Lab Sinks	Tank Size (Gal.)
2	5	30	108	150	500
4	15	40	150	175	550
8	30	50	175	200	650
16	55	60	200	300	1,200
22	75	75	275	500	2,000
27	90	110	360	600	3,000

**NOTE:** Table assumes a "worst case scenario" influent pH of 2 and provides 3 hours residence time at a flow rate of 1 GPH per fixture. See "Contact Time" table for appropriate limestone contact time.

#### Contact Time For Limestone Neutralization of Acids\*



\*Data provided via third party test requested by Schier.

### Step 4 of 6: Consider Solids Pretreatment

Most lab waste contains solids that can clog the acid waste drain system. It is recommended that a solids interceptor be installed in front of centralized neutralization tanks. See the Prospector™ Series on p. 11-14 for more information.

### Step 5 of 6: Determine Tank Material

Schier offers neutralization tanks in both polyethylene and polypropylene. While polyethylene is adequate for most projects, it's important to consider the chemical resistances of polyethylene and polypropylene.

### Step 6 of 6: Consider pH Monitoring

All acid waste streams should be monitored. The monitor acts as both an alarm in the event of system failure and to indicate when the neutralization media needs to be replaced. See Schier's Command Center™ on p. 25-26.

# LAB RAT™ SERIES

## under counter neutralization tanks

specifications & submittals

formats available online



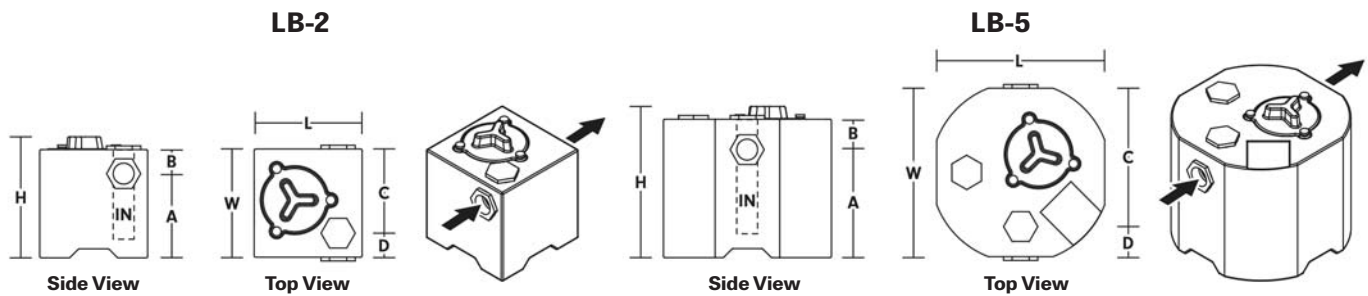
The Lab Rat™ Series of under-counter neutralization tanks for school labs is the most versatile design in the industry with standard top or side inlet connections, hand-threaded cover and adaptability for 1½" or 2" drain lines.

**Features:** 2 and 5 gallons | for under counter sink installations | gasketed top with captive hand-thread hardware | easy to carry HDPE design | combination 1½" or 2" FPT connections standard | built-in top and side inlet options | optional top vent connection (LB-5 only) | internal sewer gas seal



### Specifications

Schier Model	Liquid Capacity (gal.)	Sizing By Number of Sinks	Rough-in Dimensions (in.)								Pipe Connections			Weight (lbs.)		
			Body			Side Inlet/Outlet		Top Inlet			Standard FPT Connections per ANSI B1.20.1	Outlet Location	Optional Top Vent Connection	Dry	Wet	Wet with Limestone
			L	W	H	A	B	C	D							
LB-2	2	1	9	9	10⅞	7	2	7	2	1½ or 2	Top or Side	n/a	6	23	28	
LB-5	5.3	2	14	14	12⅝	9	2½	11½	2½	1½ or 2	Top or Side	included	11	58	80	



**Follow Steps 1-3 for complete Lab Rat™ quote.**

### List Prices

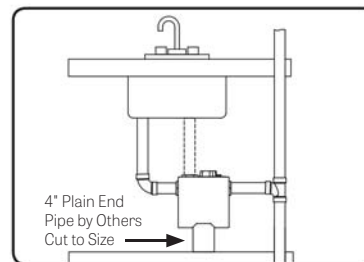
Schier Model	① Base Unit	② Limestone		
		Load (lbs.)	Part #	Price
LB-2	\$214	25	LS-25	\$31
LB-5	\$244	50	LS-50	\$62



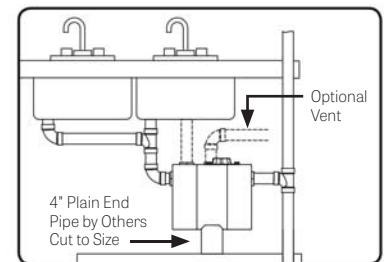
③ For monitoring package see Command Center™ on pages 25-26

### Application Specific Details

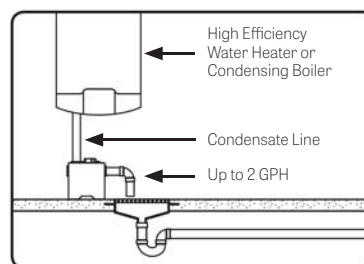
#### LB-2 Elevated



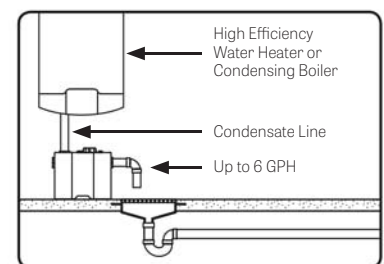
#### LB-5 Elevated



#### LB-2 with Limestone Serving Condensate Line



#### LB-5 with Limestone Serving Condensate Line



When loading Lab Rat™ Series tanks with limestone, use Schier Products limestone chips 2 - 3" in size with a calcium carbonate content (CaCO3) of 90% or greater. When limestone is depleted contact a waste specialist to evacuate basins.



# LAB BASIN™ SERIES

## neutralization tanks

Lab Basin™ Neutralization Tanks for school labs are designed for above or below grade installation, providing an excellent value for the most common industry neutralization tanks sizes from 15 gallons to 275 gallons.



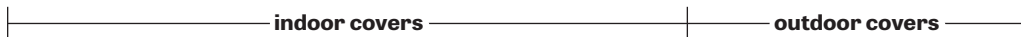
**Features:** 15 through 275 gal. | easy to carry HDPE design | above or below grade installations | TeleGlide™ field adjustable riser system | models LB-50 through LB-275 suitable for exterior installations

Cutaway of LB-275 Shown



## Lab Basin™ Covers

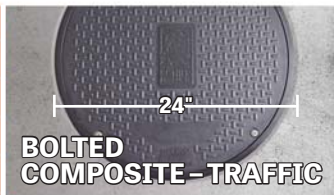
Covers are provided with water/air tight gasket seal and are designed to fit tightly into a key-fit frame.



**BOLTED POLYPROPYLENE**  
LB-15, LB-25  
2,000 lbs. pedestrian load rating



**BOLTED COMPOSITE**  
LB-35, LB-50  
2,000 lbs. pedestrian load rating

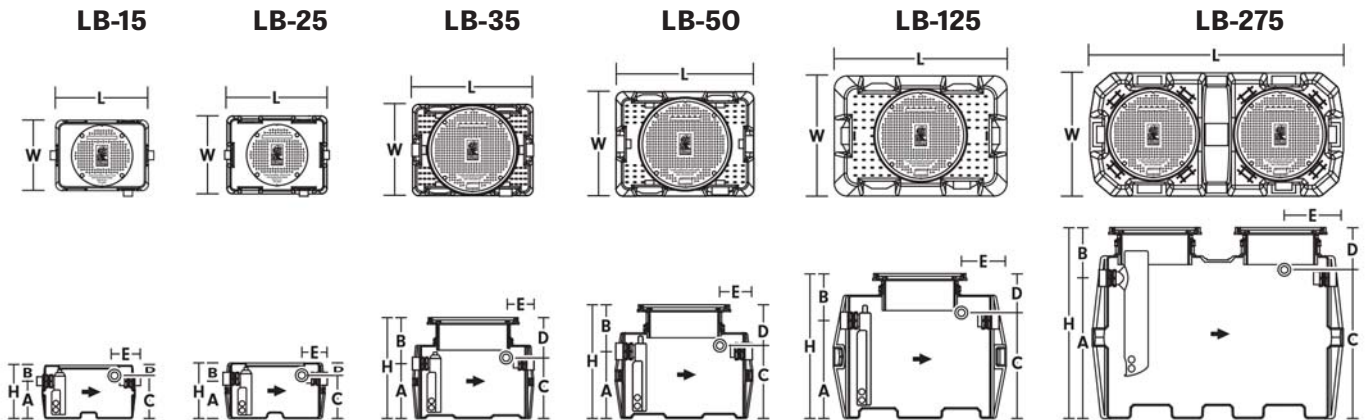


**BOLTED COMPOSITE - TRAFFIC**  
LB-50 (optional), LB-125, LB-275  
16,000 lbs. highway load rating

**MADE TO ORDER – SUBMITTAL REQUIRED**

**Specifications**

Schier Model	Sizing By Number of Sinks	Limestone Required (lbs.)	Liquid Holding Gallons	Recommended Pipe Size		Rough-in Dimensions (in.)									Weight (lbs.)	
				Inlet & Outlet	Vent	Body			Inlet/Outlet		Vent			Adapter Adjustability (add to H & B)	Dry	Wet
						L	W	H	A	B	C	D	E			
LB-15	4	200	15	2	2	25	19	14¼	10	4¼	12	2¼	5½	n/a	28	166
LB-25	6	275	22	3	2	27	21	15	10¾	4¼	11½	3½	6¼	n/a	31	220
LB-35	9	450	35	3	2	33	25	25	15	10	17	8	7½	3½	77	369
LB-50	15	650	52	4	2	37	28	28½	18	10½	20	8½	9	3½	92	525
LB-125	35	1,550	125	4	2	46	32	38½	26	12½	28	10½	12	6	130	1,171
LB-275	75	3,150	275	4	2	68	33½	51½	38	13½	40	11½	16	6	230	2,313



**Follow Steps 1-5 for complete Lab Basin™ quote.**

**List Prices: Add For Tank And Options**

Base Unit	Base Unit Price	Miscellaneous Options					
		High Water Anchor Kit		Limestone		*Upgrade to Highway Rated Bolted Composite Cover	
		Part #	Price	Part #	Price	Part #	Price
LB-15	\$638	n/a		LS-50 (4)	\$248		n/a
LB-25	\$890	n/a		LS-50 (6)	\$372		n/a
LB-35	\$1,320	n/a		LS-50 (9)	\$558		n/a
LB-50	\$1,368	AK1	\$560	LS-50 (13)	\$806	C24-H	\$210
LB-125	\$2,634	AK1	\$560	LS-50 (31)	\$1,922		included
LB-275	\$5,314	AK1	\$560	LS-50 (63)	\$3,906		included

\* When ordered with neutralization tank.

**③ List Prices: Pipe Connections**

Pipe Size	Plain End ASTM O2665-1					
	1-1/2"	2"	3"	4"	6"	
<b>No Diptube</b> Outlet & Vent (typical)	\$56	\$60	\$84	\$96	\$148	
<b>With Diptube</b> Inlet (typical)	\$160	\$180	\$204	\$252	\$262	

Pipe Size	Flanged Connection according to ANSI B16.5 150# bolt pattern					
	1-1/2"	2"	3"	4"	6"	
<b>No Diptube</b> Outlet & Vent (typical)	\$150	\$150	\$214	\$238	\$382	
<b>With Diptube</b> Inlet (typical)	\$250	\$272	\$324	\$428	\$496	

**NOTE 1:** 4" and 6" connections are not available with LB-15 and LB-25. **NOTE 2:** 6" connections are not available with LB-35 and LB-50. **NOTE 3:** 3" MPT not available on LB-15 vent. **NOTE 4:** 1-1/2" and 6" MPT connections are not available. **NOTE 5:** Subtract 1" from adapter and riser range when LB-35 is ordered with 4" connections. **NOTE 6:** LB-275 has two covers requiring a set of two TeleGlide™ risers when ordered.

**④ TeleGlide™ Riser Order Guide**

Desired Riser Height (in.)			Risers Needed	Price	
LB-15 LB-25	LB-35 LB-50	LB-125 LB-275		Standard	LB-275
>2½ - 16	n/a	n/a	16 Series Riser (SR-16)	\$370	n/a
n/a	0 - 3½	0 - 6	24 Series Adapter	included	
n/a	>3½ - 22	>6 - 24	24 Series Short Riser (SR24)	\$528	\$1,056
n/a	>22 - 37	>24 - 39	24 Series Long Riser (LR24)	\$664	\$1,328
n/a	n/a	>39 - 43	24 Series Short + Short (SR24 + SR24)	\$1,056	\$2,112
n/a	n/a	>43 - 58	24 Series Short + Long (SR24 + LR24)	\$1,192	\$2,384
n/a	n/a	>58 - 72	24 Series Long + Long (LR24 + LR24)	\$1,328	\$2,656



**⑤** For monitoring package see Command Center™ on pages 25-26



# NT SERIES

## neutralization tanks

Better Below  
Grade Value  
See Lab Basin™  
Models on  
p. 21-22

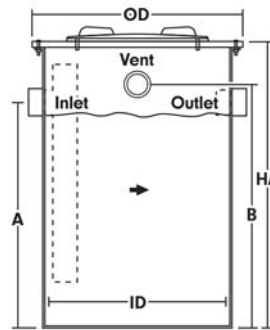
### Specifications

Schier Model	Sizing by No. of Sinks	Capacity (gal.)		Recommended Pipe Size		Rough-in Dimensions (in.)							Adapter Adjustability (add to HB & B)	Weight (lbs.)				Lab Basin™ Equivalent
		Total Tank	Liquid Holding	Inlet/Outlet	Vent	Body				In/Out C/L to Bottom of Tank	Vent C/L to Bottom of Tank	In/Out C/L to Cover		Above Grade		Below Grade		
						ID	OD	HA	HB					A	B	C*	Dry	
																Dry	Wet	
NT-30H	8	40	30.4	3	2	22	28	24 1/2	33	20	21	13	3 1/2"	40	294	27	281	LB-35
NT-55	12	55	41.1	3	2	22	28	36 1/2	43	27	29	16	6"	50	393	67	410	LB-50
NT-55H	16	70	55	3	2	24	30	36 1/2	43 3/4	30	32	13 3/4	6"	70	529	105	564	LB-50
NT-100	27	100	90.6	4	2	28	34	42 1/2	49 3/4	36	38	13 3/4	6"	85	841	119	875	LB-125
NT-100H	32	150	117.6	4	2	31	37	48 5/8	56 1/2	38	40	17 3/4	6"	100	1,081	134	1,115	LB-125
NT-150	32	150	117.6	4	2	31	37	48 5/8	56 1/2	38	40	17 3/4	6"	100	1,081	134	1,115	LB-125
NT-150H	41	200	154.2	4	2	36	40	48 1/2	55 3/4	38	40	17 3/4	6"	125	1,411	214	1,500	LB-275
NT-200	41	200	154.2	4	2	36	40	48 1/2	56 1/2	38	40	17 3/4	6"	125	1,411	214	1,500	LB-275
NT-200H	63	275	209.9	4	2	42	48	48 1/2	56 1/2	38	40	17 3/4	6"	160	1,911	253	2,004	LB-275
NT-275	63	275	209.9	4	2	42	48	48 1/2	56 1/2	38	40	17 3/4	6"	160	1,911	253	2,004	LB-275
NT-275H	75	350	275	4	2	48	52	48 1/2	56 1/2	38	40	17 3/4	6"	200	2,494	329	2,623	LB-275
NT-350	75	350	275	4	2	48	52	48 1/2	56 1/2	38	40	17 3/4	6"	200	2,494	329	2,623	LB-275
NT-350H	107	440	350	4	2	52	58	48 1/2	56 1/2	41	43	14 3/4	6"	210	3,129	310	3,229	LB-275 (2 in series)
NT-500	135	500	450.5	4	2	52	58	60 1/2	68 1/2	52	54	15 3/4	6"	225	3,982	506	4,263	LB-275 (2 in series)
NT-500H	150	650	501.1	4	2	48	54	84 1/2	92 1/2	70	76	21 3/4	6"	300	4,479	455	4,634	LB-275 (3 in series)
NT-1200	291	1,360	1,200	4	2	69	75	87	94 3/4	76	78	18	6"	500	10,216	1,004	10,720	LB-275 (4 in series)
NT-1500	326	1,500	1,304	4	2	73	77 3/4	85 1/2	93 1/4	74	76	18 1/2	6"	650	11,400	1,040	11,789	LB-275 (5 in series)
NT-2000	432	2,000	1,727	4	2	84	91	86 3/4	94 1/2	74	76	19 3/4	6"	850	15,253	1,240	15,643	n/a

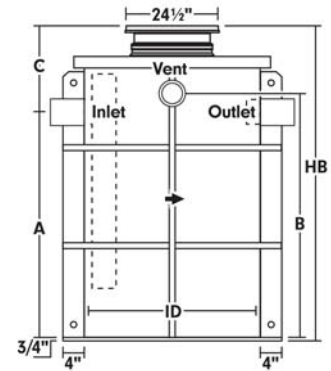
\* Inlet/outlet centerline to cover dimensions listed are for below grade (-B) models only.



**Above Grade**



**Below Grade**



### NT Tank Covers

Covers are provided with water/air tight gasket seal and are designed to fit tightly into a key-fit frame.



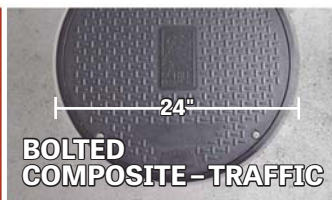
**BOLTED POLYPROPYLENE**

**NT-30H, NT-55**  
non-load manway with  
8" threaded access



**BOLTED POLYPROPYLENE**

**NT-55H through NT-2000**  
non-load manway with  
15" threaded access



**BOLTED COMPOSITE - TRAFFIC**

**All -B Models**  
16,000 lbs. highway load rating

**NOTE:** Add 3/4" measurement to A, C, and HB dimensions when models NT-30H through NT-150 are ordered with anchor flange.

**MADE TO ORDER – SUBMITTAL REQUIRED**

**Follow Steps 1-5 for complete NT Series tank quote.**

**1 List Prices: Tank And Limestone**

Polyethylene				Polypropylene				Add for Limestone		
Above Grade		Below Grade		Above Grade		Below Grade		Part #	Load (lbs.)	Price
Schier Model	Price	Schier Model	Price	Schier Model	Price	Schier Model	Price			
NT-30H-A-PE	\$702	NT-30H-B-PE	\$2,190	NT-30H-A-PP	\$1,150	NT-30H-B-PP	\$2,790	LS-50 (8)	375	\$496
NT-55-A-PE	\$786	NT-55-B-PE	\$2,118	NT-55-A-PP	\$1,494	NT-55-B-PP	\$3,052	LS-50 (10)	500	\$620
NT-55H-A-PE	\$944	NT-55H-B-PE	\$3,506	NT-55H-A-PP	\$1,602	NT-55H-B-PP	\$4,922	LS-50 (14)	675	\$868
NT-100-A-PE	\$1,144	NT-100-B-PE	\$3,852	NT-100-A-PP	\$2,196	NT-100-B-PP	\$5,698	LS-50 (22)	1,100	\$1,364
NT-100H-A-PE	\$1,620	NT-100H-B-PE	\$3,492	NT-100H-A-PP	\$2,564	NT-100H-B-PP	\$5,350	LS-50 (29)	1,450	\$1,798
NT-150-A-PE	\$1,620	NT-150-B-PE	\$3,492	NT-150-A-PP	\$2,564	NT-150-B-PP	\$5,350	LS-50 (29)	1,450	\$1,798
NT-150H-A-PE	\$1,712	NT-150H-B-PE	\$6,660	NT-150H-A-PP	\$2,930	NT-150H-B-PP	\$8,782	LS-50 (38)	1,900	\$2,356
NT-200-A-PE	\$1,712	NT-200-B-PE	\$6,660	NT-200-A-PP	\$2,930	NT-200-B-PP	\$8,782	LS-50 (38)	1,900	\$2,356
NT-200H-A-PE	\$2,084	NT-200H-B-PE	\$6,978	NT-200H-A-PP	\$3,260	NT-200H-B-PP	\$9,476	LS-50 (52)	2,575	\$3,224
NT-275-A-PE	\$2,084	NT-275-B-PE	\$6,978	NT-275-A-PP	\$3,260	NT-275-B-PP	\$9,476	LS-50 (52)	2,575	\$3,224
NT-275H-A-PE	\$2,818	NT-275H-B-PE	\$8,944	NT-275H-A-PP	\$5,570	NT-275H-B-PP	\$12,864	LS-50 (66)	3,300	\$4,092
NT-350-A-PE	\$2,818	NT-350-B-PE	\$8,944	NT-350-A-PP	\$5,570	NT-350-B-PP	\$12,864	LS-50 (68)	3,300	\$4,216
NT-350H-A-PE	\$3,260	NT-350H-B-PE	\$14,926	NT-350H-A-PP	\$5,644	NT-350H-B-PP	\$18,830	LS-50 (86)	4,300	\$5,332
NT-500-A-PE	\$3,782	NT-500-B-PE	\$16,766	NT-500-A-PP	\$5,926	NT-500-B-PP	\$20,896	LS-50 (110)	5,500	\$6,820
NT-500H-A-PE	\$4,022	NT-500H-B-PE	\$12,074	NT-500H-A-PP	\$7,120	NT-500H-B-PP	\$15,994	LS-50 (130)	6,500	\$8,060
NT-1200-A-PE	\$13,112	NT-1200-B-PE	\$40,510	n/a	n/a	n/a	n/a	LS-50 (258)	12,900	\$15,996
NT-1500-A-PE	\$16,478	NT-1500-B-PE	\$46,970	n/a	n/a	n/a	n/a	LS-50 (310)	15,500	\$19,220
NT-2000-A-PE	\$22,348	NT-2000-B-PE	\$55,010	n/a	n/a	n/a	n/a	LS-50 (444)	22,200	\$27,528

**2 List Prices: Pipe Connections**

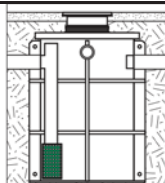
Plain End ASTM O2665-1 or Female Thread (ANSI B1.20.1)	Pipe Size					
	1-1/2"	2"	3"	4"	6"	
<b>No Diptube</b> Outlet & Vent (typical)	\$56	\$68	\$84	\$96	\$180	
<b>With Diptube</b> Inlet (typical)	\$160	\$168	\$178	\$252	\$322	

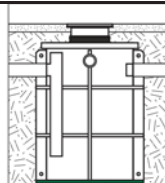
Flanged Connection according to ANSI B16.5 150# bolt pattern	Pipe Size					
	1-1/2"	2"	3"	4"	6"	
<b>No Diptube</b> Outlet & Vent (typical)	\$150	\$172	\$214	\$282	\$382	
<b>With Diptube</b> Inlet (typical)	\$250	\$272	\$324	\$428	\$496	

**3 List Prices: Additional Options**

DB99:  
Distributor Box  
List \$142



AF-30H150:  
Anchor Flange  
Option: NT-30H-B through NT-150-B  
Standard: All other -B models  
List \$556



**4 TeleGlide™ Riser Order Guide**

Desired Riser Height (in.)		Risers Needed	Price	
NT-30H	all other NT models		Standard	NT-1200 NT-1500 NT-2000
0 - 3½	0 - 6	24 Series Adapter	included	
>3½ - 22	>6 - 24	24 Series Short Riser (SR24)	\$528	\$1,056
>22 - 37	>24 - 39	24 Series Long Riser (LR24)	\$664	\$1,328
n/a	>39 - 43	24 Series Short + Short (SR24 + SR24)	\$1,056	\$2,112
n/a	>43 - 58	24 Series Short + Long (SR24 + LR24)	\$1,192	\$2,384
n/a	>58 - 72	24 Series Long + Long (LR24 + LR24)	\$1,328	\$2,656

**5** For monitoring package see Command Center™ on pages 25-26



**NOTE 1:** 6" connections are not available with NT-30H through NT-100. **NOTE 2:** NT-1200, NT-1500 and NT-2000 have two covers requiring a set of two TeleGlide™ risers when ordered.

# COMMAND CENTER™

## pH monitoring package

The Command Center™ is the industry's only "ready-to-use" pH monitoring package. Simply install the pH sensor and supply power — that's it. The system is pre-programmed to alarm at low and high pH values (6-9 pH) and can be adjusted as required. Up to 1 year of recorded data can be stored to the micro SD card (included) for easy data transfer. Customizations are simple using the easy-to-navigate menus on the color touchscreen display.

**Features:** ready-to-use: pre-programmed audio/visual alarm set points | touchscreen: bright, easy-to-navigate 3.5" color touch-screen display | large memory storage: includes two formatted micro SD cards – each card stores approximately 1 year of history | exports to Excel: recorded data logs, alarm history, and trend data export to Excel for easy data management | remote access: use ethernet connection to remotely manage the Command Center™ through your company's building management system | fresh water flush: pre-programmed with digital output to power solenoid valve for fresh water flush if pH approaches high/low limits | NEMA 4X lockable weather proof enclosure – temperature resistant from 32°F to 122°F | sensor maintenance and calibration kit included (CC-K) | 120V AC power supply required | all components are UL listed | sensor can be mounted up to 3,000 feet from Command Center™



Touchscreen Interface



Command Center™ with SPK-A above grade sensor placement kit

Solenoid Valve (by others)

Cutaway of Lab Basin™ LB-275 installed above grade with Command Center™ and optional limestone

### Step 1 of 3: Select Your System

#### Command Center™ with 1 Sensor

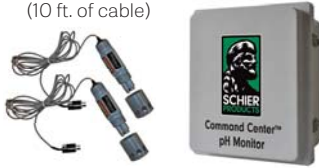
CC-1 (10 ft. of cable)  
List \$17,538



includes  
CC-K (qty. 1)

#### Command Center™ with 2 Sensors

CC-2 (10 ft. of cable)  
List \$23,752



includes  
CC-K (qty. 1)

CC-K Sensor Maintenance and Calibration Kit (see step 3 below) is included with order of CC-1 or CC-2.

### Step 2 of 3: Select Sensor Placement Kit

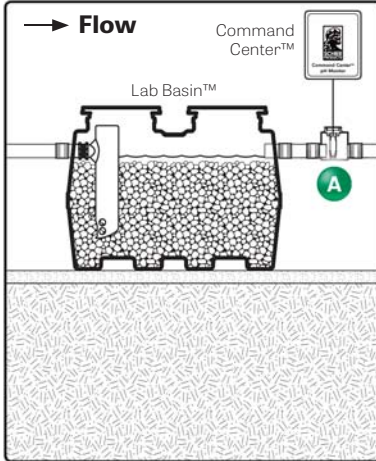
#### Above Grade

SPK-A: List \$236  
For installation of sensor in above grade outlet drainage line

**Kit Contents (depicted below)**

- A** 9" x 9" sensor port with threaded and gasketed cover access. 4" plain end connections

**Above Grade with Effluent Sensor**



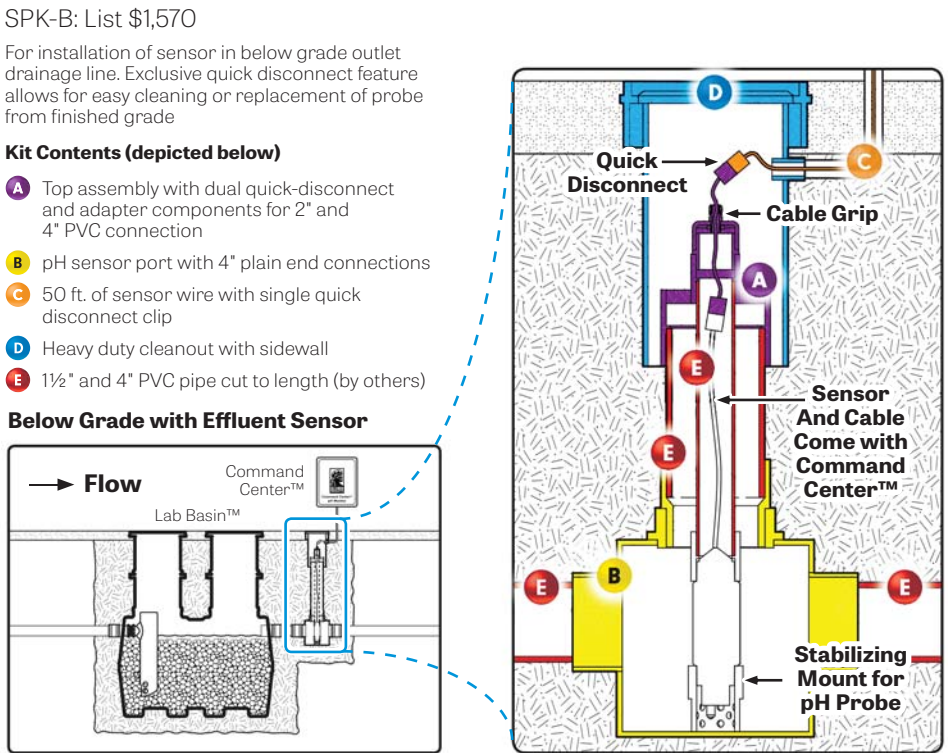
#### Below Grade

SPK-B: List \$1,570  
For installation of sensor in below grade outlet drainage line. Exclusive quick disconnect feature allows for easy cleaning or replacement of probe from finished grade

**Kit Contents (depicted below)**

- A** Top assembly with dual quick-disconnect and adapter components for 2" and 4" PVC connection
- B** pH sensor port with 4" plain end connections
- C** 50 ft. of sensor wire with single quick disconnect clip
- D** Heavy duty cleanout with sidewall
- E** 1½" and 4" PVC pipe cut to length (by others)

**Below Grade with Effluent Sensor**



### Step 3 of 3: Select Accessories and Replacement Components (Optional)

#### Replacement Sensor with 10 ft. of Cable and Quick Disconnect Clip



CC-PH  
List \$2,984

#### Additional Sensor Cable (for use with below grade SPK-B, quick disconnect clip not required)



CC-PHW  
List \$6/ft.

#### Quick Disconnect Clip (required when ordering above grade CC-PHW for SPK-A)




CC-PHWC  
List \$92

#### Sensor Maintenance and Calibration Kit

500 mL 7 pH buffer solution, 500 mL 10 pH buffer solution, 500 mL cleaning solution, sensor brush, gloves, salt bridge, standard cell solution

CC-K (qty. 1) included standard with order of Command Center (CC-1 or CC-2)

CC-K  
List \$472 (each addi.....)





# BIO BASIN™ SERIES

## decontamination tanks

Chapter 8 of the UPC and IPC require the pretreatment of liquid wastes likely to damage the building's drain, waste and vent system, public sewer or ground/surface waters. According to the American Institute of Architects (AIA) "water drainage must be contained and disposed of safely to ensure that it does not enter hospital or community drainage systems." The American National Standards Institute Standard (ANSI Z538.1) says "consideration should be given to the proper disposal of waste flushing fluids from operating emergency eye wash and shower equipment." Other local codes may apply.



### Schier recommends the following steps for sizing a decontamination tank:

$$\left[ \begin{array}{l} \text{Number of} \\ \text{Fixtures (showers} \\ \text{or eyewash} \\ \text{stations)} \end{array} \right] \times \left[ \begin{array}{l} \text{Supply Line} \\ \text{Flow Rate of} \\ \text{Each Fixture} \\ \text{(see table right)} \end{array} \right] \times \left[ \begin{array}{l} \text{Rinse Time} \\ \text{(15-20} \\ \text{minutes} \\ \text{typical)} \end{array} \right] = \text{Size of} \\ \text{Tank in} \\ \text{Gallons}$$

#### Supply Line Flow Rates




velocity	1/2"	3/4"
<b>4 Ft./sec</b>	3.77 GPM	6.64 GPM
<b>6 Ft./sec</b>	5.66 GPM	9.96 GPM
<b>8 Ft./sec</b>	7.54 GPM	13.29 GPM
<b>10 Ft./sec</b>	9.43 GPM	16.61 GPM

#### Sizing Sample:

1. A hospital with two emergency showers, each with a 3/4" 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 (500 liquid holding gallons)

### Bio Basin™ Covers

Covers are provided with water/air tight gasket seal and are designed to fit tightly into a key-fit frame.

indoor covers	outdoor covers	
 <p><b>BOLTED POLYPROPYLENE</b></p> <p>BB-500-A, BB-1200-A non-load manway with 15" threaded access</p>	 <p><b>BOLTED COMPOSITE - TRAFFIC</b></p> <p>BB-50, BB-125, BB-275 BB-500-B, BB-1200-B 16,000 lbs. highway load rating</p>	 <p><b>PICKABLE CAST IRON - H2O (optional)</b></p> <p>BB-500-B, BB-1200-B 16,000 lbs. H2O Load Rating</p>

**MADE TO ORDER – SUBMITTAL REQUIRED**

**Specifications**

Schier Products	Capacity (gal.)		Recommended Pipe Size		Rough-In Dimensions (in.)												Adapter Adjustability (add to B, D, F & H)	Weight (lbs.)	
	Total Tank	Liquid Holding	Inlet/Outlet	Vent	Body					Inlet and Optional Pump-out Outlet (High Connection)		Optional 4" Outlet Valve (Low Connection)		Vent				Dry Weight	Wet Weight
					L	W	ID	OD	H	A	B	C	D	E	F				
BB-50	—	52	4	2	37	28	—	—	28 1/2	18	10 1/2	6	22 1/2	20	8 1/2	3 1/2"	92	527	
BB-125	—	125	4	2	46	32	—	—	38 1/2	26	12 1/2	8	30 1/2	28 1/2	10	6"	127	1,168	
BB-275	—	275	4	2	68	33 1/2	—	—	51 1/2	38	13 1/2	9	42 1/2	40	11 1/2	6"	223	2,306	
BB-500-A	650	501.1	4	2	—	—	48	54	84 1/2	70	14 1/2	6	77 3/4	76	7 3/4	n/a	300	4,479	
BB-500-B	650	501.1	4	2	—	—	48	54	91 3/4	70	21 3/4	6	85 3/4	76	15 3/4	6"	455	4,634	
BB-1200-A	1,360	1,200	4	2	—	—	69	75	87	76	10 1/4	6	80 1/4	78	8 1/4	n/a	500	10,216	
BB-1200-B	1,360	1,200	4	2	—	—	69	75	94	76	18	6	88	78	16	6"	1,004	10,720	

**BB-50**

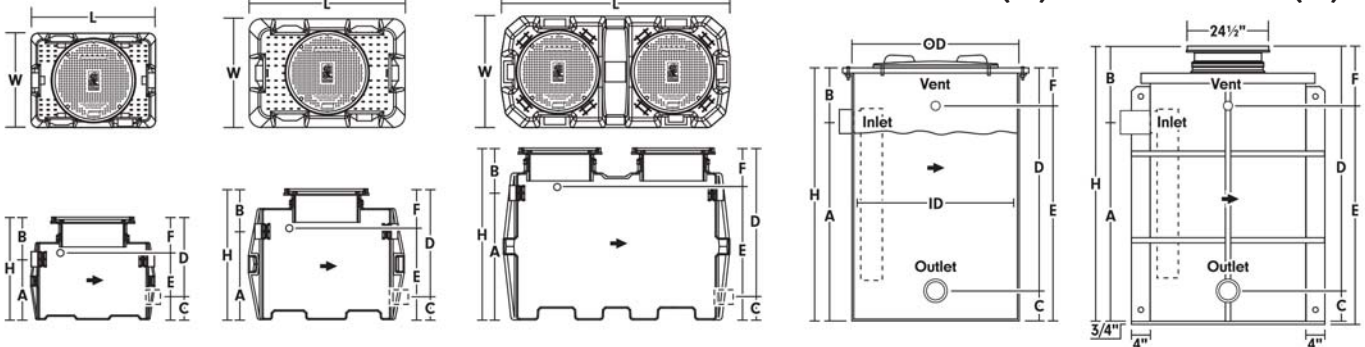
**BB-125**

**BB-275**

**BB-500/BB-1200**

**Above Grade (-A)**

**Below Grade (-B)**



**Follow Steps 1-3 for complete Bio Basin™ tank quote.**

**① List Prices**

Schier Model	Base Unit		Miscellaneous Options			
			High Water Anchor Kit		Part #	Price
	Above Grade (-A)	Below Grade (-B)	AK1	\$560		
BB-50	\$1,278		AK1	\$560		
BB-125	\$2,460		AK1	\$560		
BB-275	\$4,972		AK1	\$560		

Schier Model	Base Unit				*Upgrade to H-20 Rated Pickable Cast Iron Cover (-B Style only)	
	Polyethylene (-PE)		Polypropylene (-PP)			
	Above Grade (-A)	Below Grade (-B)	Above Grade (-A)	Below Grade (-B)		
	Price	Price	Price	Price	Part #	Price
BB-500	\$4,020	\$11,822	\$7,118	\$15,994	C24-HP	n/c
BB-1200	\$13,112	\$39,346	n/a	n/a	C24-HP (2)	n/c

**Monitoring Packages**

**AVA-3: Single Level Monitoring Package**  
Remote audio/visual alarm panel and explosion proof stainless steel float switch.  
List \$2,194



**AVA-4: Multi-level Monitoring Package**  
Remote audio/visual alarm panel and explosion proof multi-level float switch.  
List \$4,822



\* When ordered with decontamination tank.

**③ TeleGlide™ Riser Order Guide**

Desired Riser Height (in.)		Risers Needed	Price	
BB-50	BB-125, BB-275, BB-500, BB-1200		Standard	BB-275, BB-1200
0 - 3 1/2	0 - 6	24 Series Adapter	included	
>3 1/2 - 22	>6 - 24	24 Series Short Riser (SR24)	\$528	\$1,056
>22 - 37	>24 - 39	24 Series Long Riser (LR24)	\$664	\$1,328
n/a	>39 - 43	24 Series Short + Short (SR24 + SR24)	\$1,056	\$2,112
n/a	>43 - 58	24 Series Short + Long (SR24 + LR24)	\$1,192	\$2,384
n/a	>58 - 72	24 Series Long + Long (LR24 + LR24)	\$1,328	\$2,656

**② List Prices: Pipe Connections**

Connection Type	Plain End ASTM 02665-1				
	1-1/2"	2"	3"	4"	6"
	\$56	\$60	\$84	\$96	\$180
	Flanged Connection according to ANSI B16.5 150# bolt pattern				
	1-1/2"	2"	3"	4"	6"
	\$150	\$150	\$214	\$238	\$382

**NOTE 1:** When ordered with float switch, add 2" measuring finished cover to centerline of all connections and subtract 2" from available riser height. **NOTE 2:** BB-275/BB-1200 have two covers requiring a set of two TeleGlide™ risers when ordered. **NOTE 3:** 6" connections not available with BB-50.

# FLOW SPLITTER™

## wastewater flow distributor

specifications & submittals

formats available online



The Flow Splitter™ wastewater flow distributor is factory-rated and designed to handle any gravity drain flow rate from a 4" or 6" drain line. Install the Flow Splitter™ in parallel interceptor installations of 2, 3 or 4 units to ensure even flow distribution. Use with Schier's Great Basin™ Grease Interceptor or Oil Reserve™ Oil Separator series.



### Flow Splitter™ Covers

Covers are provided with water/air tight gasket seal and are designed to fit tightly into a key-fit frame.



**All FS Models**  
16,000 lbs. highway load rating

**All FS Models**  
16,000 lbs. H2O Load Rating



Cutaway of FS-DUO-PS4 Shown

### Specifications

Schier Model	Pipe Size (Plain End Sch. 40)	Rough-In Dimensions (in.)				Weight (lbs.)
		Body		Inlet		
		OD	H	A	B	
FS-DUO-PS4	4	24½	27½	12	15½	55
FS-DUO-PS6	6	24½	27½	12	15½	55
FS-TRIO-PS4	4	24½	27½	12	15½	55
FS-TRIO-PS6	6	24½	27½	12	15½	55
FS-QUAD-PS4	4	24½	27½	12	15½	55
FS-QUAD-PS6	6	24½	27½	12	15½	55

\* When ordered with wastewater flow distributor.

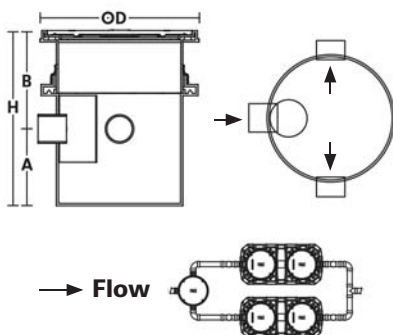
### List Prices

Schier Model	Base Unit	*Upgrade to H-20 Rated Pickable Cast Iron Cover	
		Part #	Price
		FS-DUO-PS4	\$1,092
FS-DUO-PS6	\$1,200	C24-HP	n/c
FS-TRIO-PS4	\$1,132	C24-HP	n/c
FS-TRIO-PS6	\$1,278	C24-HP	n/c
FS-QUAD-PS4	\$1,172	C24-HP	n/c
FS-QUAD-PS6	\$1,354	C24-HP	n/c

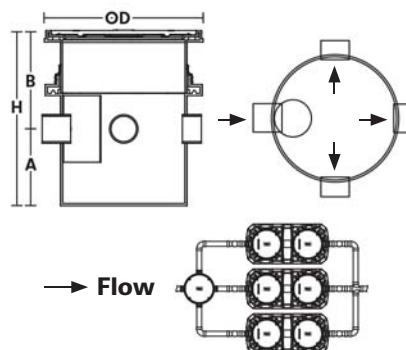
### TeleGlide™ Riser Order Guide

Desired Riser Height (in.)	Risers Needed	Price
0 - 2½	24 Series Adapter	included
>2½ - 20½	24 Series Short Riser (SR24)	\$528
>20½ - 35½	24 Series Long Riser (LR24)	\$664
>35½ - 39½	24 Series Short + Short (SR24 + SR24)	\$1,056
>39½ - 54½	24 Series Short + Long (SR24 + LR24)	\$1,192
>54½ - 68½	24 Series Long + Long (LR24 + LR24)	\$1,328

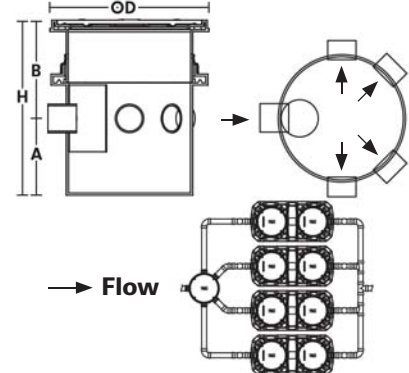
#### FS-DUO



#### FS-TRIO



#### FS-QUAD



# APPENDIX

## 100% American Made

All products manufactured by Schier Products are 100% American Made and meet requirements for the Buy American Act and the “Buy American” provision of the *American Recovery and Reinvestment Act of 2009* (ARRA).

## Terms and Conditions

**All Customers:** The following terms and conditions pertain to qualified customers only.

Schier Products, at its option, may qualify or disqualify any customer. All prices are subject to change without notice.

**International Customers:** All border crossing fees are paid by the importing customer. Contact Schier Products for further information on NAFTA and HTS numbers.

**Credit Terms: 2% 10 days, net 30.**

A 2% discount may be taken if payment is received on or before the 10th day from date of invoice. Full payment is required on or before the 30th day from date of invoice. A 2% service charge will be applied to all overdue accounts. Accounts that regularly pay beyond net terms will be denied open account status. All prices are subject to change without notice. Invoices may be sent via email upon request

**Freight Terms:** Shipments are F.O.B. Edwardsville, KS. Freight charges are pre-paid and billed with product invoice.

**Returned Goods:** Effective January 1st 2013, standard catalog products may be returned with no restock charge if returned in saleable condition within 6 months of purchase date. The customer is responsible for return freight. A Schier-issued RGA is required before return. If product is damaged or incomplete, additional charges may apply. Made-to-order products are non-returnable.

## Lifetime Warranty

Effective June 1st 2007 Schier Products Company (“Schier”) represents and warrants that HDPE and PP products (“Products”) will be free from any and all defects in material and workmanship, including corrosion, during the lifetime of the plumbing system in which the Products were originally installed and will, at its option, agree to repair, replace, or supply credit to the original purchaser.

This warranty does not cover damage caused by the Products' normal usage, or wear and tear, nor does it cover damage from naturally occurring phenomenon, including, but not limited to UV, freeze-related damage, or natural disasters. This warranty does not cover the purchaser's cost of routine maintenance including replacement of parts required in routine maintenance. This warranty does not cover fabricated steel products, or any monitoring equipment. This warranty shall be effective if, and only if, the Products were:

- installed in accordance with Schier's notes, specifications and instructions, for installation, operation, and maintenance;
- installed in conformance with all applicable building and plumbing codes, and passed all applicable testing methods immediately following installation;
- not subjected to misuse or abuse, whether negligent or intentional;
- never modified, repaired, or altered by any individual(s) not authorized by Schier;
- sold through a Schier qualified wholesale distributor.

This warranty is the purchaser's sole and exclusive remedy, and acceptance of this exclusive remedy is a condition of the contract for the purchase of these Products.

In no event shall Schier be liable for any incidental, special, consequential or punitive damages, or for any costs, attorney fees, expenses, losses or delays claimed to be as a consequence of any damage to, failure of, or defect in any products including, but not limited to, any claims for loss of profits, transportation, removal and installation charges. This warranty is exclusive and in lieu of all other warranties or conditions, written or oral, expressed or implied.





## **Schier Products**

9500 Woodend Road  
Edwardsville, KS 66111

# Pioneering Drain Line Purity



1-913-951-3300

[www.schierproducts.com](http://www.schierproducts.com)

[inquiry@schierproducts.com](mailto:inquiry@schierproducts.com)

© Copyright 2014 Schier Products, All Rights Reserved LPC-0614