



ROCKFORD SEPARATORS

FULL LINE CATALOG

Effective January 1, 2014



- GREASE SEPARATORS
- GREASE INTERCEPTORS
- GREASE AUTOMATIC SERIES
- OIL SEPARATORS
- GRAVEL/OIL SEPARATORS
- BASINS
- SOLID WASTE SEPARATORS
- CATCH BASINS
- SEDIMENT SEPARATORS
- HELIPORT FUEL INTERCEPTORS
- LINT SEPARATORS
- DRAINS

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ROCKFORD SEPARATORS

Faster, more dependable performance from your sole separator source

For 40 years, we've focused solely on separation. Our team is experienced in building custom, engineered-specific designs for customers that expect the best, whether it's for a Las Vegas casino, new 5-star restaurant, mall food court, or your neighborhood quick lube shop. They range in size from 1 gallon to 50,000 gallon capacities, and include models with double-wall construction.

Rockford Separators are used in separating and retaining numerous wastes: grease, oil, fuel, fats, lint, hair, soap residue, food solids, chemicals, sediment, solid waste, sand, gravel, sludge, plaster, precious metals, glass chips and grindings, fibrous materials, metal chips, and waxes.

Faster Turnaround!

No one delivers like Rockford Separators.
The bigger, the better. Select from our extensive inventories... Or get a custom engineered product – from 1 gallon to 50,000 gallon, including double-wall construction!



The principle behind a Rockford Separator follows nature's own law of gravity in separating lighter-than-water waste matter from heavier-than-water waste, retaining both in the separator. Clogged drain lines are virtually eliminated due to the unique, yet simple design incorporated into Rockford Separators: there is no straight in-and-out travel of waste water from the inlet to the outlet; instead, separator screens and a removable filter screen prevent grease, oil, and other wastes from entering the sewage system.



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We move faster than our competition, with better, more reliable products, service and support

Architects, engineers, building officials, health agencies, plumbing contractors, and other specifiers have come to rely on Rockford Separators for the utmost in quality, precision engineering and, most importantly, quick turnaround time. Our extensive inventories, national presence and hands-on sales and support team combine to give you the right product for the job, faster and more efficiently than from any other source.



Call us today. We're ready to deliver.

www.rkfdseparators.com

(800) 747-5077

100% Accessibility!

You'll like our '100% accessibility' design too. All our units' covers are easily removable, giving you fast and easy access – and helping you meet OSHA compliance for confined spaces without the need for breathing apparatus.



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The following information has been prepared as a guide for architects, building department officials, engineers, health agencies, plumbing contractors, and others concerned with high standards of sanitation and construction.

GENERAL INFORMATION

A grease separator is a device designed and installed in the drain line to separate and retain various destructive, hazardous and other undesirable matter from water-borne waste so that they may be periodically removed; thus preventing their passage into the drainage system. Preventing grease from entering the sewer system (which results in clogging of laterals, mains and disposal difficulties at treatment plants) can be accomplished by the installation of efficient grease separators at the source of the grease.

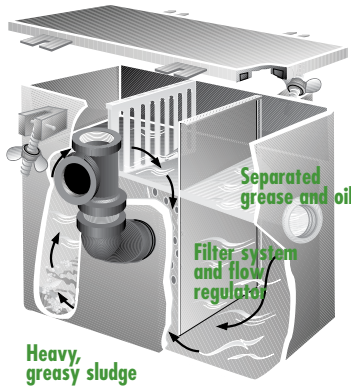
- Some major points where greases enter the sewer system are:
1. Restaurants, cafeterias, hotels, hospitals and establishments with kitchen facilities.
 2. Drains from soup kettles, stock kettles, meat, fish or fowl preparation in commercial facilities.
 3. Animal slaughtering facilities, fowl, fish or meat packing establishments.

When grease in large quantities enters the drainage system, it often causes clogging of house or building drains and sewers, resulting in poor fixture operation and the possibility of basement flooding during peak flows. Cleaning of such drains and sewers is inconvenient and expensive.

Large quantities of grease in sewage constitute serious nuisances and cause many difficulties in sewage treatment and disposal. Grease-laden wastes mix with cold sewage in the mains, causing the grease to congeal and adhere to the solids. By the time the sewage has reached the treatment plant, a thorough mixing of grease and solids has occurred. Since bacterial action on grease is slow, it does not decompose readily and is carried through the plant, affecting the operations at many points, depending on the type of treatment.

Small amounts of grease adhering to grit and to the heaviest solids are removed in the grit chambers, where the sewage enters the disposal plant. Some plants have special separators designed to remove grease by flotation, separating it from solids by injecting air into the sewage, but this is only partially effective.

In settling basins used for the removal of solids, the greatest difficulty with grease is encountered. Some solids are carried to the top of the grease and decompose in contact with the air, giving off disagreeable odors. Others are held in suspension by the grease and are carried beyond the settling basins. Grease is also carried



down with heavy solids to the bottom, thereby retarding normal bacterial action. When entering the digestion tanks, rising grease forms a scum on the surface, retarding the liberation of gases formed by digestion.

Grease is especially objectionable in trickling filters since spray nozzles can become coated with grease and result in uneven distribution on the filter beds. Filter material can become clogged and must be more frequently replaced. Heavily coated filter material considerably reduces efficiency. "Grease balls" are formed in activated sludge plants, carried through the

plant, and must be removed in the final settling tanks as aeration causes grease to rise and floating scum to form.

Separators fall into two basic categories:

1. Gravity Type
2. Mechanical Type

SEPARATORS MAY BE CLASSIFIED FOR TWO TYPES OF OPERATIONS

1. Intermittent Flow
2. Continuous Flow

Intermittent flow operation is usually batch dumping, or periodic use for short periods.

Continuous flow operation is usually associated with manufacturing operations as in product processing installations. This type of separator is usually large, either constructed of fabricated metal or poured-in-place concrete. The retaining of large amounts of solids is normally associated with this type and must be taken into account in the design of such separators. The removal of accumulated grease and solids must also be considered in the design and installation.

Besides grease, separators may be employed in separating and retaining numerous other wastes, such as precious metals, glass chips and grindings, fibrous materials, metal chips, waxes, plaster, hair and lint, and others too numerous to mention. In many instances, the product recovered by the separator more than pays for itself in salvage value. Also, the prevention of clogged drain lines and the constant cost of rodding are eliminated. However, a simple means of removing these solids must be incorporated in the design of the separator. Operation is based on grease tending to separate from water at low velocities of flow; grease rises to the surface because of its low specific gravity, while water is discharged to the drainage system.

An effective separator must have a large enough cross-section so that the velocity of the flow through it does not exceed the velocity at which the grease will separate. The flow of waste water must be evenly distributed over the cross-section so that the maximum allowable velocity will not be exceeded at any point.

In designing drains and fixtures, present day methods produce high rates of flow. Ordinances have been revised to require larger drain lines, and fixtures are designed to be “quick discharging,” expediting the removal of wastes and preventing stoppages.

When entering a separator in small amounts at low rates of flow, grease is easily retained. Difficulties occur in fixtures capable of discharging at high rates. However, a separator must be capable of efficiently handling the maximum discharge rate of the fixture which it serves.

When it is desirable to reduce the rate of flow to the separator, it should be done at the fixture outlet, rather than at the separator inlet.

Considerable velocity is attained in the drain line, depending on the length of the vertical and/or horizontal run and other hydraulic conditions. When the inlet is restricted, the waste water is jetted into the separator at high velocity. Since the velocity in the separator must be low, there must be a great reduction of velocity at the inlet. This can be done by increasing the size of the inlet or by an internal inlet baffle. The entrance velocity is more easily controlled when the inlet is low.

Some separators direct the flow entirely towards the bottom. The objection to this is that high velocities continue into the separator when they should be checked at the inlet. Short circuiting is produced when water is allowed to pass under the inlet baffle, and along the bottom of the separator, directly to the outlet at a velocity too high to permit grease separation. This undesirable condition is encountered when the evacuation and/or ejection of solids from the separator is attempted along with grease separation.

Directing channels, by inducing tortuous flows, confine the area of flow to a smaller cross-section of water, thereby maintaining high velocities for evacuation and/or ejection of solids. This defeats the purpose of the separator.

SPECIAL WASTES

- barium
- bristles
- calcimine
- calcium
- carborundum grit
- cotton
- emery
- feathers
- fibers
- gauze
- glass grindings
- hair
- lint
- paraffin
- plaster of Paris
- polishing rouges
- potash
- potato starch
- precious metals
- precious stones
- pumice stone
- rubber grindings
- string
- tobacco snuff
- wax

SPECIAL CONSIDERATIONS

Disposable filter medium separators are available in most of our units. See below.

All separators listed are for intermittent flow periods. For continuous flow separators or for periods of extended flow cycles, consult our engineering department for recommendations.

Do not undersize the separator.

FILTER MEDIUM

Designed for the specific waste material to be retained. Its insertion into the V-filter screen is easy to clean when clogged with suspended matter, and it is simple to replace when necessary with replacement filter screen with factory-installed medium. The FM Separator should be cleaned thoroughly and frequently, and it should not be undersized because the filter medium reduces the gallon-per-minute flow of waste water into the unit.

All Rockford Sanitary System Separators can be ordered with a filter medium. Special wastes to be controlled must be specified.

INSTALLATION RECOMMENDATIONS

G-1012-FM

Lavatory in dental office, barber shop, photographic shop, precious metal manufacturing.

G/GF-1412-FM

Lavatory in beauty shop, single-compartment plaster or barium sink in hospital or laboratory, two lavatories in barber shop, arts and crafts room sink in schools.

G/GF-1815-FM

Two-compartment plaster or barium sink in hospital or laboratory, mop sink, two lavatories in beauty shop, lens-grinding machine, up to four lavatories in barber shop, two arts and crafts room sinks.

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G/GF-1820-FM

Blueprint machine, paint brush cleaning sink, two lens-grinding machines, up to three lavatories in beauty shop, up to six lavatories in barber shop, up to three arts and crafts room sinks.

G/GF-2420-FM

Small printing plants and photographic laboratories, up to five lavatories in beauty shop, up to ten lavatories in barber shop, up to five arts and crafts room sinks, three lens-grinding machines.

G/GF-2635-FM

Public launderette not exceeding one domestic washing machine, up to six lavatories in beauty shop, up to twelve lavatories in barber shop, up to six arts and crafts room sinks, small glue machines.

G/GF-2824-FM

Up to seven lavatories in beauty shop, up to four lens-grinding machines, up to seven arts and crafts room sinks, 15 lb. per minute potato or vegetable peeler discharging to private disposal system.

G/GF-3050-FM

Up to eight lavatories in beauty shop, up to five lens-grinding machines, up to eight arts and crafts room sinks, 30 lb. per minute potato or vegetable peeler discharging to private disposal system.

G/GF-3224-FM

Public launderette not exceeding two domestic washing machines, up to ten lavatories in beauty shop, up to six lens-grinding machines, bottling plants, electronic arts manufacturing, up to ten arts and crafts room sinks, 50 lb. per minute potato or vegetable peeler discharging to private disposal system.

G/GF-3475-FM

Up to twelve lavatories in beauty shop, up to eight lens-grinding machines, candy and gum manufacturing, up to twelve arts and crafts room sinks, 60 lb. per minute potato or vegetable peeler discharging to private disposal system.

G/GF-3628-FM

Public launderette not exceeding three domestic washing machines, up to sixteen lavatories in beauty shop, up to ten lens-grinding machines, paraffin coating machines in wax paper and carton manufacturing, up to sixteen arts and crafts room sinks, 70 lb. per minute potato or vegetable peeler discharging to private disposal system.

NOTE: These recommendations may be used as a general guide, but the scope of the operation to be served determines the right size

Rockford Separator for a specific job. Our Engineering Department will be pleased to assist you in your selection if you will give us the details of the installation.

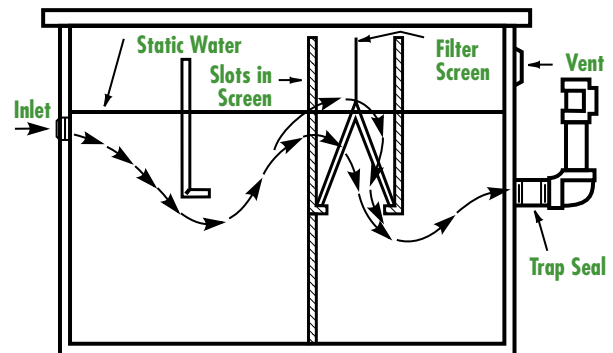
HOW TO ORDER

Specify waste material to be filtered and retained, G.P.M. flow, and the unit number suffix with code, **FM**.

Allow headroom to lift out both screens for cleaning.

METHOD OF OPERATION

The exceptionally high efficiency of the Rockford Separator in retaining foreign waste matter in the unit is made possible by its design for maximum water travel through the separator without turbulence and by the filtering action of its screens.

Arrows indicate course of waste water through separator

Note course of water travel in cut-open view. Arrows designate course from inlet, under and through separator screen and flow-regulator filter screen, to outlet. There is no straight in-and-out travel from inlet to outlet. Note also separation and retention, through gravity action, of lighter-than-water matter. The inlet closes when the separator's holding capacity is reached if the unit has been properly sized, installed correctly, and short circuiting devices and methods are not used.

A Rockford Separator has a built-in flow control; it needs no external flow control.

TRAVEL OF WASTE WATER

Although it has the outward appearance of a straight-through unit, there is no straight in-and-out travel of waste water from inlet to outlet, incorporating Rockford Separator standard features in maintaining minimum turbulence, internal flow regulation through its filter screens, and maximum length of water travel.

CONSTRUCTION

The Rockford Separator is built of all-welded heavy gauge steel for maximum structural strength and durability. Cor-Ten® available on certain models.

Gasketed cover is fastened to unit body by bolt assemblies, cross-tightened by hand to assure leakproof and airtight fit.

The **M** units (straight through) have a non-removable separating screen and one filter screen to regulate flow and filter waste water, making outside flow control or retarder unnecessary. The filter screen lifts out for easy cleaning of separator.

The **L** and **R** units have a removable separating screen (U-shaped) and filter screen (V-shaped) that lift out for easy cleaning of the unit. The slotted wall of the separator screen faces away from the inlet.

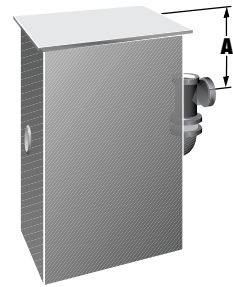
The outlet is separated from main body of the unit (accepted by all plumbing codes). This provides an outside visible trap seal which protects against entry of sewer air. Outlet may be vented off vertical rise on tee or off horizontal run from unit. Standard tapped inlet and outlet are furnished.

INTEGRAL EXTENSION

Standard construction features a compact, one-piece separator with integral extension built to exact requirements. The built-in strength of solid walls eliminates leaks caused by vibration and traffic in bolted down extensions.

When an extension is needed to meet roughing-in on a flush-with-floor installation, select the separator of the right size and capacity. Then determine the required dimension **A** from the center of the outlet to the top of cover, and order accordingly. Dimension **A** is variable and can be specified to a fraction of an inch.

The inlet opening is lower than the outlet opening to assure a wet inlet at all times. All separators with extensions have flush-with-floor covers.



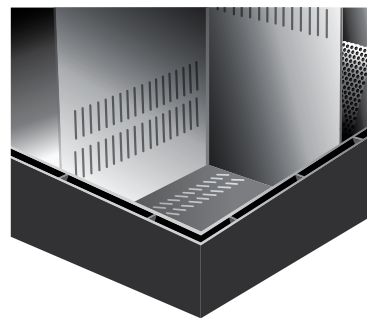
NOTE: If dimension of extension A is not correct at Point of Order, bolt-on extensions are available, priced on application.

In either case, the separator features a removable nonskid flush-with-floor cover of heavy steel plate with leakproof and airtight gaskets, secured to the body of the unit with recessed stainless steel bolts, a removable separator screen and flow-regulator filter screen, a standard tapped inlet and outlet, and protective seal outlet. Concrete reinforcing anchor rings are optional.

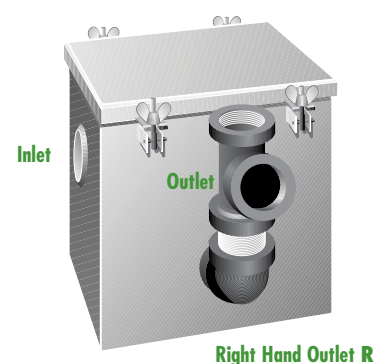
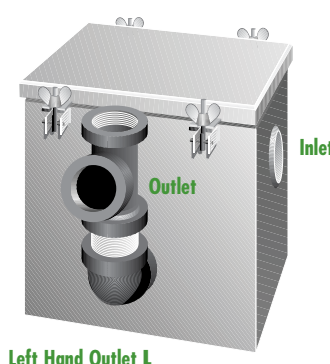
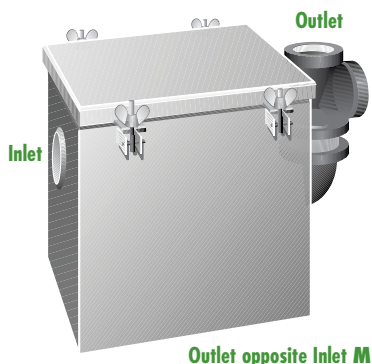
Choice of outlet location saves space, labor, pipe and fittings. Outlet tee can be turned up to 90 degrees in either direction. Depth of inlet and outlet varies.

DOUBLE WALL CONSTRUCTION

All units are available in double-wall construction with leak detection if specified.



Units Available with M, L or R Outlets. Specify M (Outlet opposite Inlet), L (Left Hand Outlet), or R (Right Hand Outlet) on your order.



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Protect waste lines against blocking and stoppages. Select a separator with a gallon-per-minute flow equal to the initial tank discharge capacity. Draw-off valve available. With an internal flow control, an external flow control is not necessary.

Sizing for Commercial Sinks

Batch Dumping Process

The separator should hold one half of the liquid holding capacity of the sink that it services. To determine the cubic holding capacity of the sink, multiply the Length by the Width by the Depth in inches. Divide this figure by 231 to obtain the liquid holding capacity in Gallons. (Example shown is a single compartment sink. Multiply by the number of compartments to get the total holding capacity.) Use this figure in the chart.

Holding Capacity in Gallons Formula:
$$\frac{L \times W \times D}{231}$$

Example:

$$\frac{24 \times 24 \times 20}{231} = \frac{11,520 \text{ cu in}}{231} = 49.87 \text{ Gal}$$

Use **G-2420** or **G-36-LO**.*

G Series are used for on-the-floor installation. Use **GF Series** if a flush-with-floor installation is required.

*Low-Inlet models are recommended when a quick opening drain valve is used on the sink waste, resulting in a low waste outlet from the sink. Use a Low-Inlet model when there is not sufficient room next to the sink, or when it is necessary to place the separator underneath the sink drainboard. On larger model separators, we recommend a flush-with-floor installation in concrete floor construction. For installations in or on the floor below, use the next larger size separator.

COMMERCIAL FOOD WASTE GRINDER

A grinder with a 1/2 h.p. motor requires a separator with a minimum holding capacity of 50 gallons. This is for a small installation in a restaurant with a seating capacity up to 100 people. For larger grinders with higher h.p. ratings, each additional 1/2 h.p. requires an increase of 20 gallons to the separator. Thus, a 1 h.p. grinder requires a 70 gallon holding capacity, a 1 1/2 h.p. grinder requires a 90 gallon holding capacity, and so on.

DISHWASHER

Select a separator with a holding capacity equal to one hour's water consumption. On a dishwasher with three tanks, bypass the final rinse when permitted by code. If the rinse water bypasses the separator, the liquid holding capacity of the separator shall be equal to or greater than the total liquid holding capacity of the dishwasher.

LOCATION OF SEPARATOR

When deciding on the location for the separator, be sure there is headroom to lift out the screens for cleaning; otherwise use flush-with-floor model. Locate separator as close to fixture as

possible. Venting is necessary on outlet leg to prevent siphonage. On larger models with internal rear vent, the separator body must be vented. Comply with local code requirements on all installations of separators.

PIPING DIAGRAM EXAMPLES

Installation must conform to local code. On a dishwasher with three tanks, bypass the final rinse cycle when permitted by code. Allow headroom to lift out both screens for cleaning.



SPECIAL SPECIFICATIONS

Some dishwashers have lower waste openings than illustrated on the separators. An example is the Blakeslee dishwasher with a 3" center line waste outlet and with the new dry recirculating pump which requires that the static water level in the separator be lower than 9".

We manufacture and stock separators to meet these requirements.

Specify **M** (Outlet opposite Inlet), **L** (Left Hand Outlet), or **R** (Right Hand Outlet) on your order.

HOW TO CLEAN THE SEPARATOR

ALL MODELS

1. Run cold water for a few minutes to congeal grease; turn off water.
2. Loosen or remove attachment bolts, then remove the cover.
3. Scoop out grease and oil from the top.
4. Lift out V-shaped filter screen, and U-shaped separator screen (if the unit has a removable separator screen).
5. Scoop out heavy sludge from bottom of unit.
6. Replace all parts removed in number 4.
7. Run water a few minutes to restore trap seal.
8. Check gasket and replace if needed.
See **HOW TO REPLACE A GASKET.**
9. Replace cover and cross-tighten attachment bolts.

For a passive grease separator to perform as designed, a strict maintenance schedule must be followed. If adequate maintenance is not performed, excessive grease buildup will occur until water, laden with grease, passes directly through the unit. Therefore, no matter how efficient the design or how proper the installation, these units perform only as well as the maintenance routine allows.

A gradual sluggishness in the draining of the waste water from the fixture is a warning that the separator is ready for cleaning. With ordinary usage, the intervals between cleaning will be fairly regular. On a new installation, we suggest that you clean the unit after the second day of usage and then clean it one week later. With this information you should be able to determine your cleaning cycle.

Cleaning and Maintenance Instructions should accompany every separator. It is a good practice to have a copy of the cleaning instructions located near the separator, directing the user on the proper operation/cleaning methods.

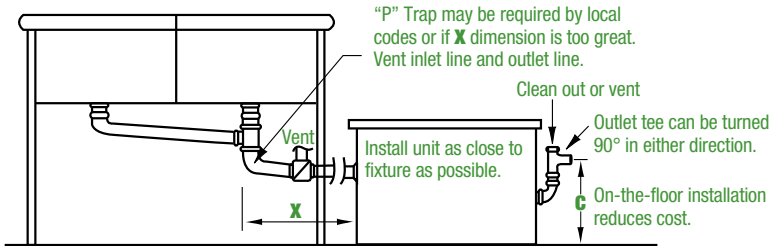
Note: Cover gaskets are necessary to seal against gases and to prevent overflows. They must be heavy and elastic enough to give easy sealing.

Separators are not pressure vessels.

Covers should be easily removable. When a separator is set in the floor, stainless steel bolts should be used (brass bolts are too easily stripped; steel bolts become rust locked). NOTE: Separators not easily opened for cleaning will not be cleaned regularly. Many products are sold as aids to seemingly clean grease separators.

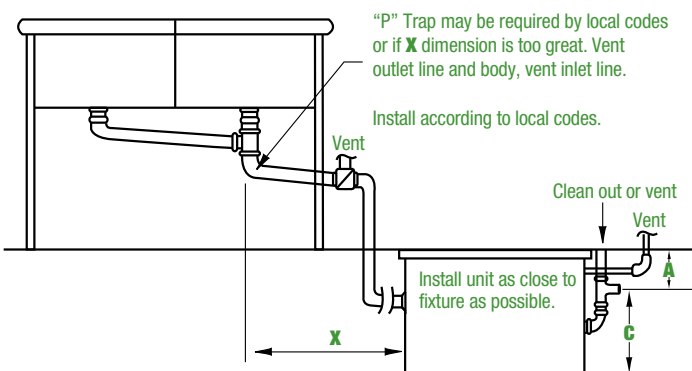
These include acids and caustics with known hazards in handling, or so-called “miracle enzymes” with limited conditions and special instructions. These type of products are NOT RECOMMENDED because of the damage they can do to the separator, as well as the fact that the separator catches the grease at the point of use to be disposed, and not to give the user a vessel to add chemicals into the waste stream.

On-the-floor installation – G Series



“C” Dimensions must be held!

Flush-with-floor installation – GF & GFE Series with body vent



CLEANING THE FILTER MEDIUM

1. Shake V-shaped filter screen while wet or use hose to loosen fine, suspended waste material.
2. Change filter screen with factory-installed medium as needed.
3. Scoop out grease and oil from the top.

HOW TO REPLACE A GASKET

ON-THE-FLOOR, G SERIES:

1. Remove old gasket from groove on underside of cover.
2. Cut four pieces of gasket per cover. Gasket must be cut square and 1-1/2" longer than the required space. Insert the long side first.
3. Insert gasket material evenly, filling in corners completely to assure leakproof and airtight fit.
4. Do not over-tighten the cover – hand tighten only.

FLUSH-WITH-FLOOR,

GF and GFE SERIES:

1. Remove old gasket from lip on body of the unit.
2. Cut four pieces of gasket per cover. Gasket must be cut square and 1/4" longer than the required space. Remove protective film to expose adhesive. Insert the long side first: insert ends first and then work from the center outward.
3. Fasten new gasket to lip of unit, shaping openings for stainless steel bolts. Fill corners completely to assure a leakproof and airtight fit.

Factory will supply units strictly to details on wholesaler’s purchase order.

NECESSARY CLEARANCES

Minimum clearance needed above unit for maintenance	G/GF Model#	“C” dimension from bottom of unit to center of outlet
G-100-C	7"	7.5"
G-200-C	7"	outlet fittings not required
G-300-C	7"	7.5"
G-710	7"	7.5"
G-1012	10"	9.62"
G/GF-1412	12"	10.75"
G/GF-1815	12"	13.75"
G/GF-1820	12"	15"
G/GF-2420	12"	17.87"
G/GF-2635	12"	21"
G/GF-2824	14"	25.75"
G/GF-3050	14"	25.75"
G/GF-3224	14"	25.75"
G/GF-3475	14"	26.25"
G/GF-3628	14"	26.25"
G/GF-23-LO	8"	8.75"
G/GF-25-LO	9"	10.25"
G/GF-30-LO	9"	10.25"
G/GF-36-LO	9"	10.25"
G/GF-45-LO	9"	11"
G/GF-50-LO	9"	11"

For On-the-Floor or Partially Recessed Installation

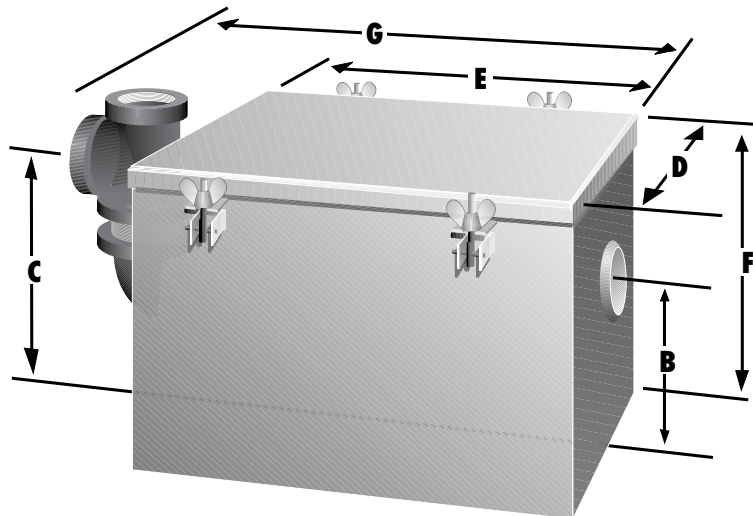
Model	Intermittent Flow GPM	Tapped Inlet and Outlet	Static Holding Capacity	Greasy Sludge Capacity	Bottom to Center		Width D	Length E	Height F	Overall Length (M unit only) G	Shipping Weight
					of Inlet B	of Outlet C					
G-710	5	1.5"	1.7gal.	9lb.	5.5"	7.5"	6.75"	9.75"	9"	–	28lb.
G-1012	8	1.5"*	3.5gal.	18lb.	7.63"	9.63"	8.75"	10.75"	11.5"	16.75"	42lb.
G-1412	12	2"	5.3gal.	27lb.	8.38"	10.75"	10.75"	13.25"	12.88"	18.38"	58lb.
G-1815	16	2"	10gal.	50lb.	11"	13.75"	10.75"	19"	15.88"	24"	80lb.
G-1820	20	2"	17gal.	86lb.	12"	15"	14.75"	20.75"	17.88"	25.75"	106lb.
G-2420	30	3"*	31gal.	156lb.	14.5"	17.88"	18.75"	25"	20.63"	32"	165lb.
G-2635	35	3"	40gal.	202lb.	16.5"	21"	18.75"	25"	25.13"	32"	181lb.
G-2824	40	4"	54gal.	272lb.	21.5"	25.75"	20.75"	26.75"	29.38"	36"	248lb.
G-3050	50	4"	60gal.	302lb.	21.5"	25.75"	20.75"	30"	29.88"	39"	295lb.
G-3224	60	4"	67gal.	338lb.	21.5"	25.75"	20.75"	33.5"	29.38"	40"	318lb.
G-3475	75	4"	80gal.	403lb.	22"	26.25"	23.25"	33.5"	30.5"	42"	343lb.
G-3628	100	4"	110gal.	554lb.	22"	26.25"	30.5"	36"	30.13"	45"	418lb.
G-23-LO	16	2"	10gal.	50lb.	6"	8.75"	14.75"	20.75"	10.63"	25.75"	80lb.
G-25-LO	20	2"	21gal.	106lb.	6.5"	10.25"	20.75"	26.75"	13.63"	36"	127lb.
G-30-LO	30	3"*	23gal.	116lb.	6.5"	10.25"	20.75"	30.75"	13.63"	37.75"	163lb.
G-36-LO	35	3"*	28gal.	141lb.	6.5"	10.25"	20.75"	36.75"	13.63"	43.75"	170lb.
G-45-LO	40	3"*	37gal.	186lb.	6.75"	11"	20.75"	45"	16"	52"	257lb.
G-50-LO	50	3"*	41gal.	207lb.	6.75"	11"	20.75"	50"	16"	57"	258lb.

Job Specification: Grease separators shall be Rockford Separators as manufactured by Rockford Sanitary Systems, Inc., Rockford, Illinois, and as noted on plans.

Separator Specifications: Furnish _____ Rockford Model **G-**_____ all-welded steel separators for on-the-floor (or partially recessed) installation, _____ g.p.m. intermittent flow, _____" tapped inlet and outlet with outlet vent connection, _____ lb. greasy sludge capacity, visible double-wall outside trap seal, non-removable separator screen with easily removable filter screen, gasketed cover hand-tightened to body with safety-catch bolt assemblies, enamel coating inside and outside.

Optional Features: Epoxy coating inside and outside. Sediment basket. Filter medium. All stainless steel construction.

- * Also available with 2" inlet and outlet.
- Separators with filter medium can be furnished
- Stainless steel also available.
- Draw-off valve available.
- Allow headroom for lifting out both screens to clean the separator.



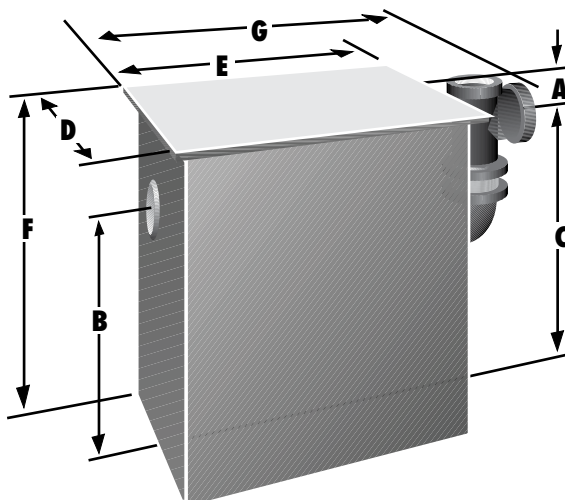
For Flush-with-Floor Installation

Model	Intermittent Flow GPM	Tapped Inlet and Outlet	Static Holding Capacity	Greasy Sludge Capacity	Top to Center of Outlet A	Bottom to Center of Inlet B	Bottom to Center of Outlet C	Width D	Length E	Height F	Overall Length G (M unit only)	Tapped Internal Vent+	Bottom to Rear Vent+	Shipping Weight
GF-1412	12	2"	5.3gal.	27lb.	2.25"	8.38"	10.75"	13"	15.5"	13"	19.25"	-	-	77lb.
GF-1815	16	2"	10gal.	50lb.	2.5"	11"	13.25"	13"	21.25"	16.25"	26"	-	-	108lb.
GF-1820	20	2"	17gal.	86lb.	2.5"	12"	15"	17"	23"	17.5"	28.75"	-	-	132lb.
GF-2420	30	3"*	31gal.	156lb.	3.13"	14.5"	17.88"	21"	27.25"	21"	34"	-	-	203lb.
GF-2635†	35	3"	40gal.	202lb.	6"	16.5"	21"	21"	27.25"	27"	34"	2"	23.75"	252lb.
GF-2824†	40	4"	54gal.	272lb.	5.25"	21.5"	25.75"	23"	29"	31"	37.75"	2"	27"	304lb.
GF-3050†	50	4"	60gal.	302lb.	5.25"	21.5"	25.75"	23"	32.25"	31"	41"	2"	27"	330lb.
GF-3224†	60	4"	67gal.	338lb.	5.25"	21.5"	25.75"	23"	35.75"	31"	43"	2"	27"	377lb.
GF-3475†	75	4"	80gal.	403lb.	4.75"	22"	26.25"	25.5"	35.75"	31"	44.38"	2"	27"	398lb.
GF-3628†	100	4"	110gal.	554lb.	4.75"	22"	26.25"	32.75"	38.25"	31"	46.63"	2"	27"	507lb.
GF-23-LO	16	2"	10gal.	50lb.	1.25"	6"	8.75"	17"	23"	10.63"	28.75"	-	-	111lb.
GF-25-LO	20	2"	21gal.	106lb.	3"	6.5"	10.25"	23"	29"	13.25"	33.75"	-	-	186lb.
GF-30-LO	30	3"*	23gal.	116lb.	3"	6.5"	10.25"	23"	33"	13.25"	39.75"	-	-	195b.
GF-36-LO	35	3"*	28gal.	141lb.	3"	6.5"	10.25"	23"	39"	13.25"	45.75"	-	-	257lb.
GF-45-LO†	40	3"*	37gal.	186lb.	5"	6.75"	11"	23"	47.25"	16"	54"	2"	12.5"	325lb.
GF-50-LO†	50	3"*	41gal.	207lb.	5"	6.75"	11"	23"	52.25"	16"	59"	2"	12.5"	341b.

Job Specification: Grease separators shall be Rockford Separators as manufactured by Rockford Sanitary Systems, Inc., Rockford, Illinois, and as noted on plans.

Separator Specifications: Furnish _____ Rockford Model GF-_____ all-welded steel separators with integral extension of _____" to grade, _____ g.p.m. intermittent flow, _____" tapped inlet and outlet with outlet vent connection, 2" tapped internal rear vent connection, _____lb. greasy sludge capacity, visible double-wall outside trap seal, non-removable separator screen and easily removable filter screen, removable 3/8" nonskid diamond treadplate cover for flush-with-floor installation suitable for pedestrian traffic and secured with stainless steel flat head screws, OPEX® Shop Coat coating inside, bituminous coating outside. Specify **R** (right hand) or **L** (left hand).

Optional Features: Concrete anchor flange with or without clamping ring, hub inlet and outlet connections, acid-resistant coating inside and outside. Epoxy coated. Filter medium, sediment basket. All stainless steel.



- † Anchor flange requires 3" extension.
- * Also available with 2" inlet and outlet.
- + Internal vent connection is located on outlet wall, right-hand side of the outlet.

Unit with extension (GFE) available upon request.

Commercial and Industrial Grease Separators

Model	Intermittent Flow GPM	Tapped Inlet and Outlet	Static Holding Capacity	Greasy Sludge Capacity	Top to Center of Outlet A	Bottom to Center of Inlet B	Bottom to Center of Outlet C	Width D	Length E	Height F	Overall Length G	Tapped Internal Vent+	Bottom to Internal Vent	Shipping Weight	Number of Covers
GIS-60†	150	4"	150gal.	756lb.	13"	22.5"	27"	36"	45"	40"	59"	3"	34"	1,020lb.	2
GIS-70†	200	• 6"	225gal.	1,134lb.	14.75"	29"	35.25"	36"	52"	50"	76.63"	3"	44"	1,359lb.	2
GIS-75	225	• 6"	300gal.	1,512lb.	20.5"	40"	46.5"	36"	52"	67"	76.63"	3"	55"	1,448lb.	2
GIS-80	250	• 6"	400gal.	2,016lb.	21"	39.5"	46"	42"	61"	67"	85.63"	3"	59"	1,912lb.	2
GIS-85	300	• 6"	500gal.	2,520lb.	26.75"	33.5"	36.75"	54"	71"	63.5"	92.5"	3"	55"	2,611lb.	2
GIS-90	350	• 6"	600gal.	3,024lb.	20"	37"	43.5"	54"	71"	63.5"	95.63"	3"	55"	2,611lb.	2
GIS-96	400	• 6"	750gal.	3,780lb.	17"	40"	46.5"	54"	80"	63.5"	104.63"	3"	55"	2,705lb.	3
GIS-100	500	• 6" *	800gal.	4,032lb.	19.5"	40"	46.5"	57"	86"	66"	110.63"	3"	58"	2,994lb.	3
GIS-200	750	• 6" *	1,100gal.	5,544lb.	22.5"	43"	49.5"	57"	115"	72"	139.63"	3"	64"	3,850lb.	4

Job Specification: Grease separators shall be Rockford Separators as manufactured by Rockford Sanitary Systems, Inc., Rockford, Illinois, and as noted on plans.

Separator Specifications: Furnish ___ Rockford Model GIS-___ all-welded 1/4" steel separators, ___ g.p.m. intermittent flow, ___" (tapped), (hubbed) inlet and outlet with tapped outlet vent connection, ___" tapped internal vent connection, ___lb. greasy sludge capacity, visible double-wall outside trap seal, non-removable separator screen with easily removable filter screen, removable heavy-duty cover of steel plate for on-the-floor or partially recessed installation, removable 3/8" nonskid diamond treadplate cover(s) for flush-with-floor installation suitable for pedestrian traffic, or reinforced for (light) or (heavy) traffic, secured with stainless steel flat head screws, heavy-duty leakproof gasket, OPEX® Shop Coat coating inside and bituminous coating outside.

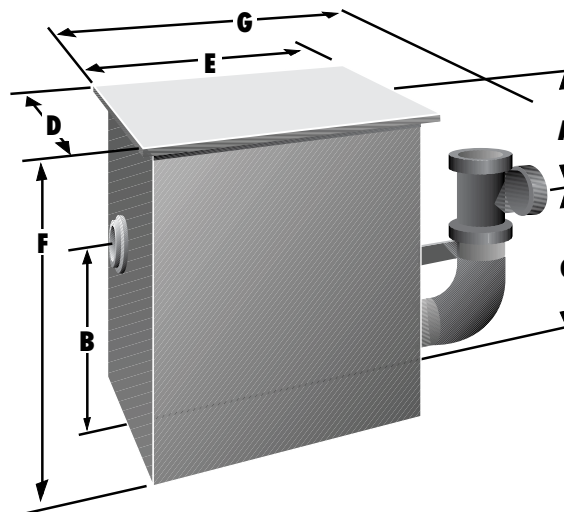
Optional Features: Flashing flange with or without clamping ring, filter media, cover(s) with lift handles, integral extension to grade, epoxy coating. All stainless steel. Double-wall construction.

Screen Clearance

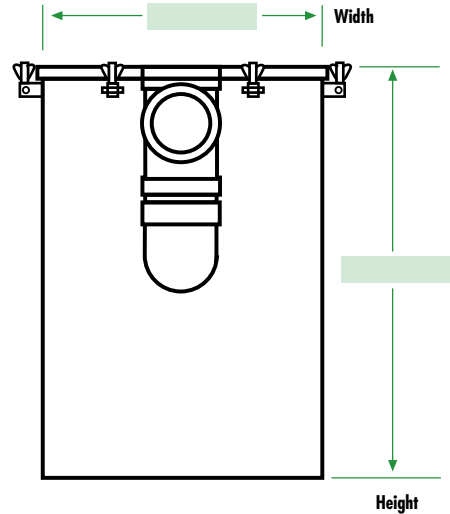
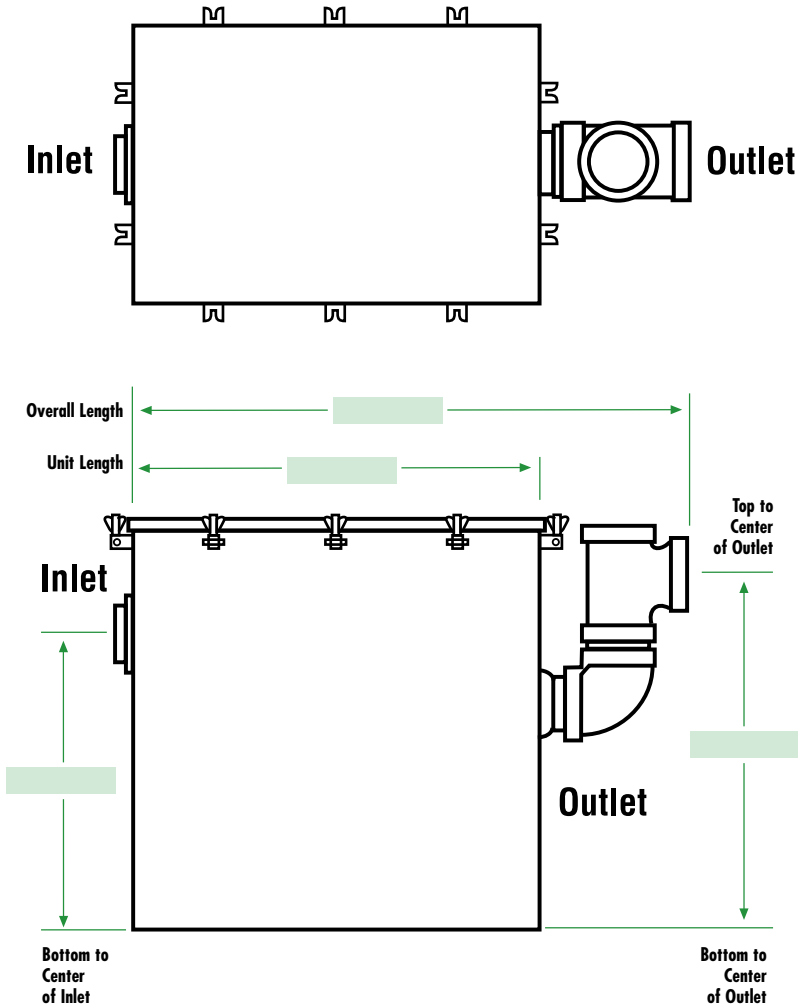
Model GIS	-60	-70	-75	-80	-85	-90	-96	-100	-200
Number of Covers	2	2	2	2	2	2	3	3	4
Screen Cleaning Clearance	15"	21"	24"	29"	29"	29"	29"	38"	38"

- + Internal vent connection is located on outlet wall, right-hand side of the outlet.
- † Anchor flange requires 3" extension.
- 6" and larger – companion flange connection.
- * Also available with 8" or 10" inlet and outlet.

Larger Units and Smaller Units Available. Specialty models such as the GPS Series (meat packing) and GSC Series (pre-fabricated) also available. Call for specifications.



On-the-Floor Grease Separator – Outlet Opposite Inlet



Specifications: Rockford Model G-_____-M all-welded steel separator for on-the-floor installation, _____ gallon static holding capacity, _____ g.p.m. intermittent flow, _____" tapped inlet/outlet with _____ lb. greasy sludge capacity, visible double-wall outside trap seal, non-removable separator screen with easily removable filter screen, gasketed cover hand-tightened to body with safety-catch bolt assemblies, enamel coating inside and outside.

Optional Features (Additional Cost):

- Filter Medium
- Epoxy Coating
- Stainless Steel
- Sediment Basket
- Draw-Off Valve

Quote # _____

Job Name _____

Approved by _____

Company _____

Date _____

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Low Rough-In Grease Separator – Outlet Opposite Inlet

**GREASE
SEPARATORS**

GREASE
INTERCEPTORS

GREASE
AUTOMATIC
SERIES

OIL
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FUEL
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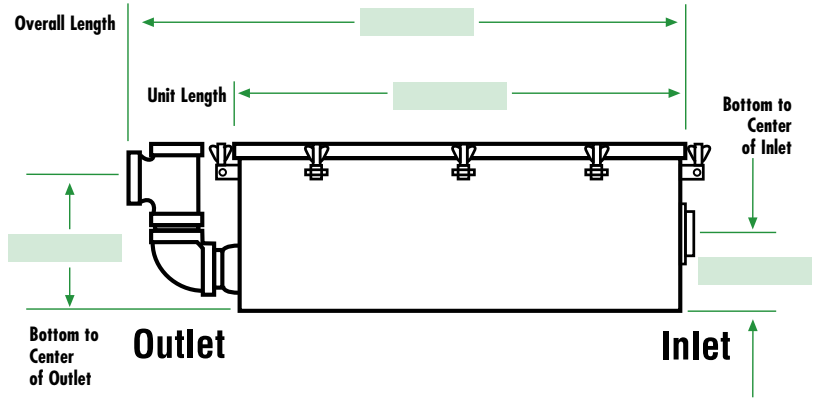
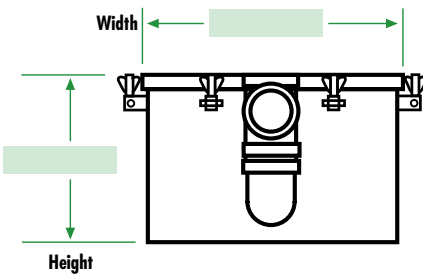
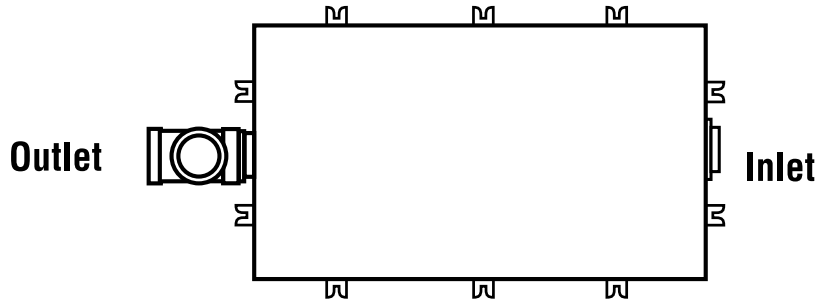
LINT
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SAND/
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Specifications: Rockford Model G-_____-LOM all-welded steel separator for on-the-floor installation, _____ gallon static holding capacity, _____ g.p.m. intermittent flow, _____" tapped inlet/outlet with _____ lb. greasy sludge capacity, visible double-wall outside trap seal, non-removable separator screen with easily removable filter screen, gasketed cover hand-tightened to body with safety-catch bolt assemblies, enamel coating inside and outside.

Optional Features (Additional Cost):

- Filter Medium
- Epoxy Coating
- Stainless Steel
- Sediment Basket
- Draw-Off Valve

Quote # _____

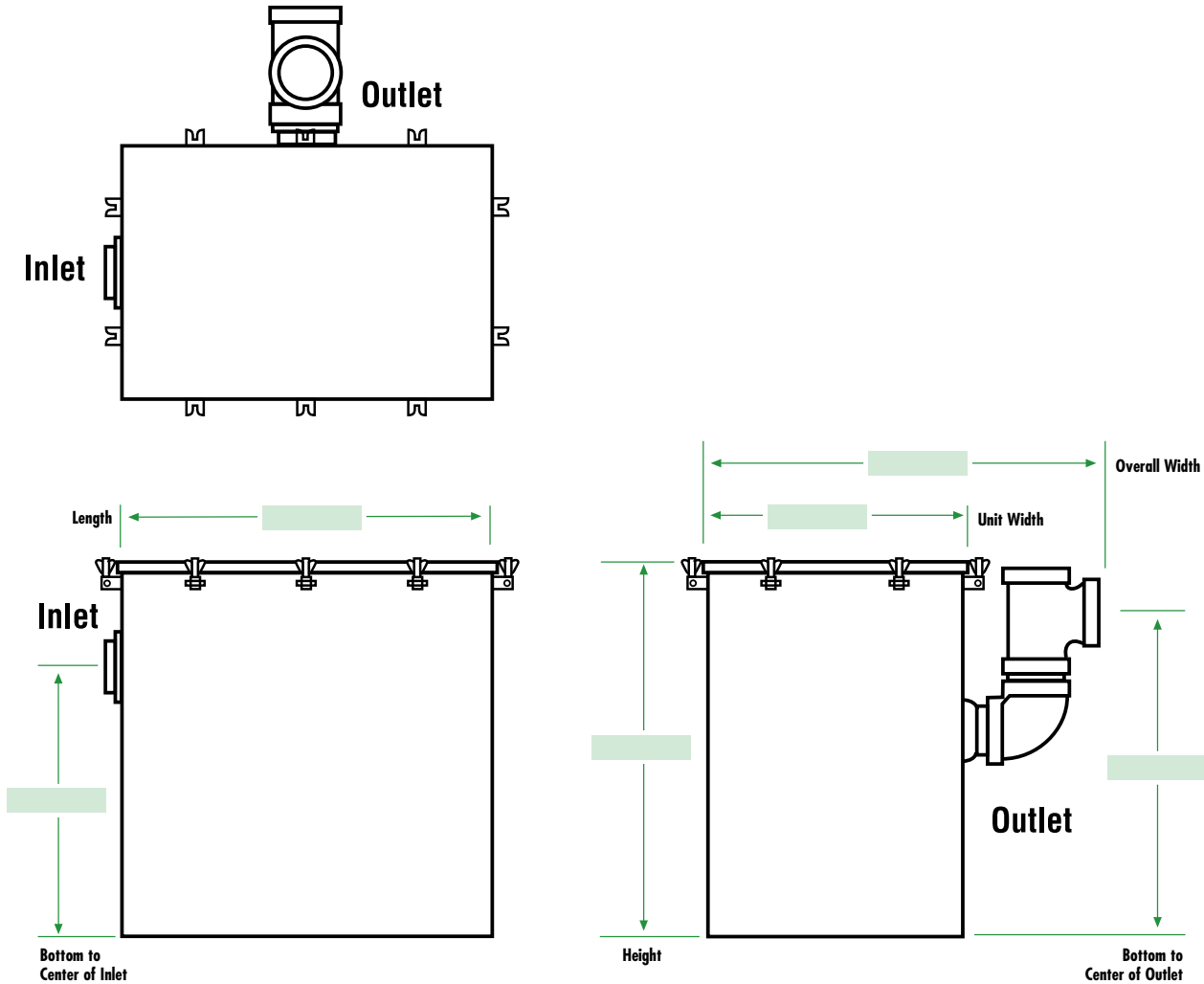
Job Name _____

Approved by _____

Company _____

Date _____

On-the-Floor Grease Separator – Outlet Located LEFT of Inlet



Specifications: Rockford Model G-____-L all-welded steel separator for on-the-floor installation, _____ gallon static holding capacity, _____ g.p.m. intermittent flow, _____" tapped inlet/outlet with _____ lb. greasy sludge capacity, visible double-wall outside trap seal, easily removable separator screen and filter screen, gasketed cover hand-tightened to body with safety-catch bolt assemblies, enamel coating inside and outside.

Optional Features (Additional Cost):

- Filter Medium
- Epoxy Coating
- Stainless Steel
- Sediment Basket
- Draw-Off Valve

Quote # _____

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Approved by _____

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Low Rough-In Grease Separator – Outlet Located LEFT of Inlet

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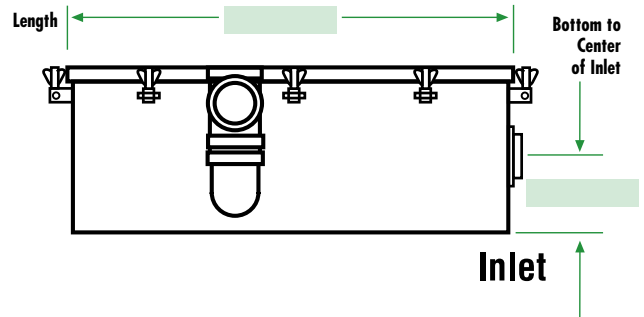
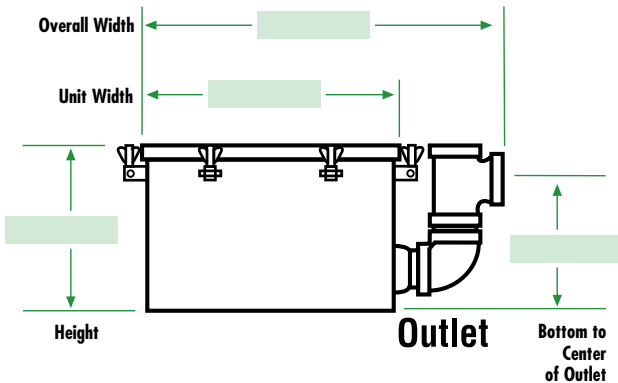
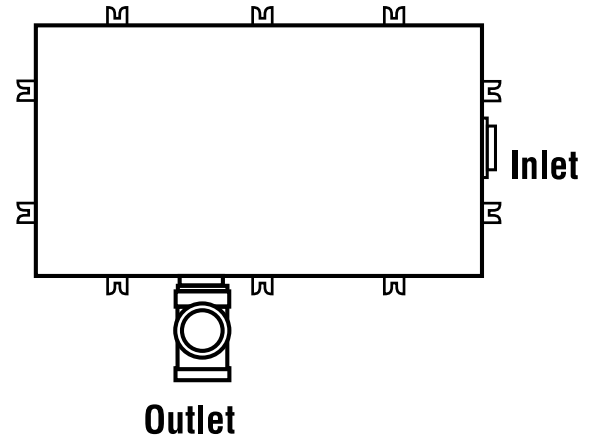
LINT SEPARATORS

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Specifications: Rockford Model G-_____-LOL all-welded steel separator for on-the-floor installation, _____ gallon static holding capacity, _____ g.p.m. intermittent flow, _____" tapped inlet/outlet with _____ lb. greasy sludge capacity, visible double-wall outside trap seal, easily removable separator screen and filter screen, gasketed cover hand-tightened to body with safety-catch bolt assemblies, enamel coating inside and outside.

Optional Features (Additional Cost):

- Filter Medium
- Epoxy Coating
- Stainless Steel
- Sediment Basket
- Draw-Off Valve

Quote # _____

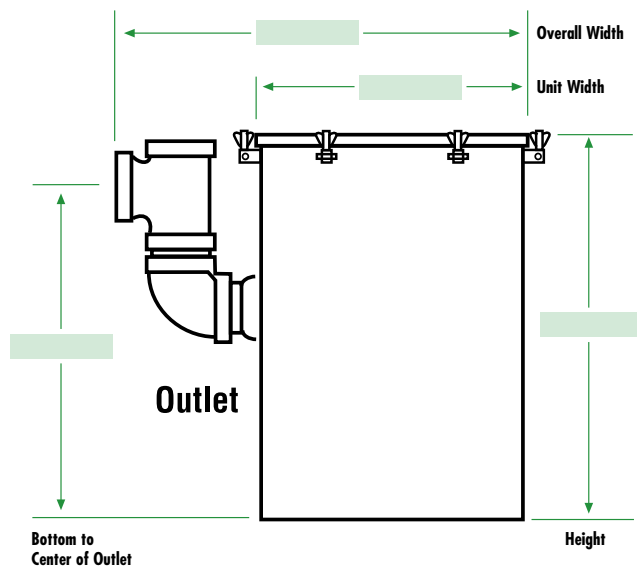
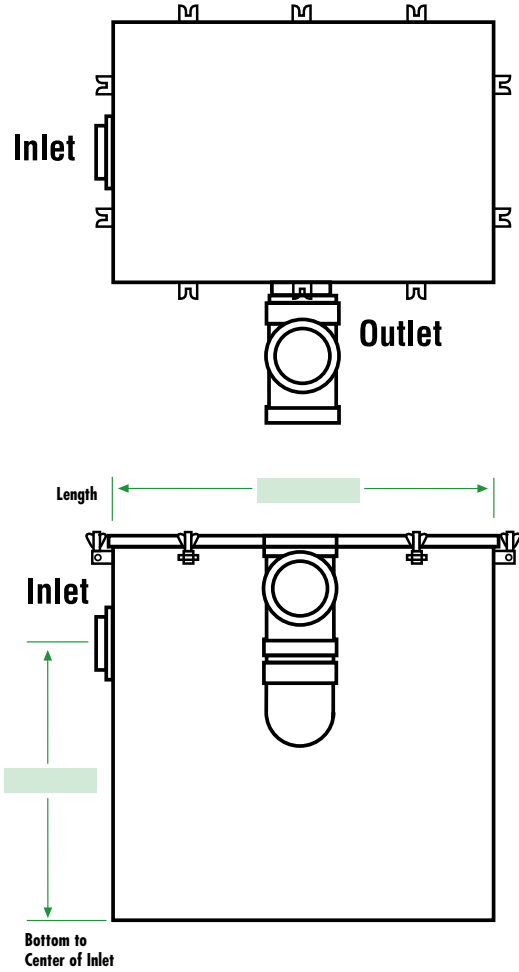
Job Name _____

Approved by _____

Company _____

Date _____

On-the-Floor Grease Separator – Outlet Located RIGHT of Inlet



Specifications: Rockford Model G-____-R all-welded steel separator for on-the-floor installation, _____ gallon static holding capacity, _____ g.p.m. intermittent flow, _____" tapped inlet/outlet with _____ lb. greasy sludge capacity, visible double-wall outside trap seal, easily removable separator screen and filter screen, gasketed cover hand-tightened to body with safety-catch bolt assemblies, enamel coating inside and outside.

Optional Features (Additional Cost):

- Filter Medium
- Epoxy Coating
- Stainless Steel
- Sediment Basket
- Draw-Off Valve

Quote # _____

Job Name _____

Approved by _____

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Low Rough-In Grease Separator – Outlet Located RIGHT of Inlet

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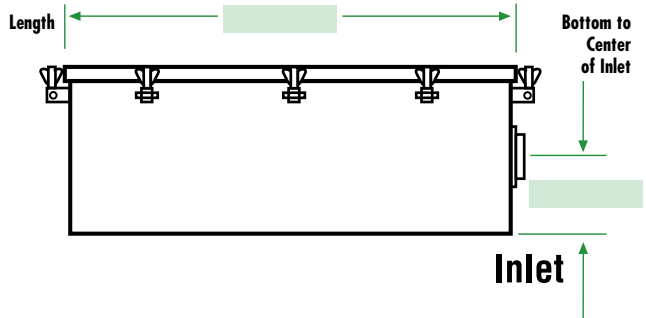
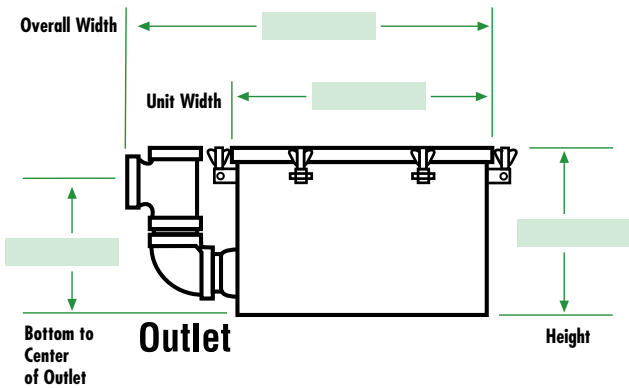
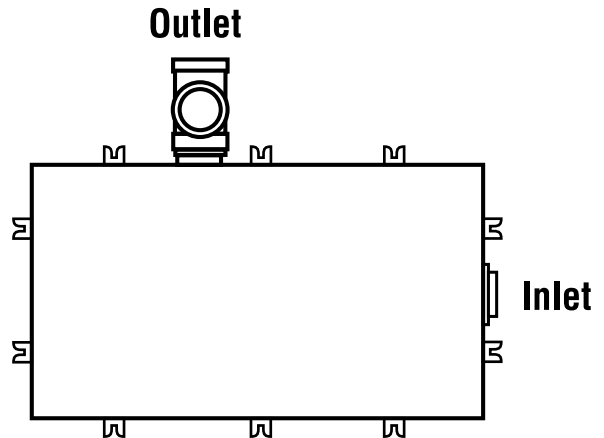
LINT SEPARATORS

SAND/ SEDIMENT

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Quote # _____

Job Name _____

Approved by _____

Company _____

Date _____

Specifications: Rockford Model G-_____ -LOR all-welded steel separator for on-the-floor installation, _____ gallon static holding capacity, _____ g.p.m. intermittent flow, _____" tapped inlet/outlet with _____ lb. greasy sludge capacity, visible double-wall outside trap seal, easily removable separator screen and filter screen, gasketed cover hand-tightened to body with safety-catch bolt assemblies, enamel coating inside and outside.

Optional Features (Additional Cost):

- Filter Medium
- Epoxy Coating
- Stainless Steel
- Sediment Basket
- Draw-Off Valve

Flush-with-Floor Grease Separator with 2" Inlet/Outlet – Outlet Opposite Inlet

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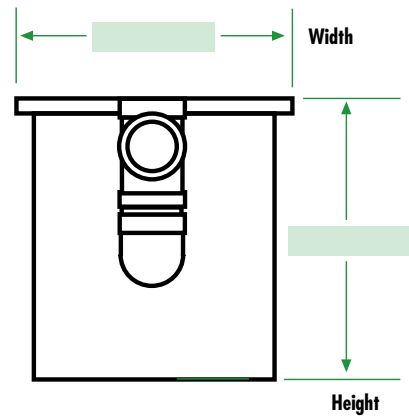
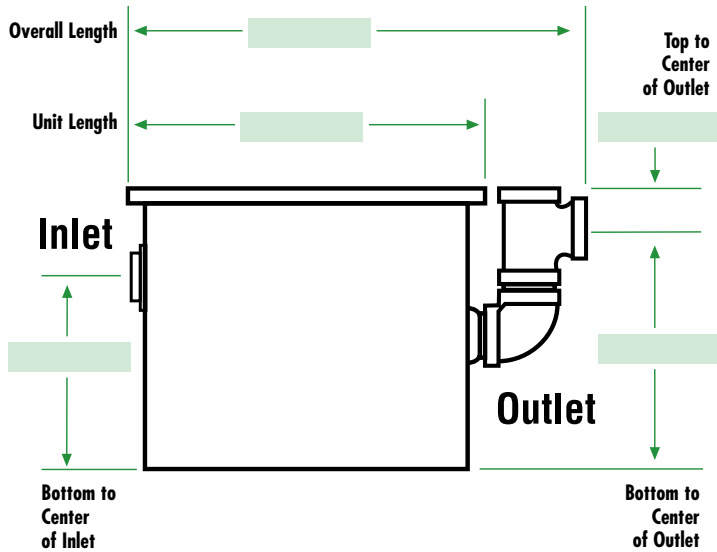
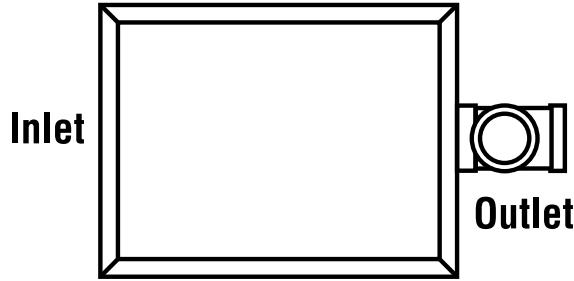
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Specifications: Rockford Model GF-_____-M all-welded steel separator, _____ gallon static holding capacity, _____ g.p.m. intermittent flow, _____" tapped inlet/outlet with _____ lb. greasy sludge capacity, visible double-wall outside trap seal, non-removable separator screen with easily removable filter screen, removable 3/8" nonskid diamond treadplate cover for flush-with-floor installation suitable for pedestrian traffic secured with stainless steel flat head screws, heavy-duty leakproof gasket, OPEX® Shop Coat coating inside and bituminous coating outside.

Optional Features (Additional Cost):

- Filter Medium
- Aluminum Cover
- Epoxy Coating
- Hub Inlet & Outlet
- Sediment Basket
- Copper Fittings
- PVC Fittings
- Anchor Flange
- Stainless Steel Construction
- Anchor Flange & Clamp Ring
- Extension to Grade _____ Inches

Quote # _____

Job Name _____

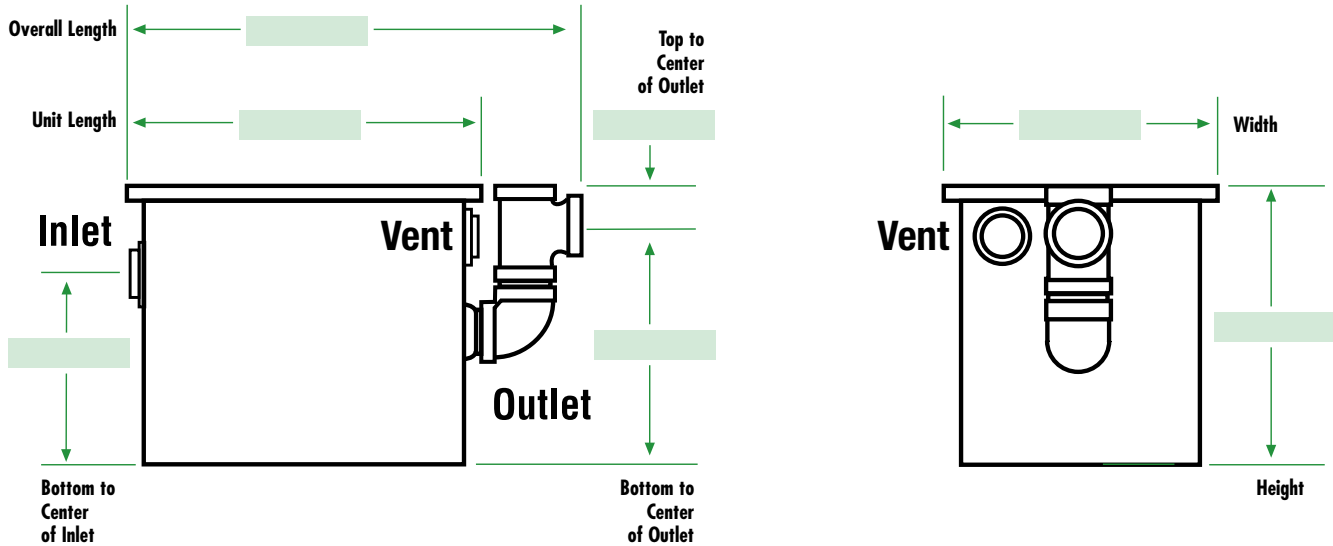
Approved by _____

Company _____

Date _____

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Flush-with-Floor Grease Separator – 3" and 4" Inlet/Outlet with Body Vent – Outlet Opposite Inlet



NOTE: Anchor Flange requires minimum 3.00" of extension

Specifications: Rockford Model GF-_____-M all-welded steel separator, _____ gallon static holding capacity, _____ g.p.m. intermittent flow, _____" tapped inlet/outlet with outlet vent connection, 2" tapped vent connection, _____ lb. greasy sludge capacity, visible double-wall outside trap seal, easily removable filter screen, removable 3/8" nonskid diamond treadplate cover for flush-with-floor installation suitable for pedestrian traffic secured with stainless steel flat head screws, heavy-duty leakproof gasket, OPEX® Shop Coat coating inside and bituminous coating outside.

Optional Features (Additional Cost):

- Filter Medium
- Aluminum Cover
- Epoxy Coating
- Hub Inlet & Outlet
- Sediment Basket
- Copper Fittings
- PVC Fittings
- Anchor Flange
- Stainless Steel Construction
- Anchor Flange & Clamp Ring
- Extension to Grade _____ Inches

Quote # _____

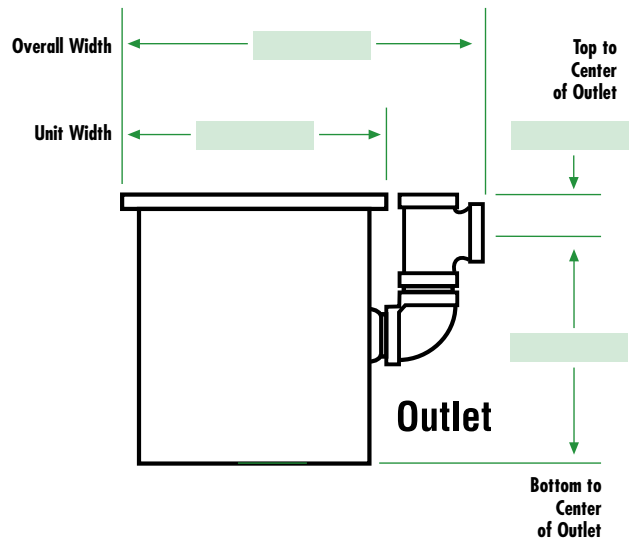
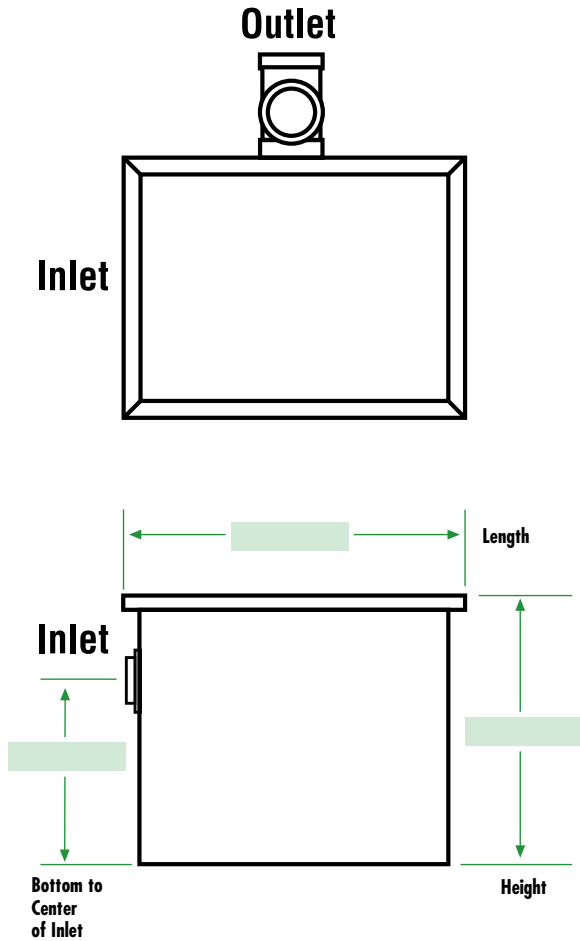
Job Name _____

Approved by _____

Company _____

Date _____

Flush-with-Floor Grease Separator with 2" Inlet/Outlet – Outlet Located LEFT of Inlet



Specifications: Rockford Model GF-_____-L all-welded steel separator, _____ gallon static holding capacity, _____ g.p.m. intermittent flow, _____" tapped inlet/outlet, _____ lb. greasy sludge capacity, visible double-wall outside trap seal, easily removable separator screen and filter screen, removable 3/8" nonskid diamond treadplate cover for flush-with-floor installation suitable for pedestrian traffic secured with stainless steel flat head screws, heavy-duty leakproof gasket, OPEX® Shop Coat coating inside and bituminous coating outside.

Optional Features (Additional Cost):

- Filter Medium
- Aluminum Cover
- Epoxy Coating
- Hub Inlet & Outlet
- Sediment Basket
- Copper Fittings
- PVC Fittings
- Anchor Flange
- Stainless Steel Construction
- Anchor Flange & Clamp Ring
- Extension to Grade _____Inches

Quote # _____

Job Name _____

Approved by _____

Company _____

Date _____

OVERVIEW

GREASE SEPARATORS

GREASE INTERCEPTORS

GREASE AUTOMATIC SERIES

OIL SEPARATORS

FUEL INTERCEPTORS

LINT SEPARATORS

SAND/ SEDIMENT

DRAINS

BASINS

REPLACEMENT PARTS

OVERVIEW

Flush-with-Floor Grease Separator – 3" and 4" Inlet/Outlet with Body Vent – Outlet Located LEFT of Inlet

GREASE
SEPARATORS

GREASE
INTERCEPTORS

GREASE
AUTOMATIC
SERIES

OIL
SEPARATORS

FUEL
INTERCEPTORS

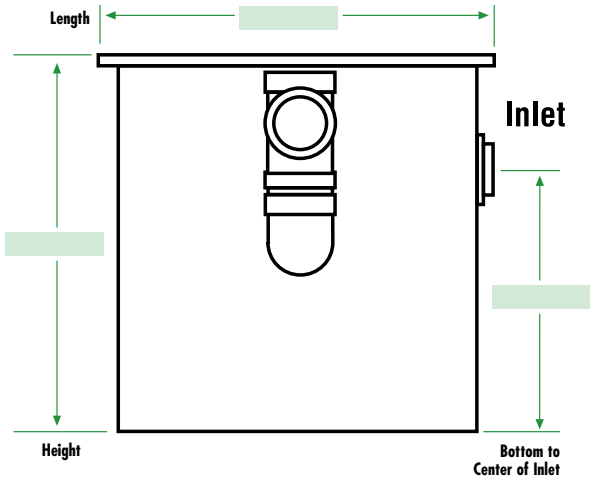
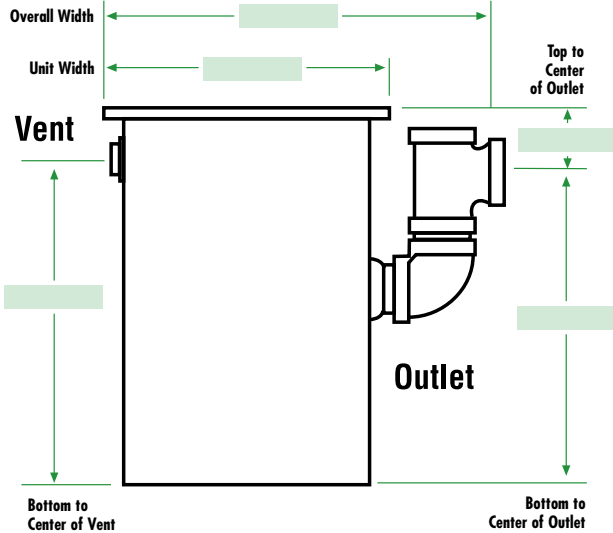
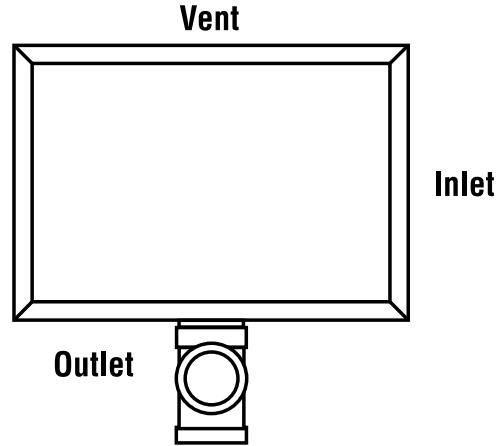
LINT
SEPARATORS

SAND/
SEDIMENT

DRAINS

BASINS

REPLACEMENT
PARTS



NOTE: Anchor Flange requires minimum 3.00" of extension

Specifications: Rockford Model GF- [] -L all-welded steel separator, [] gallon static holding capacity, [] g.p.m. intermittent flow, []" tapped inlet/outlet with outlet vent connection, 2" tapped vent connection, [] lb. greasy sludge capacity, visible double-wall outside trap seal, easily removable separator screen and filter screen, removable 3/8" nonskid diamond treadplate cover for flush-with-floor installation suitable for pedestrian traffic secured with stainless steel flat head screws, heavy-duty leakproof gasket, OPEX® Shop Coat coating inside and bituminous coating outside.

Optional Features (Additional Cost):

- Filter Medium
- Aluminum Cover
- Epoxy Coating
- Hub Inlet & Outlet
- Sediment Basket
- Copper Fittings
- PVC Fittings
- Anchor Flange
- Stainless Steel Construction
- Anchor Flange & Clamp Ring
- Extension to Grade _____ Inches

Quote # _____

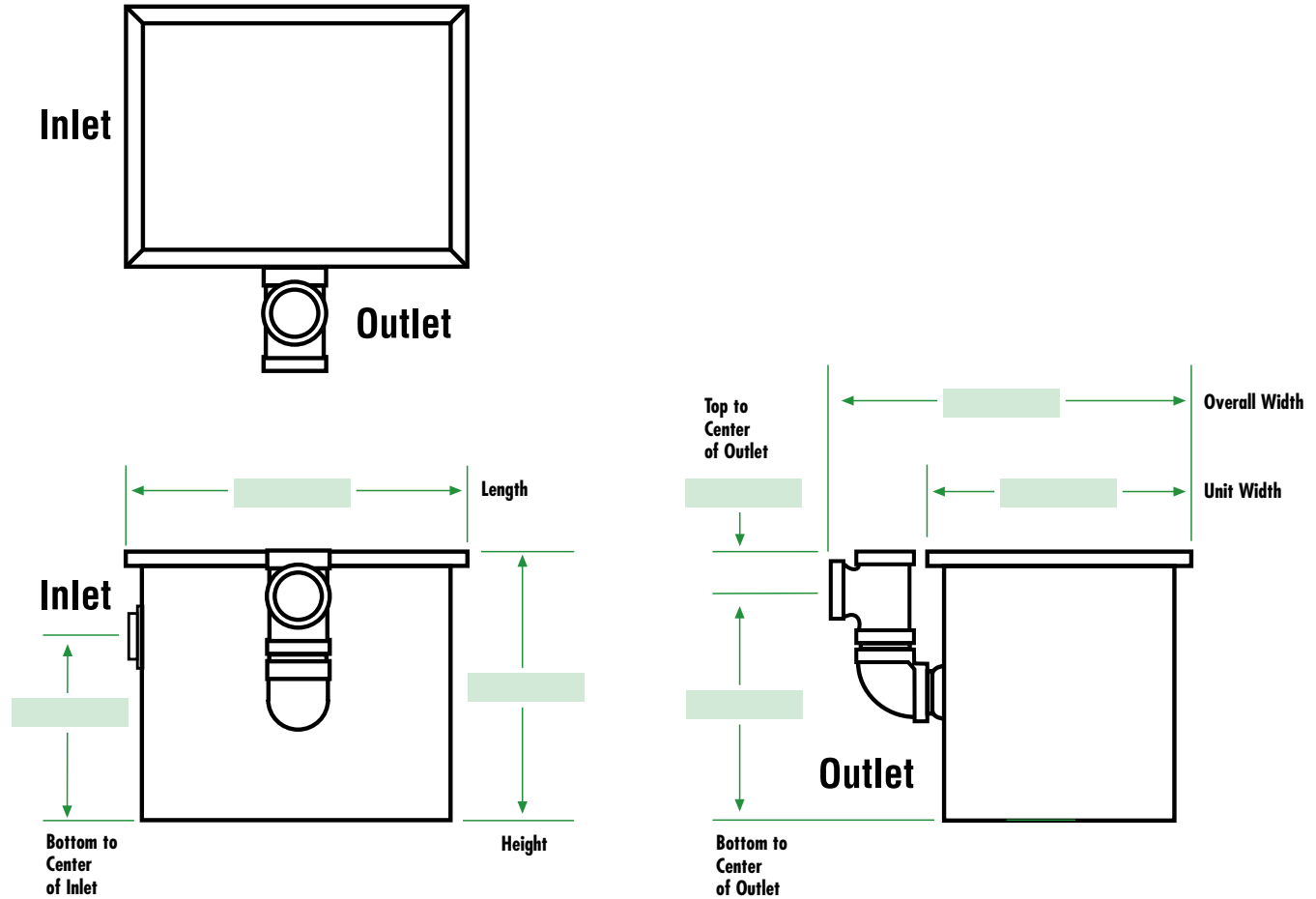
Job Name _____

Approved by _____

Company _____

Date _____

Flush-with-Floor Grease Separator with 2" Inlet/Outlet – Outlet Located RIGHT of Inlet



Specifications: Rockford Model GF- _____ -R all-welded steel separator, _____ gallon static holding capacity, _____ g.p.m. intermittent flow, _____" tapped inlet/outlet, _____ lb. greasy sludge capacity, visible double-wall outside trap seal, easily removable separator screen and filter screen, removable 3/8" nonskid diamond treadplate cover for flush-with-floor installation suitable for pedestrian traffic secured with stainless steel flat head screws, heavy-duty leakproof gasket, OPEX® Shop Coat coating inside and bituminous coating outside.

Optional Features (Additional Cost):

- Filter Medium
- Aluminum Cover
- Epoxy Coating
- Hub Inlet & Outlet
- Sediment Basket
- Copper Fittings
- PVC Fittings
- Anchor Flange
- Stainless Steel Construction
- Anchor Flange & Clamp Ring
- Extension to Grade _____ Inches

Quote # _____

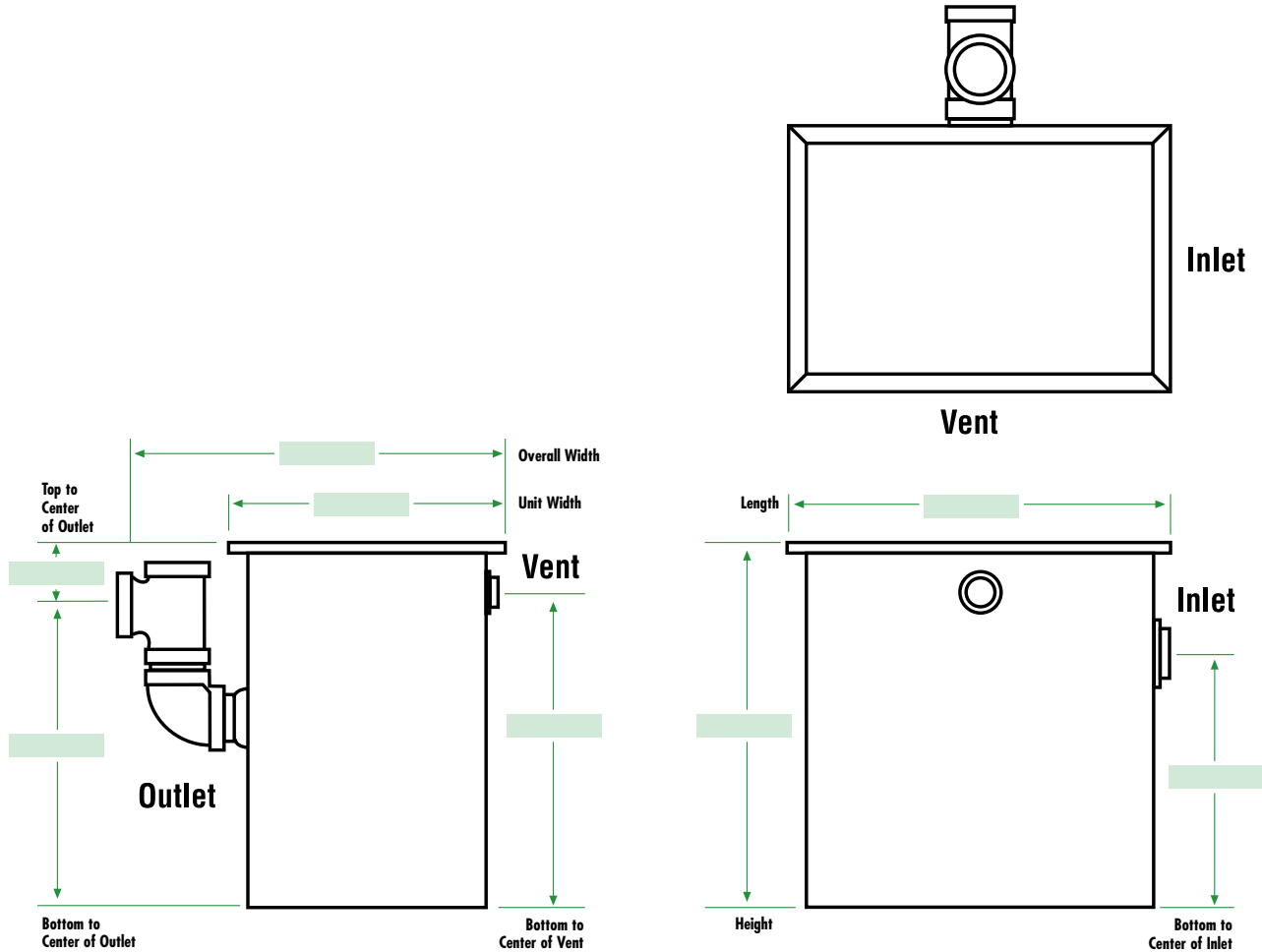
Job Name _____

Approved by _____

Company _____

Date _____

Flush-with-Floor Grease Separator – 3" and 4" Inlet/Outlet with Body Vent – Outlet Located RIGHT of Inlet



NOTE: Anchor Flange requires minimum 3.00" of extension

Specifications: Rockford Model **GF-_____ -R** all-welded steel separator, _____ gallon static holding capacity, _____ g.p.m. intermittent flow, _____" tapped inlet/outlet with outlet vent connection, 2" tapped vent connection, _____ lb. greasy sludge capacity, visible double-wall outside trap seal, easily removable separator screen and filter screen, removable 3/8" nonskid diamond treadplate cover for flush-with-floor installation suitable for pedestrian traffic secured with stainless steel flat head screws, heavy-duty leakproof gasket, OPEX® Shop Coat coating inside and bituminous coating outside.

Optional Features (Additional Cost):

- Filter Medium
- Aluminum Cover
- Epoxy Coating
- Hub Inlet & Outlet
- Sediment Basket
- Copper Fittings
- PVC Fittings
- Anchor Flange
- Stainless Steel Construction
- Anchor Flange & Clamp Ring
- Extension to Grade _____ Inches

Quote # _____

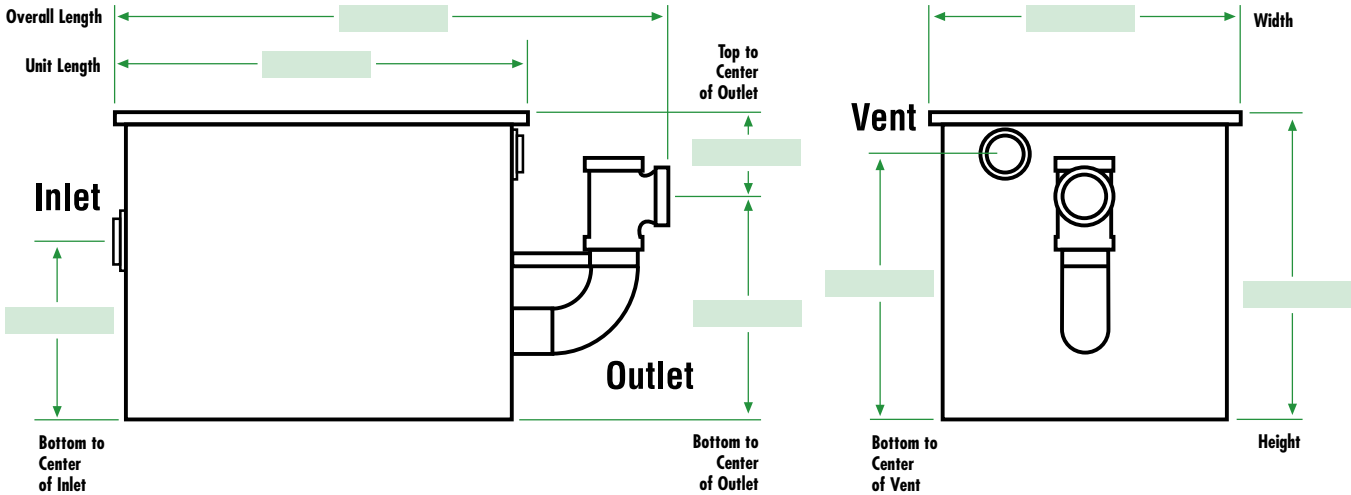
Job Name _____

Approved by _____

Company _____

Date _____

Commercial and Industrial Grease Interceptor – For 3" and 4" Inlet/ Outlet



NOTE: Anchor Flange requires minimum 3.00" of extension in GIS-60

Specifications: Rockford Model GIS-_____ all-welded 1/4" steel separator, _____ gallon static holding capacity, _____ g.p.m. intermittent flow, _____" tapped inlet/outlet with outlet vent connection, 3" tapped vent connection, _____ lb. greasy sludge capacity, visible double-wall outside trap seal, easily removable separator screen and filter screen, removable 3/8" nonskid diamond treadplate cover(s) for flush-with-floor installation suitable for pedestrian traffic secured with stainless steel flat head screws, heavy-duty leakproof gasket, OPEX® Shop Coat coating inside and bituminous coating outside.

Optional Features (Additional Cost):

- Anchor Flange
- Clamp Ring
- Recessed Lift Handles in Cover(s)
- Epoxy Coating
- Anodes
- Reinforced Cover(s) _____ Load
- Stainless Steel Construction
- Integral Extension _____ Inches
- Aluminum Cover(s)
- Alternate Inlet & Outlet Size _____ Inches
- Alternate Vent Connection Size _____ Inches
- Double-wall Construction
- Leak Detection
- Hold Down Pads

Quote # _____

Job Name _____

Approved by _____

Company _____

Date _____

OVERVIEW

GREASE SEPARATORS

GREASE INTERCEPTORS

GREASE AUTOMATIC SERIES

OIL SEPARATORS

FUEL INTERCEPTORS

LINT SEPARATORS

SAND/ SEDIMENT

DRAINS

BASINS

REPLACEMENT PARTS

OVERVIEW

Commercial and Industrial Grease Interceptor – For 6" Inlet/ Outlet and Above

GREASE SEPARATORS

GREASE INTERCEPTORS

GREASE AUTOMATIC SERIES

OIL SEPARATORS

FUEL INTERCEPTORS

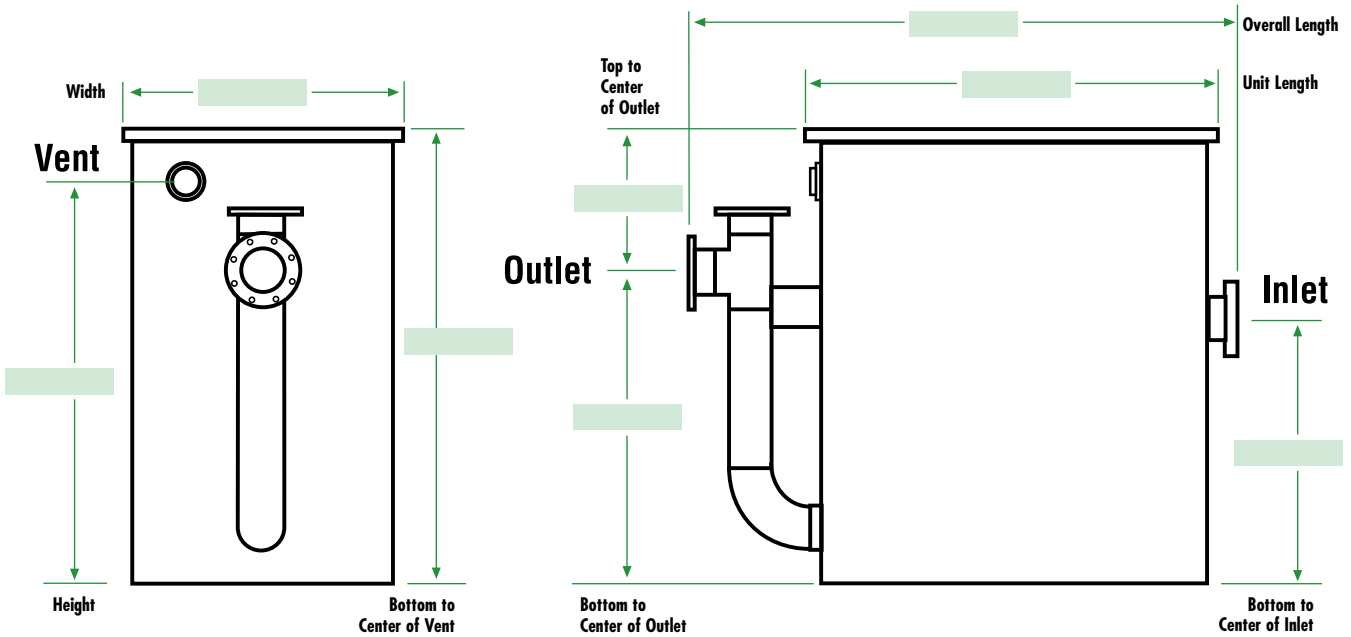
LINT SEPARATORS

SAND/ SEDIMENT

DRAINS

BASINS

REPLACEMENT PARTS



NOTE: 6.00" Inlet/Outlet and larger are companion flange connections.

Specifications: Rockford Model GIS-_____ all-welded 1/4" steel separator, _____ gallon static holding capacity, _____ g.p.m. intermittent flow, _____" companion flanged inlet/outlet with outlet vent connection, 3" tapped vent connection, _____ lb. greasy sludge capacity, visible double-wall outside trap seal, easily removable separator screen and filter screen, removable 3/8" nonskid diamond treadplate cover(s) for flush-with-floor installation suitable for pedestrian traffic secured with stainless steel flat head screws, heavy-duty leakproof gasket, OPEX® Shop Coat coating inside and bituminous coating outside.

Optional Features (Additional Cost):

- Anchor Flange
- Integral Extension _____Inches
- Clamp Ring
- Aluminum Cover(s)
- Recessed Lift Handles in Cover(s)
- Alternate Inlet & Outlet Size _____Inches
- Epoxy Coating
- Alternate Vent Connection Size _____Inches
- Anodes
- Double-wall Construction
- Reinforced Cover(s)_____Load
- Leak Detection
- Stainless Steel Construction
- Hold Down Pads

Quote # _____

Job Name _____

Approved by _____

Company _____

Date _____

Tested & Certified to PDI-G101



Interceptors are mainly used for one product. There are grease interceptors, solids interceptors, hair interceptors, lint interceptors, etc....but each unit can only be used for its intended purpose. In some cases, a combination of two units is required. Example: A solids interceptor should be used in front of a grease interceptor. All interceptors require an external flow control in front of it. Some will have a restrictor on the inlet of the interceptor and call it a built-in flow control. It is still on the front end of the interceptor and does not allow the waste to enter the interceptor unobstructed. External flow controls are nothing more than a blockage in the inlet line.

GREASE INTERCEPTOR SIZING – PDI METHOD

Three Compartment Sink

The separator should hold one half of the liquid holding capacity of the sink that it services. To determine the cubic holding capacity of the sink, multiply the Length by the Width by the Depth in inches. Divide this figure by 231 to obtain the liquid holding capacity in Gallons. (Example shown is a single compartment sink. Multiply by the number of compartments to get the total holding capacity.) Use this figure in the chart.

1st - determine the cubic content of the fixture by multiplying length x width x depth.

2nd - divide that by 231 (231 cubic inches = 1 gallon) to get the gallon capacity of the fixture.

Example:

1- three compartment sink

$$\frac{20 \times 20 \times 12 \times 3}{231} = \frac{14400 \text{ cu in}}{231} = 62.34 \text{ Gal}$$

For an interceptor, the unit needs a gpm rating equal to or greater than 75% of the fixtures capacity.

Example:

62.34 gallons x 75% = 46.76 gpm which would be a 50 gpm unit with a 1 minute drain down time.

With a 2 minute drain time a 25 gpm unit can be used with its appropriate flow control device installed.

PLEASE NOTE: The flow control fitting must be in place for these units to operate as designed!

For installations where a dishwasher is installed please contact Rockford Separators or your local manufacturer's representative.

HOW TO CLEAN THE INTERCEPTOR – ALL MODELS

For a passive grease interceptor to perform as designed, a strict maintenance schedule must be followed. If adequate maintenance is not performed, excessive grease buildup will occur until water, laden with grease, passes directly through the unit. Therefore, no matter how efficient the design or how proper the installation, these units perform only as well as the maintenance routine allows.

Cleaning and Maintenance Instructions should accompany every interceptor. It is a good practice to have a copy of the cleaning instructions located near the interceptor, directing the user on the proper operation/cleaning methods.

1. Remove floating grease.
2. Remove solids from the bottom of the unit.
3. Inspect gasket for damage and replace if necessary.
4. Replace cover and secure cover tightly.
5. Grease and other waste matter that has been removed from the interceptor should not be introduced into any drain, sewer, or natural body of water. This waste matter should be placed in proper containers for disposal.

Note: Cover gaskets are necessary to seal against gases and to prevent overflows. They must be heavy and elastic enough to give easy sealing.

Interceptors are not pressure vessels.

Covers should be easily removable. When an interceptor is set in the floor, stainless steel bolts should be used (brass bolts are too easily stripped; steel bolts become rust locked). NOTE: Interceptors not easily opened for cleaning will not be cleaned regularly.

Many products are sold as aids to seemingly clean grease interceptors. These include acids and caustics with known hazards in handling, or so-called "miracle enzymes" with limited conditions and special instructions. These type of products are NOT RECOMMENDED because of the damage they can do to the interceptor, as well as the fact that the interceptor catches the grease at the point of use to be disposed, and not to give the user a vessel to add chemicals into the waste stream.

For Solid waste interceptors, see RPS Series Page 35.

Tested & Certified to PDI-G101



Model	Intermittent Flow GPM	Static Holding Capacity	Greasy Sludge Capacity	Pipe Size	Top to Center of Inlet & Outlet A	Side to Center of Inlet & Outlet B	Bottom to Center of Inlet & Outlet C	Width D	Length E	Height F	Shipping Weight
RP-4	4	3.75	18lb.	2"	3.5"	5.125"	7"	13"	18"	10.5"	40lb.
RP-7	7	5.5"	27lb.	2"	3.5"	5.125"	9.5"	13"	18"	13"	52lb.
RP-10	10	7.5"	42lb.	2"	3.5"	6.125"	9.5"	15"	20"	13"	55lb.
RP-15	15	11.25	68lb.	2"	3.5"	7.125"	9.5"	17"	25"	13"	71lb.
RP-20	20	13"	77lb.	3"	3.5"	8"	9.5"	18.75"	27"	13"	80lb.
RP-25	25	20.25	103lb.	3"	4.5"	8.625"	13.5"	20"	26"	18"	125lb.
RP-35	35	30"	153lb.	4"	4.5"	8.625"	17.5"	20"	28.5"	22"	130lb.
RP-50	50	35.5"	201lb.	4"	4.5"	10.625"	17.5"	24"	30"	22"	154lb.
RP-20-LO*	20	11.25	68lb.	3"	3.5"	10.125"	6.5"	23"	32"	10"	130lb.
RP-35-LO*	35	20.25	101lb.	4"	4.75"	10.125"	8.5"	23"	39"	13.25"	165lb.
RP-50-LO*	50	38.25	219lb.	4"	5"	10.125"	11"	23"	52.25"	16"	210lb.

LARGE CAPACITY INTERCEPTORS

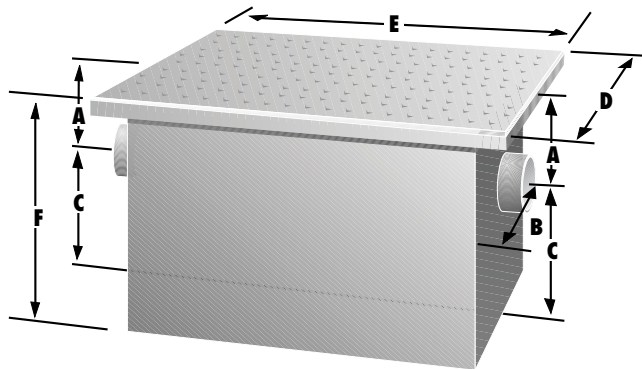
RP-75*	75	90.75	451lb.	4"	6"	12.625"	26"	28"	38"	32"	265lb.
RP-100*	100	125	621lb.	4"	6"	15.625"	26"	34"	42"	32"	320lb.
RP-125*	125	156	775lb.	4"	8"	18"	28"	36"	45"	36"	481lb.
RP-150*	150	196	1,021lb.	4"	10"	18"	30"	36"	52"	40"	518lb.
RP-200*	200	293	1,456lb.	4"	8"	21"	32"	42"	61"	40"	643lb.
RP-250*	250	509	2,529lb.	4"	9"	21"	54"	42"	61"	63"	969lb.
RP-300*	300	630	3,131lb.	4"	9"	27"	44"	54"	71"	53"	1,124lb.
RP-350*	350	780	3,876lb.	6"	9"	27"	54"	54"	71"	63"	1,265lb.
RP-400*	400	970	4,820lb.	6"	8"	28.5"	53"	57"	86"	61"	1,400lb.
RP-450*	450	990	4,920lb.	6"	8"	28.5"	54"	57"	86"	62"	1,475lb.
RP-500*	500	1,008	5,009lb.	6"	8"	28.5"	55"	57"	86"	63"	1,500lb.

Job Specification: Grease interceptors shall be Rockford Interceptors as manufactured by Rockford Sanitary Systems, Inc., Rockford, Illinois, and as noted on plans.

Interceptor Specifications: Furnish _____ Rockford Model RP-_____ PDI listed (thru 50 GPM only) all-welded steel interceptors for on-the-floor, partially recessed, or flush-with-floor installation, _____ g.p.m. intermittent flow, _____ lb. grease capacity, _____" no-hub inlet and outlet connections, flow control device, removable nonskid diamond treadplate cover for flush-with-floor installation suitable for pedestrian traffic or reinforced for light traffic, secured with stainless steel flat head screws, heavy-duty leakproof gasket. Units are furnished standard with enamel coating inside and outside. Supplied standard with air relief bypass. Bituminous coating outside for recessed installation optional at no extra charge.

Optional Features: Tapped inlet/outlet connections, epoxy coating, integral extensions, and stainless steel construction.

* Non-listed unit built in accordance with PDI G-101.
All units standard with no hub connections.



For Solid waste interceptors, see RPS Series Page 35.



THE STAINLESS STEEL GREASE INTERCEPTORS

Rockford Separators has introduced a new line of Stainless Steel Grease Interceptors that are inherently stronger and more durable than interceptors made from polyethylene. The new PDI- and IAPMO-approved Stainless Steel series includes models for flow rates from as little as 4 GPM up to a large, 100 GPM capacity unit. The use of stainless steel has also enabled Rockford Separators to offer users a lifetime warranty. While polyethylene interceptors are light, reasonably priced, and also won't corrode, these benefits usually aren't enough to outweigh the disadvantages of using a poly



grease interceptor over time. These include their inherent lack of strength and the ability to stand up to the rigors of day-to-day use. Poly interceptors aren't easily adaptable to the user's particular size and capacity requirements, and don't meet all the necessary approvals. The new Stainless Steel line is superior in all these categories, as well as now being comparable on price.

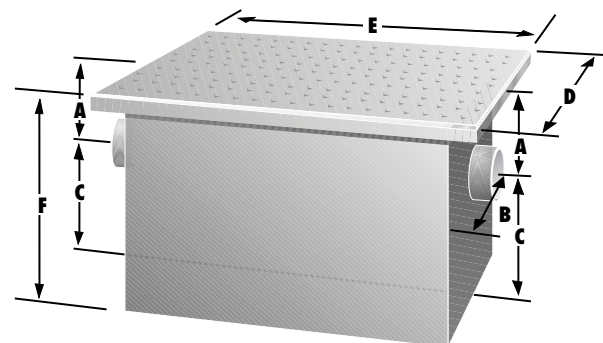
Tested & Certified to PDI-G101

Model	Intermittent Flow GPM	Greasy Sludge Capacity	Pipe Size	Top to Center of Inlet & Outlet A	Side to Center of Inlet & Outlet B	Bottom to Center of Inlet & Outlet C	Width D	Length E	Height F	Shipping Weight
RP-4-SS	4	18lb.	2"	3.5"	5.12"	7"	13"	18"	10.5"	40lb.
RP-7-SS	7	27lb.	2"	3.5"	5.12"	9.5"	13"	18"	13"	52lb.
RP-10-SS	10	42lb.	2"	3.5"	6.12"	9.5"	15"	20"	13"	55lb.
RP-15-SS	15	68lb.	2"	3.5"	7.12"	9.5"	17"	25"	13"	71lb.
RP-20-SS	20	77lb.	3"	3.5"	8"	9.5"	18.75"	27"	13"	80lb.
RP-25-SS	25	103lb.	3"	4.5"	8.62"	13.5"	20"	26"	18"	125lb.
RP-35-SS	35	153lb.	4"	4.5"	8.62"	17.5"	20"	28.5"	22"	130lb.
RP-50-SS	50	201lb.	4"	4.5"	10.62"	17.5"	24"	30"	22"	154lb.
RP-20-LO*-SS	20	68lb.	3"	3.5"	10.12"	6.5"	23"	32"	10"	130lb.
RP-35-LO*-SS	35	101lb.	4"	4.75"	10.12"	8.5"	23"	39"	13.25"	165lb.
RP-50-LO*-SS	50	219lb.	4"	5"	10.12"	11"	23"	52.25"	16"	210lb.
LARGE CAPACITY INTERCEPTORS										
RP-75*-SS	75	451lb.	4"	6"	12.62"	26"	28"	38"	32"	265lb.
RP-100*-SS	100	621lb.	4"	6"	15.62"	26"	34"	42"	32"	320lb.

Job Specification: Grease interceptors shall be Rockford Interceptors as manufactured by Rockford Sanitary Systems, Inc., Rockford, Illinois, and as noted on plans.

Interceptor Specifications: Furnish _____ Rockford Model **RP-SS** all-welded stainless steel interceptors _____ g.p.m. intermittent flow, _____ lb. grease capacity, _____" no-hub inlet and outlet connections, cast-iron flow control device, removable nonskid diamond treadplate cover for flush-with-floor installation, secured with stainless steel flat head screws and heavy-duty leakproof gasket.

Optional Features: Tapped inlet/outlet connections.



* Built in accordance with PDI G-101.
All units standard with no hub connections.

OVERVIEW

Semi-automatic Draw-off Grease Interceptors

GREASE SEPARATORS

GREASE INTERCEPTORS

GREASE AUTOMATIC SERIES

OIL SEPARATORS

FUEL INTERCEPTORS

LINT SEPARATORS

SAND/ SEDIMENT

DRAINS

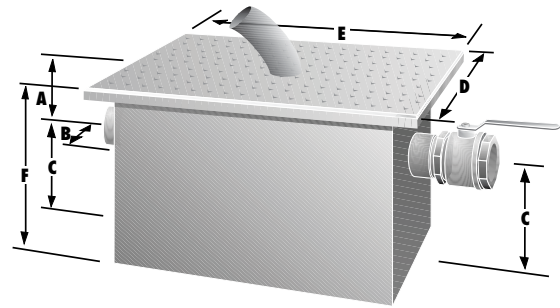
BASINS

REPLACEMENT PARTS

Model	Intermittent Flow GPM	Greasy Sludge Capacity	Pipe Size	Top to Center of Inlet & Outlet A	Side to Center of Inlet & Outlet B	Bottom to Center of Inlet & Outlet C	Width D	Length E	Height F	Shipping Weight
RPD-4	4	18lb.	2"	3.5"	6.5"	7"	13"	18"	10.5"	50lb.
RPD-7	7	27lb.	2"	3.5"	6.5"	9.5"	13"	18"	13"	55lb.
RPD-10	10	42lb.	2"	3.5"	7.5"	9.5"	15"	20"	13"	65lb.
RPD-15	15	68lb.	2"	3.5"	8.5"	9.5"	17"	25"	13"	81lb.
RPD-20	20	77lb.	3"	3.5"	9.38"	9.5"	18.75"	27"	13"	105lb.
RPD-25	25	103lb.	3"	4.5"	10"	13.5"	20"	26"	18"	128lb.
RPD-35	35	153lb.	4"	4.5"	10"	17.5"	20"	28.5"	22"	145lb.
RPD-50	50	201lb.	4"	4.5"	12"	17.5"	24"	30"	22"	173lb.
RPD-75	75	451lb.	4"	6"	14"	26"	28"	38"	32"	280lb.
RPD-100	100	621lb.	4"	6"	17"	26"	34"	42"	32"	340lb.
RPD-20-LO	20	68lb.	3"	3.5"	11.5"	6.5"	23"	32"	10"	110lb.
RPD-35-LO	35	101lb.	4"	4.75"	11.5"	8.5"	23"	39"	13.25"	185lb.
RPD-50-LO	50	219lb.	4"	5"	11.5"	11"	23"	52.25"	16"	235lb.

Job Specification: Grease interceptors shall be Rockford Interceptors as manufactured by Rockford Sanitary Systems, Inc., Rockford, Illinois, and as noted on plans.

Interceptor Specifications: Furnish _____ Rockford Model RPD-_____ enamel-coated steel interceptors for on-the-floor installation with _____" inlet and outlet, with _____ g.p.m. rating and _____ lb. grease capacity. Removable thread plate cover with draw-off hood and flexible hose secured with stainless flathead screws with heavy-duty gasket, shut-off valve, flow control fitting and draw-off plug.

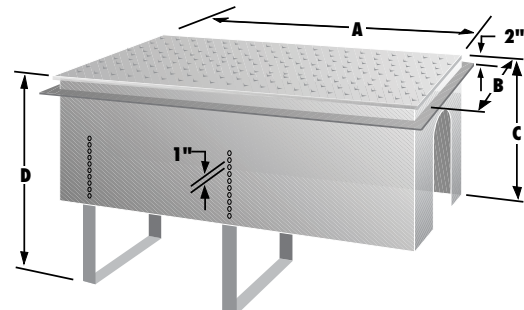


Cradles for RP/RPD Series

Model	Length A	Width B	Overall Depth C	Overall Depth Minimum D	Maximum D
RPDC-04-20	40"	24"	16"	15"	25"
RPDC-25-50	50"	28"	18"	24"	34"
RPDC-75-100	60"	40"	24"	35"	45"

Job Specification: Cradles shall be Rockford Cradles as manufactured by Rockford Sanitary Systems, Inc., Rockford, Illinois, and as noted on plans.

Cradle Specifications: Furnish _____ Rockford Model RPDC-_____ series receiving cradle for RPD series grease interceptors for flush-with-floor installation. Unit is OPEX® Shop Coat coated inside, bituminous coated outside. Removable thread plate cover secured with stainless flathead screws, heavy-duty gasket.



Tested & Certified to PDI-G101

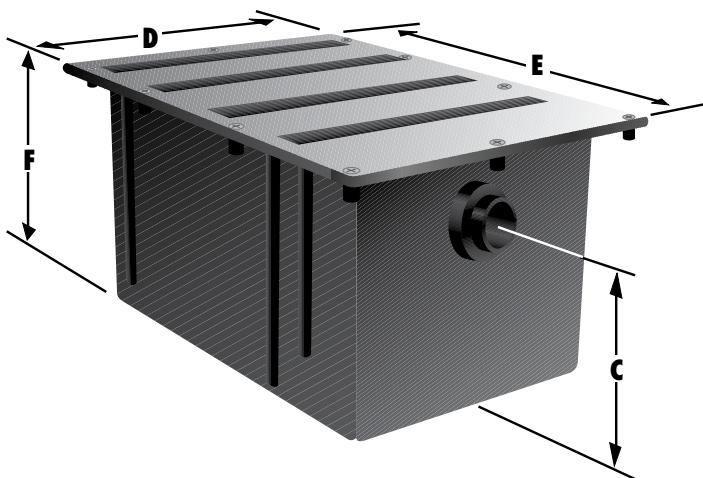


Model	Intermittent Flow GPM	Tapped Inlet and Outlet	Liquid Holding Capacity	Grease Capacity	Bottom to Center of Inlet/Outlet C	Width D	Length E	Height F	Shipping Weight
R-Poly-07	7	2"	5.6gal.	30lb.	7.75"	14.5"	20"	11.63"	15lb.
R-Poly-10	10	2"	7.3gal.	38lb.	8.5"	14.5"	23"	12.63"	18lb.
R-Poly-15	15	2"	12.1gal.	60lb.	9.5"	19.5"	23"	13.63"	25lb.
R-Poly-20	20	2"	17.6gal.	88lb.	10.5"	19.5"	29"	14.63"	30lb.
R-Poly-25	25	3"	24.8gal.	125lb.	13"	19.5"	32.5"	17.63"	35lb.
R-Poly-35	35	3"	30gal.	151lb.	14"	22"	32.5"	18.63"	40lb.
R-Poly-50	50	3"	40.5gal.	204lb.	14"	25"	37"	18.63"	50lb.
R-Poly-75*	75	3"	61.8gal.	311lb.	20"	25"	44"	24.63"	64lb.
R-Poly-100*	100	3"	125gal.	630lb.	25"	29.5"	53.5"	32"	200lb.
R-Poly-150*	150	4"	186gal.	937lb.	37"	41"	53.5"	45"	350lb.
R-Poly-200*	200	4"	225gal.	1134lb.	37"	41"	41.5"	44.5"	400lb.
R-Poly-250*	250	4"	405gal.	2041lb.	42"	41"	77"	49.5"	475lb.
R-Poly-350*	350	4"	560gal.	2822lb.	53"	41"	77"	61"	650lb.

Job Specification: Grease interceptors shall be Rockford Interceptors as manufactured by Rockford Sanitary Systems, Inc., Rockford, Illinois, and as noted on plans.

Interceptor Specifications: Furnish _____ Rockford Model **R-Poly-**_____ polyethylene grease interceptor with a flow rate of _____ g.p.m. and a grease capacity of _____ lbs. Unit shall be of seamless construction capable of withstanding 212 degree F. continuous service. Standard unit is furnished with a polyethylene cover secured with stainless steel screws, cover gasketed by O-ring type gasket. _____ " female NPT inlet/outlet connections with external flow control device included with unit. Tank shall be certified by PDI-G101* standard and installed in accordance with local plumbing code requirements and manufacturer's instructions.

Optional Features: Aluminum thread plate covers for pedestrian traffic. Nonskid surface strips for covers: sizes **R-Poly.20** and larger.



* Built in accordance with PDI-G101.



**THE NEW RGI GREASE INTERCEPTORS:
DESIGNED TO OUTPERFORM CONCRETE AT EVERY LEVEL**

Why take a chance on concrete, when there's a better alternative made from steel? It's called the RGI Series. Because they're steel, the RGI series are inherently lighter, stronger, and more durable and reliable than concrete. Installation is easier, faster and more economical too, since the RGI goes in as a single,

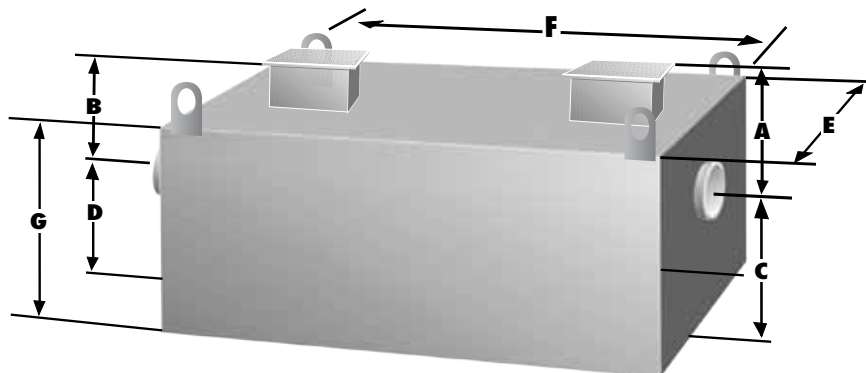
integral unit, vs. the more time-consuming assembly on-site of multiple concrete sections. Rockford Separators has aggressively driven down RGI production costs too, as well as offering Full Freight Allowed terms in the 48 states. The RGI is also H-20 load rated. The RGI's riser heights are also built to your specifications, and integrated into the structure itself.

Model	Liquid Holding Capacity	Greasy Sludge Capacity	Pipe Size	Top to Center		Bottom to Center		Width E	Length F	Height* G	Shipping Weight
				Outlet* A	Inlet* B	Outlet C	Inlet D				
RGI-750	750 gal.	3,780	4"	18"	16"	48"	50"	48"	84"	60"	1,900lb.
RGI-1000	1,000 gal.	5,040	4"	18"	16"	48"	50"	54"	96"	60"	2,200lb
RGI-1250	1,250 gal.	6,300	4"	16"	14"	50"	52"	60"	102"	60"	2,500lb
RGI-1500	1,500 gal.	7,560	4"	16"	14"	50"	52"	60"	120"	60"	2,800lb
RGI-2000	2,000 gal.	10,080	4"	16"	14"	50"	52"	72"	144"	60"	3,100lb

**Shown with standard 6" tall manway. Specify your requirement.*

Job Specification: Grease interceptors shall be Rockford Interceptors as manufactured by Rockford Sanitary Systems, Inc., Rockford, Illinois, and as noted on plans.

Interceptor Specifications: Rockford Model RGI-_____ all-welded steel gravity grease interceptor, with _____ gallon capacity, _____" threaded inlet/outlet connections, removable 3/8" nonskid diamond tread-plate cover for flush with grade installation suitable for heavy truck traffic, secured with stainless steel flat head screws heavy duty leak-proof gasket, and bituminous coating outside.



For Use Along with Corresponding RP Series Grease Interceptor to Intercept Solids

Model	Tapped Inlet & Outlet	Top to Center of Inlet & Outlet A	Side to Center of Inlet & Outlet B	Bottom to Center of Inlet & Outlet C	Width D	Length E	Height F	Shipping Weight
RPS-4	2"	3.5"	5.13"	7"	13"	10.75"	10.5"	37lb.
RPS-7	2"	3.5"	5.13"	9.5"	13"	11.25"	13"	40lb.
RPS-10	2"	3.5"	6.13"	9.5"	15"	12.75"	13"	47lb.
RPS-15	2"	3.5"	7.13"	9.5"	17"	12.75"	13"	53lb.
RPS-20	3"	3.5"	8"	9.5"	18.75"	15"	13"	65lb.
RPS-25	3"	4.5"	8.63"	13.5"	20"	12.25"	18"	70lb.
RPS-35	4"	4.5"	8.63"	17.5"	20"	12.25"	22"	75lb.
RPS-50	4"	4.5"	10.63"	17.5"	24"	12.25"	22"	90lb.
RPS-75	4"	6"	12.63"	26"	28"	16"	32"	
RPS-100	4"	6"	15.63"	26"	34"	16"	32"	

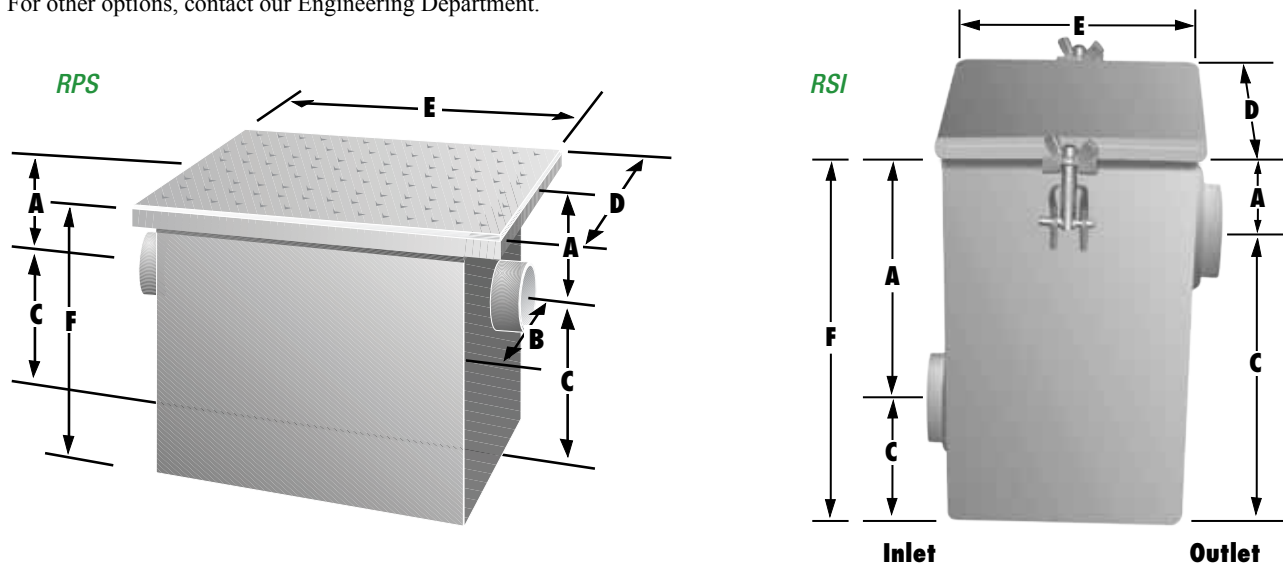
RSI-11	1.5"	N/A	3"	2/7"	6.38"	6.38"	10.63"	
RSI-12	2"	N/A	3"	2/7"	6.38"	6.38"	10.63"	

Job Specification: Solids interceptors shall be Rockford Interceptors as manufactured by Rockford Sanitary Systems, Inc., Rockford, Illinois, and as noted on plans.

Interceptor Specifications: Furnish ___ Rockford Model RPS-___ all-welded steel interceptors for on-the-floor, partially recessed, or flush-with-floor installation. Removable cover sealed with a heavy-duty leakproof gasket and secured with stainless steel flat head screws. Removable sediment basket for ease of cleaning. ___" no-hub inlet and outlet connections. Size to be used with corresponding RP Series Interceptors.

Optional Features: Anchor flange with or without clamping ring, integral extension to grade, epoxy coating, all stainless steel construction, tapped inlet/outlet connections, stainless steel sediment basket.

For other options, contact our Engineering Department.



Stainless steel units available.

OVERVIEW

Grease Interceptor – Tested & Certified to PDI-G101

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OIL SEPARATORS

FUEL INTERCEPTORS

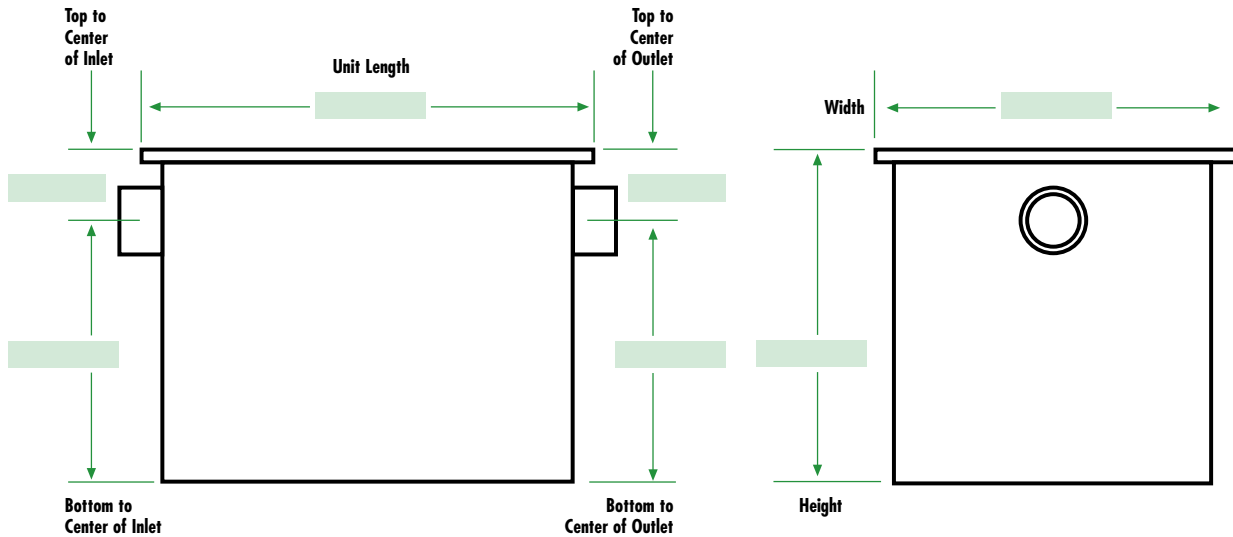
LINT SEPARATORS

SAND/ SEDIMENT

DRAINS

BASINS

REPLACEMENT PARTS



Quote # _____

Job Name _____

Approved by _____

Company _____

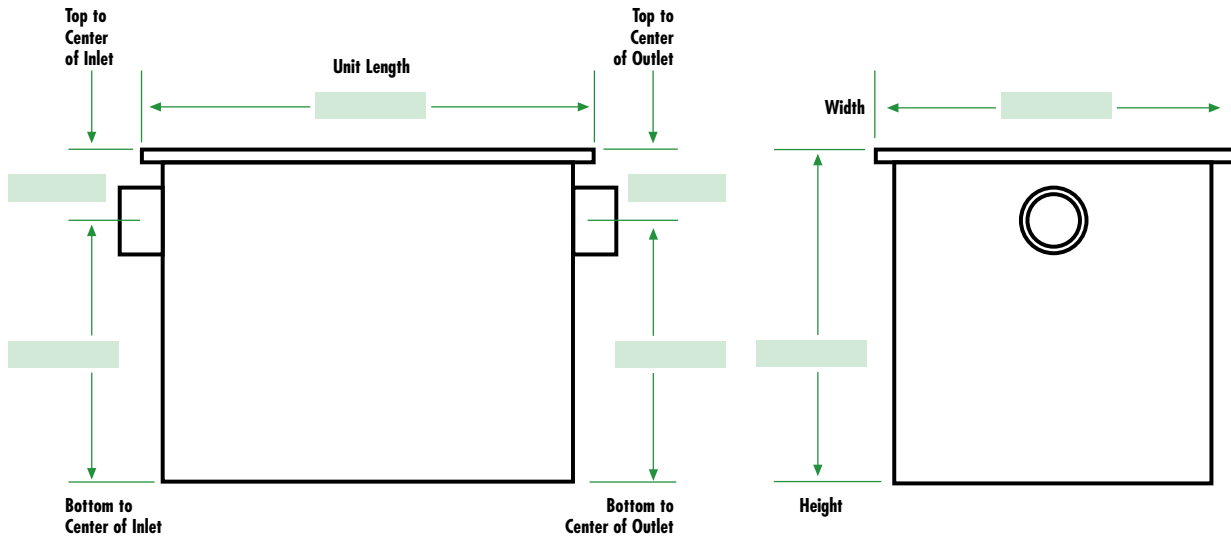
Date _____

Specifications: Rockford **Model RP-** _____ PDI listed (thru 50 GPM only), all-welded steel interceptor, _____ g.p.m. intermittent flow, _____ lb. grease capacity, _____ " no-hub inlet/outlet and flow control device, removable 3/8" nonskid diamond treadplate cover for flush-with-floor or on-the-floor installation suitable for pedestrian traffic secured with stainless steel flat head screws, heavy-duty leakproof gasket, enamel coating inside and outside.

Optional Features (Additional Cost):

- Anchor Flange
- Epoxy Coating
- Anchor Flange & Clamp Ring
- Extension to Grade _____ Inches
- Reinforced Cover
- Recessed Lift Handle _____ Per Cover
- Recessed Cover for _____ Thick Tile

Grease Interceptor – Tested & Certified to PDI-G101



Specifications: Rockford **Model RP-SS** _____ PDI listed (thru 50 GPM only), all-welded steel stainless interceptor, _____ g.p.m. intermittent flow, _____ lb. grease capacity, _____ " no-hub inlet/outlet and flow control device, removable 3/8" nonskid diamond treadplate cover for flush-with-floor or on-the-floor installation suitable for pedestrian traffic secured with stainless steel flat head screws, heavy-duty leakproof gasket, enamel coating inside and outside.

Optional Features (Additional Cost):

- Anchor Flange
- Anchor Flange & Clamp Ring
- Extension to Grade _____ Inches
- Reinforced Cover
- Recessed Lift Handle _____ Per Cover
- Recessed Cover for _____ Thick Tile

Quote # _____

Job Name _____

Approved by _____

Company _____

Date _____

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Grease Interceptor – Tested & Certified to PDI-G101

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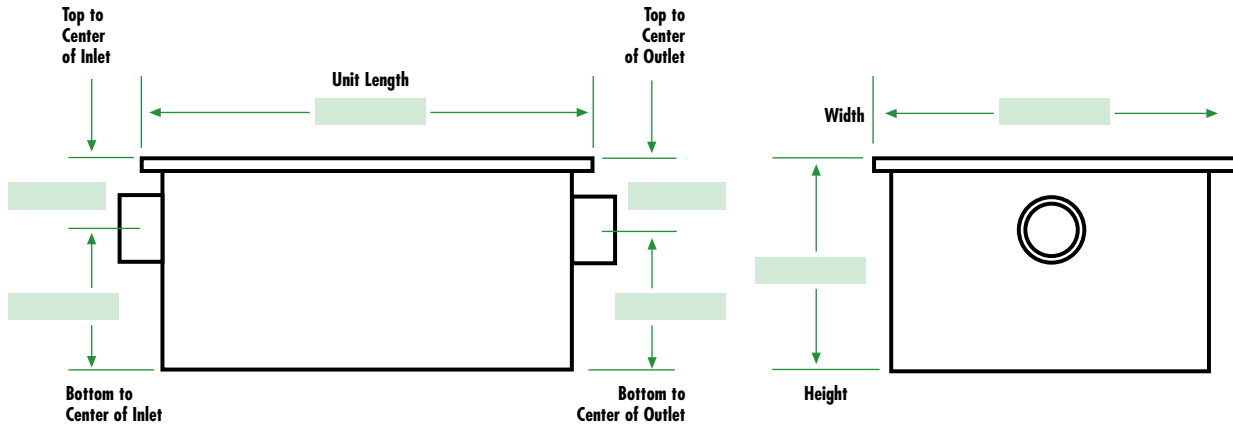
LINT SEPARATORS

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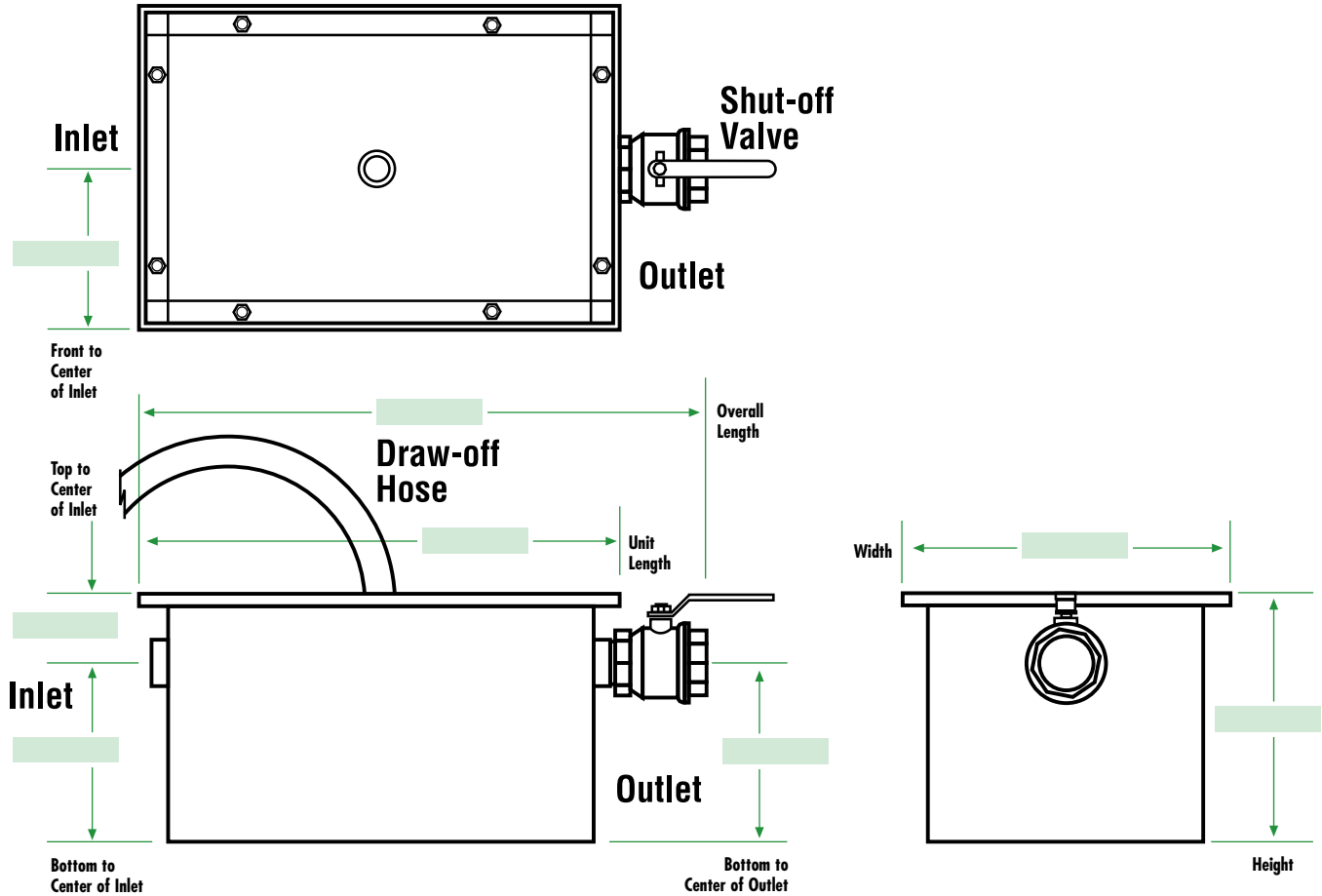
Date _____

Specifications: Rockford Model **RP- _____ -LO**, all-welded steel interceptor, _____ g.p.m. intermittent flow, _____ lb. grease capacity, _____" no-hub inlet/outlet and flow control device, removable 3/8" nonskid diamond treadplate cover for flush-with-floor or on-the-floor installation suitable for pedestrian traffic secured with stainless steel flat head screws, heavy-duty leakproof gasket, enamel coating inside and outside.

Optional Features (Additional Cost):

- Epoxy Coating
- Anchor Flange
- Stainless Steel Construction
- Anchor Flange and Clamp Ring
- Extension to Grade _____ Inches
- Reinforced Cover
- Recessed Lift Handle _____ Per Cover
- Recessed Cover for _____ Thick Tile

Semi-automatic Draw-off Grease Interceptor



Specifications: Furnish _____ Rockford Model RPD-_____ enamel-coated steel interceptors for on-the-floor installation with _____" inlet and outlet, with _____ g.p.m. rating and _____ lb. grease capacity. Removable thread plate cover with draw-off hood and flexible hose secured with stainless flathead screws with heavy-duty gasket, shut-off valve, flow control fitting and draw-off plug.

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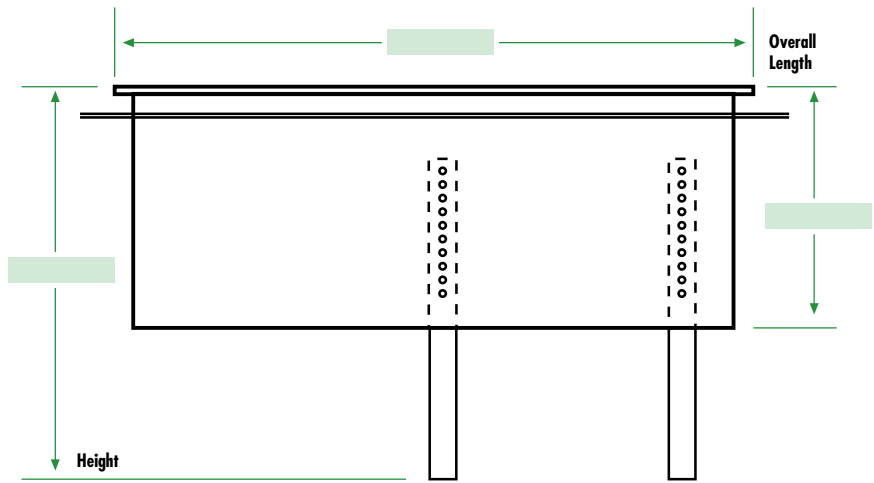
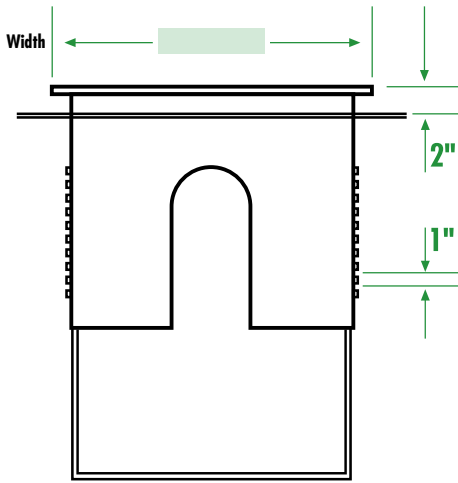
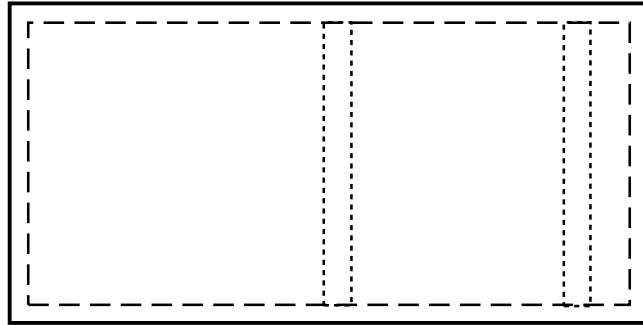
SAND/SEDIMENT

DRAINS

BASINS

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Cradle for RPD Series



Specifications: Rockford Model **RPDC-** [] series receiving cradle for RPD series grease interceptors for flush-with-floor installation. Unit is OPEX® Shop Coat coated inside, bituminous coated outside. Removable thread plate cover secured with stainless flathead screws, heavy-duty gasket.

Optional Features (Additional Cost):

- Epoxy Coating
- Anchor Flange
- Stainless Steel Construction
- Anchor Flange and Clamp Ring
- Extension to Grade ____ Inches
- Reinforced Cover
- Recessed Lift Handle ____ Per Cover
- Recessed Cover for ____ Thick Tile

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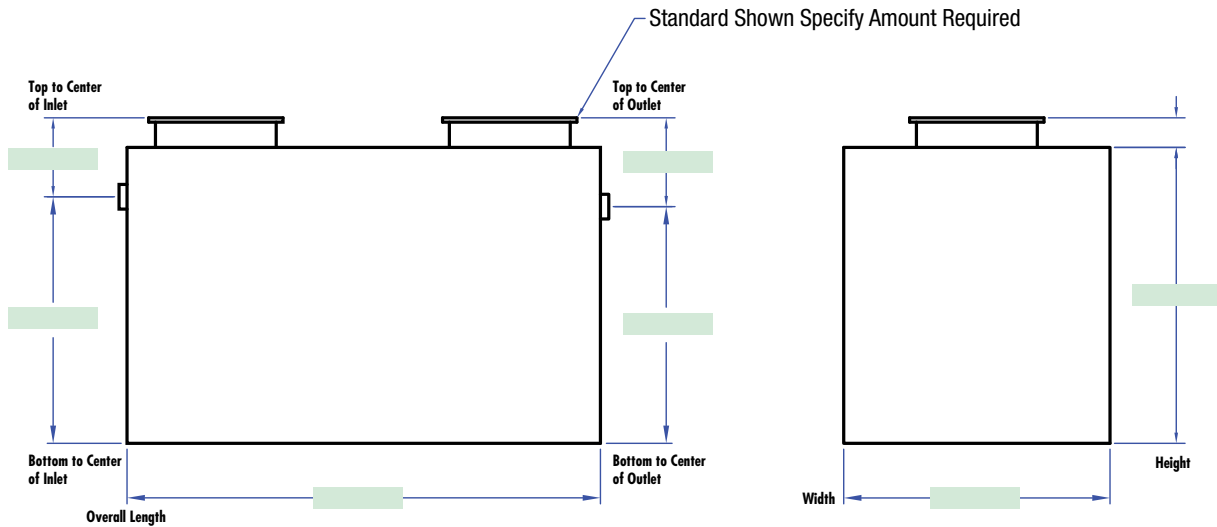
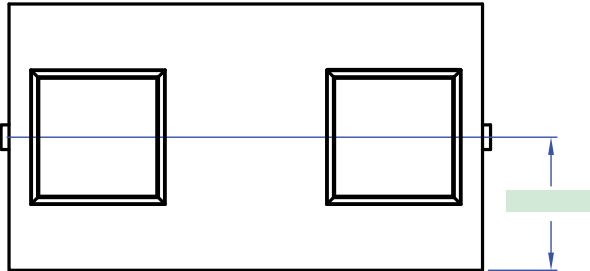
LINT SEPARATORS

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Specifications: Rockford Model RGI- _____, all-welded steel gravity grease interceptor with _____ gallon capacity, _____" threaded inlet/outlet connections, removable 3/8" nonskid diamond treadplate cover for flush-with-grade installation suitable for heavy truck traffic, secured with stainless steel flat head screws, heavy duty leakproof gasket, and bituminous coating outside.

Optional Features (Additional Cost):

- Epoxy Coating
- Stainless Steel Construction
- Manway Height Required _____
- Inlet & Outlet Size _____ Inches
- Aluminum Cover

Quote # _____

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Approved by _____

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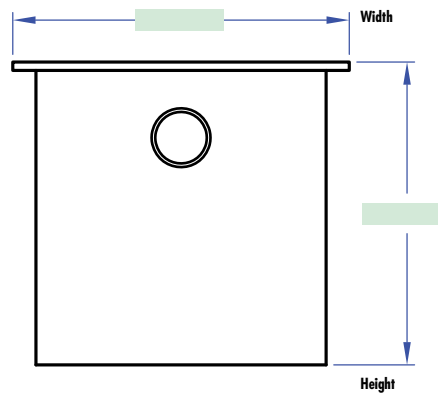
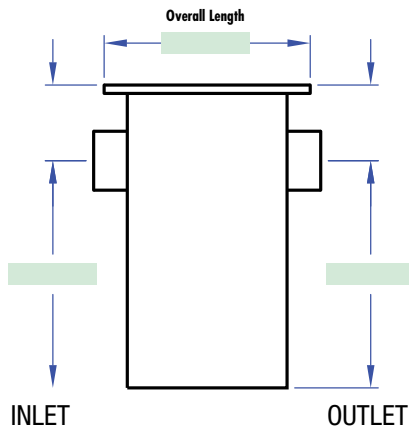
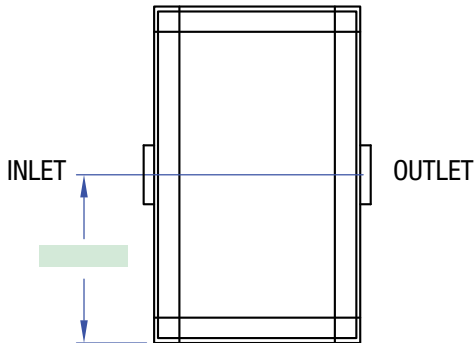
LINT SEPARATORS

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Specifications: Rockford Model RPS- _____, all-welded steel solids interceptor, for on-the-floor or flush-with-the-floor installation, _____ g.p.m. intermittent flow, _____" no-hub inlet and outlet connections, removable 3/16" nonskid diamond threaplate cover for an on-the-floor or flush-with-the-floor installation suitable for pedestrian traffic, secured with stainless steel flat head screws, heavy-duty leakproof gasket, enamel coating inside and outside.

Optional Features (Additional Cost):

- Anchor Flange
- Epoxy Coating
- Stainless Steel Construction
- Integral Extension _____ Inches
- Inlet & Outlet Size _____ Inches
- Aluminum Cover
- Threaded Connections

Quote # _____

Job Name _____

Approved by _____

Company _____

Date _____

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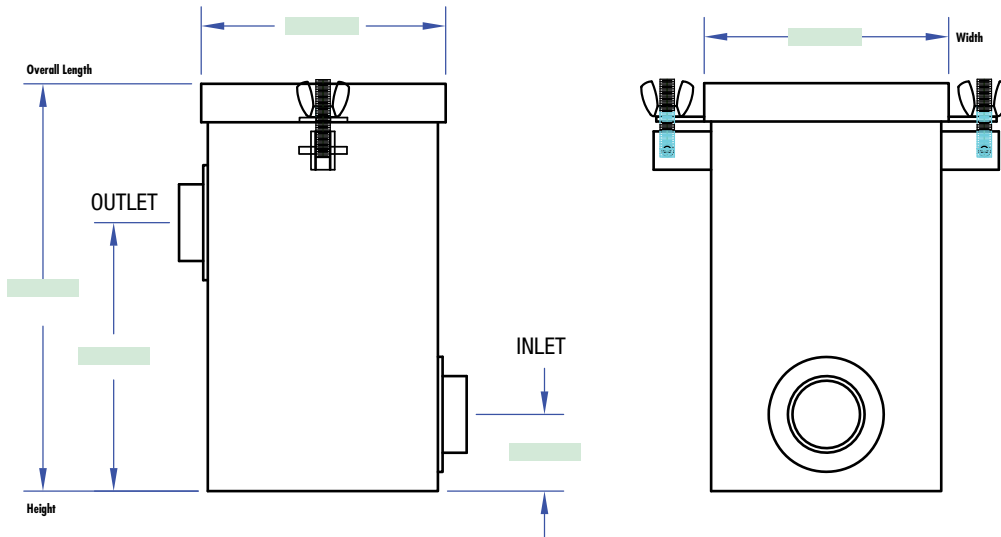
LINT SEPARATORS

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Specifications: Rockford Model RSI- [redacted], all welded fabricated steel solids interceptor, with removable stainless filter bucket, [redacted]" threaded connections, gasketed removable cover with enamel coating inside and outside.

Optional Features (Additional Cost):

- Epoxy Coating
- Stainless Steel Construction
- Alternate Inlet & Outlet Size _____ Inches

Quote # _____

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Approved by _____

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Automatic Grease Recovery Unit

Rockford Separators model **R-AGRU** (Auto Grease Recovery Unit) grease interceptors are designed to intercept and remove large quantities of fats, oils, and grease commonly known as “fog”. This fog discharged from food service facilities and large commercial/ institutional kitchens interferes with proper drainage and treatment of wastewater. Rockford’s **R-AGRU** grease interceptors range in size from the small 20 gpm unit for installation near the kitchen sink to the large high volume units that are located outside of the kitchen area (larger units are available upon request).

Design & Operation

With Rockford’s simple design there are no moving parts to create maintenance issues allowing for trouble-free operation. **R-AGRU** interceptors are designed to sit on the floor, in a vault, or on the floor below. Grease enters the inlet and is directed through the solids strainer basket removing the solids before the flow is directed into the separation and retention chamber of the interceptor. The grease is retained in the retention chamber until

the timer control initiates the draw-off cycle to begin, which is typically done in the off-hours. The heater is activated and, when the unit reaches temperature (approximately 130 degrees), the draw-off valve will open to allow the liquefied grease to flow into the provided grease collection box, from which it can be properly disposed.

Construction

R-AGRU grease interceptors are constructed of all 304 stainless steel and are tig welded for exceptional quality. Standard units are furnished with a two-segment, air-tight, gasketed cover, with hinged solids basket access cover, secured with stainless toggle clamps.

Engineering Service

When individual problems or large projects require special applications, the assistance of our engineering department is recommended.



Automatic Grease Recovery Unit

Model	Intermittent Flow GPM	Threaded Inlet and Outlet	Greasy Sludge Capacity	Top to Center of Inlet/Outlet B	Bottom to Center of Inlet/Outlet C	Width D	Length E	Height F
R-AGRU-20	20	2"	40lb.	4.5"	10"	18"	30"	14.5"
R-AGRU-25	25	3"	50lb.	4.0"	10.5"	18"	30"	14.5"
R-AGRU-35	35	4"	70lb.	4.5"	12.5"	18"	36"	17"
R-AGRU-50	50	4"	100lb.	4.5"	17"	18"	36"	17"
R-AGRU-75	75	4"	150lb.	4.5"	17"	24"	42"	21.5"
R-AGRU-100	100	4"	200lb.	4.5"	17"	24"	42"	21.5"

Larger Units Available.

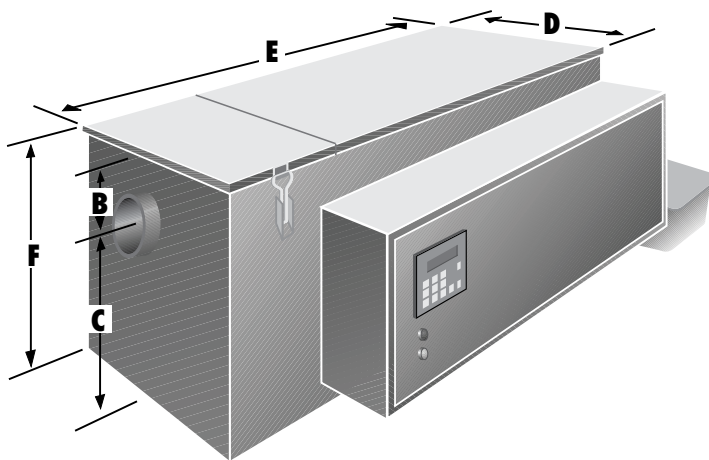
Job Specification: Automated Grease Recovery Units shall be Rockford Separators as manufactured by Rockford Sanitary Systems, Inc., Rockford, Illinois, and as noted on plans.

Separator Specifications: Furnish ___Rockford Model **R-AGRU-**___ constructed of 304 stainless steel, all TIG welded, hydrostatically tested and polished to a 2B finish and inspected to be free from defects. Unit is rated for ___ g.p.m. intermittent flow, and ___ lb. of grease retention capacity with 4.00" threaded inlet and outlet connections. All components are also constructed of 304 stainless steel including the internal parts, gasketed cover, internal strainer basket, and electronics control housing box. Grease removal shall be preformed by a 7 day multi-event capable timer controlling an electric draw-off valve and a thermostatically controlled heating element. The free floating grease shall be removed automatically as required per application to a collection box for proper disposal or recycling. Unit is regularly supplied with threaded flow control fitting. Please note that disconnect and wiring to the unit are supplied by others.

Electrical Requirements: 120 volt, 15 amp. The unit should be connected to an electrical circuit controlled by a ground fault circuit breaker. Consult your local code for proper installation.

Optional Feature: Integral grease containment drawer with level- and presence-sensing.

Specify at time of order *Left to Right* or *Right to Left* flow while facing control panel.



Larger Units Available.
Call for specifications.

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Automatic Grease Recovery Unit

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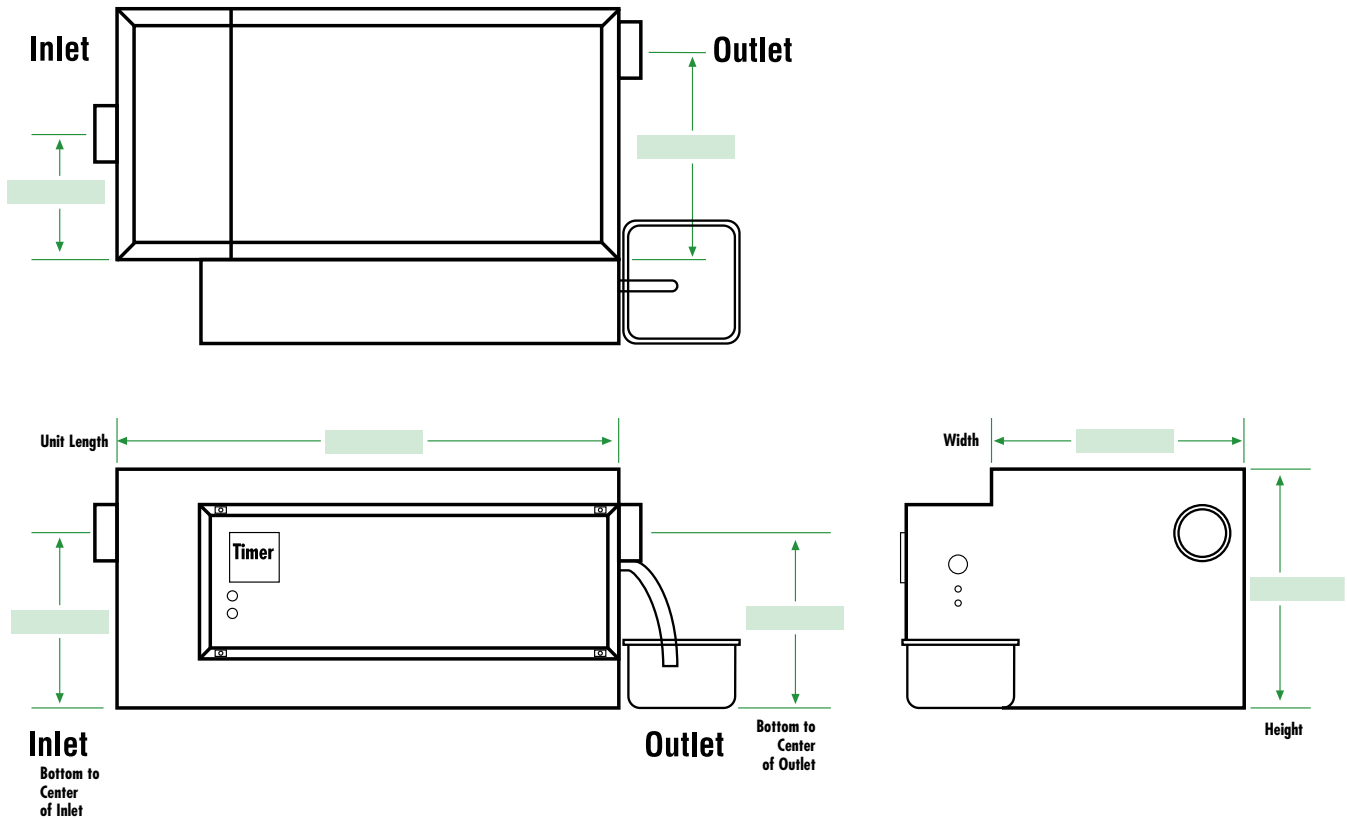
LINT SEPARATORS

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Specifications: Rockford Model **R-AGRU-** [] constructed of 304 stainless steel, all TIG welded, hydrostatically tested and polished to a 2B finish and inspected to be free from defects. Unit is rated for [] g.p.m. intermittent flow, and [] lb. of grease retention capacity with 4.00" threaded inlet and outlet connections. All components are also constructed of 304 stainless steel including the internal parts, gasketed cover, internal strainer basket, and electronics control housing box. Grease removal shall be performed by a 7 day multi-event capable timer controlling an electric draw-off valve and a thermostatically controlled heating element. The free floating grease shall be removed automatically as required per application to a collection box for proper disposal or recycling. Unit is regularly supplied with threaded flow control fitting. Please note that disconnect and wiring to the unit are supplied by others.

Electrical Requirements: 120 volt, 15 amp. The unit should be connected to an electrical circuit controlled by a ground fault circuit breaker. Consult your local code for proper installation.

Optional Feature: Integral grease containment drawer with level- and presence-sensing.

Specify at time of order *Left to Right* or *Right to Left* flow while facing control panel.

- Left to Right* Flow
- Right to Left* Flow

Quote # _____

Job Name _____

Approved by _____

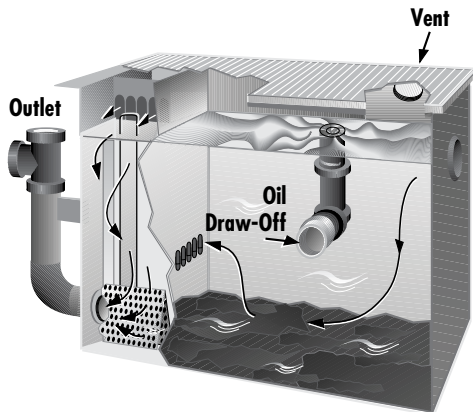
Company _____

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The following information has been prepared as a guide for architects, building department officials, engineers, health agencies, plumbing contractors, and others concerned with high standards of sanitation and construction.

Our simple design is a perfect application of the principle of nature's own law of gravity in separating lighter-than-water wastes from heavier-than-water matter. These light-density substances, as well as oily, greasy sludge or solids, are retained in the Rockford Separator.

Note the course of water travel in cut-open view. The arrows designate the course from the inlet through the first separating screen, upward and through the second separating screen, downward through the filter and flow regulator screen to the outlet, and upward to the drainage line. There is no straight in-and-out travel from the inlet to the outlet of the separator. For continuous or severe operation, consult our Engineering Department.



APPLICATION

Rockford Oil Separators are designed to receive, directly from plant equipment or floor drains, various kinds of oils, gasoline, kerosene, naphtha, benzene, other volatile liquid waste, and sludge. They retain this harmful waste matter and prevent its entry into the drainage system, providing triple advantages.

ADVANTAGES

The safe retention of this flammable material reduces:
 (1) the hazards of fire and explosions inside the building,
 (2) the pollution of our soil and waterways caused by the indiscriminate disposal of waste material, and (3) the loss of a salable or reusable by-product.

CONSTRUCTION

The separator is built of all-welded heavy-duty steel plate for maximum strength and durability. Both the interior and exterior are coated to resist acid corrosion. These units have removable covers for on-the-floor, partially recessed or flush-with-floor installation, suitable for pedestrian traffic or reinforced for heavy traffic. The cover is secured to the body with recessed stainless steel bolts and includes an extra-heavy leakproof gasket.

Separating screens and a flow-regulator filter screen regulate flow and filter waste water, making outside flow control or retarder unnecessary. An extra-large inlet compartment has adjustable oil draw-off. The outlet is separated from the main body of the unit, meeting all plumbing code requirements of an outside visible trap seal.

Independent internal vent connection on the inlet compartment dissipates excessive fumes and vapors from evaporating gases and volatile liquids. The outlet of the separator is vented to prevent siphoning of its contents into the drainage system.

INTEGRAL EXTENSION

Standard construction features a compact, one-piece separator with integral extension built to exact requirements. The built-in strength of solid walls eliminates leaks caused by vibration and traffic in bolted down extensions.

When an extension is needed to meet roughing-in on a flush-with-floor installation, select the separator of the right size and capacity. Then determine the required dimension **A** from the center of the outlet to the top of cover, and order accordingly. Dimension **A** is variable and can be specified to a fraction of an inch.

The inlet opening is lower than the outlet opening to assure a wet inlet at all times. All separators with extensions have flush-with-floor covers.

NOTE: If dimension of extension A is not correct at Point of Order, bolt-on extensions are available, priced on application.

In either case, the separator features a removable nonskid flush-with-floor cover of heavy steel plate with leakproof and airtight gaskets, secured to the body of the unit with recessed stainless steel bolts and flow-regulator filter screen, a standard tapped inlet and outlet, and protective seal outlet. Concrete reinforcing anchor rings are optional.



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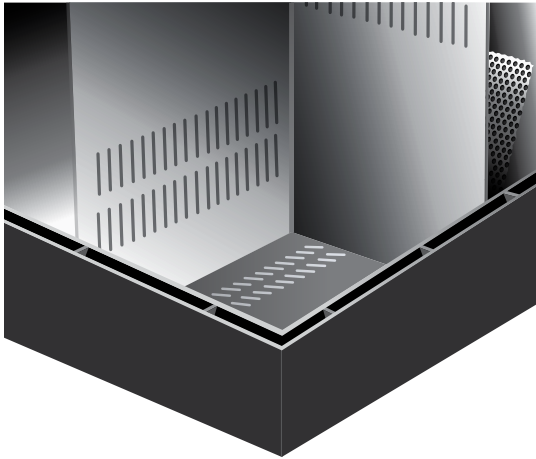
GREASE
SEPARATORSGREASE
INTERCEPTORSGREASE
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SERIESOIL
SEPARATORSFUEL
INTERCEPTORSLINT
SEPARATORSSAND/
SEDIMENT

DRAINS

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REPLACEMENT
PARTS**DOUBLE WALL CONSTRUCTION**

All units are available in double-wall construction with leak detection if specified.

**COR-TEN® INFORMATION**

Cor-Ten® high-strength, low carbon steel with its high strength and outstanding resistance to atmospheric corrosion is available where maintenance cost savings are prime considerations. Even in an unpainted condition, Cor-Ten® has a tightly adherent oxide surface which stops further oxidation. Painted or coated, this characteristic is further enhanced. The reliability and strength of this material has been proven in many applications, such as railroad cars, bridges and two of the tallest buildings in the world: the John Hancock Building and the Sears Tower in Chicago.

METHOD OF OPERATION

The basic requirement for efficient retention of non-soluble oil or other volatile liquid wastes is the absence of turbulence in the waste water movement. This is accomplished in the Rockford Separator by its design for maximum water travel without agitation and by the filtering action of its screens. The combination of two separating screens and a flow-regulator filter screen reduces the turbulence to allow proper separation, and prevents the evacuation of solids into the drainage system. The absence of a solids-evacuating channel is additional proof of the non-turbulent flow through the separator.

SAFETY FEATURES

Visible double-wall outside trap seal with vent connection prevents siphoning. Separate internal vent connection keeps pressure from building up inside the unit and from forcing contents into the drainage system. The independent vent also releases any fumes which may build up inside the unit. The wet inlet design prevents the entry of sewer air into the premises.

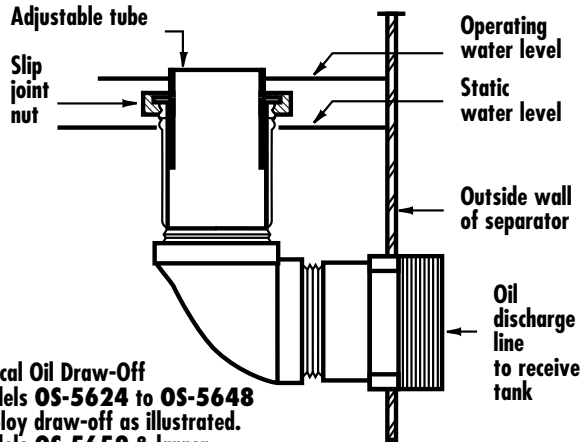
ENGINEERING SERVICE

Where individual problems or large projects require special applications, the assistance of our Engineering Department is recommended.

For vehicle servicing and storage, mechanical and manual car washing.

OIL DRAW-OFF

The oil draw-off funnel is adjustable to the gravity height of oil and gallon-per-minute flow. It leads into the oil discharge pipe, from which a suitable disposal of oil can be made in the most economical way.



Typical Oil Draw-Off
Models OS-5624 to OS-5648
 employ draw-off as illustrated.
Models OS-5652 & larger
 employ a larger funnel type arrangement.

After the separator is installed, establish the operating water level by running water through the separator at the maximum flow rate expected. Adjust the vertical draw-off pipe 1/8" to 1/4" above the water line. Periodic checking of this level after the separator is in operation will ensure the proper functioning of the oil draw-off. If draw-off oil contains any water, raise the vertical draw-off pipe until only oil flows from the separator.

INTERMITTENT FLOW OIL SEPARATORS

The maximum amount of waste water containing non-soluble oil that can be discharged through any listed separator is two (2) times the stated flow rate in g.p.m. For example, a separator rated at 50 g.p.m. may only have 100 gallons discharged through it in a one-hour time period. This is usually accomplished by a batch dumping process. However, 100 gallons may be discharged continuously if the flow rate is monitored at the rate of 1.66 g.p.m.

COALESCING PACK (Optional Feature)

Removable polypropylene coalescing pack within a stainless steel framework is used to separate droplets of oil too minute to be removed by separation alone.

FILTER MEDIUM (Optional Feature)

Some oil-laden wastes carry with them small particles of suspended matter. For such installations, we recommend the OS

Series separator be ordered with a filter medium. This will keep the tiny particles of suspended matter with attached oil globules from passing into the drainage line. Replacement filter screen with factory-installed filter medium is available as a replacement part.

SIZING FOR TYPICAL CODE REGULATIONS

VEHICLE SERVICING

When an oil separator is installed in an automobile, truck, bus, or tractor garage, in a service station or in a repair shop with facilities for motor or transmission overhauling, it must have a minimum static water depth of 24 inches below the invert of the separator outlet and a minimum static water capacity of 6 cubic feet.

This regulation applies to facilities where not more than three vehicles are serviced. For each additional vehicle up to and including ten, 1 cubic foot of static capacity shall be added. For each vehicle over ten, an additional 0.25 cubic foot shall be added.

VEHICLE STORAGE

Where motor vehicles are serviced and stored, an oil separator shall be installed with a static water capacity of 1 cubic foot for every 100 square feet of area to be drained. The oil separator shall have a minimum static water level of 6 cubic feet. Check local codes for specific requirements.

MECHANICAL CAR WASHING

In facilities designed especially for mechanical washing of motor vehicles, a sand and gravel separator shall be installed to receive the waste water from all washing facilities. A minimum static water level of 2.5 feet and a minimum static water capacity of 50 cubic feet shall be maintained.

Where motor cleaning services are rendered at mechanical car washing facilities, an oil separator shall be installed in that section of the drainage system which receives waste water from this operation.

No outlet from a sand and gravel separator shall be discharged to an oil separator.

MANUAL CAR WASHING

In a one-car washing facility, a combination separator-drain shall be installed with a minimum static water capacity of 30 gallons.

OVERVIEW

GREASE SEPARATORS

GREASE INTERCEPTORS

GREASE AUTOMATIC SERIES

OIL SEPARATORS

FUEL INTERCEPTORS

LINT SEPARATORS

SAND/ SEDIMENT

DRAINS

BASINS

REPLACEMENT PARTS

OVERVIEW

Oil Separators Survey Sheet

GREASE SEPARATORS

Number of vehicle service bays _____
 Square feet of floor to be washed down _____
 Number of hoses for washing down floor _____

GREASE INTERCEPTORS

Hose bib size _____
 Time to fill a five gallon bucket with one hose _____
 Length of time for floor washdown _____
 Vehicle wash area: Interior _____
 Exterior _____

GREASE AUTOMATIC SERIES

Hand wash possible number of vehicles per hour _____
 Automatic wash possible number of vehicles per hour _____
 Total water per cycle _____
 Time per cycle _____

OIL SEPARATORS

Exterior: Possible water from surrounding area _____
 Possible water from nearby roofs _____
 Raised area rim to exclude additional water _____

FUEL INTERCEPTORS

Separate tank to receive separated oils and volatiles for OS Series _____
OR
 Integral storage of separated oils & volatiles standard with OST Series _____
 Types of vehicles serviced _____
 Automobiles _____
 Light trucks _____
 Heavy trucks and machinery _____

LINT SEPARATORS

Will vehicles run over or park on separator top? _____
 Integral anchor flange _____
 Concrete pad for ballast for high water table _____
 Winter-additional water from snow and ice loads _____

SAND/ SEDIMENT

Some dimensions within engineering parameters can be adjusted to suit _____
 job site conditions _____

DRAINS

Optional features available (extra cost): _____
 Double-wall construction A.R. Epoxy
 Leak detection High level sensor
 Anodes Coalescing pack
 Integral extension ___ inches Pump-out connection

BASINS

Are any emulsifiers involved? _____
 Water soluble oils? _____

REPLACEMENT PARTS

Any pumps before the separator? _____
 Any other comments _____

Continuous Flow Design Criteria Formulae

Upon inspection of your plant and testing of the waste oil sample received, we submit a report similar to the following for your consideration.

The following information was given to us:

- **Water Consumption:** 3,000,000 gallons per month
- **Work Day:** 24 hours
- **Work Week:** 6-day week
- **Oil Consumed:** 600 gallons per month

From the above information we obtained these figures as averages:

- **Average Work Month:** 25.5 days
- **Flow Rate Per 24 Hour Period:** 117,645 gallons
- **Flow Rate Per Hour:** 4,901 gallons
- **Flow Rate Per Minute:** 81.6 gallons, or 10.88cfm

Based upon the information received from the local sanitary district office, **200 ppm** of oil is being discharged into the sewer. This totals out to **589 gallons** per month. This concurs with the figure of **600 gallons** per month that is purchased and consumed in your operations (**589 gallons** vs. **600 gallons**).

DESIGN CRITERIA

Research and experimental work have led to the adoption of fundamental principles which provide mathematical bases for the determination of separator size and shape. These principles have been applied, and the results are separators demonstrating highly effective performance.

It must be noted that the design and shape of the separator depend upon the character and quantity of the oily water to be separated. Even a properly sized separator is limited to the separation of oils and solids which are susceptible to gravity separation. It must also be noted that modifications, and possible refinements to this design can result in separators with improvements and merits.

The following design criteria is based upon a mathematical formula resulting from research done, and upon which Rockford Separators base their design.

The design of a rectangular oil separator is based on three relationships:

1. **A minimum horizontal area**
2. **A minimum vertical cross-sectional area**
3. **A minimum ratio of depth to width of 0.3 (0.5 maximum).**

The design of this separator was calculated using varying temperatures of waste water from 70°F to 100°F.

We are presenting design information based upon a temperature of 100°F, which in our estimation, is more likely to be the average temperature.

DESIGN CRITERIA FORMULAE

1. A minimum horizontal area – expressed as A_h

$$A_h = F \frac{Q_m}{V_t} = 1.64 \frac{10.88}{.145} = 123$$

Q_m = flow rate in cfm of waste water

F = a factor to allow for the effects of turbulence and short-circuiting,

the value of $\frac{V_h}{V_t}$ applied to a corresponding chart of known values.

$$F = \frac{V_h}{V_t} = \frac{2.175}{.145} = 15$$

15 applied to chart equals **1.37** (turbulence factor)

$$F = (F_t) (F_1) = (1.37) (1.2) = 1.64$$

$$F = 1.64$$

$$V_t = .0241 \frac{S_w - S_o}{M} = .0241 \frac{(.933 - .9520)}{.68} = .145$$

$$V_t = .145$$

.0241 = known value

S_w = specific gravity of waste water at design temperature

S_o = specific gravity of waste oil at design temperature

M = absolute viscosity of waste water at design temperature

The product of the short-circuiting factor and the turbulence factor, yield the design factor **F** by which the surface area of the ideal separator is multiplied to obtain the surface area required of an actual separator.

OVERVIEW

Continuous Flow Design Criteria Formulae

GREASE SEPARATORS

It is to be noted, in the recommended design method which follows, that the value of the horizontal area, A_h , is not determined directly, but that acceptable values of depth and width are established first in accordance with the relationship of

$$A_e \text{ and } \frac{d}{B}$$

The length is then computed with the formula:

$$L = F \frac{(V_h)}{V_t} d = 1.64 \frac{(2.175)}{.145} 3 = 73.8 \text{ feet}$$

$$L = 73.8 \text{ feet}$$

GREASE INTERCEPTORS

GREASE AUTOMATIC SERIES

OIL SEPARATORS

2. A minimum cross-sectional vertical area – expressed as A_e

$$A_e = \frac{Q_m}{V_h}$$

V_h = a horizontal velocity of flow no greater than **15x** the rising velocity, and not to exceed **3 fpm**.

$$V_h = 15 (V_t) \\ 15 (.145) = 2.175 \text{ fpm} \\ 2.175 \text{ is less than } 3$$

$$A_e = \frac{10.88}{2.175} = 5$$

Note: There are established values that must be employed. They have not been determined directly, but are established by various relationships.

Example: The rising velocity of oil globules in water is based on an oil globule of .015 cm in size.

FUEL INTERCEPTORS

LINT SEPARATORS

SAND/ SEDIMENT

DRAINS

BASINS

REPLACEMENT PARTS

3. A minimum ratio of depth to width of 0.3 (max 0.5)

$$\frac{d}{B} = 0.3 \text{ to } 0.5$$

d = depth in feet of waste water in separator
 B = width in feet of separator chamber

Tests conducted indicate that the depth-to-width ratio is not subject to theoretical analysis. Tests conducted prove that oil retention is not influenced until the depth-to-width ratio becomes **0.2**. There is no objection, if economics dictate, to the use of depth-to-width ratios of approximately **0.5**. The depth, however, must be limited to a minimum of **3 feet** and a maximum of **8 feet**; the width from a minimum of **6 feet** to **20 feet** maximum. Experimental studies have shown that hydraulic characteristics are improved by increasing the length and decreasing the width. A longer channel has the effect of minimizing the disturbing influence of the inlet and outlet zones.

We have a separator, using minimum ratios, with dimensions as follows:

3 feet deep (static depth) x **6 feet** wide
x **73.8 feet** long. Static liquid holding capacity
of **1,328 cubic feet**, or **9,960 gallons**.

This separator will give a two hour retention period for the separation of oil, water and solids.

However, this length is not feasible at your building site. Also, more than likely, construction of a separator this size would be too costly.

Bearing in mind the importance of the depth-to-width ratio maximum of **0.5**, we have altered the dimensions as follows: **30 feet** long, **9 feet** wide, with a water level of **4-1/2 feet**. This represents the maximum allowable ratio of **0.5**; also a static capacity of **9,112 gallons**, which is a **1 hour, 51 minute** period.

This oil-water separator has been designed according to the **3,000,000 gallon** figure presented to us. If there is the possibility of a change in this figure, either up or down, it would have a bearing on the overall design of this separator.

INFORMATION BASED ON A.P.I. DESIGN CRITERIA

For Uses Requiring the Retention and Safe Disposal of Oil and Other Volatile Liquids

Model	Tapped Inlet and Outlet	Static Holding Gallons	Capacity Cubic Feet	Top to Center of Outlet A	Bottom to Center of Outlet		Width D	Length E	Height F	Overall Length G	Bottom to Oil Draw-Off H	Tapped Oil Draw-Off	Bottom to Internal Vent	Tapped Internal Vent	Weight	Covers
OS-5624*	2"	45gal.	6cu.ft.	4.5"	22.5"	25.5"	18"	24"	30"	34.5"	18.5"	2"	26"	3"	306lb.	1
OS-5628*	3"	64gal.	8.5cu.ft.	5"	22.5"	26"	20"	30"	31"	42"	18.5"	2"	27"	3"	399lb.	1
OS-5630*	3"	75gal.	10cu.ft.	6"	22.5"	26"	25"	36"	32"	48.25"	18.5"	2"	28"	3"	571lb.	1
OS-5633*	4"	100gal.	14cu.ft.	9.5"	22.25"	26.5"	30"	40"	36"	53.75"	18.5"	2"	30"	4"	742lb.	1
OS-5636*	4"	150gal.	20cu.ft.	8.5"	23.25"	27.5"	36"	45"	36"	58.75"	19.5"	2"	30"	4"	850lb.	2
OS-5642*	4"	172gal.	23cu.ft.	9.5"	22.25"	26.5"	36"	49.5"	36"	63"	18.5"	2"	30"	4"	944lb.	2
OS-5644	4"	210gal.	28cu.ft.	14"	25.75"	30"	36"	57"	44"	70.75"	22"	2"	35"	4"	1,235lb.	2
OS-5648	4"	285gal.	38cu.ft.	17.5"	26"	30.5"	40"	64.25"	48"	77.75"	22.25"	2"	38"	4"	1,524lb.	3
OS-5652	4"	397gal.	53cu.ft.	15.5"	31"	35.5"	45"	64.25"	51"	77.75"	24.5"	3"	42"	4"	1,654lb.	3
OS-5654	• 6"	487gal.	65cu.ft.	15.5"	30"	36.5"	45"	70.25"	52"	89.5"	24.5"	3"	43"	4"	1,887lb.	3
OS-5658	• 6"	525gal.	70cu.ft.	16.5"	37"	43.5"	45"	76.25"	60"	95.5"	31.5"	3"	48"	4"	1,913lb.	3
OS-5662	• 6"	598gal.	78.5cu.ft.	17"	36.75"	43"	45"	83"	60"	102"	31"	3"	49"	4"	2,261lb.	3
OS-5664	• 6"	630gal.	84cu.ft.	17"	36.75"	43"	45"	94.25"	60"	113"	31"	3"	49"	4"	2,350lb.	3
OS-5670	• 6"	735gal.	98cu.ft.	20"	39.75"	46"	45"	94.25"	66"	113"	34"	3"	52"	4"	2,500lb.	3

Larger Units Available.

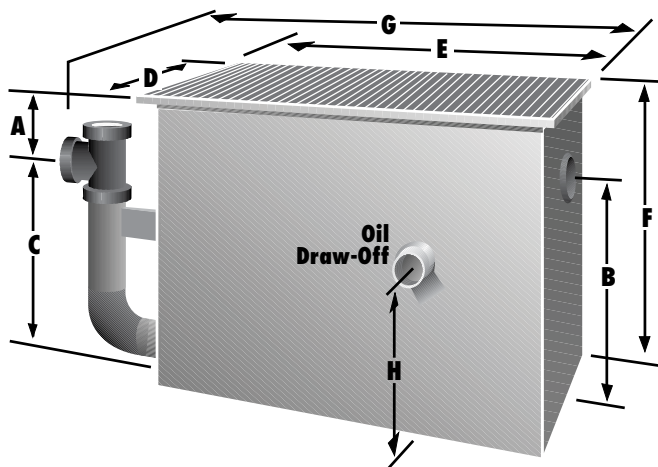
Job Specification: Job Specification: Oil separators shall be Rockford Industrial Separators as manufactured by Rockford Sanitary Systems, Inc., Rockford, Illinois, and as noted on plans.

Separator Specifications: Furnish ___ Rockford Model OS-___ all-welded ___ 1/4" steel separators, ___ g.p.m. intermittent flow, ___" (tapped) (hubbed) inlet and outlet, ___" tapped internal vent connection, ___" tapped oil draw-off connection for adjustable oil draw-off, visible double-wall outside trap seal, non-removable separator screen with easily removable filter screen, removable 3/8" nonskid diamond treadplate cover(s) for flush-with-floor installation for pedestrian traffic, or reinforced for ___(light)(heavy) traffic, cover(s) secured with stainless steel flat head screws, extra-heavy leakproof gasket. OPEX® Shop Coat coating (resistant to oil, grease and cutting oils) inside and bituminous coating outside.

Optional Features: Anchor flange, filter media, sediment basket, integral extension, epoxy coating, anodes, coalescing pack. **Double-wall construction.**

TOTAL/UNCONFINED/UNRESTRICTED/OSHA

Recommended Top Access to be able to observe and clean the entire fluid surface in all chambers down to the bottom of the unit.



- * Anchor flange requires 3" extension.
- 6" & larger – companion flange connection

Larger Units Available.
Call for specifications.

Lighter Gauge Oil Separator

Model	Inlet/Outlet Size	SHC Gallons	Top to Center of Outlet A	Bottom to Center of Inlet B	Bottom to Center of Outlet C	Width D	Length E	Height F	Overall Length G	Overall Bottom to Vent	Vent Size	Number of Covers
OSL-5610*	2"	15gal.	4.5"	10"	13"	17"	23"	17.5"	31.88"	14"	2"	1
OSL-5615*	2"	29gal.	4.5"	13.5"	16.5"	21"	27.25"	21"	36.13"	17"	3"	1
OSL-5620*	2"	40gal.	4"	20"	23"	21"	27.25"	27"	36.13"	24"	3"	1
OSL-5624*	2"	45gal.	4.5"	22.5"	25.5"	18"	24"	30"	34.5"	26"	3"	1
OSL-5628*	3"	64gal.	5"	22.5"	26"	20"	30"	31"	42"	27"	3"	1
OSL-5630*	3"	75gal.	6"	22.5"	26"	25"	36"	32"	48.25"	28"	3"	1
OSL-5633*	4"	100gal.	9.5"	22.25"	26.5"	30"	40"	36"	53.75"	30"	4"	1
OSL-5636*	4"	150gal.	8.5"	23.25"	27.5"	36"	45"	36"	58.75"	30"	4"	2
OSL-5642*	4"	172gal.	9.5"	22.25"	26.5"	36"	49.5"	36"	63"	30"	4"	2
OSL-5644	4"	210gal.	14"	25.75"	30"	36"	57"	44"	70.75"	35"	4"	2
OSL-5648	4"	285gal.	17.5"	26"	30.5"	40"	64.25"	48"	77.75"	38"	4"	3
OSL-5652	4"	397gal.	15.5"	31"	35.5"	45"	64.25"	51"	77.5"	42"	4"	3
OSL-5654	•6"	487gal.	15.5"	30"	36.5"	45"	70.25"	52"	89.38"	43"	4"	3
OSL-5658	•6"	525gal.	16.5"	37"	43.5"	45"	76.25"	60"	95.38"	48"	4"	3
OSL-5662	•6"	598gal.	17"	36.75"	43"	45"	83"	60"	102"	49"	4"	3
OSL-5664	•6"	630gal.	17"	36.75"	43"	45"	94.25"	60"	113"	49"	4"	3
OSL-5670	•6"	735gal.	20"	39.75"	46"	45"	94.25"	66"	113"	52"	4"	3

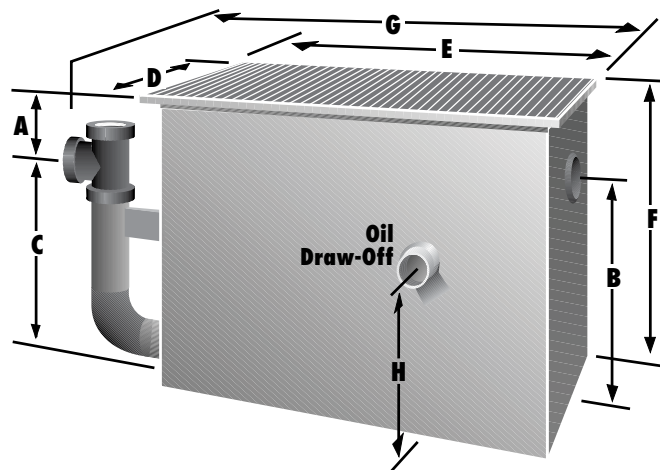
Job Specification: Job Specification: Oil separators shall be Rockford Industrial Separators as manufactured by Rockford Sanitary Systems, Inc., Rockford, Illinois, and as noted on plans.

Separator Specifications: Furnish ___ Rockford Model **OSL-**___ all-welded ___ 10 gauge steel separators, ___ g.p.m. intermittent flow, ___" (tapped) (hubbed) inlet and outlet, ___" tapped internal vent connection, ___" tapped oil draw-off connection for adjustable oil draw-off, visible double-wall outside trap seal, non-removable separator screen with easily removable filter screen, removable 3/16" nonskid diamond treadplate cover(s) for flush-with-floor installation for pedestrian traffic, or reinforced for ___(light)(heavy) traffic, cover(s) secured with stainless steel flat head screws, extra-heavy leakproof gasket. OPEX® Shop Coat coating (resistant to oil, grease and cutting oils) inside and bituminous coating outside.

Optional Features: Anchor flange, filter media, sediment basket, integral extension, epoxy coating, anodes, coalescing pack. **Double-wall construction.**

TOTAL/UNCONFINED/UNRESTRICTED/OSHA

Recommended Top Access to be able to observe and clean the entire fluid surface in all chambers down to the bottom of the unit.



- * Anchor flange requires 3" extension.
 - 6" & larger – companion flange connection
- Larger Units Available.
Call for specifications.

Oil Separators With Integral Storage Compartment

Model	Tapped Inlet and Outlet	Static Holding Gallons	Capacity Cubic Feet	Internal Oil Storage†	Top to Center of Outlet A	Bottom to Center of Inlet B / Outlet C		Width D	Length E	Height F	Overall Length G*	Bottom to Internal Vent	Tapped Internal Vent	Weight	Covers
OST-5624*	2"	45gal.	6cu.ft.	50gal.	4.5"	22.5"	25.5"	46"	24"	30"	34.5"	26"	3"	631lb.	1
OST-5628*	3"	64gal.	8.5cu.ft.	50gal.	5"	22.5"	26"	43"	30"	31"	42"	7"	3"	717lb.	2
OST-5630*	3"	75gal.	10cu.ft.	100gal.	6"	22.5"	26"	65.5"	36"	32"	48.25"	28"	3"	1,074lb.	2
OST-5633*	4"	100gal.	14cu.ft.	100gal.	9.5"	22.25"	26.5"	65"	40"	36"	53.75"	30"	4"	1,292lb.	2
OST-5636*	4"	150gal.	20cu.ft.	100gal.	8.5"	23.25"	27.5"	68.75"	45"	36"	58.75"	30"	4"	1,400lb.	4
OST-5642*	4"	172gal.	23cu.ft.	200gal.	9.5"	22.25"	26.5"	90.5"	49.5"	36"	63"	30"	4"	1,949lb.	4
OST-5644	4"	210gal.	28cu.ft.	200gal.	14"	25.75"	30"	67.75"	57"	44"	70.75"	35"	4"	2,010lb.	4
OST-5648	4"	285gal.	38cu.ft.	300gal.	17.5"	26"	30.5"	91.25"	64.25"	48"	77.75"	38"	4"	2,703lb.	6
OST-5652	4"	397gal.	53cu.ft.	300gal.	15.5"	31"	35.5"	92"	64.25"	51"	77.75"	42"	4"	2,910lb.	6
OST-5654	• 6"	487gal.	65cu.ft.	300gal.	15.5"	30"	36.5"	88.25"	70.25"	52"	89.5"	43"	4"	3,100lb.	6
OST-5658	• 6"	525gal.	70cu.ft.	500gal.	16.5"	37"	43.5"	95.75"	76.25"	60"	95.5"	48"	4"	3,454lb.	6
OST-5662	• 6"	598gal.	78.5cu.ft.	500gal.	17"	36.75"	43"	91.75"	83"	60"	102"	49"	4"	3,500lb.	6
OST-5664	• 6"	630gal.	84cu.ft.	500gal.	17"	36.75"	43"	80.88"	94.25"	60"	113"	49"	4"	3,900lb.	6
OST-5670	• 6"	735gal.	98cu.ft.	500gal.	20"	39.75"	46"	80.88"	94.25"	66"	113"	52"	4"	4,100lb.	6

Larger Units Available.

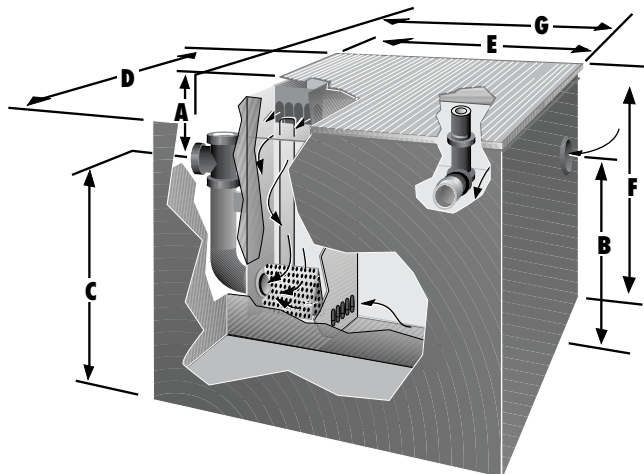
Job Specification: Oil separators shall be Rockford Separators as manufactured by Rockford Sanitary Systems, Inc., Rockford, Illinois, and as noted on plans.

Separator Specifications: Furnish ___ Rockford Model OST-___ - ___ gallon integral storage compartment, all-welded ___ 1/4" steel separators, ___ g.p.m. intermittent flow ___" (tapped) (hubbed) inlet and outlet, ___" tapped internal vent connection ___" adjustable oil draw-off, visible double-wall outside trap seal, non-removable separator screen with easily removable filter screen, removable 3/8" nonskid diamond treadplate cover(s) for flush-with-floor installation for pedestrian traffic, or reinforced for ___ (light) (heavy) traffic, cover(s) secured with stainless steel flat head screws, extra-heavy leakproof gasket. OPEX® Shop Coat coating (resistant to oil, grease and cutting oils) inside and bituminous coating outside.

Optional Features: Anchor flange, filter media, sediment basket, integral extension, acid-resistant epoxy coating, anodes, coalescing pack, high level sensor and alarm, double-wall construction, with or without leak detection.

TOTAL/UNCONFINED/UNRESTRICTED/OSHA

Recommended Top Access to be able to observe and clean the entire fluid surface in all chambers down to the bottom of the unit.



* Anchor flange requires 3" extension.
 • 6" & larger – companion flange connection.
 + Length is the distance from inlet to outlet ends.
 † Any smaller size storage compartment may be ordered P.O.A. Example:
 OST-5636 (Model No.) – 50 (Oil Storage)
 Standard storage supplied unless specified otherwise.

Larger Units Available. Call for specifications.

Lighter Gauge Oil Separator

Model	Inlet/Outlet Size	SHC Gallons	Oil Storage†	Top to Center of Outlet A	Bottom to Center of Inlet B	Bottom to Center of Outlet C	Width D	Length E	Height F	Overall Length G*	Overall Bottom to Vent	Vent Size	Number of Covers
OSTL-5610-5*	2"	15gal.	5gal.	4.5"	10"	13"	26"	23"	17.5"	32"	14"	2"	1
OSTL-5615-10*	2"	30gal.	10gal.	4.5"	13.5"	16.5"	31"	27.25"	21"	36.25"	17"	2"	1
OSTL-5620-10*	2"	40gal.	10gal.	4"	20"	23"	28"	27.25"	27"	36.25"	24"	2"	1
OSTL-5624-50*	2"	45gal.	50gal.	4.5"	22.5"	25.5"	46"	24"	30"	33"	26"	3"	1
OSTL-5628-50*	3"	64gal.	50gal.	5"	22.5"	26"	43"	30"	31"	42"	27"	3"	2
OSTL-5630-100*	3"	75gal.	100gal.	6"	22.5"	26"	65.5"	36"	32"	48"	28"	3"	2
OSTL-5633-100*	4"	100gal.	100gal.	9.5"	22.25"	26.5"	65"	40"	36"	54"	30"	4"	2
OSTL-5636-100*	4"	150gal.	100gal.	8.5"	23.25"	27.5"	68.75"	45"	36"	59"	30"	4"	4
OSTL-5642-200*	4"	172gal.	200gal.	9.5"	22.25"	26.5"	90.5"	49.5"	36"	63"	30"	4"	4
OSTL-5644-200	4"	210gal.	200gal.	14"	25.75"	30"	67.75"	57"	44"	71"	35"	4"	4
OSTL-5648-300	4"	285gal.	300gal.	17.5"	26"	30.5"	91.25"	64.25"	48"	77.75"	38"	4"	6
OSTL-5652-300	4"	397gal.	300gal.	15.5"	31"	35.5"	92"	64.25"	51"	77.5"	42"	4"	6
OSTL-5654-300	•6"	487gal.	300gal.	15.5"	30"	36.5"	88.25"	70.25"	52"	92"	43"	4"	6
OSTL-5658-500	•6"	525gal.	500gal.	16.5"	37"	43.5"	95.75"	76.25"	60"	98"	48"	4"	6
OSTL-5662-500	•6"	598gal.	500gal.	17"	36.75"	43"	91.75"	83"	60"	104.75"	49"	4"	6
OSTL-5664-500	•6"	630gal.	500gal.	17"	36.75"	43"	80.88"	94.25"	60"	116"	49"	4"	6
OSTL-5670-500	•6"	735gal.	500gal.	20"	39.75"	46"	80.88"	94.25"	66"	116"	52"	4"	6

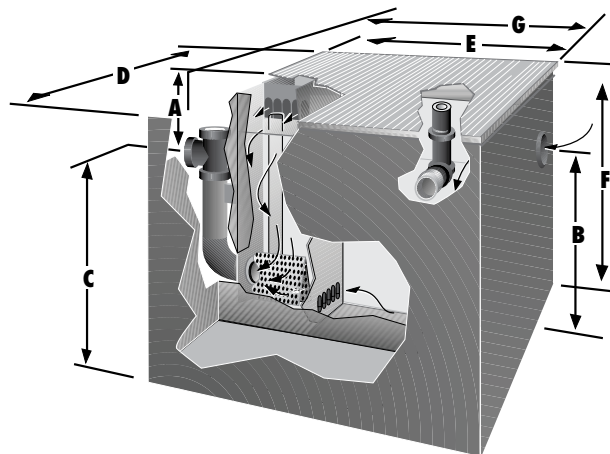
Job Specification: Oil separators shall be Rockford Separators as manufactured by Rockford Sanitary Systems, Inc., Rockford, Illinois, and as noted on plans.

Separator Specifications: Furnish ___ Rockford Model OSTL-___ - ___ gallon integral storage compartment, all-welded ___ 10 gauge steel separators, ___ g.p.m. intermittent flow ___" (tapped) (hubbed) inlet and outlet, ___" tapped internal vent connection ___" adjustable oil draw-off, visible double-wall outside trap seal, non-removable separator screen with easily removable filter screen, removable 3/16" nonskid diamond treadplate cover(s) for flush-with-floor installation for pedestrian traffic, or reinforced for ___ (light) (heavy) traffic, cover(s) secured with stainless steel flat head screws, extra-heavy leakproof gasket. OPEX® Shop Coat coating (resistant to oil, grease and cutting oils) inside and bituminous coating outside.

Optional Features: Anchor flange, filter media, sediment basket, integral extension, acid-resistant epoxy coating, anodes, coalescing pack, high level sensor and alarm, double-wall construction, with or without leak detection.

TOTAL/UNCONFINED/UNRESTRICTED/OSHA

Recommended Top Access to be able to observe and clean the entire fluid surface in all chambers down to the bottom of the unit.



- * Anchor flange requires 3" extension.
- 6" & larger – companion flange connection.
- + Length is the distance from inlet to outlet ends.
- † Any smaller size storage compartment may be ordered P.O.A. Example:
OSTL-5636 (Model No.) – 50 (Oil Storage)
Standard storage supplied unless specified otherwise.

Larger Units Available. Call for specifications.

OS-DW Series – Oil Separators With Double Wall Construction

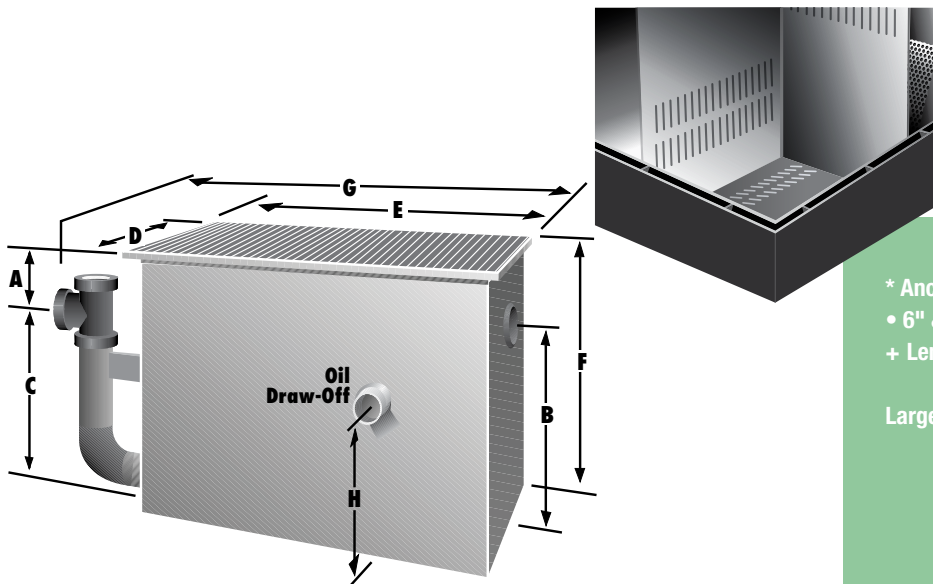
Model	Inlet/Outlet Size	SHC Gallons	Top to Center of Outlet A	Bottom to Center of Inlet B	Bottom to Center of Outlet C	Width D	Length E	Height F	Overall Length G*	Bottom to Vent	Vent Size	Number of Covers
OS-5624-DW*	2"	45gal.	4.5"	24.25"	27.25"	18.75"	24.75"	31.75"	36.5"	27.75"	3"	1
OS-5628-DW*	3"	64gal.	5"	24.25"	27.75"	20.75"	30.75"	32.75"	45.18"	28.75"	3"	1
OS-5630-DW*	3"	75gal.	6"	24.25"	27.75"	25.75"	36.75"	33.75"	51.18"	29.75"	3"	1
OS-5633-DW*	4"	100gal.	9.5"	24"	28.25"	30.75"	40.75"	37.75"	55.62"	31.75"	4"	1
OS-5636-DW*	4"	150gal.	8.5"	25"	29.25"	36.75"	45.75"	37.75"	61.62"	31.75"	4"	2
OS-5642-DW*	4"	172gal.	9.5"	24"	28.25"	36.75"	50.25"	37.75"	65.18"	31.75"	4"	2
OS-5644-DW	4"	210gal.	14"	27.5"	31.75"	36.75"	57.75"	45.75"	74"	36.75"	4"	2
OS-5648-DW	4"	285gal.	17.5"	27.75"	32.25"	40.75"	65"	49.75"	81"	39.75"	4"	3
OS-5652-DW	4"	397gal.	15.5"	32.75"	37.25"	45.75"	65"	52.75"	81"	43.75"	4"	3
OS-5654-DW	•6"	487gal.	15.5"	31.75"	38.25"	45.75"	71"	53.75"	95.5"	44.75"	4"	3
OS-5658-DW	•6"	525gal.	16.5"	38.75"	45.25"	45.75"	77"	61.75"	101.5"	49.75"	4"	3
OS-5662-DW	•6"	598gal.	17"	38.5"	44.75"	45.75"	83.75"	61.75"	108.25"	50.75"	4"	3
OS-5664-DW	•6"	630gal.	17"	38.5"	44.75"	45.75"	95"	61.75"	119.18"	50.75"	4"	3
OS-5670-DW	•6"	735gal.	20"	41.5"	47.75"	45.75"	95"	67.75"	117.5"	53.75"	4"	3

Job Specification: Oil separators shall be Rockford Industrial Separators as manufactured by Rockford Sanitary Systems, Inc., Rockford, Illinois, and as noted on plans.

Separator Specifications: Furnish ____ Rockford Model OS-____DW all-welded DOUBLE WALL 1/4" steel separators, ____ g.p.m. intermittent flow, ____" (tapped) (hubbed) inlet and outlet, ____" tapped internal vent connection, ____" tapped oil draw-off connection for adjustable oil draw-off, visible double-wall outside trap seal, non-removable separator screen with easily removable filter screen, removable 3/8" nonskid diamond tread-plate cover(s) for flush-with-floor installation for pedestrian traffic, or reinforced for ____ (light)(heavy) traffic, cover(s) secured with stainless steel flat head screws, extra-heavy leakproof gasket. OPEX® Shop Coat coating (resistant to oil, grease and cutting oils) inside and bituminous coating outside.

Optional Features: Anchor flange, filter media, sediment basket, integral extension, epoxy coating, anodes, coalescing pack.

DOUBLE WALL CONSTRUCTION



- * Anchor flange requires 3" extension.
- 6" & larger – companion flange connection.
- + Length is the distance from inlet to outlet ends.

Larger Units Available. Call for specifications.

OSL-DW Series – Lighter Gauge Oil Separators With Double Wall Construction

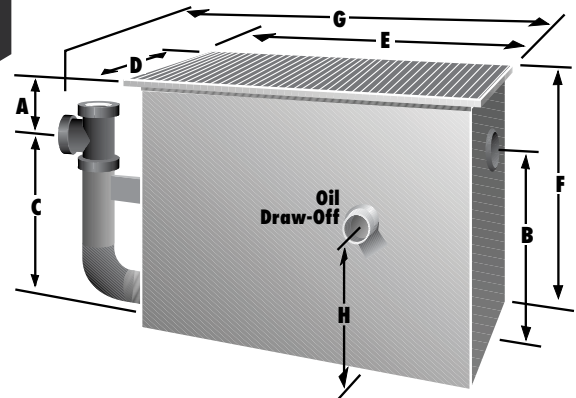
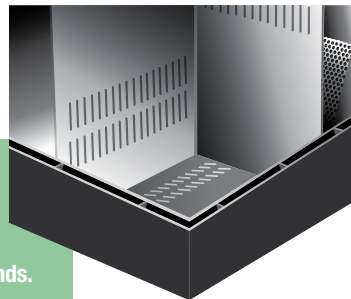
Model	Inlet/Outlet Size	SHC Gallons	Top to Center of Outlet A	Bottom to Center of Inlet B	Bottom to Center of Outlet C	Width D	Length E	Height F	Overall Length G*	Overall Bottom to Vent	Vent Size	Number of Covers
OSL-5610-DW*	2"	15gal.	4.5"	14.63"	13"	17.25"	23.25"	19.13"	33"	15.63"	2"	1
OSL-5615-DW*	2"	29gal.	4.5"	18.13"	16.5"	21.25"	27.5"	22.63"	37.25"	18.63"	3"	1
OSL-5620-DW*	2"	40gal.	4"	24.63"	23"	21.25"	27.5"	28.63"	37.25"	25.63"	3"	1
OSL-5624-DW*	2"	45gal.	4.5"	27.13"	25.5"	18.25"	24.25"	31.63"	36.5"	27.63"	3"	1
OSL-5628-DW*	3"	64gal.	5"	27.63"	26"	20.25"	30.25"	32.63"	46"	28.63"	3"	1
OSL-5630-DW*	3"	75gal.	6"	27.63"	26"	25.25"	36.25"	33.63"	51.25"	29.63"	3"	1
OSL-5633-DW*	4"	100gal.	9.5"	28.13"	26.5"	30.25"	40.25"	37.63"	55.75"	31.63"	4"	1
OSL-5636-DW*	4"	150gal.	8.5"	29.13"	27.5"	36.25"	45.25"	37.63"	62.5"	31.63"	4"	2
OSL-5642-DW*	4"	172gal.	9.5"	28.13"	26.5"	36.25"	49.75"	37.63"	65.25"	31.63"	4"	2
OSL-5644-DW	4"	210gal.	14"	31.63"	30"	36.25"	57.25"	45.63"	72.75"	36.63"	4"	2
OSL-5648-DW	4"	285gal.	17.5"	32.13"	30.5"	40.25"	64.5"	49.63"	81"	39.63"	4"	3
OSL-5652-DW	4"	397gal.	15.5"	37.13"	35.5"	45.25"	64.5"	52.63"	81.5"	43.63"	4"	3
OSL-5654-DW	•6"	487gal.	15.5"	38.13"	36.5"	45.25"	70.5"	53.63"	95.5"	44.63"	4"	3
OSL-5658-DW	•6"	525gal.	16.5"	45.13"	43.5"	45.25"	76.5"	61.63"	101.5"	49.63"	4"	3
OSL-5662-DW	•6"	598gal.	17"	44.63"	43"	45.25"	83.25"	61.63"	108.25"	50.63"	4"	3
OSL-5664-DW	•6"	630gal.	17"	44.63"	43"	45.25"	94.5"	61.63"	119.5"	50.63"	4"	3
OSL-5670-DW	•6"	735gal.	20"	47.63"	46"	45.25"	94.5"	67.63"	119.5"	53.63"	4"	3

Job Specification: Oil separators shall be Rockford Industrial Separators as manufactured by Rockford Sanitary Systems, Inc., Rockford, Illinois, and as noted on plans.

Separator Specifications: Furnish ___ Rockford Model OSL-___ DW all-welded DOUBLE WALL 10 Ga. steel separators, ___ g.p.m. intermittent flow, ___" (tapped) (hubbed) inlet and outlet, ___" tapped internal vent connection, ___" tapped oil draw-off connection for adjustable oil draw-off, visible double-wall outside trap seal, non-removable separator screen with easily removable filter screen, removable 3/16" nonskid diamond treadplate cover(s) for flush-with-floor installation for pedestrian traffic, or reinforced for ___(light)(heavy) traffic, cover(s) secured with stainless steel flat head screws, extra-heavy leakproof gasket. OPEX® Shop Coat coating (resistant to oil, grease and cutting oils) inside and bituminous coating outside.

Optional Features: Anchor flange, filter media, sediment basket, integral extension, epoxy coating, anodes, coalescing pack.

DOUBLE WALL CONSTRUCTION



- * Anchor flange requires 3" extension.
- 6" & larger – companion flange connection.
- + Length is the distance from inlet to outlet ends.

Larger Units Available. Call for specifications.

OST-DW Series – Oil Separators With Double Wall Construction

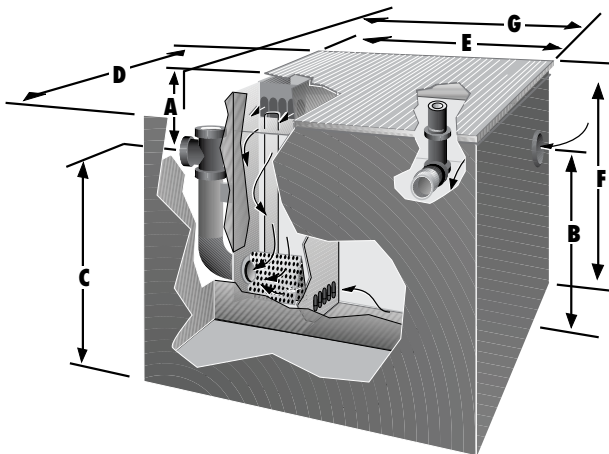
Model	Inlet/Outlet Size	SHC Gallons	Oil Storage†	Top to Center of Outlet A	Bottom to Center of Inlet B	Bottom to Center of Outlet C	Width D	Length E	Height F	Overall Length G*	Bottom to Vent	Vent Size	Number of Covers
OST-5624-50DW*	2"	45gal.	50gal.	4.5"	24.21"	27.13"	46.5"	24.5"	31.63"	50"	27.63"	3"	1
OST-5628-50DW*	3"	64gal.	50gal.	5"	24.13"	27.63"	43.5"	30.5"	32.63"	54"	28.63"	3"	2
OST-5630-100DW*	3"	75gal.	100gal.	6"	24.13"	27.63"	66"	36.5"	33.63"	61"	29.63"	3"	2
OST-5633-100DW*	4"	100gal.	100gal.	9.5"	23.88"	28.13"	65.5"	40.5"	37.63"	70"	31.63"	4"	2
OST-5636-100DW*	4"	150gal.	100gal.	8.5"	24.88"	29.13"	69.25"	45.5"	37.63"	77"	31.63"	4"	4
OST-5642-200DW*	4"	172gal.	200gal.	9.5"	23.88"	28.13"	91"	50"	37.63"	84.5"	31.63"	4"	4
OST-5644-200DW	4"	210gal.	200gal.	14"	27.38"	31.68"	68.25"	57.5"	45.63"	97"	36.63"	4"	4
OST-5648-300DW	4"	285gal.	300gal.	17.5"	27.63"	32.13"	91.75"	64.75"	49.63"	99.5"	39.63"	4"	6
OST-5652-300DW	4"	397gal.	300gal.	15.5"	32.63"	37.13"	93.5"	64.75"	52.63"	117.5"	43.63"	4"	6
OST-5654-300DW	•6"	487gal.	300gal.	15.5"	31.63"	38.13"	88.75"	70.75"	53.63"	138.25"	44.63"	4"	6
OST-5658-500DW	•6"	525gal.	500gal.	16.5"	38.63"	45.13"	96.25"	76.75"	61.63"	148.5"	49.63"	4"	6
OST-5662-500DW	•6"	598gal.	500gal.	17"	38.38"	44.63"	92.25"	83.5"	61.63"	138"	50.63"	4"	6
OST-5664-500DW	•6"	630gal.	500gal.	17"	38.38"	44.63"	81.38"	94.75"	61.63"	154"	50.63"	4"	6
OST-5670-500DW	•6"	735gal.	500gal.	20"	41.38"	47.63"	81.38"	94.75"	67.63"	147"	53.63"	4"	6

Job Specification: Oil separators shall be Rockford Industrial Separators as manufactured by Rockford Sanitary Systems, Inc., Rockford, Illinois, and as noted on plans.

Separator Specifications: Furnish ___ Rockford Model OST-___ DW all-welded DOUBLE WALL 1/4" steel separators, ___ g.p.m. intermittent flow, ___" (tapped) (hubbed) inlet and outlet, ___" tapped internal vent connection, ___" tapped oil draw-off connection for adjustable oil draw-off, visible double-wall outside trap seal, non-removable separator screen with easily removable filter screen, removable 3/8" nonskid diamond tread-plate cover(s) for flush-with-floor installation for pedestrian traffic, or reinforced for ___(light)(heavy) traffic, cover(s) secured with stainless steel flat head screws, extra-heavy leakproof gasket. OPEX® Shop Coat coating (resistant to oil, grease and cutting oils) inside and bituminous coating outside.

Optional Features: Anchor flange, filter media, sediment basket, integral extension, epoxy coating, anodes, coalescing pack.

DOUBLE WALL CONSTRUCTION



- * Anchor flange requires 3" extension.
- 6" & larger – companion flange connection.
- + Length is the distance from inlet to outlet ends.
- † Any smaller size storage compartment may be ordered P.O.A. Example:
OST-5636 (Model No.) – 50 (Oil Storage)
Standard storage supplied unless specified otherwise.

Larger Units Available. Call for specifications.

OSTL-DW Series – Light Gauge Oil Separators With Double Wall Construction and Integral Storage Compartment

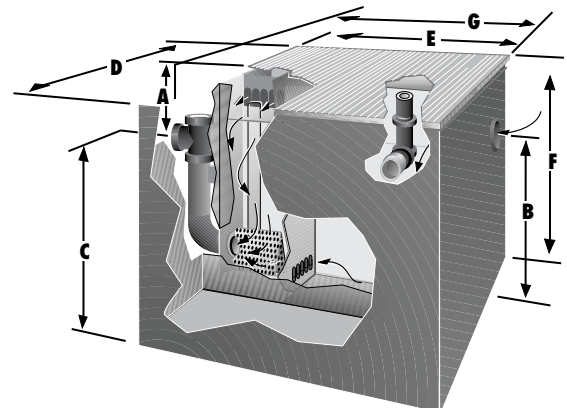
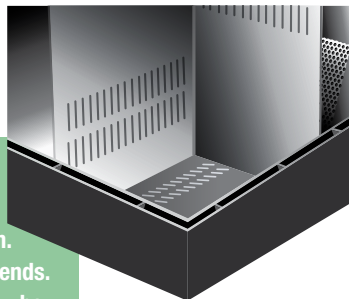
Model	Inlet/Outlet Size	SHC Gallons	Oil Storage†	Top to Center of Outlet A	Bottom to Center of Inlet B	Bottom to Center of Outlet C	Width D	Length E	Height F	Overall Length G*	Bottom to Vent	Vent Size	Number of Covers
OSTL-5610-5-DW*	2"	15gal.	5gal.	4.5"	11.38"	14.63"	26.25"	23.25"	19.13"	33"	15.63"	2"	1
OSTL-5615-10-DW*	2"	30gal.	10gal.	4.5"	15.13"	18.13"	31.25"	27.5"	22.63"	37.25"	18.63"	2"	1
OSTL-5620-10-DW*	2"	40gal.	10gal.	4"	21.63"	24.63"	28.25"	27.5"	28.63"	37.25"	25.63"	2"	1
OSTL-5624-50-DW*	2"	45gal.	50gal.	4.5"	24.21"	27.13"	46.25"	24.25"	31.63"	36.5"	27.63"	3"	1
OSTL-5628-50-DW*	3"	64gal.	50gal.	5"	24.13"	27.63"	43.25"	30.25"	32.63"	46"	28.63"	3"	2
OSTL-5630-100-DW*	3"	75gal.	100gal.	6"	24.13"	27.63"	65.75"	36.25"	33.63"	51.25"	29.63"	3"	2
OSTL-5633-100-DW*	4"	100gal.	100gal.	9.5"	23.88"	28.13"	65.25"	40.25"	37.63"	55.75"	31.63"	4"	2
OSTL-5636-100-DW*	4"	150gal.	100gal.	8.5"	24.88"	29.13"	69"	45.25"	37.63"	62.5"	31.63"	4"	4
OSTL-5642-200-DW*	4"	172gal.	200gal.	9.5"	23.88"	28.13"	90.75"	49.75"	37.63"	65.25"	31.63"	4"	4
OSTL-5644-200-DW	4"	210gal.	200gal.	14"	27.38"	31.68"	68"	57.25"	45.63"	72.75"	36.63"	4"	4
OSTL-5648-300-DW	4"	285gal.	300gal.	17.5"	27.63"	32.13"	91.5"	64.5"	49.63"	81"	39.63"	4"	6
OSTL-5652-300-DW	4"	397gal.	300gal.	15.5"	32.63"	37.13"	93.25"	64.5"	52.63"	81.5"	43.63"	4"	6
OSTL-5654-300-DW	•6"	487gal.	300gal.	15.5"	31.63"	38.13"	88.5"	70.5"	53.63"	95.5"	44.63"	4"	6
OSTL-5658-500-DW	•6"	525gal.	500gal.	16.5"	38.63"	45.13"	96"	76.5"	61.63"	101.5"	49.63"	4"	6
OSTL-5662-500-DW	•6"	598gal.	500gal.	17"	38.38"	44.63"	92"	83.25"	61.63"	108.25"	50.63"	4"	6
OSTL-5664-500-DW	•6"	630gal.	500gal.	17"	38.38"	44.63"	81.13"	94.5"	61.63"	119.5"	50.63"	4"	6
OSTL-5670-500-DW	•6"	735gal.	500gal.	20"	41.38"	47.63"	81.13"	94.5"	67.63"	119.5"	53.63"	4"	6

Job Specification: Oil separators shall be Rockford Industrial Separators as manufactured by Rockford Sanitary Systems, Inc., Rockford, Illinois, and as noted on plans.

Separator Specifications: Furnish ____ Rockford Model OSTL-____ DW all-welded DOUBLE WALL 10 Ga. steel separators, ____ g.p.m. intermittent flow, ____" (tapped) (hubbed) inlet and outlet, ____" tapped internal vent connection, ____" tapped oil draw-off connection for adjustable oil draw-off, visible double-wall outside trap seal, non-removable separator screen with easily removable filter screen, removable 3/16" nonskid diamond treadplate cover(s) for flush-with-floor installation for pedestrian traffic, or reinforced for ____ (light)(heavy) traffic, cover(s) secured with stainless steel flat head screws, extra-heavy leakproof gasket. OPEX® Shop Coat coating (resistant to oil, grease and cutting oils) inside and bituminous coating outside.

Optional Features: Anchor flange, filter media, sediment basket, integral extension, epoxy coating, anodes, coalescing pack.

DOUBLE WALL CONSTRUCTION



- * Anchor flange requires 3" extension.
- 6" & larger – companion flange connection.
- + Length is the distance from inlet to outlet ends.
- † Any smaller size storage compartment may be ordered P.O.A. Example:
OSTL-5636 (Model No.) – 50 (Oil Storage)
Standard storage supplied unless specified otherwise.

Larger Units Available. Call for specifications.

Oil Separator/Sand Interceptor

Model	Inlet/Outlet Size	SHC Gallons	Oil Storage†	Sand SHC Gallons	Top to Center of Outlet A	Bottom to Center of Inlet B	Bottom to Center of Outlet C	Width D	Length E	Height F	Overall Length G*	Bottom to Vent	Vent Size	Number of Covers
GOST-5624-50*	2"	45gal.	50gal.	71gal.	4.5"	25.5"	25"	46"	41.25"	30"	50"	26"	3"	2
GOST-5628-50*	3"	64gal.	50gal.	50gal.	5"	26"	26"	43"	42"	31"	54"	27"	3"	3
GOST-5630-100*	3"	75gal.	100gal.	80gal.	6"	26"	26"	65"	49"	32"	61"	28"	3"	4
GOST-5633-100*	4"	100gal.	100gal.	100gal.	9.5"	27"	27.5"	65"	56.25"	36"	70"	30"	4"	4
GOST-5636-100*	4"	150gal.	100gal.	100gal.	8.5"	27"	27.5"	68.75"	63.25"	36"	77"	30"	4"	4
GOST-5642-200*	4"	172gal.	200gal.	200gal.	9.5"	26"	26.5"	90"	70.75"	36"	84"	30"	4"	6
GOST-5644-200	4"	210gal.	200gal.	200gal.	14"	30"	30"	67.75"	83.2"	44"	97"	35"	4"	6
GOST-5648-300	4"	285gal.	300gal.	285gal.	17.5"	30"	30.5"	91.25"	85.63"	48"	99"	38"	4"	8
GOST-5652-300	4"	397gal.	300gal.	500gal.	15.5"	35"	35.5"	92"	103"	51"	117"	42"	4"	10
GOST-5654-300	•6"	487gal.	300gal.	565gal.	15.5"	36"	36.5"	88.25"	117"	52"	138.25"	43"	4"	10
GOST-5658-500	•6"	525gal.	500gal.	500gal.	16.5"	43"	43.5"	95.75"	127"	60"	148"	48"	4"	10
GOST-5662-500	•6"	598gal.	500gal.	500gal.	17"	43"	43"	91.75"	115.75"	60"	138"	49"	4"	8
GOST-5664-500	•6"	630gal.	500gal.	500gal.	17"	43"	43"	80.88"	132.25"	60"	154"	49"	4"	10
GOST-5670-500	•6"	735gal.	500gal.	500gal.	20"	46"	46"	80.88"	125.63"	66"	147"	52"	4"	8

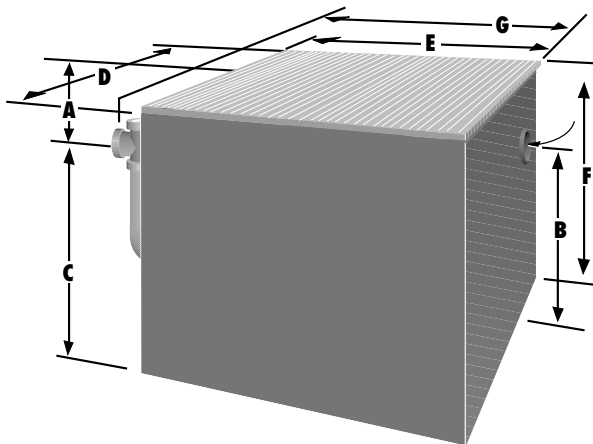
Job Specification: Oil separators shall be Rockford Separators as manufactured by Rockford Sanitary Systems, Inc., Rockford, Illinois, and as noted on plans.

Separator Specifications: Furnish ___ Rockford Model **GOST-**___ - ___gallon integral storage compartment, all-welded ___ 1/4" steel separators, ___g.p.m. intermittent flow ___" (tapped) (hubbed) inlet and outlet, ___" tapped internal vent connection ___" adjustable oil draw-off, visible double-wall outside trap seal, non-removable separator screen with easily removable filter screen, removable 3/8" nonskid diamond treadplate cover(s) for flush-with-floor installation for pedestrian traffic, or reinforced for ___ (light) (heavy) traffic, cover(s) secured with stainless steel flat head screws, extra-heavy leakproof gasket. OPEX® Shop Coat coating (resistant to oil, grease and cutting oils) inside and bituminous coating outside.

Optional Features: Anchor flange, filter media, sediment basket, integral extension, acid-resistant epoxy coating, anodes, coalescing pack, high level sensor and alarm, double-wall construction, with or without leak detection.

TOTAL/UNCONFINED/UNRESTRICTED/OSHA

Recommended Top Access to be able to observe and clean the entire fluid surface in all chambers down to the bottom of the unit.



- * Anchor flange requires 3" extension.
- 6" & larger – companion flange connection.
- + Length is the distance from inlet to outlet ends.
- † Any smaller size storage compartment may be ordered P.O.A. Example:
GOST-5636 (Model No.) – 50 (Oil Storage)
Standard storage supplied unless specified otherwise.

Larger Units Available. Call for specifications.

GOST-DW Series – Oil Separators With Double Wall Construction

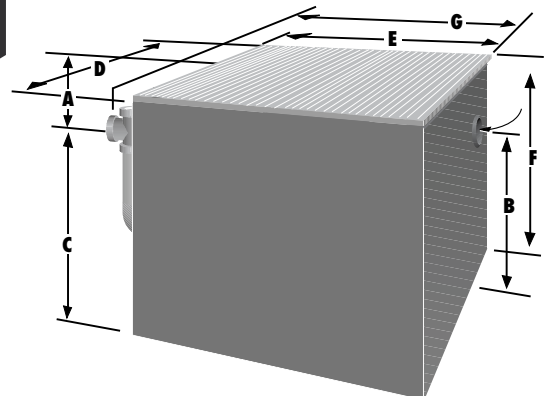
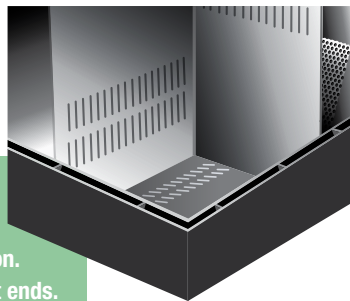
Model	Inlet/Outlet Size	SHC Gallons	Oil Storage†	Sand SHC Gallons	Top to Center of Outlet A	Bottom to Center of Inlet B	Bottom to Center of Outlet C	Width D	Length E	Height F	Overall Length G*	Bottom to Vent	Vent Size	Number of Covers
GOST-5624-50DW*	2"	45gal.	50gal.	71gal.	4.5"	27.25"	27.25"	46.5"	41.75"	31.75"	50.5"	27.75"	3"	2
GOST-5628-50DW*	3"	64gal.	50gal.	50gal.	5"	27.75"	27.75"	43.5"	42.5"	32.75"	54.5"	28.75"	3"	3
GOST-5630-100DW*	3"	75gal.	100gal.	80gal.	6"	27.75"	27.75"	66"	49.5"	33.75"	61.5"	29.75"	3"	4
GOST-5633-100DW*	4"	100gal.	100gal.	100gal.	9.5"	29.25"	29.25"	65.5"	56.75"	37.75"	70.5"	31.75"	4"	4
GOST-5636-100DW*	4"	150gal.	100gal.	100gal.	8.5"	29.25"	29.25"	69.25"	63.75"	37.75"	77.5"	31.75"	4"	4
GOST-5642-200DW*	4"	172gal.	200gal.	200gal.	9.5"	28.25"	28.25"	91"	71.25"	37.75"	85"	31.75"	4"	6
GOST-5644-200DW	4"	210gal.	200gal.	200gal.	14"	31.75"	31.75"	68.25"	83.75"	45.75"	97.5"	36.75"	4"	6
GOST-5648-300DW	4"	285gal.	300gal.	285gal.	17.5"	32.25"	32.25"	91.75"	86.13"	49.75"	100"	39.75"	4"	8
GOST-5652-300DW	4"	397gal.	300gal.	500gal.	15.5"	37.25"	37.25"	92.5"	104"	52.75"	118"	43.75"	4"	10
GOST-5654-300DW	•6"	487gal.	300gal.	565gal.	15.5"	38.25"	38.25"	88.75"	117.5"	53.75"	138.75"	44.75"	4"	10
GOST-5658-500DW	•6"	525gal.	500gal.	500gal.	16.5"	45.25"	45.25"	96.25"	127.5"	61.75"	149"	49.75"	4"	10
GOST-5662-500DW	•6"	598gal.	500gal.	500gal.	17"	44.75"	44.75"	92.25"	116.25"	61.75"	138.5"	50.75"	4"	8
GOST-5664-500DW	•6"	630gal.	500gal.	500gal.	17"	44.75"	44.75"	81.38"	132.75"	61.75"	154.5"	50.75"	4"	10
GOST-5670-500DW	•6"	735gal.	500gal.	500gal.	20"	47.75"	47.75"	81.38"	126.13"	67.75"	147.5"	53.75"	4"	8

Job Specification: Oil/Sediment separators shall be Rockford Separators as manufactured by Rockford Sanitary Systems, Inc., Rockford, Illinois, and as noted on plans.

Separator Specifications: Furnish ___ Rockford Model GOST-___-___-DW gallon integral storage compartment, all-welded double wall 1/4" steel separators, ___ g.p.m. intermittent flow ___" (tapped) (hubbed) inlet and outlet, ___" tapped internal vent connection ___" adjustable oil draw-off, visible double-wall outside trap seal, non-removable separator screen with easily removable filter screen, removable 3/8" nonskid diamond tread-plate cover(s) for flush-with-floor installation for pedestrian traffic, or reinforced for ___ (light) (heavy) traffic, cover(s) secured with stainless steel flat head screws, extra-heavy leak-proof gasket. OPEX® Shop Coat coating (resistant to oil, grease and cutting oils) inside and bituminous coating outside.

Optional Features: Anchor flange, filter media, sediment basket, integral extension, acid-resistant epoxy coating, anodes, coalescing pack, high level sensor and alarm, with or without leak detection.

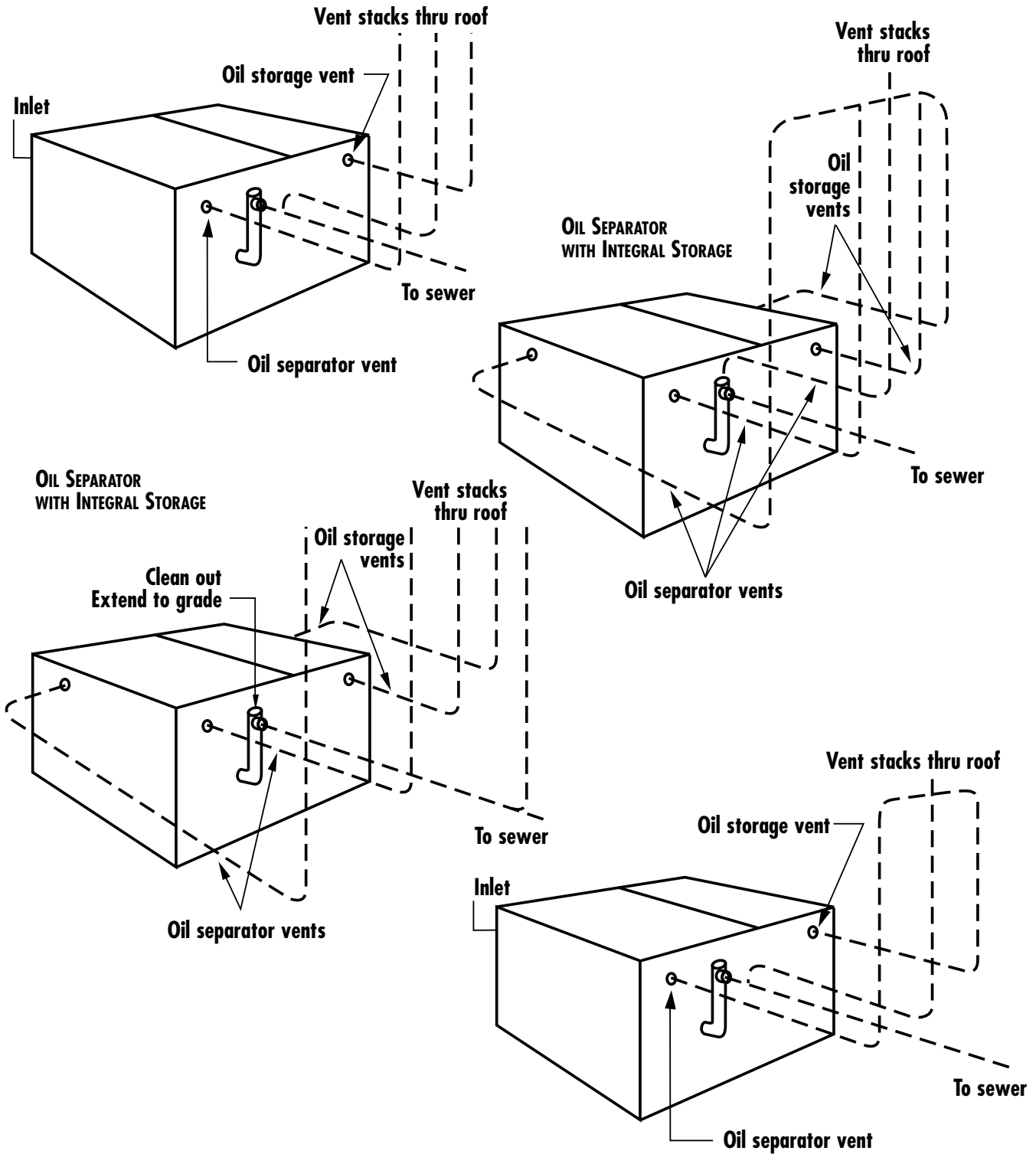
DOUBLE WALL CONSTRUCTION



- * Anchor flange requires 3" extension.
- 6" & larger – companion flange connection.
- + Length is the distance from inlet to outlet ends.
- † Any smaller size storage compartment may be ordered P.O.A. Example:
GOST-5636 (Model No.) – 50 (Oil Storage)
Standard storage supplied unless specified otherwise.

Larger Units Available. Call for specifications.

Oil Separators With Integral Storage Compartment – Piping Diagrams



OVERVIEW

GREASE SEPARATORS

GREASE INTERCEPTORS

GREASE AUTOMATIC SERIES

OIL SEPARATORS

FUEL INTERCEPTORS

LINT SEPARATORS

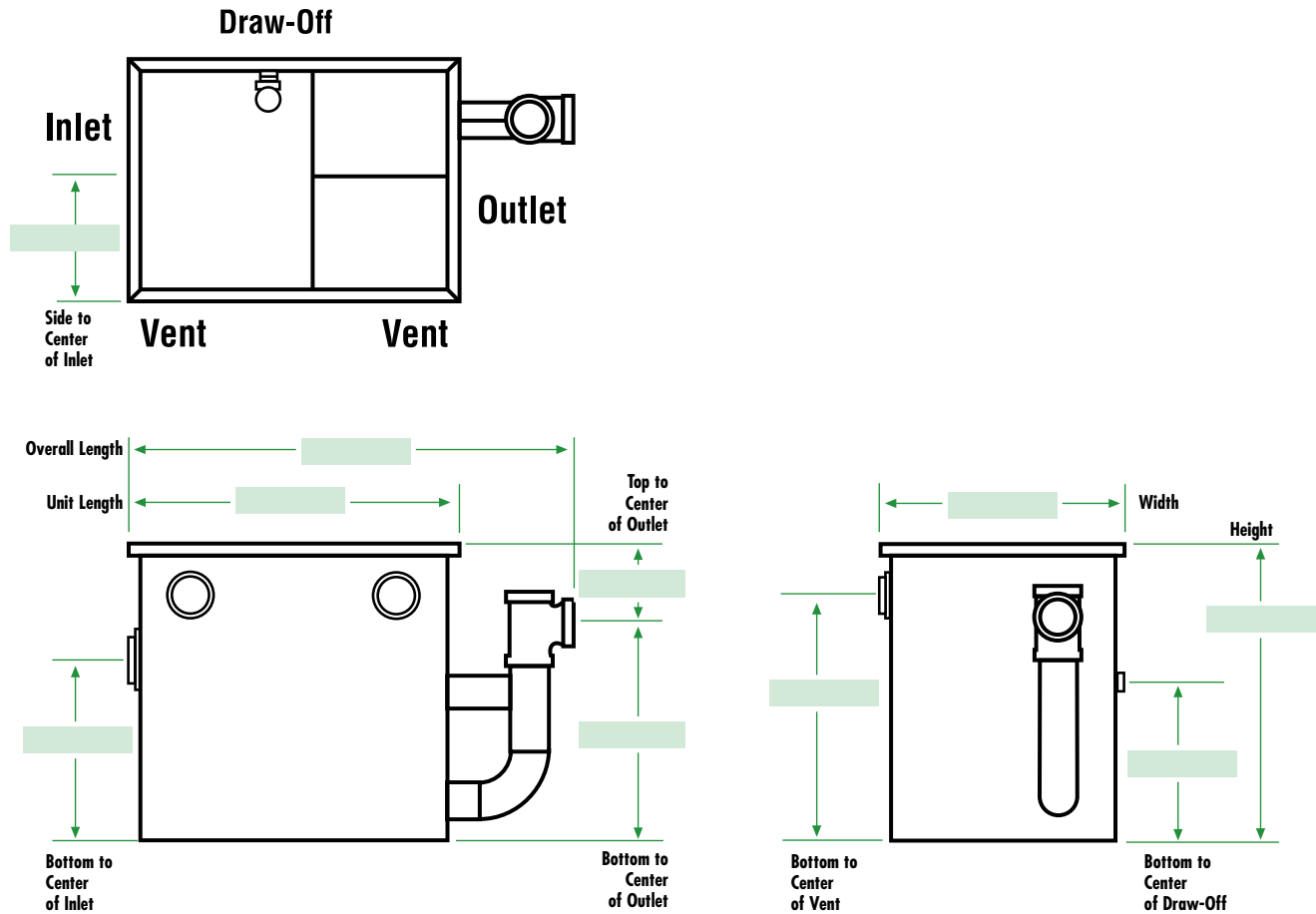
SAND/ SEDIMENT

DRAINS

BASINS

REPLACEMENT PARTS

Specification Drawings – Oil/Water Separator – For 3" and 4" Inlet/Outlet



Double Wall Drawings available upon request

NOTE: Anchor Flange requires minimum 3.00" of extension.

Specifications: Rockford Model OS- _____ all-welded 1/4" A36 steel separator, _____ gallon static holding capacity, _____ g.p.m. intermittent flow, _____" tapped inlet/outlet, _____" tapped oil draw-off connection for adjustable oil outlet draw-off, visible double-wall outside trap seal, non-removable separator screen with easily removable filter screen, removable 3/8" nonskid diamond treadplate cover(s) for flush-with-floor installation suitable for pedestrian traffic secured with stainless steel flat head screws, heavy-duty leakproof gasket, OPEX® Shop Coat coating inside and bituminous coating outside.

Optional Features (Additional Cost):

- Anchor Flange
- Filter Medium
- Recessed Lift Handles in Cover(s)
- Epoxy Coating
- Anodes
- Reinforced Cover(s) _____ Load
- Stainless Steel Construction
- Sediment Basket
- Integral Extension _____ Inches
- Inlet & Outlet Size _____ Inches
- Double-wall Construction
- Leak Detection
- Coalescing Pack

Quote # _____

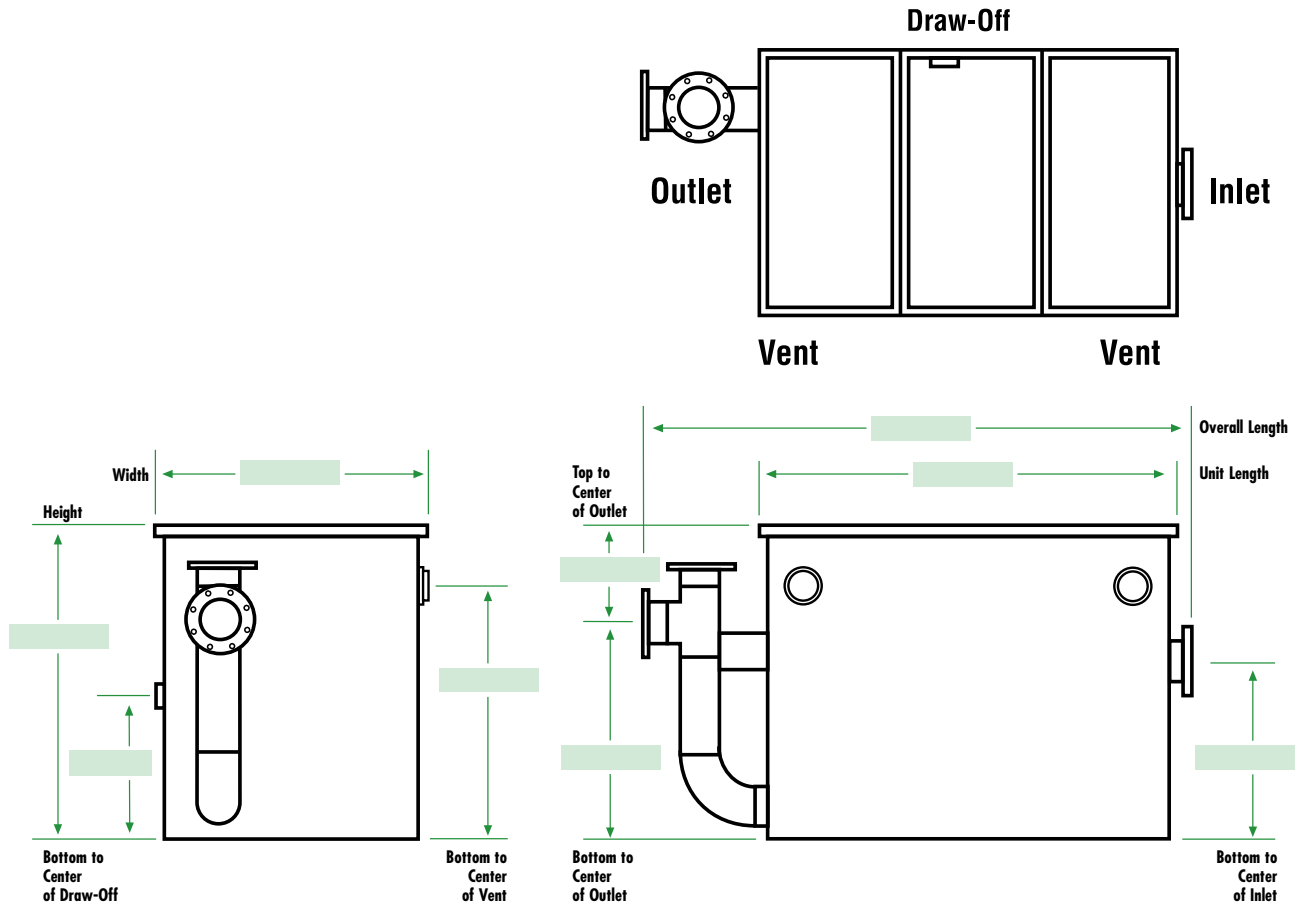
Job Name _____

Approved by _____

Company _____

Date _____

Specification Drawings – Oil/Water Separator – For 6" Inlet/Outlet and Above



Double Wall Drawings available upon request

NOTE: 6.00" Inlet/Outlet and Larger are Companion Flange Connections.

Specifications: Rockford Model OS- [] all-welded 1/4" A36 steel separator, [] gallon static holding capacity, [] g.p.m. intermittent flow, [] " companion flanged inlet/outlet, [] " tapped oil draw-off connection for adjustable oil outlet draw-off, visible double-wall outside trap seal, non-removable separator screen with easily removable filter screen, removable 3/8" nonskid diamond treadplate cover(s) for flush-with-floor installation suitable for pedestrian traffic secured with stainless steel flat head screws, heavy-duty leakproof gasket, OPEX® Shop Coat coating inside and bituminous coating outside.

Optional Features (Additional Cost):

- Anchor Flange
- Filter Medium
- Recessed Lift Handles in Cover(s)
- Epoxy Coating
- Anodes
- Reinforced Cover(s) _____ Load
- Stainless Steel Construction
- Sediment Basket
- Integral Extension _____ Inches
- Inlet & Outlet Size _____ Inches
- Double-wall Construction
- Leak Detection
- Coalescing Pack
- Hold Down Pads
- Aluminum Cover(s)
- Hub Connection

Quote # _____

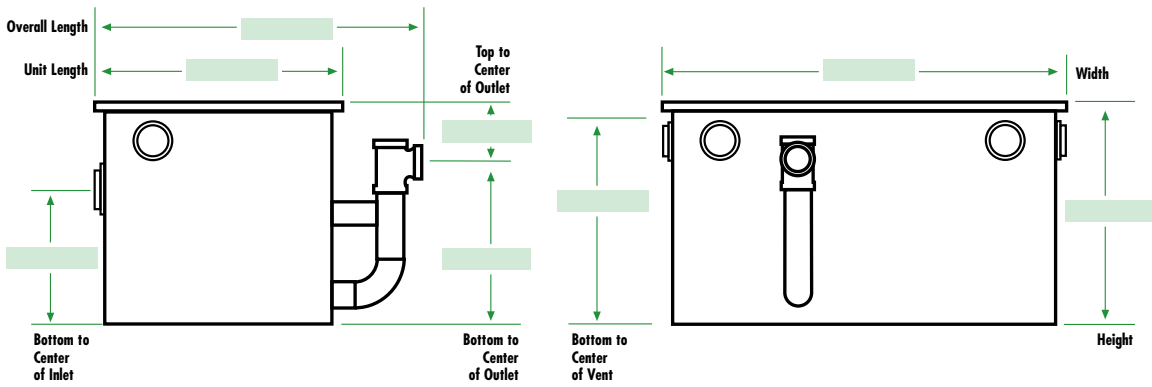
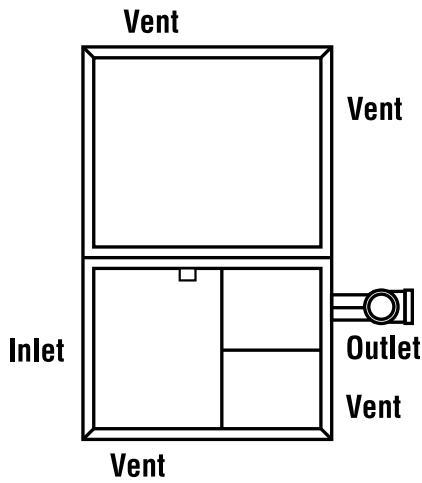
Job Name _____

Approved by _____

Company _____

Date _____

Oil/Water Separator with Integral Storage – For 3" and 4" Inlet/Outlet



Double Wall Drawings available upon request

NOTE: Anchor Flange requires minimum 3.00" of extension on OST-5642 and smaller.

Specifications: Rockford Model OST- _____ all-welded 1/4" A36 steel separator, _____ gallon static holding capacity, _____ gallon waste storage, _____ g.p.m. intermittent flow, _____" tapped inlet/outlet, visible double-wall outside trap seal, non-removable separator screen with easily removable filter screen, removable 3/8" nonskid diamond treadplate cover(s) for flush-with-floor installation suitable for pedestrian traffic secured with stainless steel flat head screws, heavy-duty leakproof gasket, OPEX® Shop Coat coating inside and bituminous coating outside.

Optional Features (Additional Cost):

- Anchor Flange
- Filter Medium
- Recessed Lift Handles in Cover(s)
- Epoxy Coating
- Anodes
- Reinforced Cover(s) _____ Load
- Stainless Steel Construction
- Integral Extension _____ Inches
- Inlet & Outlet Size _____ Inches
- Double-wall Construction
- Leak Detection
- High Level Sensor & Alarm
- Coalescing Pack
- Pump Out Connection

Quote # _____

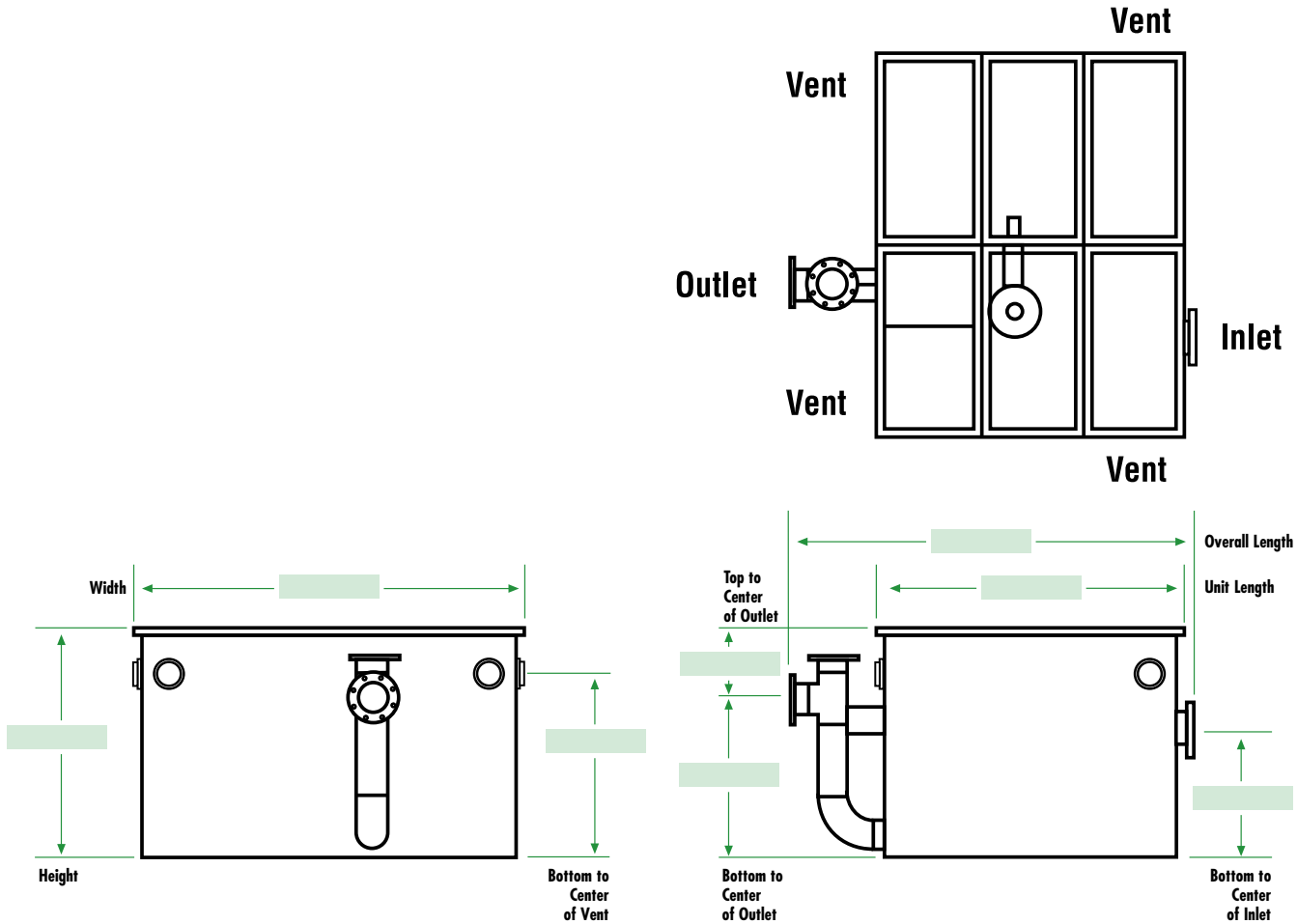
Job Name _____

Approved by _____

Company _____

Date _____

Oil/Water Separator with Integral Storage – For 6" Inlet/Outlet



Double Wall Drawings available upon request

NOTE: 6.00" Inlet/Outlet and Larger are Companion Flange Connections.

Specifications: Rockford Model OST- _____ all-welded 1/4" A36 steel separator, _____ gallon static holding capacity, _____ gallon waste storage, _____ g.p.m. intermittent flow, _____" companion flanged inlet/outlet, visible double-wall outside trap seal, non-removable separator screen with easily removable filter screen, removable 3/8" nonskid diamond treadplate cover(s) for flush-with-floor installation suitable for pedestrian traffic secured with stainless steel flat head screws, heavy-duty leakproof gasket, OPEX® Shop Coat coating inside and bituminous coating outside.

Optional Features (Additional Cost):

- Anchor Flange
- Filter Medium
- Recessed Lift Handles in Cover(s)
- Epoxy Coating
- Anodes
- Reinforced Cover(s) _____ Load
- Stainless Steel Construction
- Sediment Basket
- Integral Extension _____ Inches
- Inlet & Outlet Size _____ Inches
- Double-wall Construction
- Leak Detection
- High Level Alarm & Panel (ACT)
- Coalescing Pack
- Pump Out Connection

Quote # _____

Job Name _____

Approved by _____

Company _____

Date _____

OVERVIEW

GREASE SEPARATORS

GREASE INTERCEPTORS

GREASE AUTOMATIC SERIES

OIL SEPARATORS

FUEL INTERCEPTORS

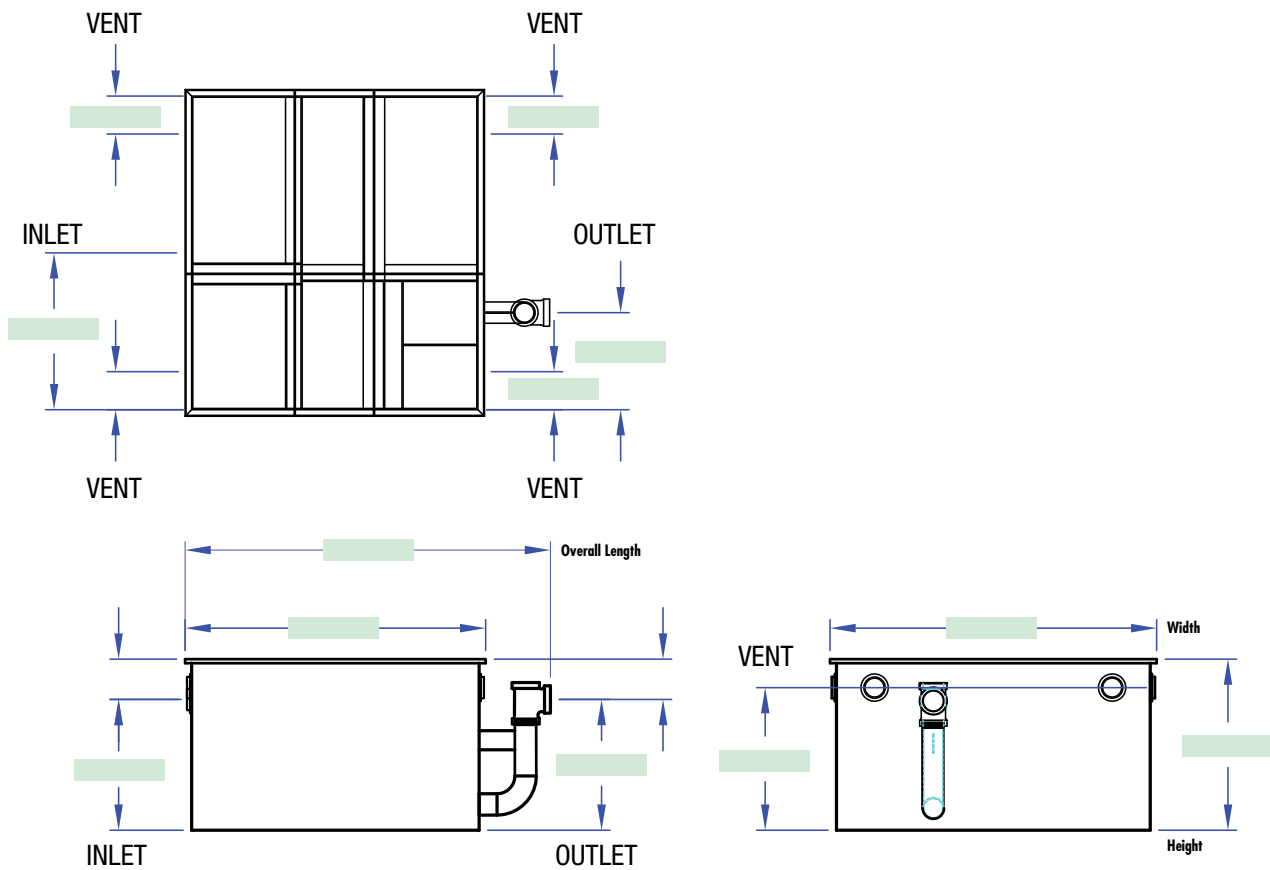
LINT SEPARATORS

SAND/ SEDIMENT

DRAINS

BASINS

REPLACEMENT PARTS



Double Wall Drawings available upon request

Specifications: Rockford Model **GOST-** [] oil/water separator all-welded A36 1/4" steel, [] g.p.m. intermittent flow, [] gallon static capacity with 100 gallon waste oil storage, []" threaded inlet/outlet and []" threaded vent connections (4), visible double-wall outside trap seal, removable filter screen, non-removable separator screens, 3/8" nonskid treadplate covers (4) (for flush-with-floor installation) for pedestrian traffic secured with stainless steel bolts with heavy duty leakproof gasket, OPEX SHOP COAT coating inside and bituminous coating outside.

Optional Features (Additional Cost):

- Anchor Flange
- Filter Medium
- Recessed Lift Handles in Cover(s)
- Epoxy Coating
- Anodes
- Reinforced Cover(s) _____ Load
- Stainless Steel Construction
- Sediment Basket
- Integral Extension _____ Inches
- Inlet & Outlet Size _____ Inches
- Double-wall Construction
- Leak Detection
- High Level Sensor & Alarm
- Coalescing Pack
- Pump Out Connection

Quote # _____

Job Name _____

Approved by _____

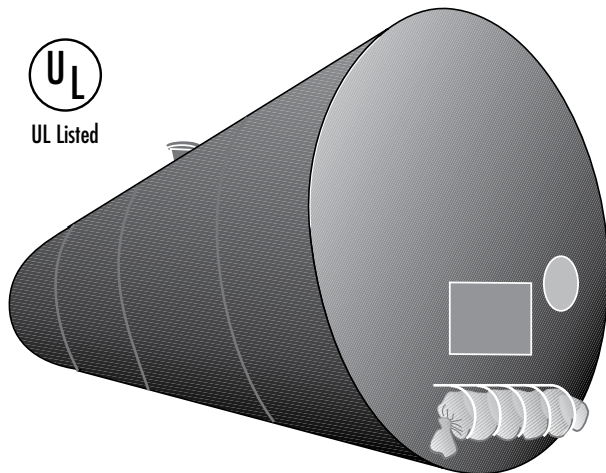
Company _____

Date _____

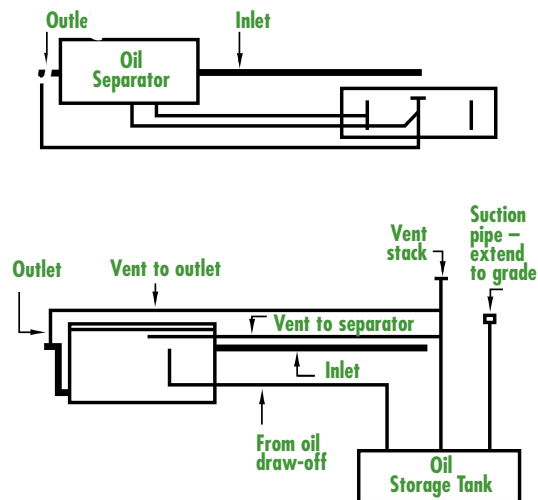
Underground Steel Storage Tanks

Model No.	Capacity	Diameter x Length	Gauge	Weight
71-030-4	300gal.	3'2" x 5'	7	760lb.
71-121-4	560gal.	4' x 6'	7	800lb.
71-149-4	1,000gal.	5'4" x 6'	7	1,150lb.
71-170-4	2,000gal.	5'4" x 12'	7	2,000lb.
71-177-4	3,000gal.	5'4" x 18'	7	2,800lb.
71-184-4	4,000gal.	5'4" x 24'	7	3,500lb.
71-190-4	4,000gal.	7' x 14'	3/16"	3,300lb.
71-220-4	6,000gal.	8' x 16'	1/4"	5,450lb.
71-235-4	8,200gal.	8' x 22'	1/4"	7,058lb.
71-238-4	10,000gal.	9' x 21'	1/4"	7,700lb.
71-240-4	10,000gal.	8' x 27'	1/4"	8,450lb.
71-248-4	12,000gal.	9' x 25'	1/4"	8,850lb.
71-250-4	12,000gal.	8' x 32'	1/4"	9,750lb.
71-255-4	20,000gal.	10'6" x 31'	5/16"	16,500lb.

Larger Units Available.



INSTALLATION DIAGRAMS



30-Year Warranty

A written 30-Year Limited Warranty against leaks due to external corrosion is delivered with each tank. A warranty for the life of the installation covers leaks due to structural failure. Each tank's serial number is registered.

Also Available:

- Tanks with special interior coatings for aviation fuel. Custom designed tanks may also be ordered.
- Double-wall construction.
- Double-wall, steel tank with fiber glass outer wall.

OVERVIEW

Helicopter Port Fuel Interceptors

GREASE SEPARATORS

RECOMMENDED HELIPORT MARKING • Federal Aviation Administration AC-150/3390-1A

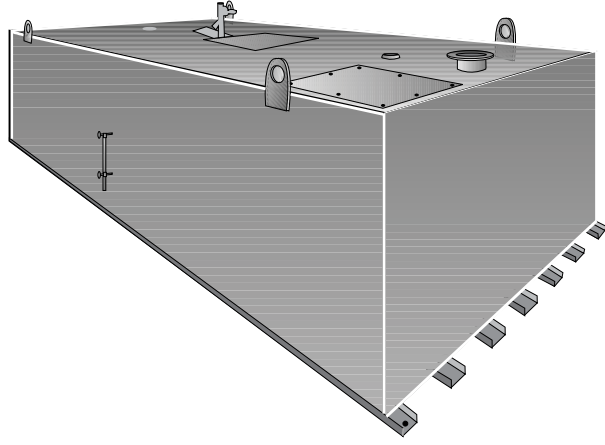
The standard pattern marking is dimensioned for a pad size of 90 feet or more. For pattern sizes other than 75 feet, scale dimensions proportionately. The touchdown area should be clearly defined by a solid or segmented border at least one foot wide. On surfaces of light color, markings should be outlined in black to increase their visibility.

GREASE INTERCEPTORS

1. Consult the local municipal, county or state authority to determine who has jurisdiction.
2. Consult the proper administrative authorities to ascertain any special requirements or restrictions.
 - A. Building Department – Plumbing Division
 - B. Zoning Department – Restrictions or Variances
 - C. Fire Department – Fire Prevention Bureau
 - D. Sewer Department – Industrial Waste Control
 - E. Sanitary District – Industrial Waste Ordinance
 - F. Health Department – In some states
 - G. Federal Aviation Agency – F.A.A. Local Office

GREASE AUTOMATIC SERIES

OIL SEPARATORS



FUEL INTERCEPTORS

With the use of helicopters for short flights and the increasing use of rooftops and other elevated structures for landing facilities, the possibilities for emergency situations have also increased. The protection of life and property is best accomplished through preventive means. Mechanical failures in aircraft can easily result in crash landings. Fuel spillage on such facilities presents a fire hazard to persons in and near these facilities. The resultant damage to the building or structure itself must be taken into account. Prevention of a potential catastrophe is paramount.

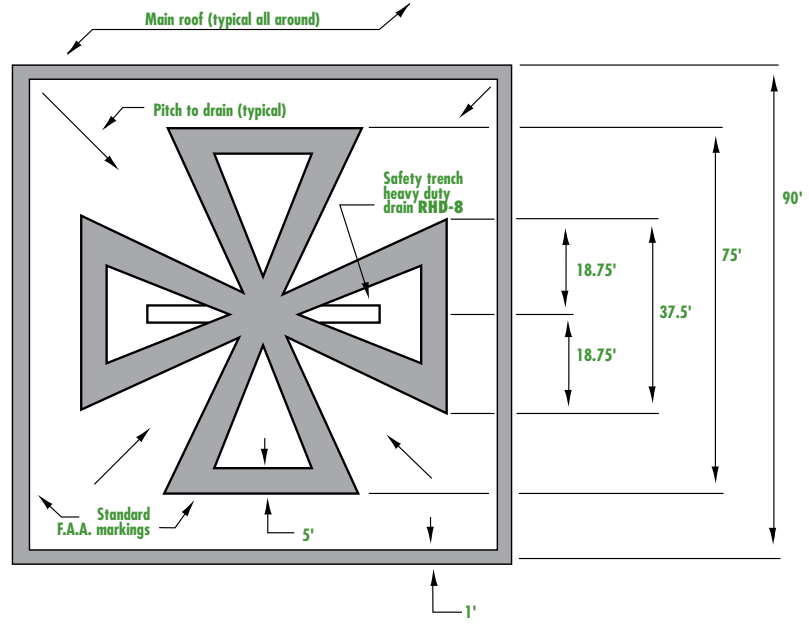
LINT SEPARATORS

SAND/ SEDIMENT

DRAINS

BASINS

REPLACEMENT PARTS



The installation of properly sized interceptors to intercept gasoline, with adequate ventilation to dissipate explosive fumes before they enter the sewer system, is the best assurance against explosions.

Specially made.
Contact Engineering.

Helicopter Port Fuel Interceptors

SAFETY TRENCH DRAIN

The prevention of fuel and/or water ponding on the landing pad is accomplished by means of a large trench type drain covered by an inlet grate with sufficiently large enough openings to allow fast drainage.

NON-SPARKING INLET GRATES

The cover grates shall be of a non-sparking metallic material and shall be loosely set to permit ready access to the interior of the drain.

TYPICAL INSTALLATION

Install unit within 10 feet of the landing pad. If unit is installed at greater distances from the pad, the unit must be sized accordingly.

DESIGN CONSIDERATIONS

Careful consideration must be given to all aspects of design and installation of the system. It shall be in accordance with the best engineering practices and provide ready accessibility for ease in operation and maintenance.

MATERIALS

All materials specified shall be of the best quality used for the purpose intended. They shall be free from defects and imperfections that might adversely affect the serviceability of the completed installation.

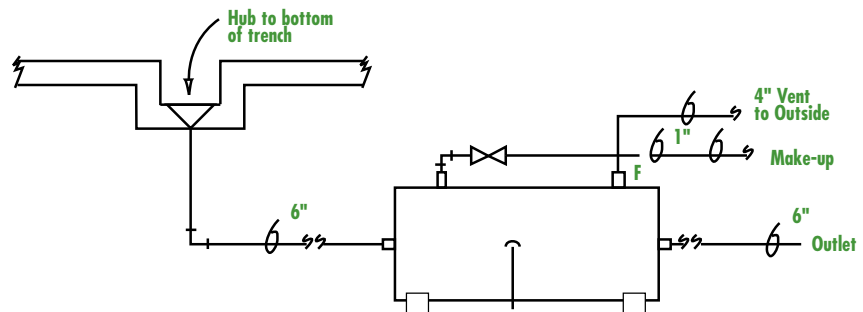
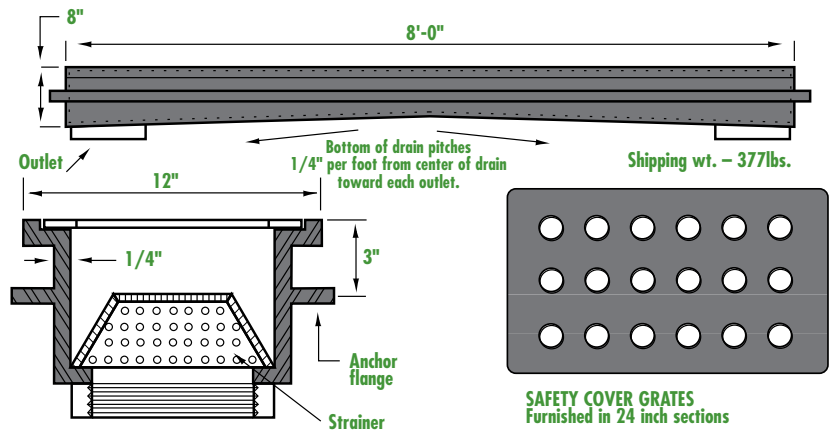
PROTECTION

Provisions shall be provided to protect all portions of the installation subject to freezing. Conversely, all portions of the installation holding fuel shall be protected from thermal expansion due to the direct rays of the sun.

Specifications: Helicopter Pad Safety Drain shall be Rockford Model **RHD-8** as manufactured by Rockford Sanitary Systems, Rockford, IL as shown on plans.

Drain Specifications: Furnish Rockford Model **RHD-8** Helicopter Pad Safety Drain constructed of ASTM-A242 high-strength, low-alloy plate with non-sparking safety cover grates of AA-7075-T6 Fed. Spec. QQ-A-250/12 material with circular grate openings. Two 4" threaded double outlet connections.

Optional Equipment: Flashing flange and clamping ring.



SIZING OF FUEL SEPARATOR

Determine the manufacturer and model of helicopter(s) that will use the pad. The fuel tank capacity of the largest helicopter using the pad will determine the model fuel separator that is to be installed. Select a fuel separator with a fuel retention capacity equal to or greater than the fuel tank capacity of the largest helicopter.

MINIMUM SIZE FUEL SEPARATOR

The water seal capacity shall not be less than 18cu. ft. with a surface area not more than 22 sq. ft. and a water seal depth of not less than 16" nor more than 18".

These specifications contain guidance material which may be used verbatim by specifying engineers for possible procurement purposes.

Specially made.
Contact Engineering.

Helicopter Port Fuel Interceptors

Model	Water Depth	Tapped Inlet and Outlet	Water Seal Gallons	Cubic Feet	Width A	Length B	Height C	Fuel Retention Capacity	Surface Area	Ullage	Shipping Weight	Operating Weight
RHS-10	1'5"	6"	135gal.	18cu.ft.	3'0"	7'6"	4'0"	35gal.	22.46sq.ft.	52.65cu.ft.	1,650lb.	4,000lb.
RHS-20	1'5"	6"	175gal.	23.3cu.ft.	4'0"	10'6"	4'0"	65gal.	41.77sq.ft.	56.28cu.ft.	2,975lb.	6,300lb.
RHS-30	1'5"	6"	200gal.	26.6cu.ft.	5'3"	11'0"	4'0"	90gal.	57.75sq.ft.	135.14cu.ft.	3,524lb.	8,650lb.
RHS-40	1'5"	6"	300gal.	40cu.ft.	7'8"	16'0"	4'0"	195gal.	125.31sq.ft.	279.77cu.ft.	5,000lb.	15,000lb.
RHS-50	1'5"	6"	350gal.	46.6cu.ft.	8'0"	17'9"	4'0"	220gal.	141.17sq.ft.	332.28cu.ft.	5,600lb.	19,000lb.
RHS-60	1'5"	6"	395gal.	52.48cu.ft.	8'0"	20'0"	4'0"	250gal.	160sq.ft.	400cu.ft.	6,220lb.	21,360lb.

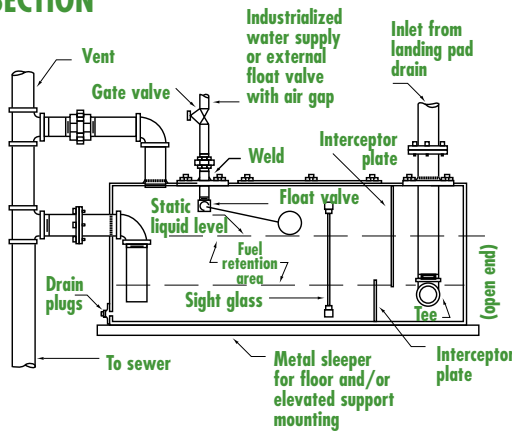
Larger Units Available.

Job Specification: Helicopter port fuel interceptor shall be Rockford Interceptors as manufactured by Rockford Sanitary Systems, Rockford, Illinois and as noted on plans.

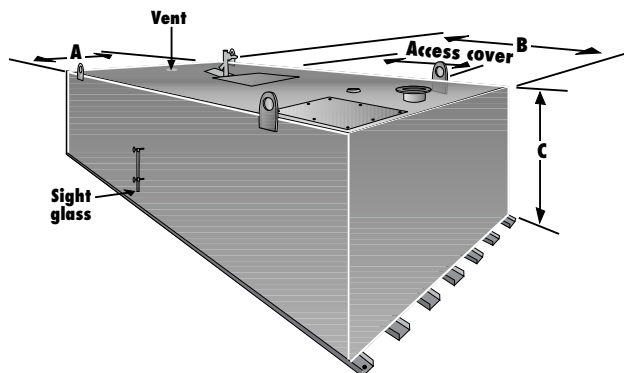
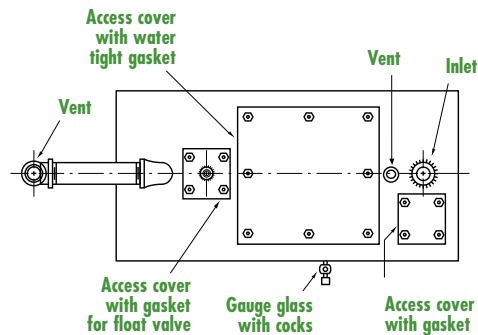
Interceptor Specifications: Furnish Rockford Model RHS-____ Helicopter Port Fuel Interceptor constructed entirely from high-strength, low-alloy plate 1/4" ASTM-A242, 6" flanged inlet and outlet, with outlet vent connection, 4" internal vent connections, gasketed access covers secured with stainless steel bolts, 2" fuel drain connection, 1" fresh water supply connection with gate valve, back flow preventer, automatic water level float valve, external sight glass water level indicator with drain cocks, 2" interceptor drain plugs, channel support rails and body corner lifting lugs. Body of interceptor shall be welded inside and outside, water tested, thoroughly air dried, coated inside and outside with OPEX® Shop Coat coatings.

Optional Equipment: Elevated support frame or elevated support frame with walkway.

SECTION



PLAN



Specially made.
Contact Engineering.

For inside and outside installation, to receive lint, buttons and other waste coming from clothes washers and commercial laundromats.

Our simple design is a perfect application of the principle of nature's own law of gravity in separating lighter-than-water wastes from heavier-than-water matter. These light-density lint substances, as well as buttons and other waste coming from clothes washers, are retained in the Rockford Separator.

Note the course of water travel in cut-open view. The arrows designate the course waste water enters inlet, passing through the primary filter and on thru the secondary filter and then the flow is directed downward to outlet opening, up through the outside visible trap, and finally through the horizontal opening in outlet tee to the drainage system. There is no straight in-and-out travel from the inlet to the outlet of the separator. For continuous or severe operation, consult our Engineering Department.

CONSTRUCTION

The **RLS Series Separator** is built of all-welded heavy-duty steel plate for maximum strength and durability. Both the interior and exterior are coated to resist acid corrosion. These units have removable covers for on-the-floor, partially recessed or flush-with-floor installation, suitable for pedestrian traffic or reinforced for heavy traffic. The cover is secured to the body with recessed stainless steel bolts and includes an extra-heavy leakproof gasket.

Separating screens and a flow-regulator filter screen regulate flow and filter waste water, making outside flow control or retarder unnecessary. The outlet is separated from the main body of the unit, meeting all plumbing code requirements of an outside visible trap seal.

All units are available in double-wall construction with leak detection if specified.

COR-TEN® INFORMATION

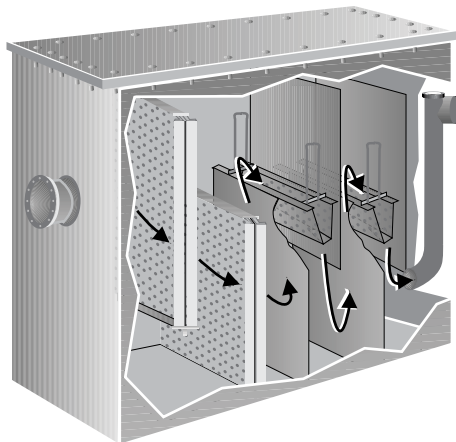
Cor-Ten® high-strength, low carbon steel with its high strength and outstanding resistance to atmospheric corrosion is available where maintenance cost savings are prime considerations. Even in an unpainted condition, Cor-Ten® has a tightly adherent oxide surface which stops further oxidation. Painted or coated, this characteristic is further enhanced. The reliability and strength of this material has been proven in many applications, such as railroad cars, bridges and two of the tallest buildings in the world: the John Hancock Building and the Sears Tower in Chicago.

SAFETY FEATURES

Visible double-wall outside trap seal with vent connection prevents siphoning. Separate internal vent connection keeps pressure from building up inside the unit and from forcing contents into the drainage system through the vent; also releases any fumes which may build up inside the unit. To combat suds blow up, contact our Engineering Department.

METHOD OF OPERATION

There is no straight in and out travel from inlet to outlet. Waste water enters inlet, passing through the primary filter and on thru the secondary filter and then the flow is directed downward to outlet opening, up through the outside visible trap, and finally through the horizontal opening in outlet tee to the drainage system. The number of filters will vary depending on the size of the unit. When the primary filter becomes clogged the flow is directed downward and to the next filter. This process continues until the final filter becomes clogged. When this occurs the flow through the separator will slow down and eventually shut off. Slow down of the flow is an indication that the filters need cleaning and/or replacing.



OVERVIEW

GREASE SEPARATORS

GREASE INTERCEPTORS

GREASE AUTOMATIC SERIES

OIL SEPARATORS

FUEL INTERCEPTORS

LINT SEPARATORS

SAND/ SEDIMENT

DRAINS

BASINS

REPLACEMENT PARTS

Light Commercial Lint Separators

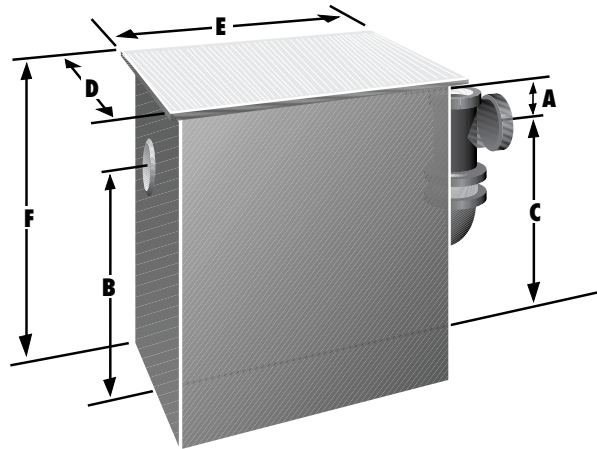
Model	Intermittent Flow GPM	Inlet/Outlet Size	SHC Gallons	Top to Center of Outlet A	Bottom to Center of Inlet B	Bottom to Center of Outlet C	D Width	E Length	F Height	G Overall Length	Bottom to Vent	Vent Size	Number of Covers
RLS-1815	10	2"	10gal.	6.25"	13.75"	13.75"	13"	21.25"	20"	26.63"	17"	2"	1
RLS-1820	20	2"	20gal.	6.5"	17.5"	17.5"	17"	23"	24"	28.38"	18.5"	2"	1
RLS-2420	30	3"	30gal.	9.12"	17.88"	17.88"	21"	27.25"	27"	35.5"	24"	2"	1
RLS-2635	40	3"	40gal.	7"	24"	24"	21"	27.25"	31"	35.5"	25.5"	2"	1
RLS-2824	50	4"	50gal.	6.75"	24.25"	24.25"	23"	29"	31"	38.68"	27"	2"	1
RLS-3050	60	4"	60gal.	5.25"	25.75"	25.75"	23"	32.25"	31"	41.75"	27"	2"	1
RLS-3224	70	4"	70gal.	5.25"	25.75"	25.75"	23"	35.75"	31"	45.25"	27"	2"	1
RLS-3475	80	4"	80gal.	7"	27"	27"	25.5"	35.75"	34"	45.25"	28"	2"	1
RLS-3628	100	4"	110gal.	7.75"	26.25"	26.25"	32.75"	38.25"	34"	47.75"	28"	2"	1

* Larger Units Available.

Job Specification: Lint separators shall be Rockford Lint Separators as manufactured by Rockford Sanitary Systems, Inc., Rockford, Illinois, and as noted on plans.

Separator Specifications: Furnish _____ Rockford Model **RLS-**_____ all-welded 10 gauge steel separators _____" tapped inlet and outlet with tapped _____" internal vent connection, visible double-wall outside trap seal, easily removable stainless steel filter for cleaning, removable 3/8" nonskid diamond treadplate cover(s) for flush-with-floor installation suitable for pedestrian traffic, sealed with heavy-duty leakproof gasket, secured with stainless steel flat head screws, OPEX® Shop Coat coating inside and bituminous coating outside for flush-with-floor installation.

Optional Features: OPEX® Shop Coat coating outside for on-the-floor installation, aluminum cover, anchor flange with or without clamping ring, integral extension to grade, epoxy coating, all stainless steel construction, double-wall construction. Cover(s) fastened with stainless steel vandal-proof bolts. Contact our Engineering Department.



- * Anchor flange requires 3" extension.
- Stainless steel units are available.
- Install per your local code.

Double-wall construction available.

Heavy Commercial Lint Separators

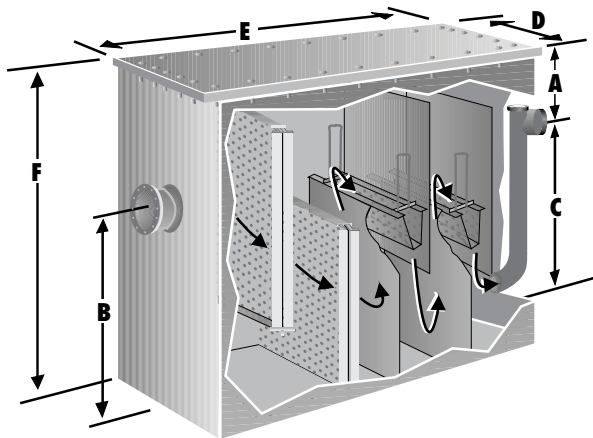
Model	Intermittent Flow GPM	Inlet/Outlet Size	SHC Gallons	Top to Center of Outlet A	Bottom to Center of Inlet B	Bottom to Center of Outlet C	D Width	E Length	F Height	G Overall Length	Bottom to Vent	Vent Size	Number of Covers
RLS-20	150	4"	150gal.	9.5"	26.25"	26.25"	26.75"	60"	36"	73.63"	27"	3"	2
RLS-25	200	6"	200gal.	11"	29"	29"	26.75"	80.75"	40"	102.5"	32"	3"	3
RLS-40	300	6"	300gal.	15"	40"	40"	26.75"	80.75"	55"	102.5"	45"	3"	3
RLS-55	400	6"	400gal.	22"	53"	53"	26.75"	80.75"	75"	102.5"	65"	3"	3
RLS-70	500	6"	500gal.	16"	44"	44"	38.75"	80.75"	60"	102.13"	51"	3"	3
RLS-100	750	6"	750gal.	20"	55"	55"	38.75"	98.75"	75"	120.5"	65"	3"	4
RLS-135	1000	6"	1000gal.	20.5"	51.5"	51.5"	50.75"	104.75"	72"	126.5"	60"	3"	4
RLS-200	1500	6"	1500gal.	20.5"	75.5"	75.5"	50.75"	104.75"	96"	126.5"	84"	3"	4

Larger Units Available.

Job Specification: Lint separators shall be Rockford Lint Separators as manufactured by Rockford Sanitary Systems, Inc., Rockford, Illinois, and as noted on plans.

Separator Specifications: Furnish _____ Rockford Model **RLS-**_____ all-welded 1/4" steel separators _____" tapped inlet and outlet with tapped _____" internal vent connection, visible double-wall outside trap seal, easily removable stainless steel filters for cleaning, removable 3/8" nonskid diamond treadplate cover(s) for flush-with-floor installation suitable for pedestrian traffic, sealed with heavy-duty leakproof gasket, secured with stainless steel flat head screws, OPEX® Shop Coat coating inside and bituminous coating outside for flush-with-floor installation.

Optional Features: OPEX® Shop Coat coating outside for on-the-floor installation, aluminum cover(s), anchor flange with or without clamping ring, integral extension to grade, epoxy coating, all stainless steel construction, double-wall construction. Cover(s) fastened with stainless steel vandal-proof bolts. Contact our Engineering Department.



- * Anchor flange requires 3" extension.
- 6" & larger – companion flange connection.

Double-wall construction available.

Larger Units Available.
Call for specifications.

OVERVIEW

Economy Series Lint Separators

GREASE SEPARATORS

GREASE INTERCEPTORS

GREASE AUTOMATIC SERIES

OIL SEPARATORS

FUEL INTERCEPTORS

LINT SEPARATORS

SAND/ SEDIMENT

DRAINS

BASINS

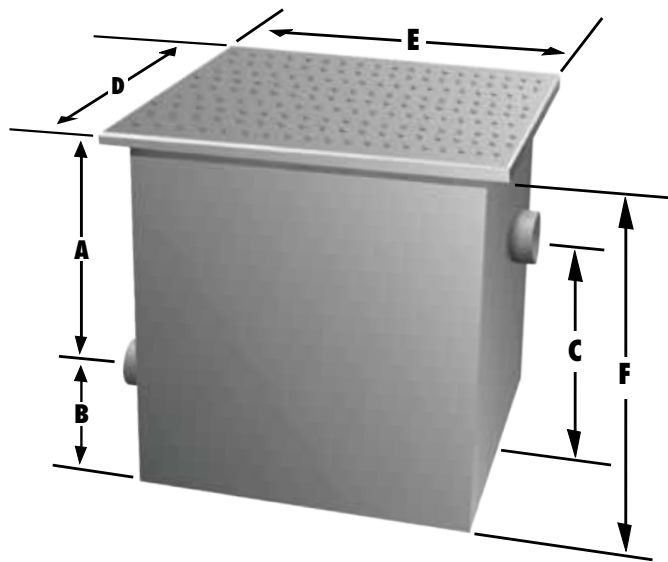
REPLACEMENT PARTS

Model	No. of Machines	Inlet/Outlet Size	Bottom to Center		D Width	E Length	F Height E	Shipping Weight	
			of Outlet B	of Inlet C					
RLSW-10	1	2"	10"	10"	3"	14"	14"	13"	45lb.
RLSW-30	3	2"	13"	13"	3"	17"	17"	16"	75lb.
RLSW-70	7	3"	17"	16"	3"	25"	25"	20"	240lb.
RLSW-100	10	4"	24"	23.5"	4"	33"	33"	28"	298lb.
RLSW-200	20	4"	31"	30.5"	4"	40"	40"	35"	432lb.
RLSW-300	30	6"	35"	34.5"	5"	45"	45"	40"	567lb.
RLSW-400	40	6"	38"	37.5"	5"	48"	48"	43"	663lb.
RLSW-500	50	6"	42"	41.5"	5"	52"	52"	47"	793lb.

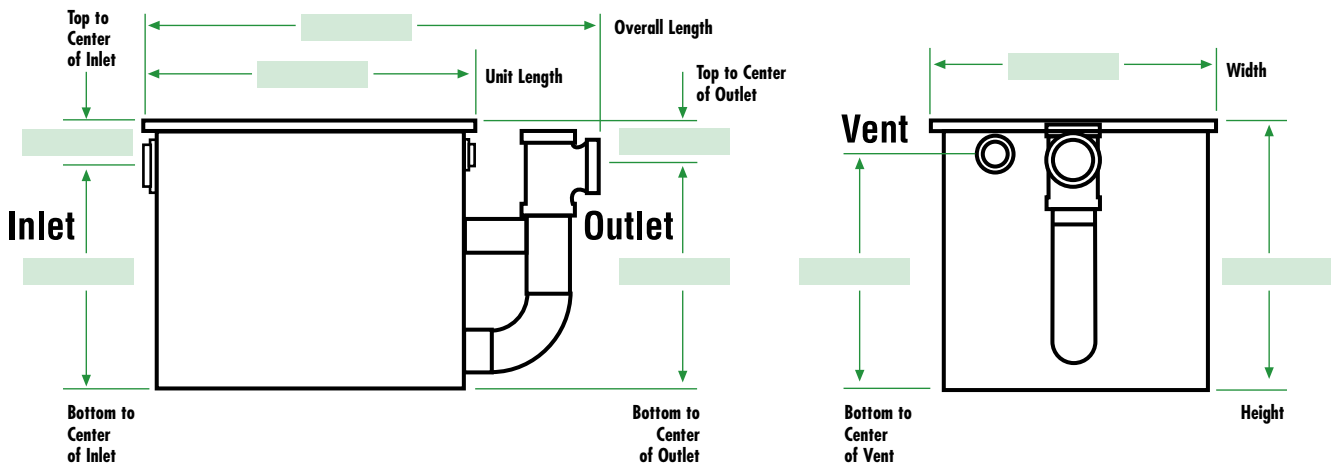
Job Specification: Lint separators shall be Rockford Lint Separators as manufactured by Rockford Sanitary Systems, Inc., Rockford, Illinois, and as noted on plans.

Separator Specifications: Furnish _____ Rockford Model **RLSW-**_____ all-welded 10 gauge steel separators _____" tapped inlet and outlet with tapped _____" internal vent connection, visible double-wall outside trap seal, easily removable stainless steel filter for cleaning, removable 3/16" nonskid diamond treadplate cover(s) for flush-with-floor installation suitable for pedestrian traffic, sealed with heavy-duty leakproof gasket, secured with stainless steel flat head screws, OPEX® Shop Coat coating inside and bituminous coating outside for flush-with-floor installation.

Optional Features: OPEX® Shop Coat coating outside for on-the-floor installation, aluminum cover, anchor flange with or without clamping ring, integral extension to grade, epoxy coating, all stainless steel construction, double-wall construction. Cover(s) fastened with stainless steel vandal-proof bolts. Contact our Engineering Department.



Specification Drawings – Lint Separator – For 4" Inlet/Outlet



Specifications: Rockford Model **RLS-** _____ all-welded 1/4" A36 steel separator, _____ gallon static holding capacity, _____" tapped inlet/outlet with _____" tapped vent connection, visible double-wall outside trap seal, removable 3/8" nonskid diamond treadplate cover(s) for flush-with-floor installation suitable for pedestrian traffic secured with stainless steel flat head screws, heavy-duty leakproof gasket, easily removable filters for cleaning, OPEX® Shop Coat coating inside and bituminous coating outside.

Optional Features (Additional Cost):

- Anchor Flange
- Aluminum Cover(s)
- Recessed Lift Handles in Cover(s)
- Epoxy Coating
- Anodes
- Reinforced Cover(s) _____ Load
- Stainless Steel Construction
- Integral Extension _____ Inches
- Double-wall Construction
- Leak Detection

Quote # _____

Job Name _____

Approved by _____

Company _____

Date _____

OVERVIEW

GREASE SEPARATORS

GREASE INTERCEPTORS

GREASE AUTOMATIC SERIES

OIL SEPARATORS

FUEL INTERCEPTORS

LINT SEPARATORS

SAND/ SEDIMENT

DRAINS

BASINS

REPLACEMENT PARTS

OVERVIEW

GREASE SEPARATORS

GREASE INTERCEPTORS

GREASE AUTOMATIC SERIES

OIL SEPARATORS

FUEL INTERCEPTORS

LINT SEPARATORS

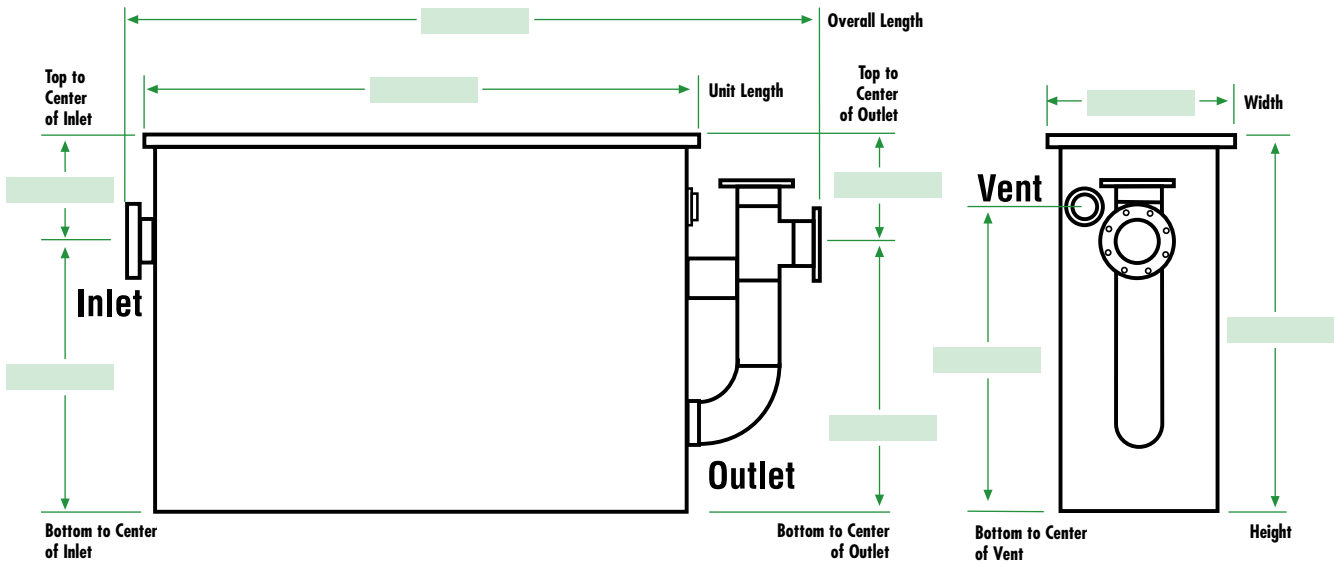
SAND/ SEDIMENT

DRAINS

BASINS

REPLACEMENT PARTS

Specification Drawings – Lint Separator – For 6" Inlet/Outlet and Above



NOTE: 6.00" Inlet/Outlet and Larger are Companion Flange Connections.

Specifications: Rockford Model RLS- _____ all-welded 1/4" A36 steel separator, _____ gallon static holding capacity, _____" companion flanged inlet/outlet with _____" tapped vent connection, visible double-wall outside trap seal, removable 3/8" nonskid diamond treadplate cover(s) for flush-with-floor installation suitable for pedestrian traffic secured with stainless steel flat head screws, heavy-duty leakproof gasket, easily removable filters for cleaning, OPEX® Shop Coat coating inside and bituminous coating outside.

Optional Features (Additional Cost):

- Anchor Flange
- Aluminum Cover(s)
- Recessed Lift Handles in Cover(s)
- Epoxy Coating
- Anodes
- Reinforced Cover(s) _____ Load
- Stainless Steel Construction
- Integral Extension _____ Inches
- Double-wall Construction
- Leak Detection

Quote # _____

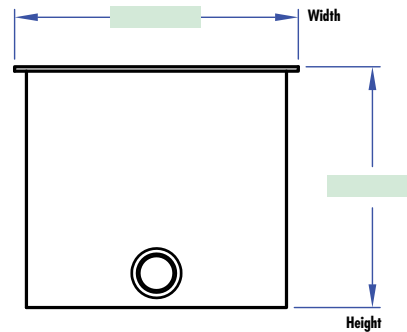
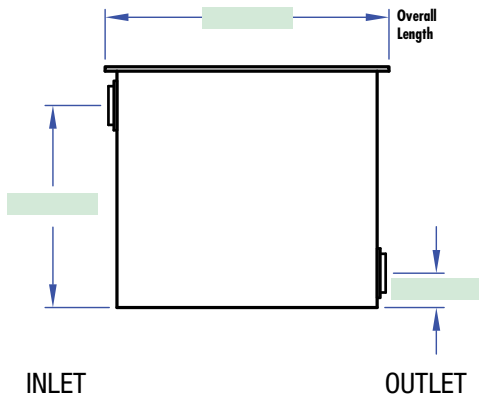
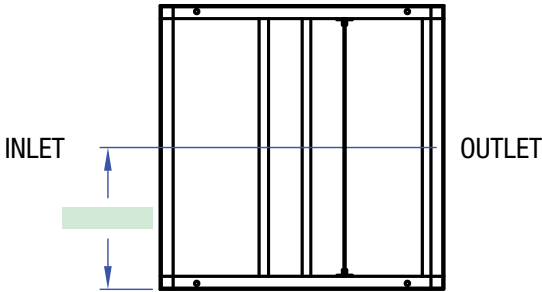
Job Name _____

Approved by _____

Company _____

Date _____

Specification Drawings – Lint Separator – For 6" Inlet/Outlet and Above



Specifications: Rockford Model **RLSW-** [] all-welded 10 gauge steel separator, with [] " tapped inlet/outlet, easily removable filter for cleaning, removable 3/16 " nonskid diamond treadplate cover for flush-with-floor installation suitable for pedestrian traffic secured with stainless flat head screws, heavy duty leak-proof gasket, enamel coating inside and outside.

Optional Features (Additional Cost):

- Anchor Flange
- Clamp Ring
- Recessed Lift Handles in Covers
- Epoxy Coating
- Anodes
- Reinforced Cover
- Stainless Steel Construction
- Integral Extension _____ Inches
- Aluminum Cover

Quote # _____

Job Name _____

Approved by _____

Company _____

Date _____

OVERVIEW

GREASE
SEPARATORS

GREASE
INTERCEPTORS

GREASE
AUTOMATIC
SERIES

OIL
SEPARATORS

FUEL
INTERCEPTORS

LINT
SEPARATORS

SAND/
SEDIMENT

DRAINS

BASINS

REPLACEMENT
PARTS

OVERVIEW

For use in mechanical washing facilities for cars, trucks, buses, tractors, and other vehicles. For inside or outside installation, to receive sand, gravel, and similar matter as well as any oil and greasy waste contained therein. There is no straight in-and-out travel of waste water.

GREASE SEPARATORS

DESIGN

The **GSS Series** Separator is designed for the specific purpose of retaining and separating sand, gravel and similar waste material, in addition to any oily or greasy wastes contained therein. This is accomplished through the characteristic features of minimum turbulence, maximum length of water travel, and internal flow regulation through its screens.

The Rockford design utilizes the principle of nature's own law of gravity in separating lighter-than-water waste, retaining both in the separator. Light oily and greasy waste matter rises to the surface, while the heavy solids and sand sink to the bottom (refer to cut-open view below). Mechanical pumping is the customary method of cleaning out the accumulated waste matter.

GREASE INTERCEPTORS

GREASE AUTOMATIC SERIES

OIL SEPARATORS

CONSTRUCTION

Built of all-welded 1/4" heavy-duty steel plate for strength and durability. Removable covers constructed of 3/8" nonskid diamond pattern treadplate for flush-with-floor installation suitable for pedestrian traffic and secured to body of unit with recessed stainless steel bolts. (Covers can be reinforced for installation in an area subject to vehicular traffic.)

Extra-heavy leakproof and airtight gasket. Standard tapped inlet and outlet. Four independent internal vent connections to prevent pressure build-up and to release fumes of spilled gasoline, solvents, etc., which are major fire hazards.

FUEL INTERCEPTORS

LINT SEPARATORS

Protective seal outlet acceptable to all plumbing codes. Finished with oil/acid-resistant coating inside and outside.

All units are available in double-wall construction with leak detection if specified.

SAND/ SEDIMENT

DRAINS

BASINS

REPLACEMENT PARTS

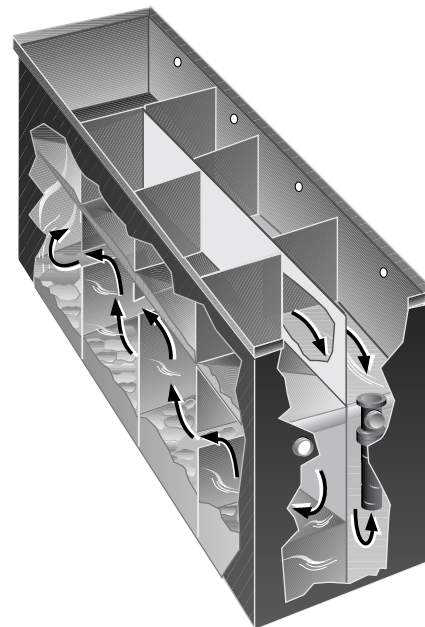
COR-TEN® INFORMATION

Cor-Ten® high-strength, low carbon steel with its high strength and outstanding resistance to atmospheric corrosion is available where maintenance cost savings are prime considerations. Even in an unpainted condition, Cor-Ten® has a tightly adherent oxide surface which stops further oxidation. Painted or coated, this characteristic is further enhanced. The reliability and strength of this material has been proven in many applications, such as railroad cars, bridges and two of the tallest buildings in the world: the John Hancock Building and the Sears Tower in Chicago.

METHOD OF OPERATION

The flow of waste water through the separator is controlled by ingeniously spaced stationary baffles which divide the separator into compartments of varying sizes, as shown in the cut-open view below.

From the inlet, the waste water is directed upward and downward through the openings at varied positions in the strategically placed separating baffles on the inlet side of the separator. Then it is guided in a flow across the large end compartment. When it reaches the outlet of the unit, it is again directed in an upward and downward movement through a second series of separating baffles. Its final course is downward through the flow control filter screen and then upward through the outlet to the drainage system.



Sediment Separators

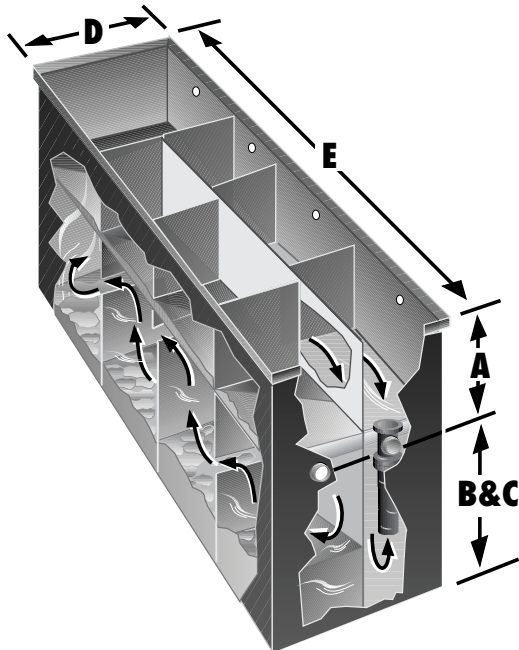
Model	Tapped Inlet and Outlet	Static Holding Capacity		Top to Invert of Outlet A	Bottom to Invert of Inlet & Outlet B & C	Width D	Length E	Vent+	Shipping Weight
		Gallons	Cubic Feet						
GSS-10	4"	250gal.	33cu.ft.	2'0"	3'0"	3'0"	4'4"	2"	1,609lb.
GSS-12	4"	365gal.	49cu.ft.	2'0"	3'0"	3'0"	5'6"	2"	1,650lb.
GSS-18	4"	405gal.	54cu.ft.	2'0"	3'0"	3'0"	6'0"	2"	1,775lb.
GSS-24	4"	540gal.	72cu.ft.	2'0"	3'0"	3'0"	8'0"	2"	2,150lb.
GSS-27	4"	608gal.	81cu.ft.	2'0"	3'0"	3'0"	9'0"	2"	2,550lb.
GSS-30	4"	675gal.	90cu.ft.	2'0"	3'0"	3'0"	10'0"	2"	2,700lb.
GSS-36	4"*	810gal.	108cu.ft.	2'0"	3'0"	3'0"	12'0"	2"	3,000lb.
GSS-45	4"*	1,012gal.	135cu.ft.	2'0"	3'0"	3'0"	15'0"	2"	3,650lb.

Larger Units Available.

Job Specification: Sediment separators shall be Rockford Commercial Separators as manufactured by Rockford Sanitary Systems, Rockford, Illinois, and as noted on plans.

Separator Specifications: Furnish _____ Rockford Model **GSS-**_____ all-welded steel separators for flush-with-floor installation, _____ cu. ft. static holding capacity below invert of outlet, 4" tapped inlet and outlet, four (4) 2" tapped internal vent connections, easily removable filter screen, removable 3/8" nonskid diamond treadplate cover(s) suitable for pedestrian traffic, secured with stainless steel flat head screws, extra-heavy leakproof and airtight gasket, OPEX® Shop Coat coating inside, bituminous coating outside.

Optional Features: Separator cover(s) can be reinforced for installation in an area subject to vehicular traffic



- * Available with 6" inlet and outlet.
- + Four internal vent connections are 12" C/L below cover.
- Inlet and Outlet on opposite ends available.

Double-wall construction available.

Larger Units Available.
Call for specifications.

OVERVIEW

GREASE SEPARATORS

GREASE INTERCEPTORS

GREASE AUTOMATIC SERIES

OIL SEPARATORS

FUEL INTERCEPTORS

LINT SEPARATORS

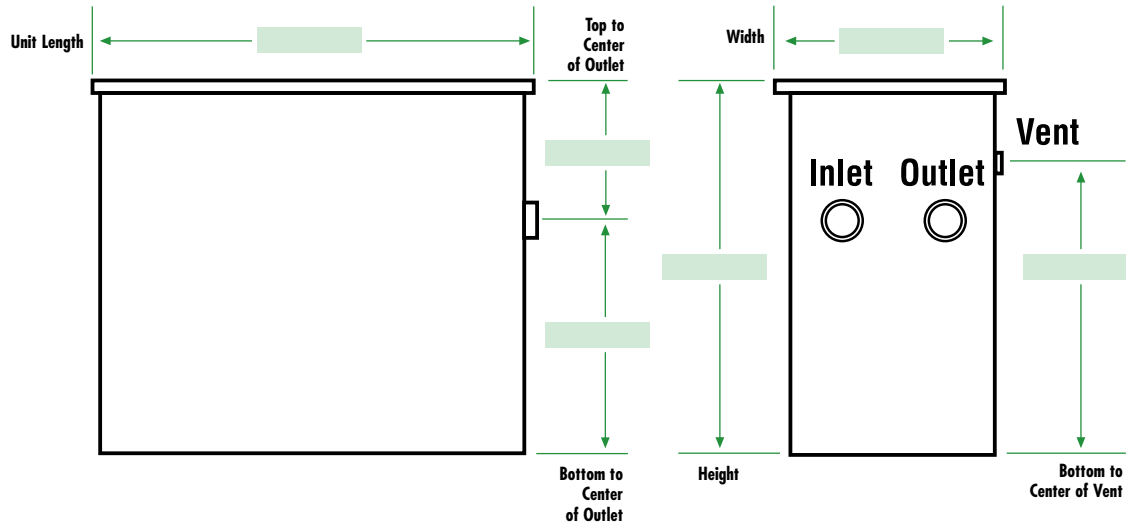
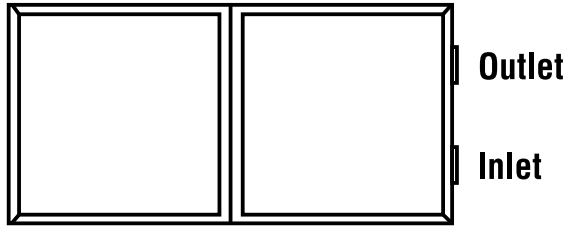
SAND/ SEDIMENT

DRAINS

BASINS

REPLACEMENT PARTS

Vents (4 places)



Specifications: Rockford Model GSS- _____ all-welded 1/4" steel separator, _____ gallon static holding capacity, with 4" tapped inlet/outlet and four (4) 2" tapped vent connections, easily removable filter screen, removable 3/8" nonskid diamond treadplate cover(s) for flush-with-floor installation suitable for pedestrian traffic secured with stainless steel flat head screws, heavy-duty leakproof gasket, OPEX® Shop Coat coating inside and bituminous coating outside.

Optional Features (Additional Cost):

- Anchor Flange
- Clamp Ring
- Recessed Lift Handles in Cover(s)
- Epoxy Coating
- Anodes
- Reinforced Cover(s) _____ Load
- Alternate Inlet/Outlet Size _____
- Stainless Steel Construction
- Sediment Basket
- Integral Extension _____ Inches
- Aluminum Cover(s)
- Double-wall Construction
- Leak Detection

Quote # _____

Job Name _____

Approved by _____

Company _____

Date _____

Rockford Drains prevent any off-the-floor sediment, solids, or other foreign waste matter from entering the drainage system. Features include heavy-duty inlet grate, integral deep seal trap, sediment pan.

OPERATION

The course of water travel in cut-open view. Arrows designate course from inlet grate **A** into sediment and mud pan **B**, under and through separator screen and flow-regulator filter screen **C**, to outlet. Also note separation and retention, through gravity action, of heavy sludge in sediment pan. A seal against foul odors is formed by the water in the sediment pan **B**.

RELATED INSTALLATIONS

For complete protection of garage and similar types of floor drainage, other Rockford drainage units are recommended for use in conjunction with the SD Series.

Oil Separators: refer to **Page 53**.

Trench Drains: refer to **Page 87**.

CONSTRUCTION

The **SD Series** Separator-Drain is built of all-welded heavy steel for maximum structural strength and durability. It is enamel coated inside and asphalt coated outside for resistance to corrosion. Unit has removable heavy-duty, non-breakable steel inlet grate. The grate can also be furnished in stainless steel. Separator screen (U-shaped) and filter screen (V-shaped) regulate flow and filter the waste water. They lift out for easy cleaning of the separator-drain, as does the removable sediment and mud pan which traps heavy solids. Standard tapped outlet is separated from main body of unit, providing an outside, visible trap seal. Independent internal vent connection releases trapped fumes.

COR-TEN® INFORMATION

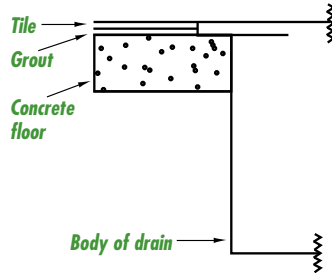
Cor-Ten® high-strength, low carbon steel with its high strength and outstanding resistance to atmospheric corrosion is available where maintenance cost savings are prime considerations. Even in an unpainted condition, Cor-Ten® has a tightly adherent oxide surface which stops further oxidation. Painted or coated, this characteristic is further enhanced. The reliability and strength of this material has been proven in many applications, such as railroad cars, bridges and two of the tallest buildings in the world: the John Hancock Building and the Sears Tower in Chicago.

DESIGN

The **SD Series** Separator-Drain for garage and industrial floor drainage is designed to retain mud, sediment, and greasy sludge or so-called solids in its sediment pan and sludge compartment. In addition, it separates and retains greasy and oily wastes, preventing their evacuation into the drainage lines where they cause blocking and stoppages. Another exclusive feature is the automatic shut-off against incoming waste water when the holding capacity of the sediment and mud pan has been reached. The trap formed where the water passes into the lower section of the unit is the point where stoppage occurs until the drain has been cleaned.

Square corners make the **SD Series** separator-drain ideal for use with any type of tile, eliminating costly tile cutting required by old-fashioned round drains and assuring proper pitch for water run-off without unsightly puddles around the drain.

SD Separator-Drain installed in tiled floor

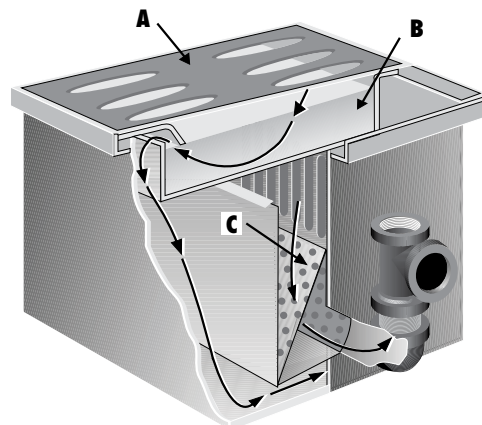


WHEN TO CLEAN THE DRAIN SD AND RSD Series:

When the holding capacity of the sediment and mud pan has been reached, it will stop entry of incoming waste water through the inlet grate. This is the signal that the separator drain needs cleaning. However, it is best not to wait until this happens. A gradual sluggishness in off-the-floor draining is a warning that the unit is ready for cleaning.

HOW TO CLEAN THE DRAIN

1. Remove the inlet grate.
2. Remove sediment and mud pan, and clean it.
3. Lift out V-shaped filter screen and U-shaped separator screen.
4. Scoop out heavy sludge from bottom of unit.
5. Replace U-screen, sediment and mud pan, and inlet grate.



Combination Separator-Drains

Model	Greasy Sludge Capacity	Liquid Holding Capacity	Tapped* Outlet	Tapped Internal Rear Vent	Top to Center of Outlet A	Bottom to Center of Outlet B	Height C	Width of Drain D	Length E	Overall Width F	Top to Rear Vent	Open Grate* Area	Number of Inlet Grates	Sediment Pans	Shipping Weight
SD-18	12lb.	3.5gal.	2"	-	4.5"	10.5"	15"	10"	12"	14"	-	16sq.in.	1	1	67lb.
SD-20	23lb.	6.5gal.	3"	-	7.5"	12.5"	20"	14"	16"	24"	-	20sq.in.	1	1	116lb.
SD-25	77lb.	22gal.	4"	2"	7.625"	17.625"	25.25"	19"	20.5"	27"	6"	22sq.in.	1	1	305lb.
SD-30	105lb.	30gal.	4"	2"	10"	23"	33"	19"	20.5"	27"	6"	22sq.in.	1	1	339lb.
SD-40	193lb.	55gal.	4"	2"	10"	22"	32"	22.5"	30"	30.5"	6"	32sq.in.	1	1	457lb.
SD-48	350lb.	100gal.	4"	2"	10"	22"	32"	30"	44.625"	38"	6"	64sq.in.	2	2	743lb.
SD-60	438lb.	125gal.	• 6"	3"	11"	27"	38"	22.5"	60.5"	34.5"	8"	64sq.in.	2	2	882lb.
SD-72	665lb.	190gal.	• 6"	3"	11"	27"	38"	30"	66.75"	42"	8"	70sq.in.	3	2	1,091lb.
SD-84	910lb.	260gal.	• 6"	3"	11"	27"	38"	30"	88.75"	42"	8"	100sq.in.	4	2	1,383lb.
SD-96	1,155lb.	330gal.	• 6"	3"	15"	29"	44"	30"	111"	42"	9"	120sq.in.	5	2	1,695lb.

Job Specification: Drains shall be Rockford Combination Separator-Drains, as manufactured by Rockford Sanitary Systems, Inc., Rockford, Illinois, and as noted on plans.

Separator-Drain Specifications: Furnish _____ Rockford Model **SD-**_____ all-welded steel combination separator-drains, _____" (tapped) (hubbed) outlet with outlet vent connection, _____" internal rear vent connection, visible double-wall outside trap seal, (easily removable) (tamper-proof) non-breakable inlet grate of (steel) (polished brass) with slotted inlet grate openings, grate suitable for _____ (specify pedestrian traffic or reinforced for heavy vehicular traffic), removable sediment and mud pan, separator screen, and filter screen, OPEX® Shop Coat coating inside, bituminous coating outside.

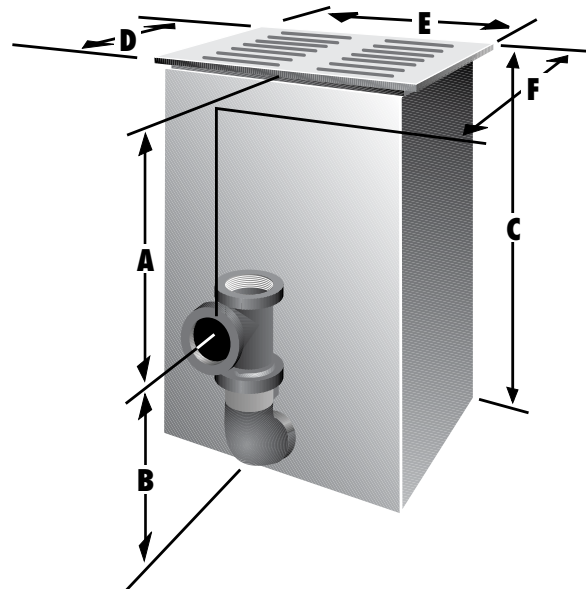
Optional Features: Inlet grate of stainless steel, concrete anchor flange with or without non-puncturing clamping ring, weep holes. Epoxy coated. Circular inlet grate openings. Integral extensions available.

Note for Grates: All standard grates are made with ASTM A242 material. A) Stock grates rated at 500# wheel load. B) Light traffic rated at 1000# wheel load (H-10). C) Heavy traffic rated at 16,000# wheel load (H-20).

HOW TO ORDER

When an extension is needed to meet deep roughing-in of the outlet, select the separator drain of the right size and capacity from the table. Then determine required dimension **A** from center of outlet to top of inlet grate.

Dimension **A** is variable and can be specified to a fraction of an inch; integral extensions in 6-inch increments indicate price breaks. Dimension **A** plus dimension **B** is the overall height of separator drain **C**.



Trench Drains – For Interior or Exterior Off-the-floor Drainage

ADVANTAGES

Single-unit construction eliminates three problems usually encountered with frame-type drains that are bolted together: leaks caused by vibration and traffic, possible infiltration of waste water into surrounding areas, and misalignment. In addition, when the anchor flange encircling the body of the drain is embedded in concrete, the unit becomes an integral part of the floor.

Because the bottom of the drain is prepitched, installation costs are substantially reduced. If the area is to be tiled, there are further savings because the straight edges of the Trench Drain eliminate special shaping and cutting of tiles.

CONSTRUCTION

The one-piece body of the heavy-duty GTD Series Trench Drain is constructed of all-welded 1/4" heavy-duty steel plate and the medium-duty RTD Series Trench Drain is constructed of all-welded 1/8" heavy-duty steel plate for maximum strength and durability. OPEX® acid-resistant coating inside and outside to protect against corrosion. Standard tapped outlet has removable gravel strainer.

COR-TEN® INFORMATION

Cor-Ten® high-strength, low carbon steel with its high strength and outstanding resistance to atmospheric corrosion is available where maintenance cost savings are prime considerations. Even in an unpainted condition, Cor-Ten® has a tightly adherent oxide surface which stops further oxidation. Painted or coated, this characteristic is further enhanced. The reliability and strength of this material has been proven in many

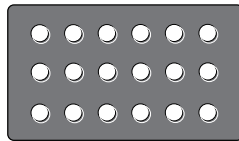
applications, such as railroad cars, bridges and two of the tallest buildings in the world: the John Hancock Building and the Sears Tower in Chicago.

COVER GRATES

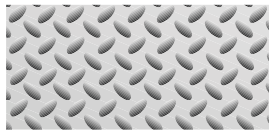
The sectional cover grates are built of premium, high-strength, non-breakable steel for long life and high resistance to atmospheric corrosion.

Various types of cover grates are available in addition to the heavy-duty steel grates. Stainless steel is recommended for use in hospitals, laboratories, and similar installations. Nonskid diamond pattern grates are also available. All cover grates can be furnished in vandal- and tamper-proof designs.

Cover grate with circular openings



Nonskid diamond pattern treadplate

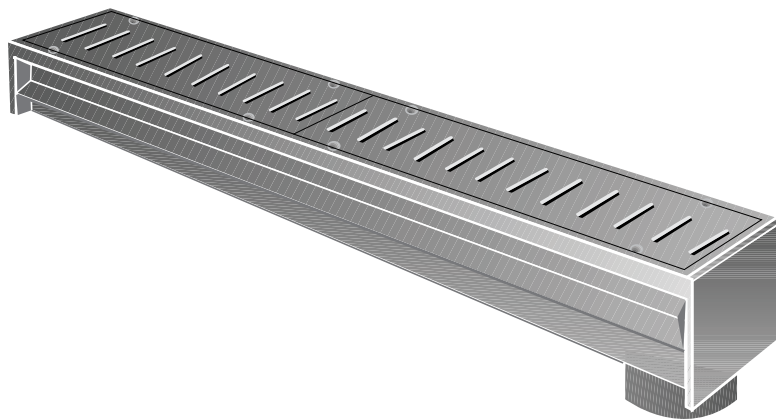


Grate openings shall be equal to 2 1/2 times the pipe to which the drain is connected. Example: 6" pipe has an open area = to 28.8 sq. inches – grate must have 72 sq. inches of open area.

Choices of grate openings include 3/8" x 3" slots, 3/8" or larger circular openings, or 1/4" circular openings for safety concerning small-heeled shoes. The standard length of each grate is 2 feet; however, if a special size drain is ordered, the length of one cover

grate will be adjusted accordingly.

For hospitals, laboratories, and similar jobs, the entire drain can be ordered in stainless steel, or the standard drain can be ordered with stainless steel cover grates.



OVERVIEW

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GREASE INTERCEPTORS

GREASE AUTOMATIC SERIES

OIL SEPARATORS

FUEL INTERCEPTORS

LINT SEPARATORS

SAND/ SEDIMENT

DRAINS

BASINS

REPLACEMENT PARTS

Medium-Duty Trench Drains

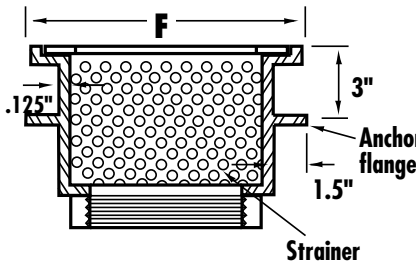
Model	Tapped or Spigot Outlet	A	B	C	D	E	F	Length Per Section	Pattern*	Shipping Weight
RTD-10	2", 3", or 4"	Customer Specification	5"	Dimension "B" plus 1/4" per ft. of Dimension "A"	6.5" on 90° elbow spigot	5.5" on short spigot;	7.75"	2'0"	3/8" x 3" slots, or 3/8" and larger circular openings, or nonskid diamond pattern treadplate	Varies from 25 to 40lb. per ft. depending on length of drain and type of grates
RTD-20	2", 3", or 4"	Customer Specification	5"		11.5" on long spigot	12.5"				

Job Specification: Drains shall be Rockford Trench Drains, as manufactured by Rockford Sanitary Systems, Inc., Rockford, Illinois, and as noted on plans.

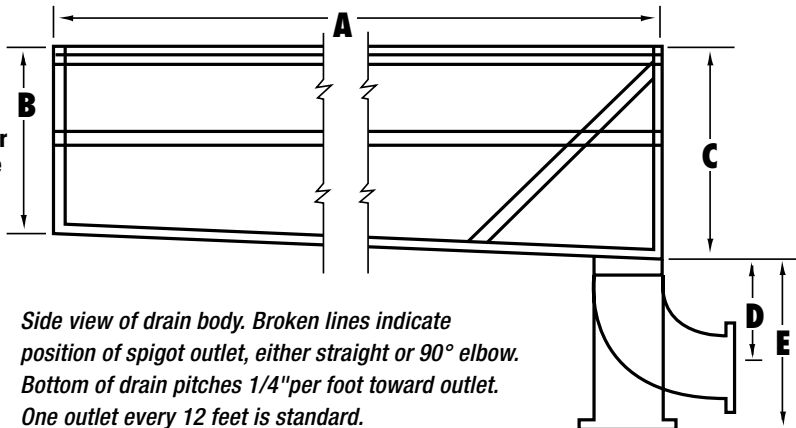
Drain Specifications: Furnish _____ Rockford Model RTD-_____ Trench Drains of all-welded 1/8" carbon steel. Body to be of one-piece construction _____' _____" long with _____" (specify 2", 3", or 4" tapped or spigot) outlet connection with loose-set gravel strainer. Easily removable, 2-foot sectional cover grates made of Cor-Ten® steel with 3/8" X 3" slots. Anchor flange. OPEX® Shop Coat coating inside, bituminous coating outside.

Optional Features: Sanitary stainless steel body, stainless steel grates, additional outlets, diamond treadplate, 1/4" or 3/8" circular openings in grate, tamper-proof grates, flashing clamping ring.

- Specify outlets required, length of run, trench size.



End view of drain body at outlet. Note gravel strainer over outlet opening. Tapped outlet connection illustrated.



Side view of drain body. Broken lines indicate position of spigot outlet, either straight or 90° elbow. Bottom of drain pitches 1/4" per foot toward outlet. One outlet every 12 feet is standard.

* Any combination of these patterns may be ordered in a single drain.

Important:
Specify type and pattern of cover grates and desired outlet.
Also specify number of outlets required.

Specially made.
Contact Engineering.

APPLICATIONS

Interior or exterior medium-duty off-the-floor drainage for use in:

- Auto Service Stations
- Building Entrances
- Driveway Ramps
- Dry Cleaning Plants
- Exhibition halls
- Industrial floor drainage
- Institutional kitchens
- Laboratories
- Laundries
- Loading docks
- Packing houses
- Refineries
- Other Installations Requiring Perimeter Drainage

Heavy-Duty Trench Drains

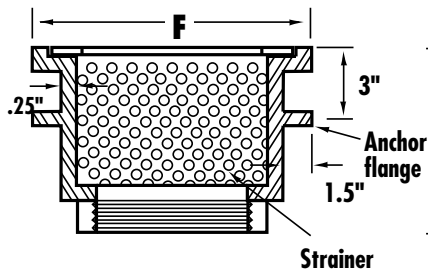
Model	Tapped or Spigot Outlet	A	B	C	D	E	F	Length Per Section	Pattern*	Shipping Weight
GTD-10	2", 3", or 4"	Customer Specification	5"	Dimension "B" plus 1/4" per ft. of Dimension "A"	6.5" on 90° elbow spigot	5.5" on short spigot;	7.75"	2'0"	3/8" x 3" slots, or 3/8" and larger circular openings, or nonskid diamond pattern treadplate	Varies from 25 to 40lb. per ft. depending on length of drain and type of grates
GTD-20	2", 3", or 4"	Customer Specification	5"		11.5" on long spigot	12.5"	2'0"			

Job Specification: Drains shall be Rockford Trench Drains, as manufactured by Rockford Sanitary Systems, Inc., Rockford, Illinois, and as noted on plans.

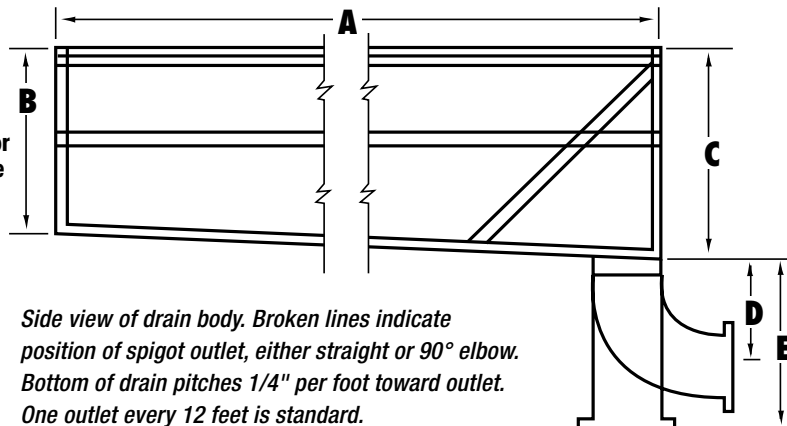
Drain Specifications: Furnish _____ Rockford Model **GTD-**_____ Trench Drains of all-welded 1/4" high-strength, Cor-Ten® steel. Body to be of one-piece construction _____' _____" long with _____" (specify 2", 3", or 4" tapped or spigot) outlet connection with loose-set gravel strainer. Easily removable, 2-foot sectional cover grates made of Cor-Ten® steel with 3/8" X 3" slots. Anchor flange. OPEX® Shop Coat coating inside, bituminous coating outside.

Optional Features: Sanitary stainless steel body, stainless steel grates, additional outlets, diamond treadplate, 1/4" or 3/8" circular openings in grate, tamper-proof grates, flashing clamping ring.

- Specify outlets required, length of run, trench size.



End view of drain body at outlet. Note gravel strainer over outlet opening. Tapped outlet connection illustrated.



Side view of drain body. Broken lines indicate position of spigot outlet, either straight or 90° elbow. Bottom of drain pitches 1/4" per foot toward outlet. One outlet every 12 feet is standard.

APPLICATIONS

Interior or exterior heavy-duty off-the-floor drainage for use in:

- Aircraft Hangars
- Auto and Truck Garages
- Auto Service Stations
- Building Entrances
- Driveway Ramps
- Dry Cleaning Plants
- Exhibition Halls
- Industrial Floor Drainage
- Institutional Kitchens
- Laboratories
- Laundries
- Loading Docks
- Packing Houses
- Refineries
- Other Installations Requiring Perimeter Drainage

* Any combination of these patterns may be ordered in a single drain.

Important: Specify type and pattern of cover grates and desired outlet. Also specify number of outlets required.

Specially made. Contact Engineering.

OVERVIEW

Catch Basin/Sand Interceptor

GREASE SEPARATORS

GREASE INTERCEPTORS

GREASE AUTOMATIC SERIES

OIL SEPARATORS

FUEL INTERCEPTORS

LINT SEPARATORS

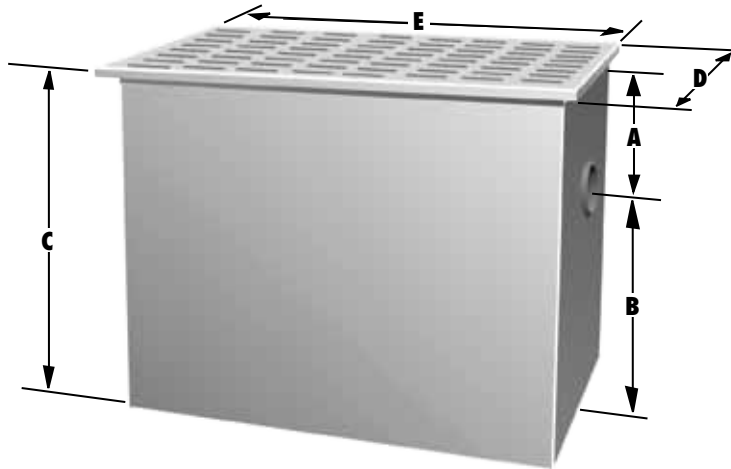
SAND/ SEDIMENT

DRAINS

BASINS

REPLACEMENT PARTS

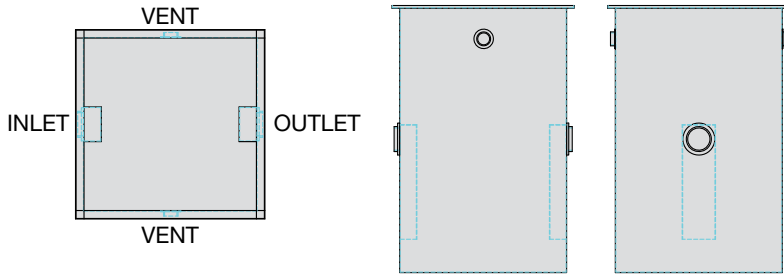
Model	SHC Gallons	Inlet/Outlet Size	(A) Top To Center	(B) Bottom To Center	C Height	D Width	E Length	Number of Grates	Shipping Weight
RCB-20	20gal.	4"	12"	26"	38"	12.5"	24.5"	1	220lb.
RCB-60	60gal.	4"	12"	26"	38"	24.5"	24.5"	2	357lb.
RCB-120	120gal.	4"	12"	26"	38"	24.5"	48.5"	4	523lb.
RCB-240	240gal.	4"	12"	38"	50"	36.5"	48.5"	6	944lb.
RCB-360	360gal.	4"	12"	38"	50"	48.5"	48.5"	8	1110lb.
RCB-540	540gal.	6"	12"	39"	51"	48.5"	72.5"	12	1542lb.
RCB-720	720gal.	6"	12"	42"	54"	48.5"	96.5"	16	1978lb.
RCB-840	840gal.	6"	12"	51"	63"	48.5"	96.5"	16	2167b.
RCB-1080	1080gal.	6"	12"	51"	63"	48.5"	108.5"	18	2383lb.
RCB-1200	1200gal.	6"	12"	51"	63"	48.5"	120.5"	20	2591lb.



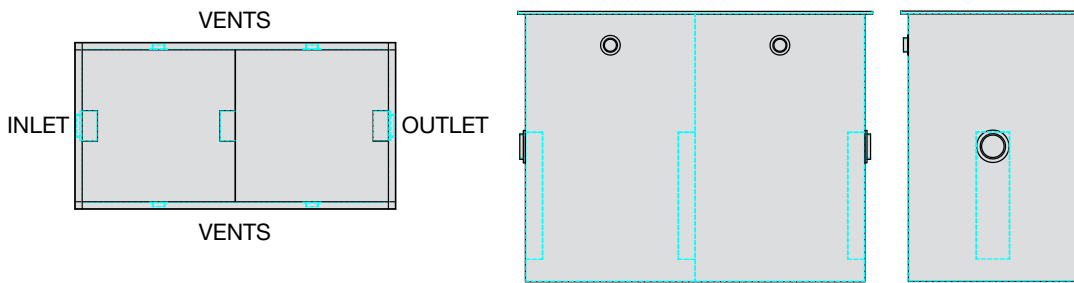
Drain Specifications: Furnish _____ Rockford Model **RCB-**_____ catch basin/sand interceptor, all welded steel construction, _____ gallon static holding capacity, _____" threaded inlet/outlet connections with internal outlet trap seal, furnished standard with loose set .38" x 3.00" slotted grate for flush with floor installation suitable for pedestrian traffic, OPEX SHOP COAT coating inside and bituminous coating outside.

Optional Features: Solid tread-plate cover, Integral extension, anchor flange with or with out clamping ring, epoxy coating, all stainless steel construction, top reinforced for heavy traffic.

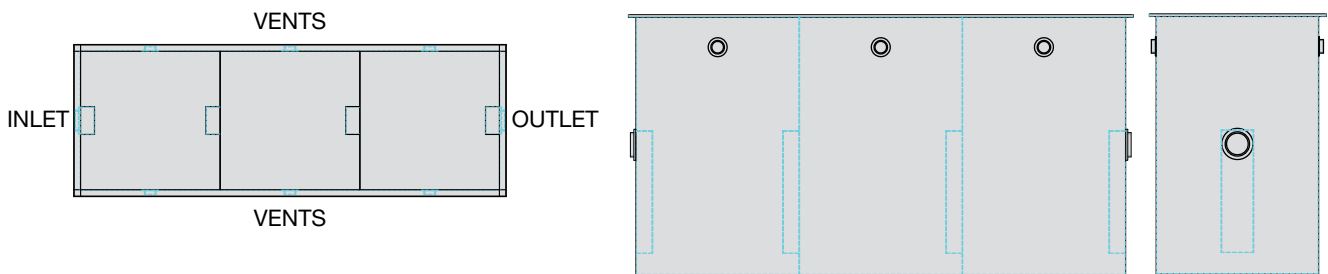
Single Basins



Double Basins



Triple Basins



ALL RSS BASIN SERIES: POA

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GREASE AUTOMATIC SERIES

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REPLACEMENT PARTS

RSSTB Series 18" Triple Basins

RSSTB Series 24" Triple Basins

RSSTB Series 30" Triple Basins

Model	Capacity per 18" Basin/Total	Model	Capacity per 24" Basin/Total	Model	Capacity per 30" Basin/Total
RSSTB-18 X 030	42 / 126	RSSTB-24 X 030	74 / 222	RSSTB-30 X 030	116 / 348
RSSTB-18 X 036	50 / 150	RSSTB-24 X 036	89 / 267	RSSTB-30 X 036	140 / 420
RSSTB-18 X 042	58 / 175	RSSTB-24 X 042	104 / 314	RSSTB-30 X 042	163 / 489
RSSTB-18 X 048	67 / 200	RSSTB-24 X 048	120 / 360	RSSTB-30 X 048	187 / 560
RSSTB-18 X 054	75 / 225	RSSTB-24 X 054	135 / 405	RSSTB-30 X 054	210 / 630
RSSTB-18 X 060	84 / 252	RSSTB-24 X 060	150 / 450	RSSTB-30 X 060	233 / 700
RSSTB-18 X 066	92 / 276	RSSTB-24 X 066	165 / 495	RSSTB-30 X 066	257 / 771
RSSTB-18 X 072	100 / 300	RSSTB-24 X 072	180 / 540	RSSTB-30 X 072	280 / 840
RSSTB-18 X 078	109 / 327	RSSTB-24 X 078	195 / 585	RSSTB-30 X 078	303 / 909
RSSTB-18 X 084	117 / 351	RSSTB-24 X 084	210 / 630	RSSTB-30 X 084	327 / 981
RSSTB-18 X 090	126 / 378	RSSTB-24 X 090	225 / 675	RSSTB-30 X 090	350 / 1050
RSSTB-18 X 096	134 / 402	RSSTB-24 X 096	240 / 720	RSSTB-30 X 096	374 / 1122
RSSTB-18 X 102	143 / 429	RSSTB-24 X 102	255 / 765	RSSTB-30 X 102	397 / 1191
RSSTB-18 X 108	151 / 453	RSSTB-24 X 108	270 / 810	RSSTB-30 X 108	420 / 1260
RSSTB-18 X 114	160 / 480	RSSTB-24 X 114	285 / 855	RSSTB-30 X 114	444 / 1332
RSSTB-18 X 120	168 / 504	RSSTB-24 X 120	300 / 900	RSSTB-30 X 120	467 / 1400
RSSTB-18 X 126	176 / 528	RSSTB-24 X 126	315 / 945	RSSTB-30 X 126	490 / 1470
RSSTB-18 X 132	185 / 555	RSSTB-24 X 132	330 / 990	RSSTB-30 X 132	514 / 1542
RSSTB-18 X 138	193 / 579	RSSTB-24 X 138	345 / 1035	RSSTB-30 X 138	537 / 1611
RSSTB-18 X 144	200 / 600	RSSTB-24 X 144	360 / 1080	RSSTB-30 X 144	561 / 1683

Specifications: Furnish _____ Rockford Model **RSSTB-**_____ all welded steel triple basin, _____ gallon static capacity total (_____ per basin), 4.00" tapped inlet and outlet connection, 2.00" tapped vent connections (6 total – 2 per basin), gas tight gasketed steel cover secured with stainless steel flat head screws. Opex shop coat coating inside and bituminous coated outside.
Triple Garage Options 24": 3/8 tread plate steel cover, reinforced cover, epoxy coating, double wall construction, anodes, no hub connections.

RSSTB Series 36" Triple Basins

RSSTB Series 42" Triple Basins

RSSTB Series 48" Triple Basins

Model	Capacity per 36" Basin/Total	Model	Capacity per 42" Basin/Total	Model	Capacity per 48" Basin/Total
RSSTB-36 X 030	168 / 504	RSSTB-42 X 036	275 / 825	RSSTB-48 X 036	360 / 1080
RSSTB-36 X 036	202 / 606	RSSTB-42 X 042	320 / 960	RSSTB-48 X 042	420 / 1260
RSSTB-36 X 042	235 / 705	RSSTB-42 X 048	366 / 1098	RSSTB-48 X 048	480 / 1440
RSSTB-36 X 048	270 / 810	RSSTB-42 X 054	412 / 1236	RSSTB-48 X 054	540 / 1620
RSSTB-36 X 054	302 / 906	RSSTB-42 X 060	458 / 1374	RSSTB-48 X 060	600 / 1800
RSSTB-36 X 060	336 / 1008	RSSTB-42 X 066	504 / 1512	RSSTB-48 X 066	660 / 1980
RSSTB-36 X 066	370 / 1110	RSSTB-42 X 072	550 / 1650	RSSTB-48 X 072	720 / 2160
RSSTB-36 X 072	403 / 1209	RSSTB-42 X 078	595 / 1785	RSSTB-48 X 078	780 / 2340
RSSTB-36 X 078	437 / 1311	RSSTB-42 X 084	641 / 1923	RSSTB-48 X 084	840 / 2520
RSSTB-36 X 084	471 / 1413	RSSTB-42 X 090	687 / 2061	RSSTB-48 X 090	900 / 2700
RSSTB-36 X 090	505 / 1515	RSSTB-42 X 096	733 / 2199	RSSTB-48 X 096	960 / 2880
RSSTB-36 X 096	538 / 1614	RSSTB-42 X 102	778 / 2334	RSSTB-48 X 102	1020 / 3060
RSSTB-36 X 102	572 / 1716	RSSTB-42 X 108	824 / 2472	RSSTB-48 X 108	1080 / 3240
RSSTB-36 X 108	605 / 1815	RSSTB-42 X 114	870 / 2610	RSSTB-48 X 114	1140 / 3420
RSSTB-36 X 114	639 / 1917	RSSTB-42 X 120	916 / 2748	RSSTB-48 X 120	1200 / 3600
RSSTB-36 X 120	673 / 2019	RSSTB-42 X 126	962 / 2886	RSSTB-48 X 126	1260 / 3780
RSSTB-36 X 126	706 / 2118	RSSTB-42 X 132	1007 / 3021	RSSTB-48 X 132	1320 / 3960
RSSTB-36 X 132	740 / 2220	RSSTB-42 X 138	1053 / 3159	RSSTB-48 X 138	1380 / 4140
RSSTB-36 X 138	774 / 2322	RSSTB-42 X 144	1100 / 3300	RSSTB-48 X 144	1440 / 4320
RSSTB-36 X 144	807 / 2421				

Specifications: Furnish _____ Rockford Model **RSSTB-**_____ all welded steel triple basin, _____ gallon static capacity total (_____ per basin), 4.00" tapped inlet and outlet connection, 2.00" tapped vent connections (6 total – 2 per basin), gas tight gasketed steel cover secured with stainless steel flat head screws. Opex shop coat coating inside and bituminous coated outside.
Triple Garage Options 24": 3/8 tread plate steel cover, reinforced cover, epoxy coating, double wall construction, anodes, no hub connections.

OVERVIEW

GREASE SEPARATORS

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GREASE AUTOMATIC SERIES

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RSSTB Series 60" Triple Basins

RSSTB Series 72" Triple Basins

GREASE SEPARATORS

GREASE INTERCEPTORS

GREASE AUTOMATIC SERIES

OIL SEPARATORS

FUEL INTERCEPTORS

LINT SEPARATORS

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REPLACEMENT PARTS

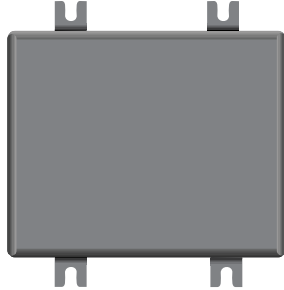
Model	Capacity per 60" Basin/Total	Model	Capacity per 72" Basin/Total
RSSTB-60 X 042	654 / 1962	RSSTB-72 X 060	1346 / 4038
RSSTB-60 X 048	748 / 2244	RSSTB-72 X 066	1481 / 4443
RSSTB-60 X 054	841 / 2523	RSSTB-72 X 072	1615 / 4845
RSSTB-60 X 060	935 / 2805	RSSTB-72 X 078	1750 / 5250
RSSTB-60 X 066	1028 / 3084	RSSTB-72 X 084	1885 / 5655
RSSTB-60 X 072	1122 / 3366	RSSTB-72 X 090	2019 / 6057
RSSTB-60 X 078	1215 / 3645	RSSTB-72 X 096	2154 / 6462
RSSTB-60 X 084	1309 / 3927	RSSTB-72 X 102	2289 / 6867
RSSTB-60 X 090	1402 / 4206	RSSTB-72 X 108	2423 / 7269
RSSTB-60 X 096	1496 / 4488	RSSTB-72 X 114	2554 / 7662
RSSTB-60 X 102	1589 / 4767	RSSTB-72 X 120	2693 / 8079
RSSTB-60 X 108	1683 / 5049	RSSTB-72 X 126	2827 / 8481
RSSTB-60 X 114	1776 / 5328	RSSTB-72 X 132	2962 / 8886
RSSTB-60 X 120	1870 / 5610	RSSTB-72 X 138	3096 / 9288
RSSTB-60 X 126	1963 / 5889	RSSTB-72 X 144	3231 / 9693
RSSTB-60 X 132	2057 / 6171		
RSSTB-60 X 138	2150 / 6450		
RSSTB-60 X 144	2244 / 6732		

Specifications: Furnish _____ Rockford Model **RSSTB-**_____ all welded steel triple basin, _____ gallon static capacity total (_____ per basin), 4.00" tapped inlet and outlet connection, 2.00" tapped vent connections (6 total – 2 per basin), gas tight gasketed steel cover secured with stainless steel flat head screws. Opex shop coat coating inside and bituminous coated outside. **Triple Garage Options 24":** 3/8 tread plate steel cover, reinforced cover, epoxy coating, double wall construction, anodes, no hub connections.

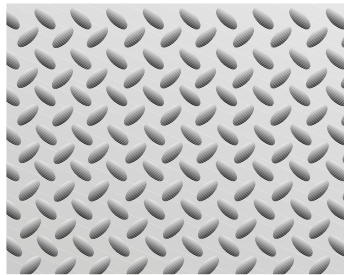
REPLACEMENT PARTS

Replacement parts are available for all models of Rockford Separators. When ordering, please give the model number on the name plate on the cover of the standard separator or the underside of the cover of the flush-with-floor unit. Replacement parts are essential to maximum operating efficiency.

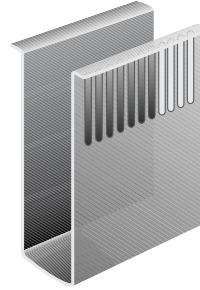
**Cover
(G Series)**



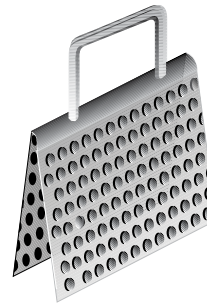
**Cover
(Flush-with-floor)
Recessed lift
handles available**



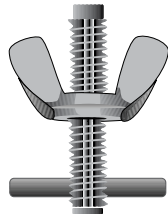
**Separator Screen
(U-shaped)**



**Filter Screen
(V-shaped)**



**Bolt Assembly
(G Series)**

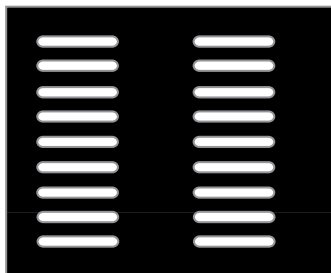


**Stainless Steel
Flat Head Bolt
(Flush-with-floor)**

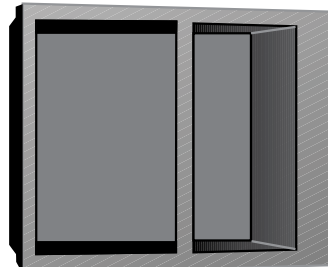


- Gasket
- Flow Control
- Cross Bar (RP only)
- Coalescing Pack
- Filter Screen with Media
- High Level Alarm
- Leak Detection Alarm
- * Outlet Fitting Kits (Cast Iron or PVC)

**Inlet Grate
(SO Series)**



**Sediment and
Mud Pan
(SO Series)**



OVERVIEW

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SAND/
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BASINS
REPLACEMENT PARTS

Miscellaneous Replacement Parts – Order Form

- | | |
|--|--|
| <input type="checkbox"/> _____ Flow Control (Pipe Size) GPM Required | <input type="checkbox"/> _____ 3" EL Cast Iron |
| <input type="checkbox"/> _____ Cross Bar (for Appropriate Unit) | <input type="checkbox"/> _____ 4" EL Cast Iron |
| <input type="checkbox"/> _____ 2" Spigot Adapters | <input type="checkbox"/> _____ 2" Tee Lo Cast Iron |
| <input type="checkbox"/> _____ 3" Spigot Adapters | <input type="checkbox"/> _____ 3" Tee Lo Cast Iron |
| <input type="checkbox"/> _____ 4" Spigot Adapters | <input type="checkbox"/> _____ 1-1/2" TY Cast Iron |
| <input type="checkbox"/> _____ 1-1/2" Steel Plugs | <input type="checkbox"/> _____ 2" TY Cast Iron |
| <input type="checkbox"/> _____ 2" Steel Plugs | <input type="checkbox"/> _____ 3" TY Cast Iron |
| <input type="checkbox"/> _____ 3" Steel Plugs | <input type="checkbox"/> _____ 4" TY Cast Iron |
| <input type="checkbox"/> _____ 4" Steel Plugs | <input type="checkbox"/> _____ 1-1/2" EL PVC |
| <input type="checkbox"/> _____ 2" Hub Adapters | <input type="checkbox"/> _____ 2" EL PVC |
| <input type="checkbox"/> _____ 3" Hub Adapters | <input type="checkbox"/> _____ 3" EL PVC |
| <input type="checkbox"/> _____ 4" Hub Adapters | <input type="checkbox"/> _____ 4" EL PVC |
| <input type="checkbox"/> _____ 1-1/2" Galvanized Close Nipples | <input type="checkbox"/> _____ 2" ST TEE PVC |
| <input type="checkbox"/> _____ 2" Galvanized Close Nipples | <input type="checkbox"/> _____ 3" ST TEE PVC |
| <input type="checkbox"/> _____ 3" Galvanized Close Nipples | <input type="checkbox"/> _____ 1-1/2" TY PVC |
| <input type="checkbox"/> _____ 4" Galvanized Close Nipples | <input type="checkbox"/> _____ 2" TY PVC |
| <input type="checkbox"/> _____ 1/2" x 3/4" Gasket | <input type="checkbox"/> _____ 3" TY PVC |
| <input type="checkbox"/> _____ 3/8" x 1-1/4" Gasket | <input type="checkbox"/> _____ 4" TY PVC |
| <input type="checkbox"/> _____ Act Level Switch | <input type="checkbox"/> _____ Solids Strainer Basket |
| <input type="checkbox"/> _____ Act Leak Switch | <input type="checkbox"/> _____ Grease Collection Container |
| <input type="checkbox"/> _____ Act Single Control Box | (1 gallon or 2 gallon) |
| <input type="checkbox"/> _____ Act Double Control Box | <input type="checkbox"/> _____ 3/4" Draw-off Valve |
| <input type="checkbox"/> _____ T Bolt Assembly | <input type="checkbox"/> _____ 2" Heating Element |
| <input type="checkbox"/> _____ 3/8-16 x 1/4" Flathead Screw | <input type="checkbox"/> _____ Thermocouple |
| <input type="checkbox"/> _____ 3/8-16 x 1" Flathead Screw | <input type="checkbox"/> _____ Hinged Cover Assembly |
| <input type="checkbox"/> _____ 1-1/2" EL Cast Iron | <input type="checkbox"/> _____ Gasket Material |
| <input type="checkbox"/> _____ 2" EL Cast Iron | <input type="checkbox"/> _____ 1/4" Pan Head Screws |



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