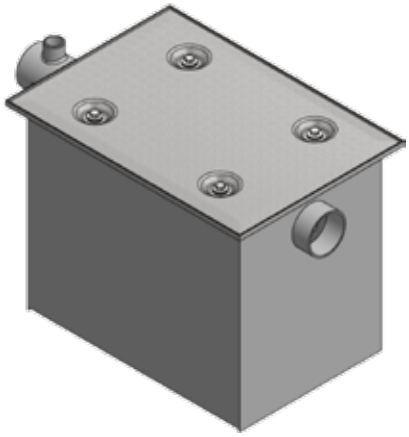
Application	Product Recommendation
Grease Interceptors	5100, 5151, 5102, 5103, 5105, 5106, 5200
Grease Recovery Appliances	GGX7,GGX15,GGX20,GGX25,GGX35,GGX50,GGX75,GGX125
Oil Interceptors	5400, 5500, 5800
Lint Interceptors	5600
Solid Interceptors	5720, 5730, 5740, 5741, 5760, 5770
Hair / Fur Interceptors	5750, 5800
Sand / Sediment Interceptors	5800, 5810, 5900
Coffee Grinds / Food Interceptor	ST1,ST2,ST4,ST8,ST12,ST23

How To Specify

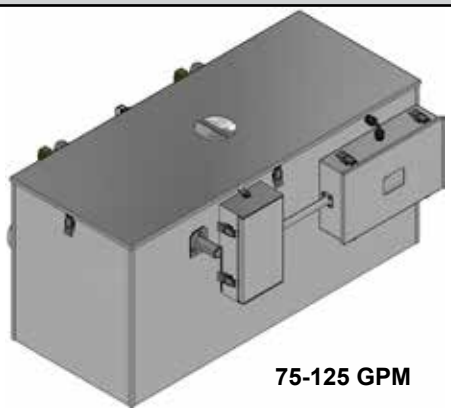
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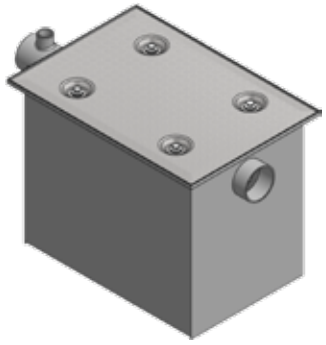
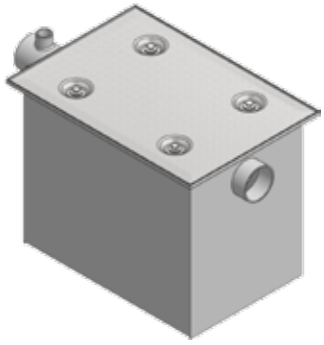
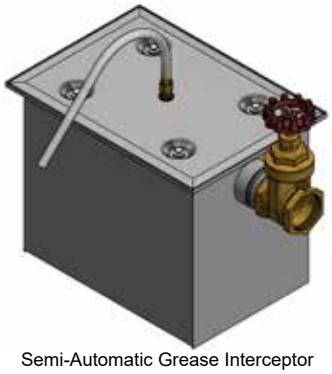
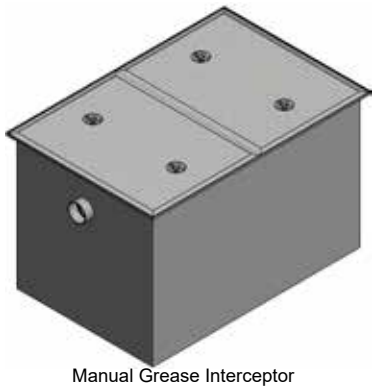
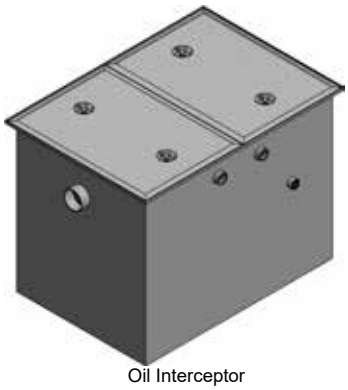
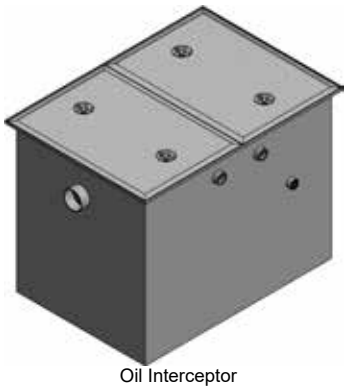
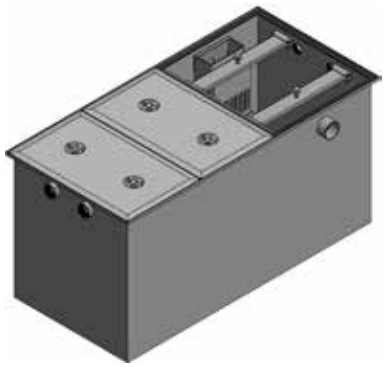
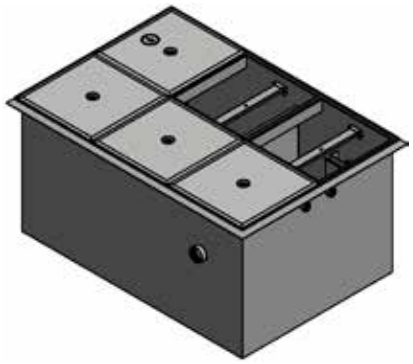
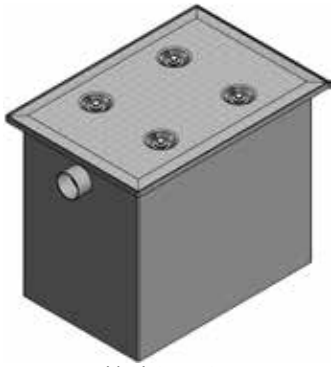
- Series Number (Required)
- Size / GPM / Capacity
- Connection Type & Size (Required)
- Miscellaneous Options (As Needed)

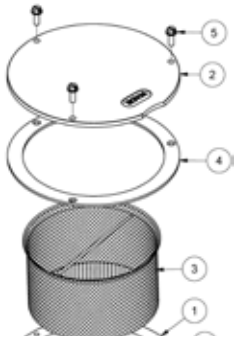
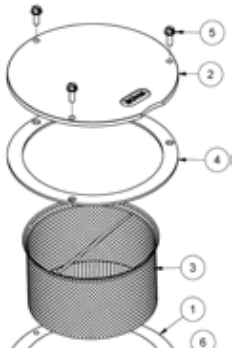
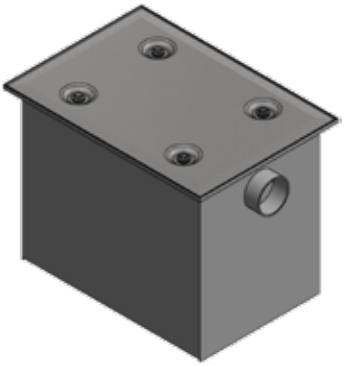


New Products

Grease Guardian®

GGX Grease Guardian (Point Source)	**GGX** Grease Guardian (Centralized)	**ST1** (Sink Guardian)
 7-50 GPM	 75-125 GPM	
ST2 (Coffee Guardian)	**ST4** (Coffee Guardian)	**ST8, 12 & 23** (Food Guardian)
		

5100	5101	5102
		
Manual Grease Interceptor 4-100 GPM	Manual Grease Interceptor (S/S) 4-100 GPM	Semi-Automatic Grease Interceptor 4-75 GPM
5103	**5105**	**5106**
		
Semi-Automatic Grease Interceptor 4-75 GPM	Manual Grease Interceptor (Low Profile) 4-100 GPM	Semi-Automatic Grease Interceptor (Low Profile) 4-100 GPM
5200	**5400**	**5401**
		
Manual Grease Interceptor 75-500 GPM	Oil Interceptor 10-50 GPM	Oil Interceptor 75-500 GPM
5500	**5501**	**5600**
		
Oil Interceptor w/ Integral Storage Tank 10-50 GPM	Oil Interceptor w/ Integral Storage Tank 75-500 GPM	Lint Interceptor 3-150 Washing Machines

5720	5730	5740
 Solids Interceptor (Top Access) 15 GPM	 Solids Interceptor (Bottom Access) 15 GPM	 Solids / Plaster Interceptor (Top Access)
5741	**5750**	**5760**
 Solids / Plaster Interceptor (Top Access)	 Hair / Solids Interceptor (Bottom Access)	 Solids Interceptor (Top Access)
5770	**5790**	**5800**
 Solids Interceptor (Side Access)	 Solids Interceptor (Side Access)	 Oil / Sediment Interceptor (Grated Top)
5810	**5830**	**5900**
 Oil / Sediment Interceptor (Grated Top)	 Hair / Fur Interceptor (Grated Top)	 Sand Interceptor (49-135 Cu.Ft.)

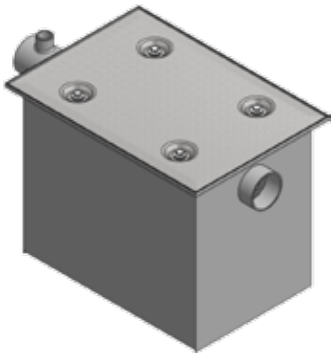
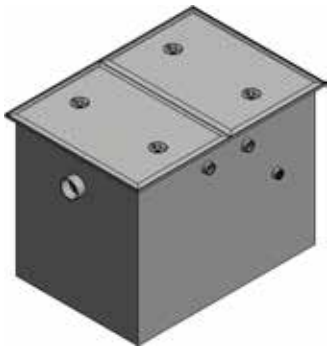
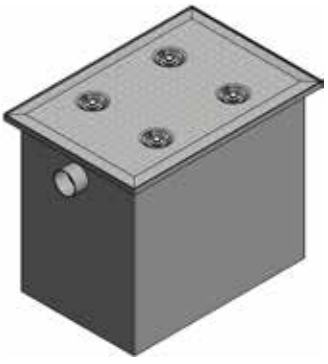
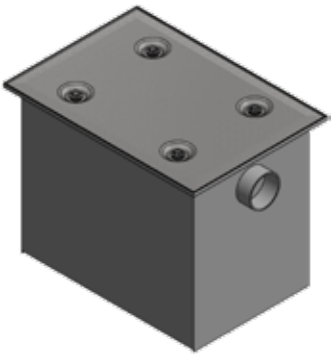
There are five main types of interceptors: grease, oil, lint, sand and solids. Each of them requires different considerations for sizing, operation and maintenance. The information provided will help the specifier select the correct interceptor for the application. A detailed explanation of the major components and features of each type of interceptor is also provided.

Construction / Operation

Many of Wade's grease, oil and solids interceptors are manufactured with 10 gage hot rolled steel which is welded together and coated with a high build aliphatic hybrid – trade named ArmorClad. It is an industrial abrasion - chemical - impact - moisture and UV resistant sanitary finish engineered for use on critical surfaces in harsh environments. A two component no-voc formulation delivers optimal performance in very cold or hot climates. ArmorClad is dielectric (non-conductive) so there is no potential reaction with the earth's elements. Because of its dielectric properties, performance is exceptional in all forms of corrosive elements that may be present in underground environments. Because it is non-sacrificial, the finish insulates metallic products from corrosive elements including salt spray. A 100% solids characteristic helps to ensure a complete barrier is formed for protection. The aliphatic hybrid content of ArmorClad provides UV resistance well beyond what aromatic coatings can offer. Accelerated UV Aging test over extended time are ongoing to qualify the significant improvements. Typically furnished in gray.

The cover sealing gasket is manufactured with low durometer closed-cell neoprene with self-adhesive backing. The gasket is custom fitted to the interceptor body top rim ledge where it is an integral part of the body. Because of the gasket's thickness and density, it provides an ideal sealing environment for the lid. All of Wade's interceptors are supplied with the same gasket. Dependent upon type, many interceptors are supplied with a baffle system engineered to improve the separation process. The baffle system is strategically located to direct inflow for maximum efficiency of the interceptor. Flow entering the interceptor is directed to the bottom by the baffle to avoid any disturbance of the previously accumulated surface layer of grease or oil in the device. The baffle also serves to reduce the velocity and surge of inflow, providing sufficient retention time for effective separation of the grease. The grease or oil rises to the surface for manual or draw-off removal and the baffle is easy to remove for cleaning. The waste water is now relieved of over 90% of the fats, oils and greases and continues to flow through the interceptor into the drainage system

Types of Interceptors

			
Grease	**Oil**	**Oil / Sediment**	**Sand**
			
Solids	**Hair**	**Lint**	**Specialty (Fish Scale / Paint / Fur)**

Grease, which also includes fats and oils, has historically caused problems in plumbing drainage systems. Grease easily adheres to the inner surface of most commonly used drainage piping materials and over time will form into a hard crust as tough as baked clay. The rougher the inner surface of the pipe, the easier this adherence will occur.

Grease is also a problem for sewage treatment plants as it taxes the bacterial process used to break down these complex compounds.

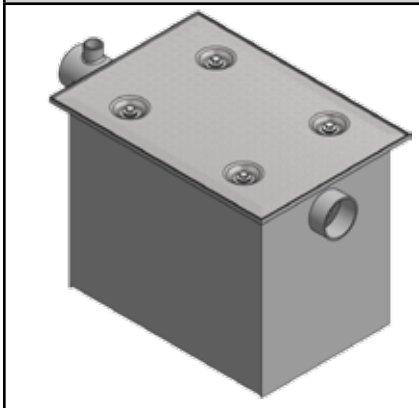
The purpose of a grease interceptor is to trap and store the suspended grease from the water passing through it. They are usually connected to kitchen sinks, floor drains, and any other plumbing fixtures in restaurants, hotels and institutions that discharge grease laden waste water.

Wade's grease interceptors operate on the principle of separation by flotation. The baffle plates opposite the inlet of the grease interceptor diffuse the flow into the interceptor and lessen the turbulence of the grease laden water as it enters the intercepting chamber. Solids and sludge carried in the water should be trapped prior to the grease interceptor. Such accumulation can then be removed. The resulting smooth, even flow of water through the interceptor permits the grease and other light density substances to rise to the surface by the "flotation" principle of separation

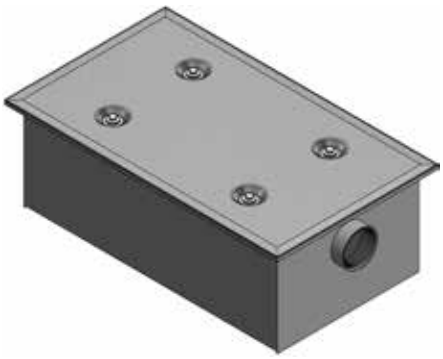
As our environmental laws have become more restrictive and maintenance costs have increased, public sewer departments have responded by tightening the list of materials allowed to flow into their systems. Severe fines may be levied on users found to be in violation. Grease that is removed from the drainage system as close as possible to its source and before it becomes contaminated with other material, can be sold to rendering companies and recycled into a variety of products. It can therefore become an economic asset rather than liability.

The specifying engineer should consider the following when specifying grease interceptors: construction / operation, flow control fittings, extensions, cover shrouds and draw-off valves, sizing, installation and maintenance.

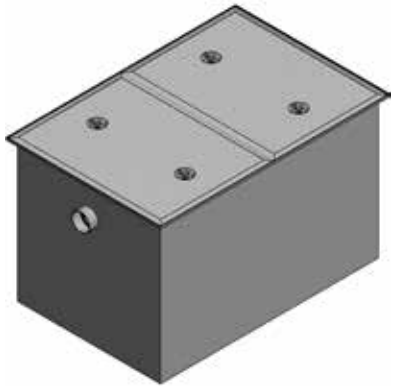
Grease Interceptor Styles



Manual Cleaning (Standard)



Manual Cleaning (Low Profile)



Large Capacity



Semi-Automatic Draw-Off



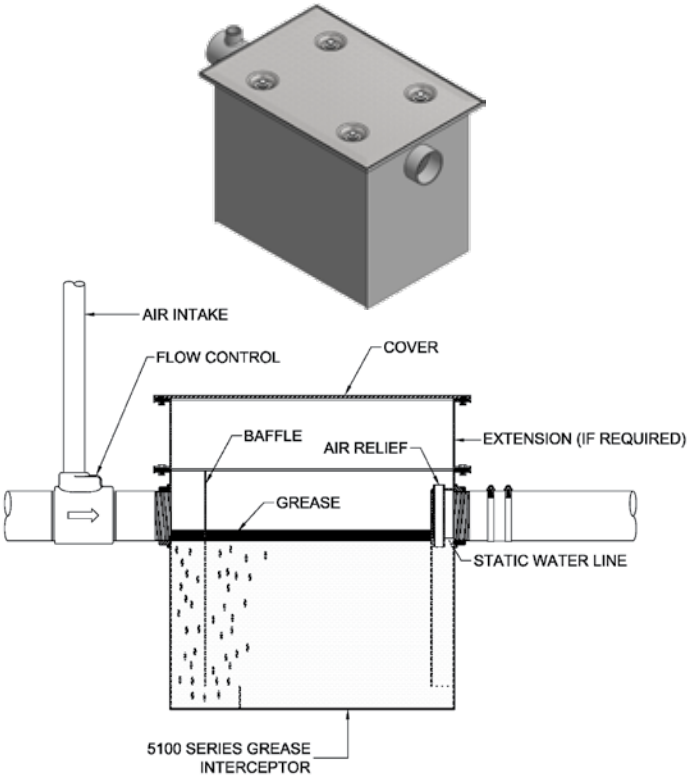
Semi-Auto Draw-Off (Low Profile)



Automatic Grease Recovery

Many Wade grease interceptors bear the PDI (Plumbing and Drainage Institute) seal. This seal on Wade's grease interceptors proves that the designs and ratings marked on the interceptor have met or surpassed all standards established by PDI. All of Wade's PDI approved grease interceptors are supplied with external, vented flow control fittings to ensure maximum performance. A detailed description of flow control fittings is on page 4.

GREASE INTERCEPTOR OPERATION



Our simple design is an application of the principle of nature's own law of gravity in separating lighter-than water wastes from heavier-than-water matter.

Waste water draining to the interceptor passes through the flow control device which regulates the velocity to a controlled rate. As water enters the interceptor, the baffle arrangement reduces turbulence to allow efficient separation. These light-density substances are retained in the Wade Separator. There is no straight in-and-out travel from the inlet to the outlet of the separator. The waste water, relieved of contaminates, continues to flow through the trap and into the drainage system.

The flow control device is designed with an integral orifice to achieve a predetermined optimum flow rate, thus eliminating turbulence and to regulate surges in the drainage line. The orifice opening in the flow control device is related to the size and flow rating of the grease interceptor. The standard orifice sizes are for gravity flow conditions where no pressure buildup is anticipated. Refer to Page 4 for additional flow control fitting applications. If an interceptor is operating at maximum flow levels, a pressure head may develop, which may cause an overload condition.

Factors Affecting Grease interceptor Performance

Velocity of incoming water

A higher velocity of water will contribute to turbulence and slow the grease separation process, thereby reducing efficiency. Installation of additional flow control devices at all the sources of flow may be required.

Grease to Water Ratio

Higher ratios of grease particles to the water will the lower the efficiency of the interceptor – If high ratios of water to grease are anticipated, increase the size of the interceptor one or two units.

Detergents in the System

Degreasing agents or grease cutting detergents will break down the liquid grease into minute particles that can cause slower separation time, thus allowing these particles to pass through the interceptor. Increasing the size of the interceptor will allow longer retention rates and improve the efficiency.

Flow Capacity

If maximum recommended flow rates are exceeded, the efficiency of the interceptor will be decreased. Either install additional flow controls devices at all sources of flow, or install a larger interceptor.

Specific Gravity of Filtrates

Grease has a lower specific gravity than water and will separate and rise to the surface quickly. If the waste water has food particles or solids having a higher specific gravity than water, these filtrates will accumulate at the bottom, eventually passing out of the interceptor. In high concentrates of solids are anticipated, the installation of a solids interceptor is recommended.

Installation Location

The interceptor should be located as close as possible to the source of grease. Piping to the interceptor could become clogged if the liquid cools prior entering the interceptor

SEMI-AUTOMATIC GREASE INTERCEPTORS

Wade's semi-automatic grease interceptors are manufactured with draw-off cones and are preferred in areas where excessive amounts of grease accumulates because the cleaning process is easier.

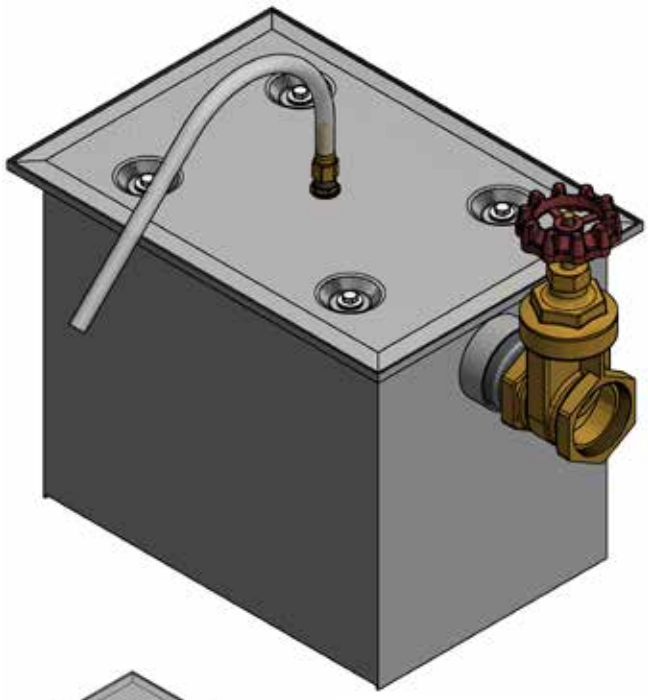
The draw-off closure valve is a gate valve that is connected to the outlet of the interceptor via a pipe nipple. When the accumulated grease is ready to be drawn off, the pipe cap on the top of the interceptor is removed and the draw-off hose is attached with a hose clamp.

After warming the interceptor with hot water from the fixture to liquefy the accumulated grease, the draw-off valve is closed to block water escaping through the outlet. Water from the fixture enters at a low flow rate to elevate the liquefied grease into the draw-off pyramid and through the hose to the disposal container. When clear water appears at the hose outlet, the draw-off valve is opened to drop the water level in the interceptor for normal operation.

This method of cleaning is more sanitary than typical manual methods.

A more simplified version incorporates a ball valve on the side of the interceptor body. When the interceptor has reached capacity, hot water from the fixture liquefies the accumulated grease. When the accumulated grease is ready to be drawn off, the valve is opened and the liquefied grease flows through to be captured in a container for disposal.

When clear water appears at the valve outlet, the draw-off valve is closed.





Grease Guardian - Grease Recovery Appliance

Grease Guardian®

Wade offers the X Series, a low maintenance electronic appliance which recovers grease from commercial piping systems.

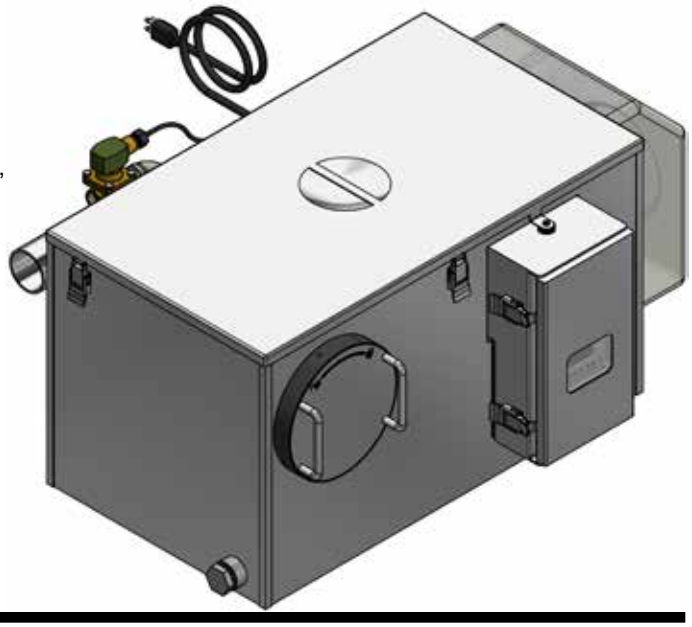
The Grease Guardian point source range is 7, 15, 20, 25, 35 and 50GPM. Centralized systems are available in 75 and 125 GPM.

The X Series is provided with a solids interceptor, incorporating a removable filter for less time-consuming removal of solids.

Automatic features, such as PLC logic control and grease draw-off, allow the unit to operate continuously, with less cleaning required by the user than other typical grease interceptors. Liquid grease is drawn out of the main separating chamber into a containment bag, which can be easily removed and replaced with another for quick, clean disposal. When properly installed, the X Series Grease Recovery Appliance greatly reduces maintenance, while yielding a high efficient effluent rating.

All Grease Guardians are manufactured in stainless steel which insures durability throughout the lifetime of the appliance.

For more information on the unique features and comprehensive techinical data, contact your local Wade representative for the Engineering Brochure.



FLOW CONTROL FITTING APPLICATION:

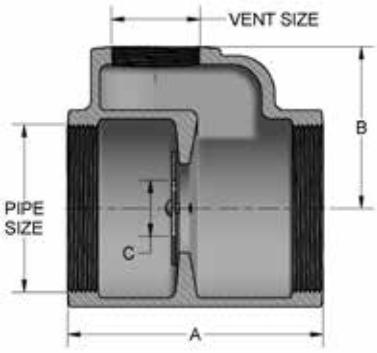
Flow control fittings are furnished at no extra cost with all Wade 5100 series grease interceptors. They are essential to achieve maximum efficiency.

FLOW CONTROL FITTING DESCRIPTION:

Flow control fittings insure 90% or more grease retention efficiency of the interceptor. When consideration isn't given to the flow rate of the waste water to be handled, the actual flow rate through the interceptor usually exceeds its rated maximum flow. With unregulated flow, the interceptor would be overloaded, and retention time within the unit would not be sufficient for maximum separation. The result would be low efficiency, and pollutants left in the waste water would pass through the interceptor, making the installation less than effective. When the flow is controlled by use of a flow control fitting, it can never exceed the maximum rating of the interceptor, and the interceptor when cleaned on a regular basis, the maximum pollutant retention efficiency will be achieved and maintained.

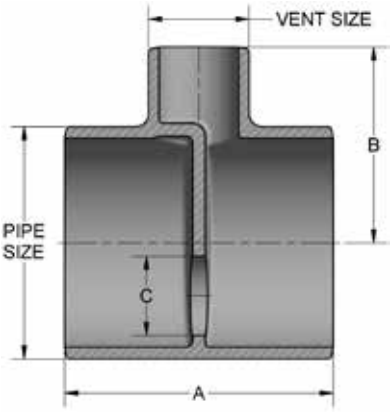
All flow control fittings are built with an air intake and should be connected to the vent stack or vent not lower than the flow level of the highest drain serviced or terminated in a return bend at the same elevation outside of the building. A vented flow control fitting improves the efficiency of the grease interceptor by introducing air into the body of the interceptor. As the air bubbles rise to the surface, they are coated with grease. This process brings grease to the surface faster, and, as a result, increases the efficiency.





Flow Control (IPS)					
Flow Rate (GPM)	Pipe Size	Vent Size	A	B	C
4	2”	1 1/4”	3 15/16”	2 11/16”	.500
7	2”	1 1/4”	3 15/16”	2 11/16”	.688
10	2”	1 1/4”	3 15/16”	2 11/16”	.844
15	2”	1 1/4”	3 15/16”	2 11/16”	1.00
20	3”	1 1/2”	5 5/16”	3 11/32”	1.156
25	3”	1 1/2”	5 5/16”	3 11/32”	1.313
35	4”	2”	6 11/16”	4 11/32”	1.500
50	4”	2”	6 11/16”	4 11/32”	1.875
Flow Control (No-Hub)					
4	2”	1 1/2”	5 1/16”	2 1/2”	.500
7	2”	1 1/2”	5 1/16”	2 1/2”	.688
10	2”	1 1/2”	5 1/16”	2 1/2”	.844
15	2”	1 1/2”	5 1/16”	2 1/2”	1.00
20	3”	1 1/2”	5 1/16”	3 1/4”	1.156
25	3”	1 1/2”	5 1/16”	3 1/4”	1.313
35	4”	1 1/2”	5 1/16”	3 11/16”	1.500
50	4”	1 1/2”	5 1/16”	3 11/16	1.875





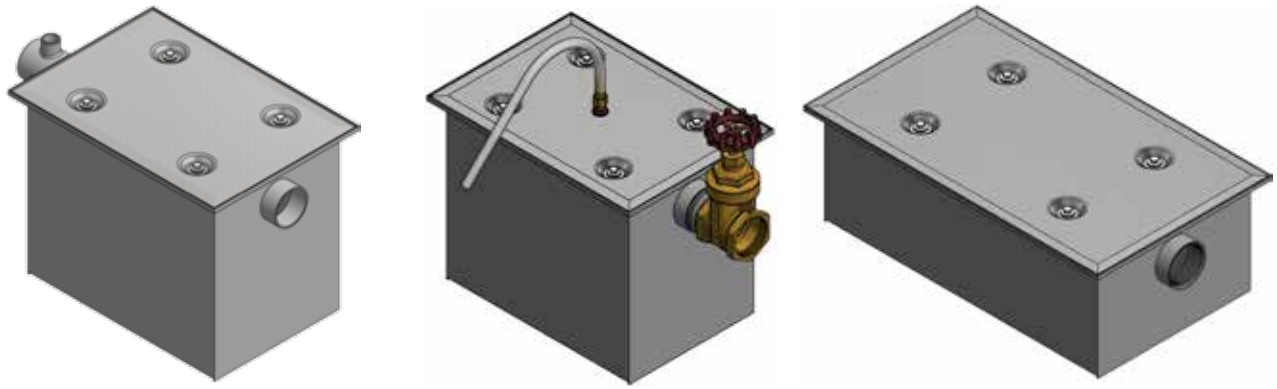
GREASE INTERCEPTOR SIZING

Reliable performance of any grease interceptor is dependent on its being correctly sized to handle the anticipated drainage load from the fixtures it serves. Each Wade interceptor is flow and capacity rated for easy selection when sizing requirements have been established and met.

Sizing is based on fixture drainage period, service required and volume of wastewater to be handled. These factors combine to establish the anticipated flow rate and the size of the interceptor required. The flow control fitting that is provided with every Wade grease interceptor sized 50 GPM and smaller, is installed in the fixture drain line ahead of the interceptor and controls the flow of drainage to the interceptor's rated capacity. This is especially important when the drainage load exceeds that for which the interceptor is sized to handle.

The flow control fitting, supplied with the interceptor, must be in position at all times. If this is removed, or not provided, the interceptor will not function to P.D.I. Standards.

If an interceptor is to be installed with the top level at the finished floor, an extension may be required. In that instance, the "H" dimension is required, (center line of inlet/outlet to top of the finished floor) and must be specified at time of ordering.



Grease Interceptor Sizing - PDI (Plumbing & Drainage Institute) Method

Sizing & Rating

Flow Rate (GPM)	4	7	10	15	20	25	35	50
Capacity (LBS)	8	14	20	30	40	50	70	100

Step	Formula	Example
1	Determine cubic content of fixture by multiplying length x width x depth	Sink 36" x 24" x 14" deep = 12,096 cubic in.
2	Determine capacity in gallons. 1 Gal = 231 cubic inches.	Contents in Gallons: 12,096 ÷ 231 = 52.36 Gal
3	Determine actual drainage load. Fixtures are normally filled to 75% of capacity plus the items being washed displace about 25% of the fixture content, thus Actual Drainage Load = 75% of the fixture capacity	Actual Drainage Load 52.36 Gal x 0.75 = 39.3 GPM
4	Determine flow rate and drainage period. Standard practice dictates a one minute drainage period. Where conditions permit, a two minute period is acceptable. Drainage period is the actual time required to completely drain the fixture. Flow Rate = Actual Drainage Load ÷ Drainage Period.	Calculate the flow rate for a one minute period: 39.3 ÷ 1 = 39.3 GPM For a two minute period: 39.3 ÷ 2 = 19.65 GPM
5	Select interceptor from the Sizing & Rating Table (above) which corresponds to the calculated flow rate. When the flow rate falls between two sizes, use the larger size.	For a one minute period: 50 GPM Interceptor For a two minute period: 20 GPM Interceptor

Alternate Sizing Method

(Based on Drainage Fixture-Units

Fixture Outlet (Trap Size)	Drainage Fixture Unit Valve	GPM Equivalent	PDI Interceptor Size
1-1/4"	8	7.5	10
1-1/2"	2	15	15
2"	3	22	25
2"	4	30	35
3"	5	37.5	50
4"	6	45	50

INSTALLATION CONSIDERATIONS

Install interceptor as close as practical to fixture or fixtures being served, see figures 1 through 4. The interceptor may be set on the floor, partially recessed in the floor, with top flush with the floor, or fully recessed below the floor to suit piping and structural conditions. Anticipate sufficient clearance for removal of interceptor cover for cleaning. Avoid installation wherein long runs of pipe (exceeding 25 feet) are necessary to reach interceptor. This precaution will preclude the possibility of pipeline becoming clogged with congealed grease that will collect before reaching the grease interceptor. Do not install a grease interceptor in waste lines from garbage grinders. Garbage grinder waste must by-pass interceptor. Rapid accumulation of solid matter will greatly reduce grease interceptor efficiency preventing operation in compliance with rated capacity.

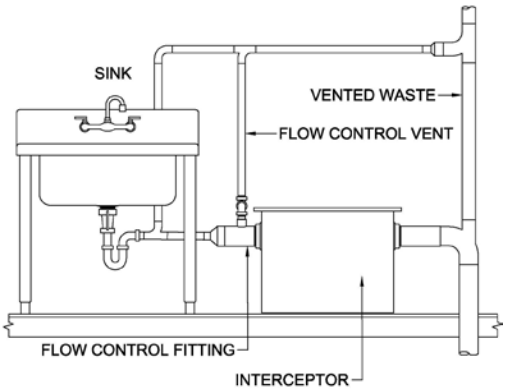


Figure 1 Interceptor Serving Individually Trapped and Vented Sink - Flow Control Air Intake Intersects Vent

FLOW CONTROL

The flow control fitting furnished with PDI certified interceptors must be installed ahead of interceptor in the waste line beyond the last connection from the fixture and as close as possible to the underside of lowest fixture. When waste of two or more sinks or fixtures are combined to be served by one interceptor, a single flow control fitting should be used. Air intake for flow control may terminate under sink drain board as high as possible to prevent overflow or terminate in a return bend at the same height and on outside of building. When fixture is individually trapped and back-vented, air intake may intersect vent stack. All installation recommendations subject to approval of code authority.

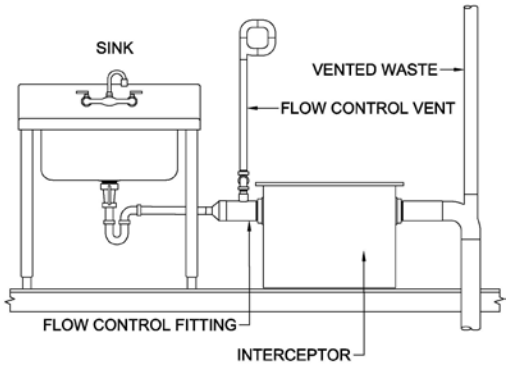


Figure 2 Interceptor Serving Individually Trapped and Vented Sink - Flow Control Air Intake Terminates in Loop Vent Above Flood Level

VENTING

Grease interceptors must have a vented waste, sized in accordance with code requirements for venting traps to retain water seal and prevent siphoning.

MULTIPLE FIXTURE INSTALLATION

One interceptor to serve multiple fixtures is recommended only where fixtures are located close together. In such installations, each fixture should be individually trapped and back-vented.

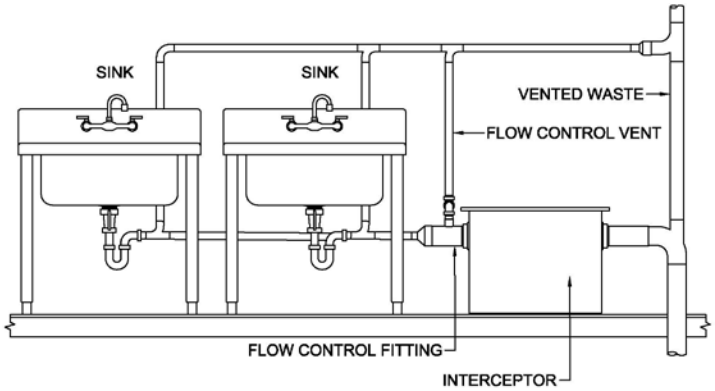


Figure 4 Interceptor Serving Two Individually Trapped and Vented Sinks - Flow Control Air Intake Intersects Vent

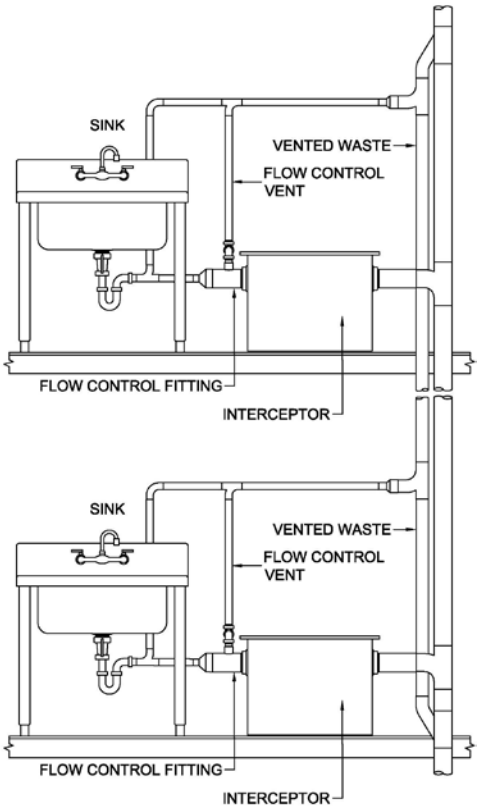


Figure 3 Interceptor Serving Multi Floor Individually Trapped and Vented Sinks - Flow Control Air Intake Intersects Vent

GREASE INTERCEPTOR CONSIDERATIONS

DISHWASHERS

A separate grease interceptor is recommended for each commercial dishwasher. The size of the interceptor is determined by the GPM discharge rate of the dishwasher as specified by the manufacturer.

FLOOR DRAINS

Many local plumbing inspectors require that grease laden wastewater flowing into floor drains must flow through a grease interceptor before draining into the sanitary sewer system. In these instances, the flow control fitting must be installed underground, before the inlet to the interceptor, to moderate the flow from the floor drains and to ensure maximum performance. Consideration should be given to providing access to the flow control fitting in these installations for proper cleaning and maintenance. The Wade extended cover shroud is best used in these situations because it is long enough to house the grease interceptor and the flow control fitting beside the inlet.

MAINTENANCE GENERAL CONSIDERATIONS

To obtain optimum operating efficiency of a properly sized and installed PDI certified grease interceptor, a regular schedule of maintenance must be adhered to. All PDI certified grease interceptors are furnished with manufacturer's operating and maintenance instructions, which must be followed to insure efficient satisfactory operation.

CLEANING

All grease interceptors must be cleaned regularly. The frequency of grease removal is dependent upon the capacity of the interceptor and the quantity of grease in the waste water. Grease removal intervals may therefore vary from once a week to once in several weeks. When the grease removal interval has been determined for a specific installation, regular cleaning at that interval is necessary to maintain the rated efficiency of the interceptor. After the accumulated grease and waste material has been removed, the interceptor should be thoroughly checked to make certain that inlet, outlet and air relief ports are clear of obstructions.

DISPOSAL OF INTERCEPTED MATERIALS

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. Where recovery of grease is desired, it can be handled in a manner suitable to the authorities.

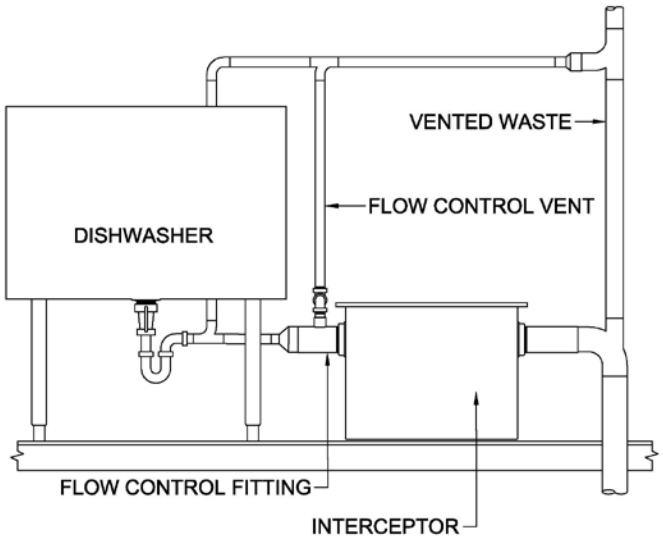


Figure 5 Interceptor Serving Dishwasher - Flow Control Air Intake Terminates Above Flood Level

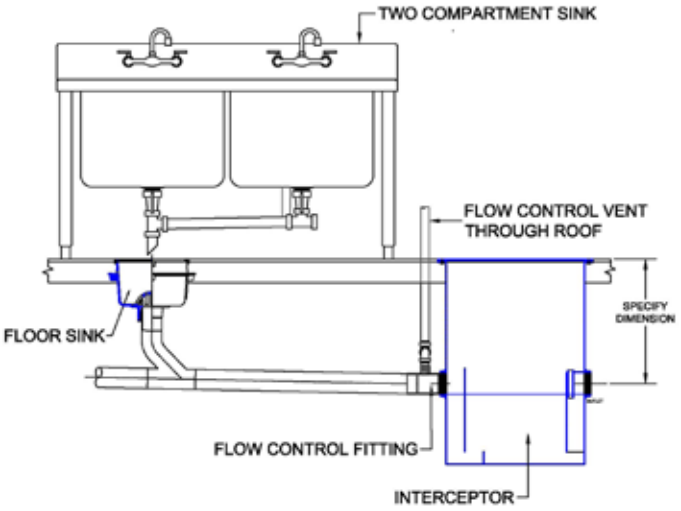


Figure 6 Interceptor Serving Two Compartment Sink Through 5760 Solids Interceptor - Flow Control Air Intake Terminates Above Flood Level

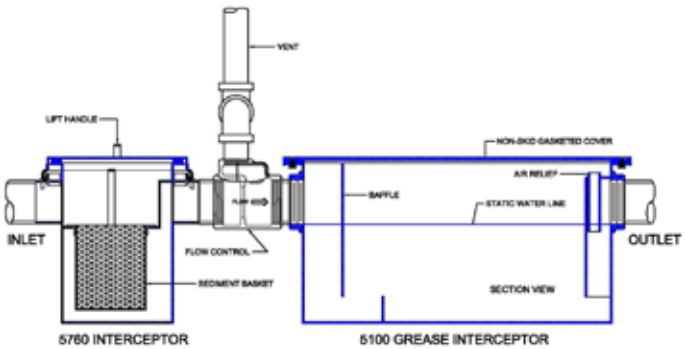


Figure 7 Interceptor Serving Two Compartment Sink Through 5760 Solids Interceptor - Flow Control Air Intake Terminates Above Flood Level

PURPOSE

Wade oil interceptors are used in plumbing waste systems to help protect property and the environment against explosion, fire, and pollution. Wade oil interceptors are designed similar to the grease interceptors. Both work on the principle that oils are lighter than water and thus gravity causes the oil to rise and the water to fall. Wade oil interceptors come equipped with a removable sediment bucket on the inlet to trap stones, grit, and other debris. Their perforated flow-diffusing baffle eliminates turbulence and allows for high efficiency of separation.

All Wade 5400, 5401, 5500 and 5501 oil interceptors are supplied with an oil draw-off valve assembly. The interceptors are constructed of 100% steel, coated with a gray acid resistant Armor Coat finish. If you require an oil interceptor not listed call contact your local Wade Representative or send your requirements to the Wade Engineering Department for assistance.

HOW THE WADE OIL INTERCEPTOR OPERATES

The baffle plates opposite the inlet of the oil interceptor diffuse the flow into the interceptor and lessen the turbulence of the oil laden water as it enters the intercepting chamber. Solids and sludge carried in the water are stopped by the baffle and held in the solids retaining bucket between the inlet and the flow-retarding baffle. Such accumulation can then be removed. The resulting quiet, even flow of water through the interceptor permits the oils and other light density substances to rise to the surface by the “flotation” principle of separation.

Maximum separation and interception is affected in proportion to the elimination of turbulence of wastewater within the interceptor. The unique Wade baffle plate design permits almost 90 percent of the interior of the interceptor to be used for the function of oil separation.

INSTALLATION CONSIDERATIONS

Install interceptor as close as practical to the fixture or fixtures being serviced. The interceptor may be set on the floor, partially recessed in the floor with top flush with the floor, or fully recessed below the floor to suit piping and structural conditions. Anticipate sufficient clearance for removal of interceptor cover for cleaning. Also, take into consideration the placement of flow control fitting, vent requirements, and draw-off piping. Note: All oil interceptors must be vented to atmosphere.

INTERMITTENT FLOW

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 gallons per minute (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.

Recommended Installations

- Commercial Uses
- Industrial Uses
- Filling and Service Stations
- Machine Shops
- Maintenance Garages
- Refineries
- Airport Hangars
- Fabrication and Welding Plants
- Laundries and Cleaning Establishments
- Foundries
- Parking Facilities

SIZING

The gallons-per-minute rate of flow through the drainage line into the interceptor is the main consideration in selecting the proper size oil interceptor. In addition, the viscosity characteristics and probable amounts of oils and other light density substances to be separated should be taken into consideration since the volume involved may influence the intercepting chamber size. The larger the interceptor, the higher the flow rate it will handle efficiently and the larger quantity of oil it will separate. If the oil interceptor is too small, an overload condition will develop and some of the oil will be carried through the oil interceptor in the wastewater and pass into the drainage system. Overload conditions may also cause water levels in the trap to rise, thus water will be drawn off through the oil draw off.

FLOW CONTROL

The Wade flow control must be installed properly in every installation. An oil interceptor correctly designed to separate oil and light density substances from wastewater, will not by itself govern or regulate the flow of water through it at all times to sufficiently assure the flotation separation of the entrained substances which are to be intercepted at maximum efficiency.

The flow control, designed with an integral orifice, gives a per-determined optimum flow rate and thus assures the elimination of turbulence in the oil interceptor, which could otherwise occur from sudden surges through the drainage line.

The orifice openings are related to the size and gallons per minute rating of the oil interceptor. It should also be noted that standard orifice sizing is for gravity flow conditions where no pressure build-up is considered. If an interceptor is operating at maximum flow levels, a head may develop, in which case overload conditions may still exist. Refer to Wade flow control literature for orifice sizing under pressure head conditions.

VENTING

All oil interceptors must be vented to atmosphere and are furnished with vent connections of 1-1/2” IPS on both the right and left hand side of the interceptor as specified to suit the installation. If necessary, the vent connection can be changed from one side to the other at the time of installation.

The vent connections are located above the adjustable gravity oil draw-off standpipe and in the intercepting chamber on the upstream side of the trap seal. Thus, the volatile gases rising from the intercepted substances are carried from the interceptor to the atmosphere.

ADJUSTABLE DRAW-OFF (5400, 5401, 5500 and 5501)

Wade oil interceptors are furnished with a 1-1/2” IPS adjustable oil draw-off assembly. This draw-off can be furnished on either the right- or left-hand side of the interceptor. The oil draw-off consists of an adjustable pipe fitting on the inside of the intercepting chamber, and a pipe connection from the internal adjustable standpipe on the side of the oil interceptor body to connect to an oil drain line from the oil interceptor to an oil storage tank. The adjustable standpipe can be raised or lowered inside the interceptor chamber to the proper height for draining off the separated oils and similar light density substances that have separated and floated to the surface of the interceptor chamber.

After the oils and other substances have been accumulated in the interceptor, they can be drained from the interceptor chamber by gravity flow through the internal standpipe. The standpipe is adjusted so that the opening is located at the top of the water flow level in the interceptor chamber and at the bottom of the intercepted substances floating on the top surface of the interceptor. There is no need to manually skim or dip out the oil, since the oil will drain off by gravity flow through the adjustable draw-off standpipe after it has been properly adjusted and tightened.

HOW TO SET THE ADJUSTABLE DRAW-OFF

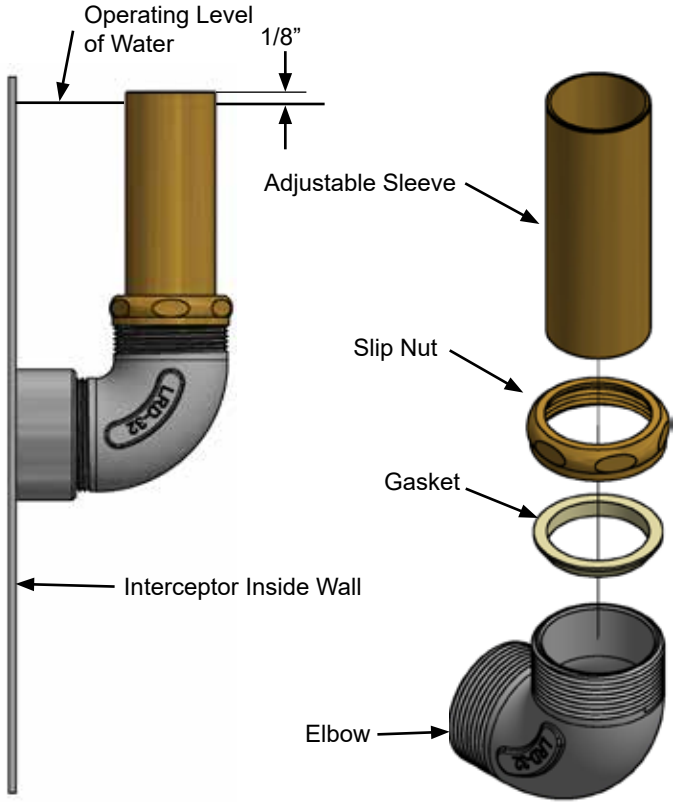
The Wade oil interceptor should be completely installed and all connections made, including the adjustable draw-off.

Clean water is then run through the oil interceptor at the gallons per minute rate of flow to the size of the interceptor. This establishes the operating water level. This water level is marked on the inside of the intercepting chamber.

The marking of the operating water line must be done while the flow is going through the interceptor. If the mark is established at the static water line, excess amounts of water will enter the gravity draw-off sleeve when the flow rate through the interceptor increases to its rated capacity, in which case the draw-off sleeve would become submerged.

The adjustable sleeve in the draw-off standpipe should be set such that the top of the sleeve is 1/8” above the operating water level mark.

After the oil interceptor is put in operation and a film of oil and low density substances has accumulated at the surface, the adjustable draw-off setting should be checked by taking samples while the oil interceptor is in operation. If the sleeve is properly set, no water will drain off with the oil, and the adjustable sleeve should be moved up or down until only oil and no water comes through the draw-off standpipe.



OIL INTERCEPTORS

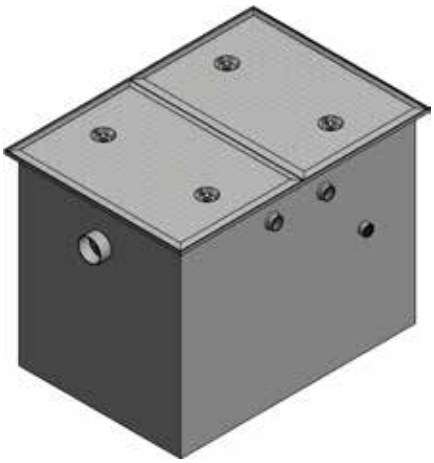
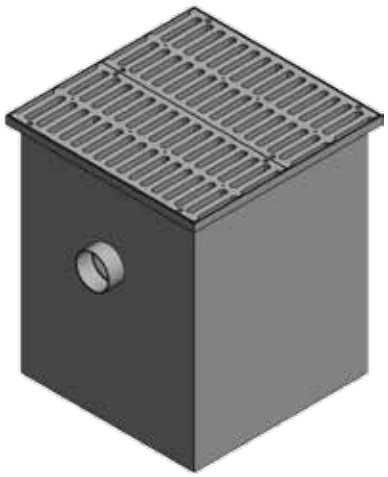
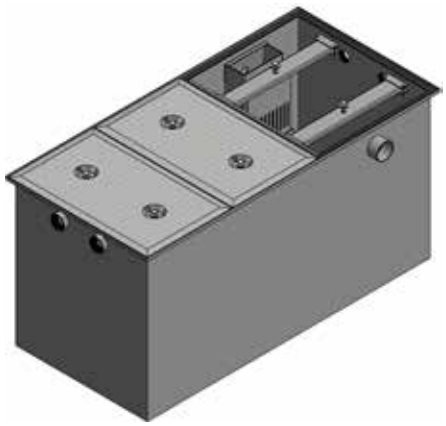
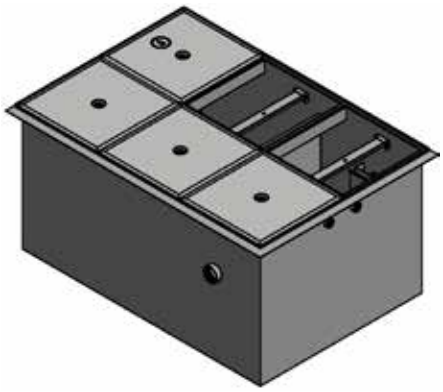
APPLICATION:

Wade 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. These drain lines may be from areas in parking garages, machine shops, service stations, aircraft hangars, industrial and manufacturing facilities.

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.

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 Wade Separator by its design for maximum water travel without agitation and by the filtering action of its screens. The combination of two separating baffles and a flow-regulator reduces the turbulence to allow proper separation, and prevents the evacuation of solids into the drainage system.

Oil Interceptor Styles		
10 - 50 GPM	**75 - 100 GPM**	**4 - 300 GPM**
		
5400 - Standard Capacity	**5401 - Large Capacity**	**5800 - Oil / Sediment Drains**
		
5500 - Standard Capacity w/ Integral Storage	**5501 - Large Capacity w/ Integral Storage**	**5810 - Oil / Sediment Drains**

OIL INTERCEPTORS

CONSTRUCTION

Wade oil separators are built of all-welded 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 covers for heavy traffic. The cover is secured to the body with recessed bolts and includes an extra-heavy leak-proof 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. 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. All units are available in double-wall construction with leak detection if specified.

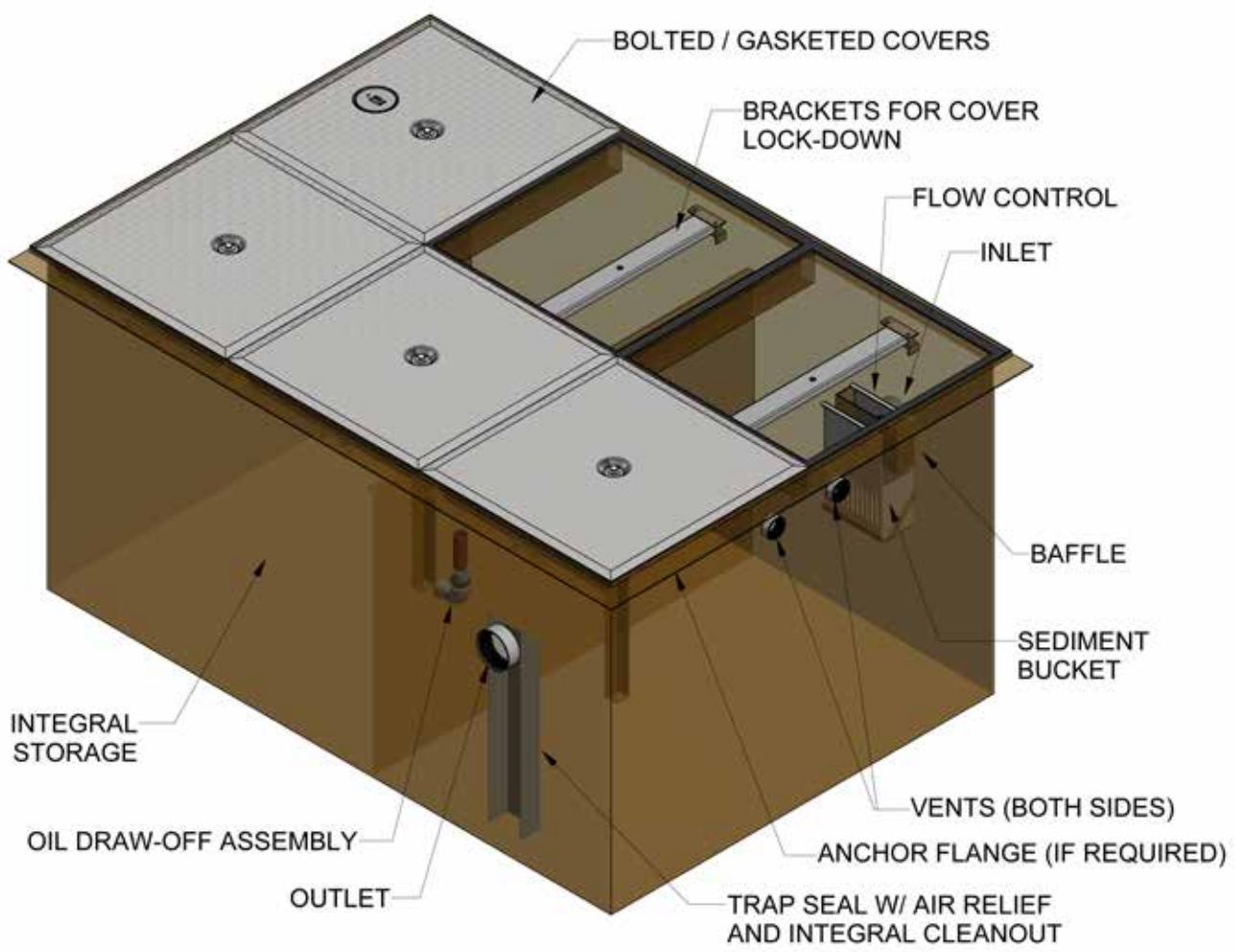
DESIGN:

Wade oil interceptors are designed to protect against water pollution by preventing oils and sediment in waste water from entering drain lines. The design allows intercepted oils to be drawn-off automatically for storage continuously during operation. Sediment should be removed from the interceptor at regular intervals.

SIZING:

Determine maximum volume of waste water in G.P.M. or L.P.M., by summing volumes of all discharging fixtures that may enter the drain lines at one time.

Select oil interceptor with flow rating equal to peak volume in G.P.M. or L.P.M. (see table on shop drawing.) Provide storage tank capable of handling the volume.

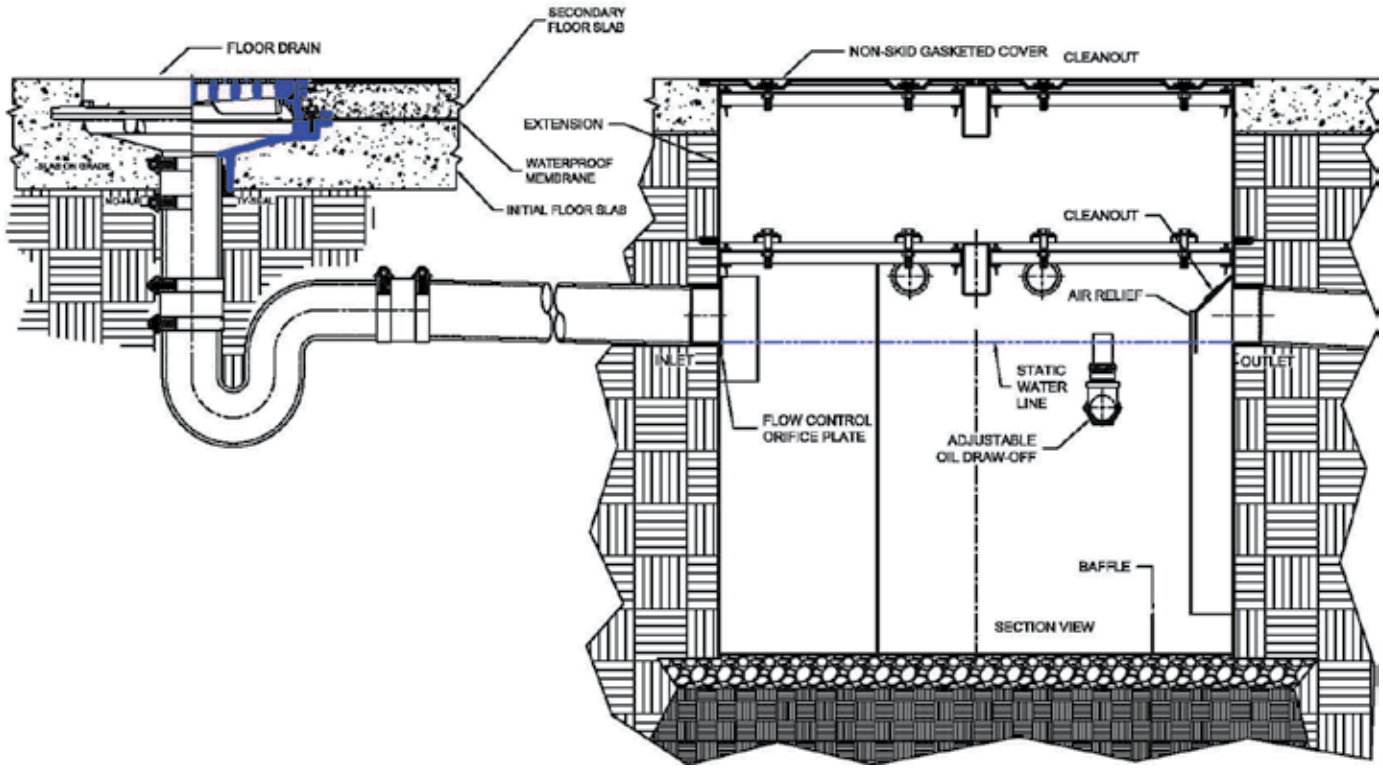


OIL INTERCEPTORS

INSTALLATION

Place the Wade interceptor downstream of the drain which will supply the oil laden liquid. If the interceptor is to be installed below grade, insure an extension is provided to make the centerline of inlet to finished grade dimension. Compacted fill and/or gravel is recommended for support of the combined weight of the interceptor and the weight of the water.

Piping from the appliances can then be routed to the inlet side of the interceptor. Connect piping from the outlet side to the oil interceptor or recovery device. If a flow control device is provided with the grease interceptor, it should be installed between the interceptor and the drain. Complete the piping on the outlet side to the sanitary sewer.



HIGH LEVEL ALARM

Function: The purpose of the high level alarm system is to monitor and send an audible and visual alarm when the oil capacity is approximately 75% full. High level alarm systems can be installed on any Wade oil interceptor with integral storage tanks to allow the facility to monitor oil levels. This allows the interceptor to be maintained when required.

Alarm Panel with visible red indicating light, audible horn, normal/silent/test switch, power cord, plastic housing with mounting holes and stainless steel high level float switch. Automatic Alarm Reset. Leak Detection monitors for double wall construction are also available.

Specifications:

- NEMA 4x Thermoplastic Enclosure
- Red Lexan Alarm Light 360° Viewable
- Alarm Test-Normal-Silent Toggle Switch
- 120 VAC Power Cord—6' Long
- High Level Stainless Steel Float Switch
- Audible Alarm Horn (85 db @ 10') Solid Tone
- Liquid Tight Plastic Cord Grips



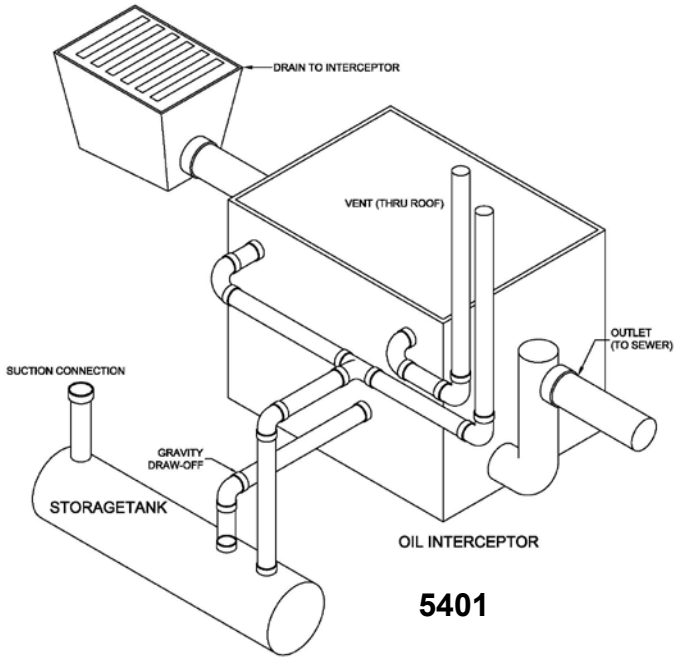
OIL INTERCEPTORS

INSTALLATION - VENTING

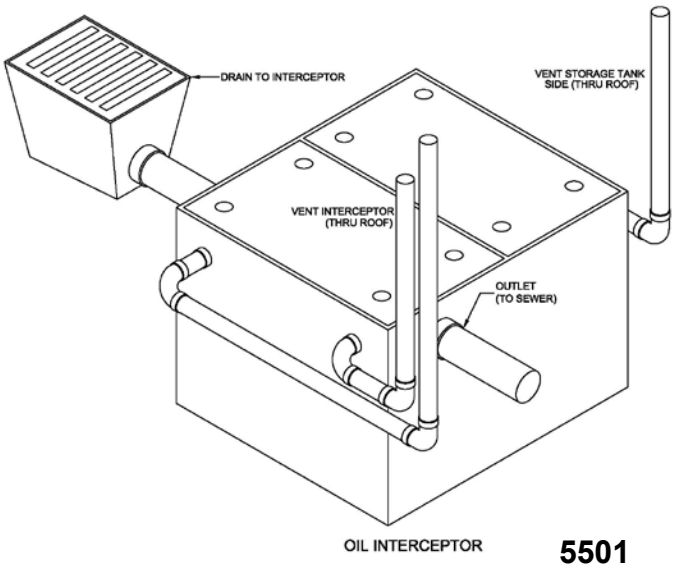
Oil interceptors must have a vented waste, sized in accordance with code requirements for venting traps, to retain a water seal and to prevent siphoning.

All Wade oil interceptors are furnished with IPS threaded vent and draw-off connections on both the right and left hand sides of the interceptor with plugs in one side. If necessary, the vent and draw-off connections can be changed from one side to the other at the time of installation, by switching the plugs.

The vent connections are located above the adjustable gravity oil draw-off standpipe in the intercepting chamber. Thus, the volatile gases rising from the intercepted substances are carried from the interceptor to the atmosphere.



5401



5501

TYPICAL CODE REGULATIONS

Vehicle servicing. When an oil interceptor is installed in an automobile, truck, bus, or tractor garage or in a service station or repair shop with facilities for motor or transmission overhauling, it must have a minimum static water depth of 24 inches (600) below the invert of the interceptor 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 and servicing. Where motor vehicles are serviced and stored, an oil interceptor shall be installed with a static water capacity of 1 cubic foot for every 100 square feet of area to be drained. The oil interceptor shall have a minimum static water level of 6 cubic feet.

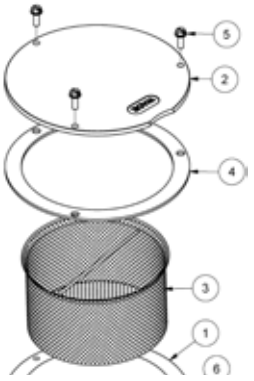
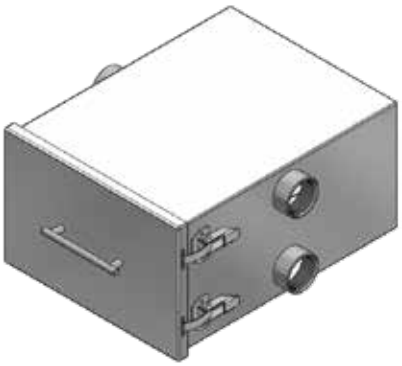
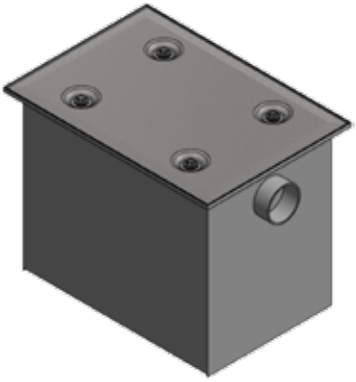
Mechanical car washing. In facilities designed especially for mechanical washing of motor vehicles, a sand and gravel interceptor shall be installed to receive the waste water from all washing facilities. A minimum static water level of 2.5 feet and a minimum static water capacity of 50 cubic feet shall be maintained. Where motor cleaning services are rendered at mechanical car washing facilities, an oil interceptor shall be installed in that section of the drainage system which receives waste water from this operation.

Vehicle storage. In motor vehicle storage facilities, a combination interceptor-drain shall be installed with a static water level of 1 gallon for every 100 square feet of area to be drained. Manual car washing. In a one-car washing facility, a combination interceptor-drain shall be installed with a minimum static water capacity of 30 gallons.

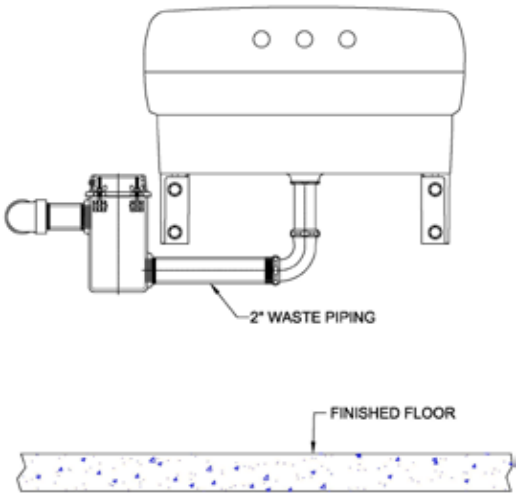
GENERAL INFORMATION

The interception and retention of solids cannot be overlooked. Materials such as hair, grindings, ceramic waste, plaster, dental wastes, aquarium and other small gravel, jewels and precious metals are a few solids that should pass through a solids interceptor before entering the waste drain line. Deleterious solids should be intercepted to prevent clogging of the drainage lines and valuable materials require interception for retrieval.

Wade manufactures a complete line of solids interceptors designed to handle any waterborne solids. Most often these interceptors replace the standard traps of the fixtures they serve. The solids interceptor with a low inlet and high outlet becomes the fixture trap. Solids interceptors are manufactured with easily removable strainers or sediment baskets that serve to retain the intercepted solids while allowing water to flow through. It is good engineering practice to specify a solids interceptor immediately before a grease interceptor so that all debris and solid wastes are caught in the solids interceptor before they enter the grease interceptor. This will ensure that the grease interceptor is not filled as quickly with solid wastes that will only impair its efficiency. In addition, most foul odors from grease interceptors are from rotting solids, not from the grease itself. Proper separation of these solids will reduce the odor problem typically experienced with grease interceptors filled with rotting solids.

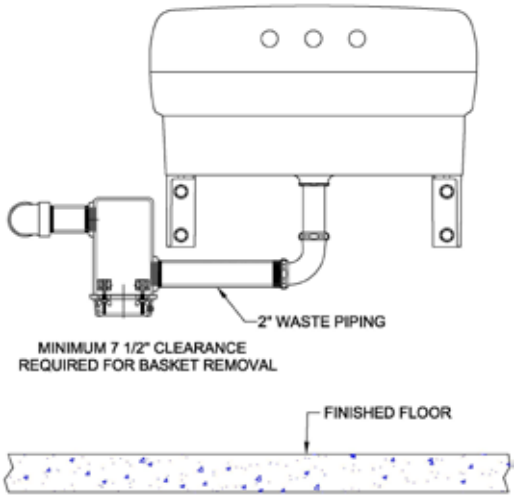
SOLIDS INTERCEPTOR STYLES		
5720 (Top Access)	**5730** (Bottom Access)	**5740** (Large Capacity)
		
5741 (Large Capacity)	**5750** (Bottom Access)	**5760** (Top Access)
		
5770 (Side Access)	**5790** (Side Access)	**5830** (Top Access)
		

TYPICAL INSTALLATIONS



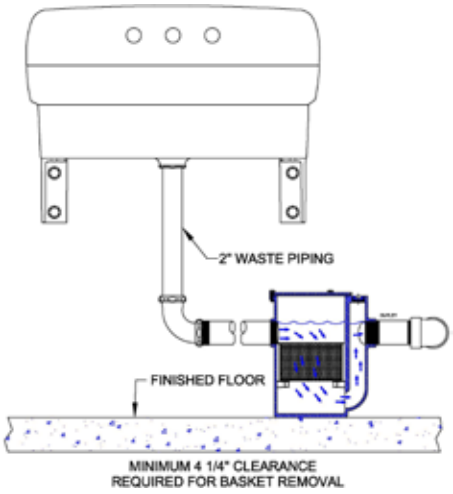
listalled on Service Sink

5720



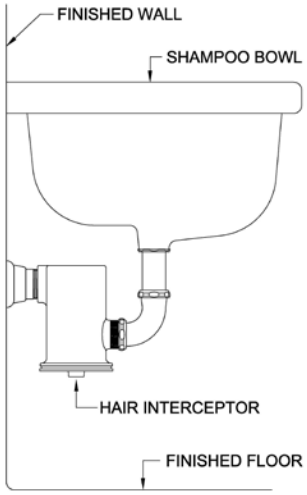
listalled on Service Sink

5730



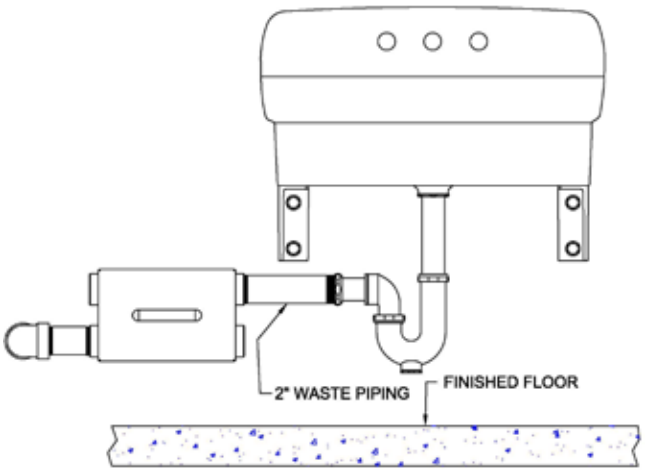
Installed on Service Sink

5740



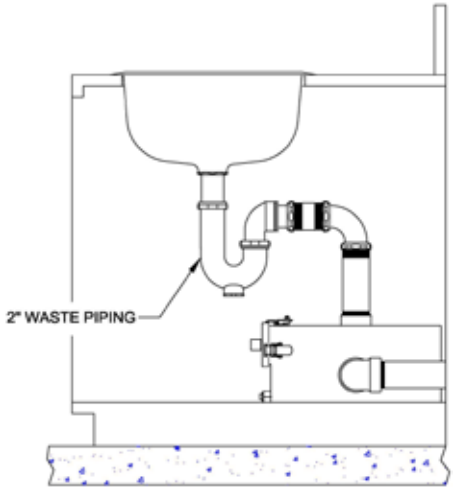
Installed on Shampoo Bowl

5750



Installed on Service Sink

5770



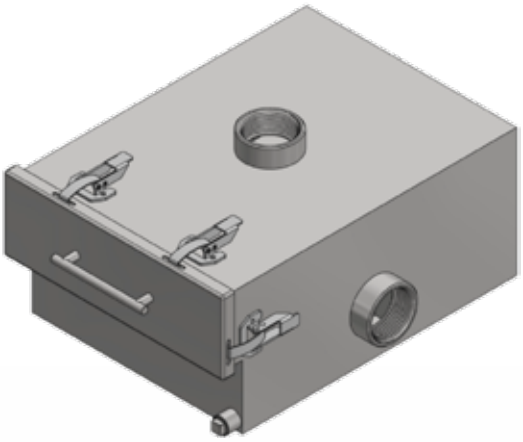
Installed on Sink Inside Counter

5790

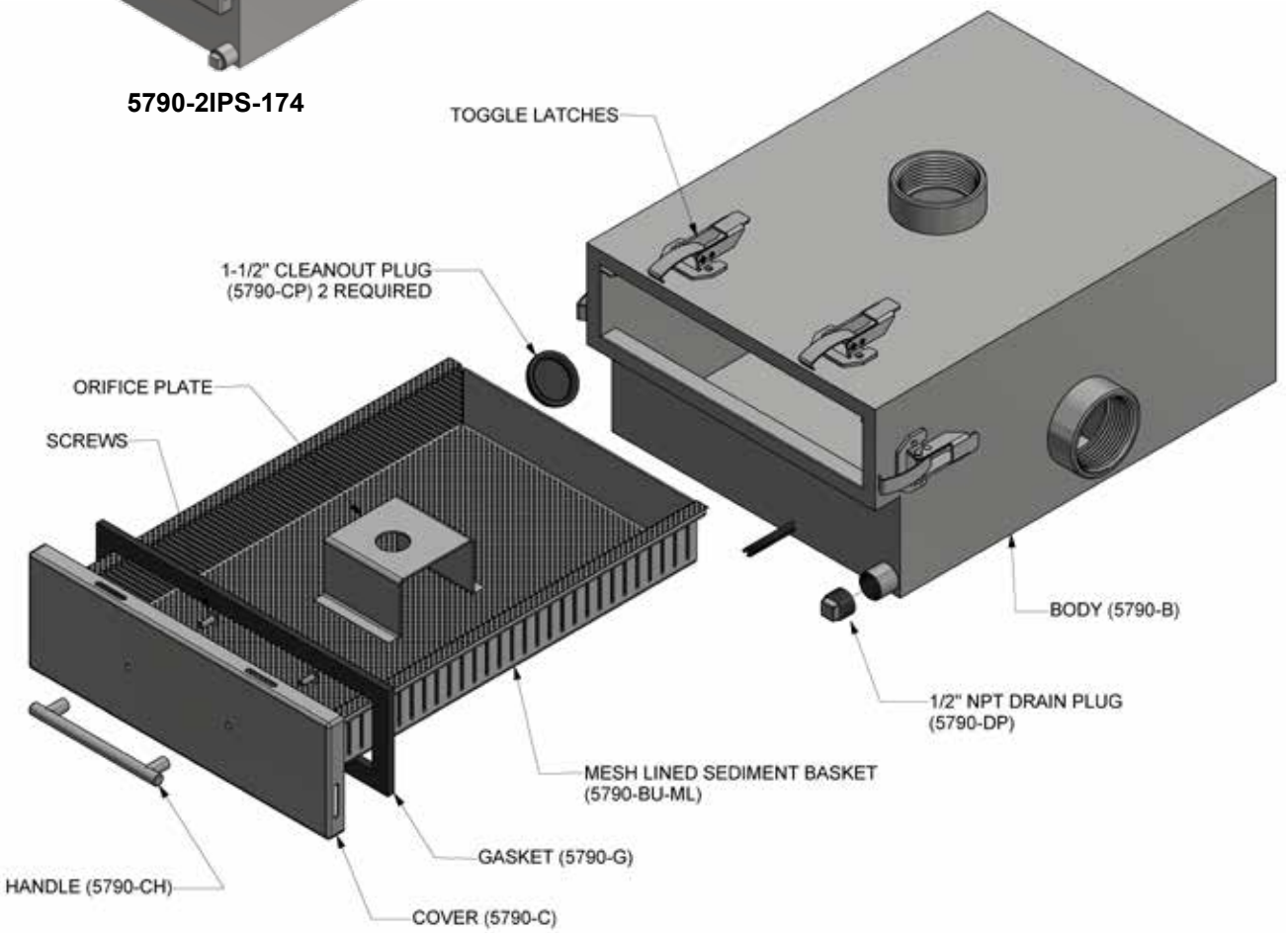
SOLIDS INTERCEPTORS

UNDER-COUNTER

The interception and retention of solids for school laboratories and art studios often present installation challenges. Materials such as grindings, ceramic waste, plaster, dental wastes, aquarium and other small gravel, jewels and precious metals are a few solids that should pass through a solids interceptor before entering the waste drain line. These solids should be intercepted to prevent clogging of the drainage lines and in some cases, retention of valuable materials for retrieval. Often the sinks in these institutions are counter mounted and space is limited. Wade offers several styles of side access solids interceptors to meet most space requirements.



5790-2IPS-174



CONSTRUCTION

Wade lint separators are built of all-welded 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 covers for heavy traffic. The cover is secured to the body with recessed bolts and includes an extra-heavy leak-proof gasket. Separating screens filter waste water, making an outside flow control or retarder unnecessary. The outlet of the separator is vented to prevent siphoning of its contents into the drainage system.

DESIGN

Wade lint interceptors are designed to protect against clogging of drain lines by preventing lint, string, stones, buttons and sediment in waste water from entering drain lines. Lint and sediment should be removed from the interceptor at regular intervals.

SIZING

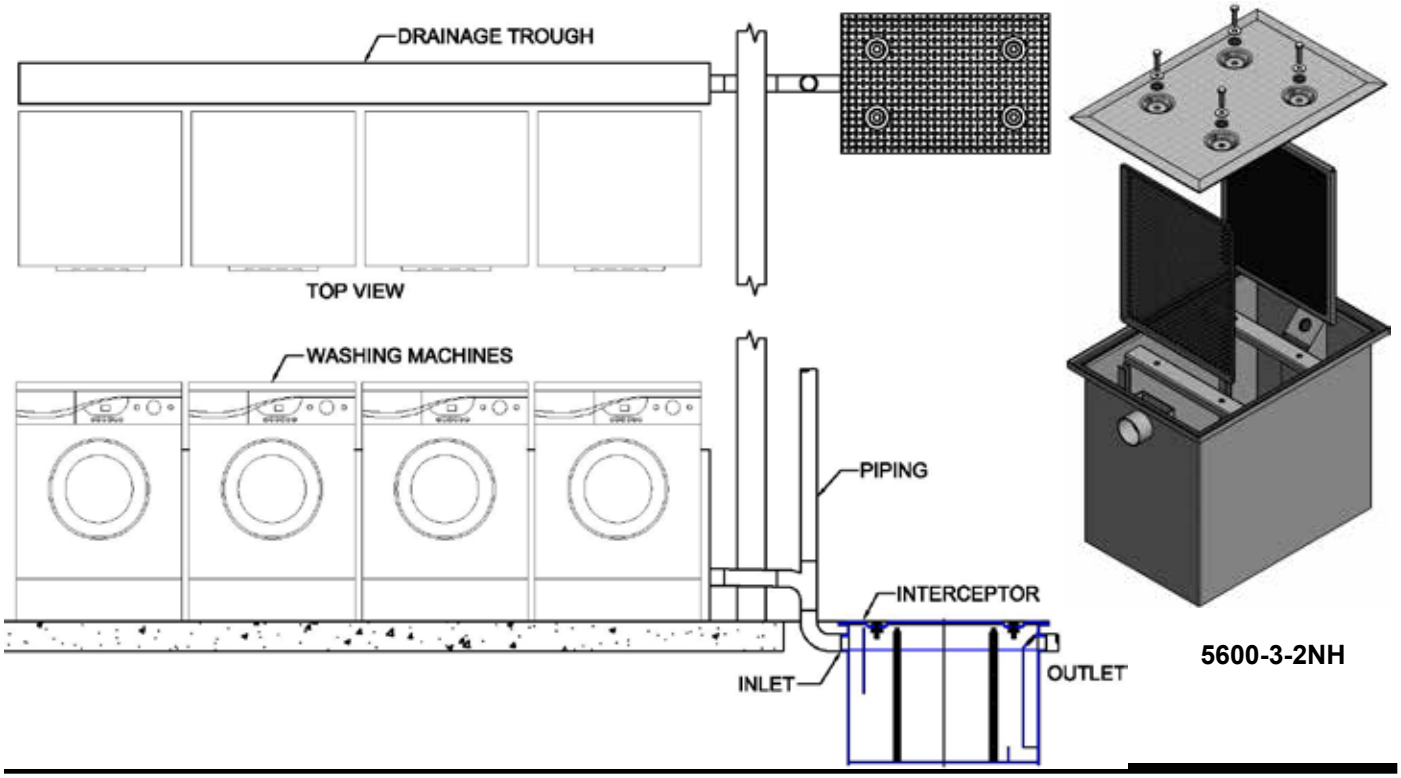
The sizing of Wade 5600 lint interceptors is based upon the number of washing machines it will service. Most coin-op washers are vertical-axis and have a Water Factor rating of 9.5 to 14; using 35 to 45 gallons per load. While many laundromats include a few large capacity horizontal-axis washers (Water Factor ratings of 6 to 8.5), these are usually a small minority of the machines installed in most facilities. Newer HEW models have a Water Factor rating of 4 to 8; using as little as 15 gallons per load. Using a worst case estimate of 45 gallons per load and all machines cycling, peak usage for each machine will be 9 gallons per minute. This estimate is based upon a 5 minute cycle. Wade interceptors are sized by the free area of screen in relation of free area of the outlet - the minimum ratio is 25:1.

OPERATION

Waste water from the washing machine flows from the inlet piping into the interceptor primary chamber, passing through the fixed primary screen then through the removable secondary screen element. Debris, and lint are trapped by the elements and water exits the interceptor into the sanitary drainage system.

MAINTENANCE

Cleaning should be done on a regular basis before screens become clogged. Remove the cover and clean debris from the primary chamber. Remove the secondary screen and clean off any lint build-up. Reinstall the screen assembly. Check the cover gasket to insure it is intact and clean. Lubricate the cover gasket periodically with a light coat of petroleum jelly. This will prevent the gasket from adhering to the cover and aids in maintaining the seal. The cover should be replaced and secured. Efficiency is directly related to a regular maintenance schedule.



5600-3-2NH

SAND INTERCEPTORS

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.

DESIGN

The Wade 5900 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 Wade 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.

CONSTRUCTION

Built of all-welded steel plate for strength and durability. Removable covers constructed of 3/16" nonskid diamond pattern tread plate 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 leak-proof and airtight gasket. Standard No-Hub 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. Protective seal outlet acceptable to all plumbing codes. All units are available in double-wall construction with leak detection if specified.

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 above.

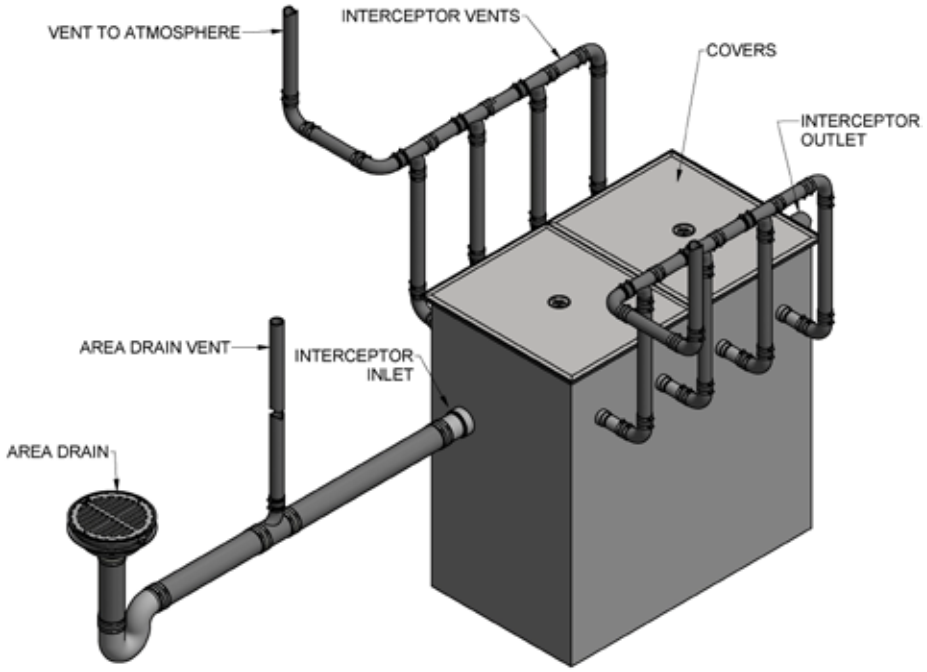
From the inlet, the waste water is directed upward and downward through the openings at varied positions in the strategically placed separating baffles on the inlet side of the separator. Then it is guided in a flow across the large end compartment. When it reaches the outlet of the unit, it is again 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.

CLEANING

It is time to clean your Wade separator when you notice a gradual slow down of the fixtures that are draining to the separator.

With normal use, you should be able to establish a cleaning cycle. However if an abnormal event occurs or a spill, the separator should be serviced.

A thorough and regular cleaning each time will assure maximum operating efficiency, and will extend the life of your separator.



SAND INTERCEPTORS

Sizing
One method for sizing is based on the facility size and the facility type:
To calculate the required volume:

Step 1 Calculate the square footage of the facility.
Step 2 Choose the type of facility type from the following chart.

No.	Facility	Sq.Ft. per Gallon	Facility Factor
1	Truck or Heavy Equipment Washes	15	0.006
2	Automatic Car Wash	50	0.0200
3	Car Wash (Hand Held)	75	0.1330
4	Machine Shop, Work Area & Automotive Shop	100	0.0100
5	Paint & Body Shop	250	0.0040
6	Print Shop	300	0.0033
7	Parking Garage (where floors are to be washed)	2,000	0.0005
8	Parking Garage (where tenant cars are to be washed)	3,000	0.0003
9	Parking Garage (no wash facility - fire sprinkler only)	4,000	0.0003

Step 3 Use the formula below to calculate the Liquid Volume of the Interceptor:

A		B		C		D		Gallons
Facility Size	X	Facility Factor	X	Conversion Factor	X	Storage Factor	=	Calculated Liquid Volume
Square Feet		(From Chart Above)		7.48		1.0		A x B x C x D

Example: If the facility size is 2,500 square feet and the type is an automatic car wash:

A		B		C		D		Gallons
Facility Size	X	Facility Factor	X	Conversion Factor	X	Storage Factor	=	Calculated Liquid Volume
2,500		0.0200		7.48		2.0		748 Gallons

Wade 5900 Series sand interceptors are sized in cubic feet capacity. (One cubic foot of water = 7.48 gallons)
Refer to chart below for capacity conversions:

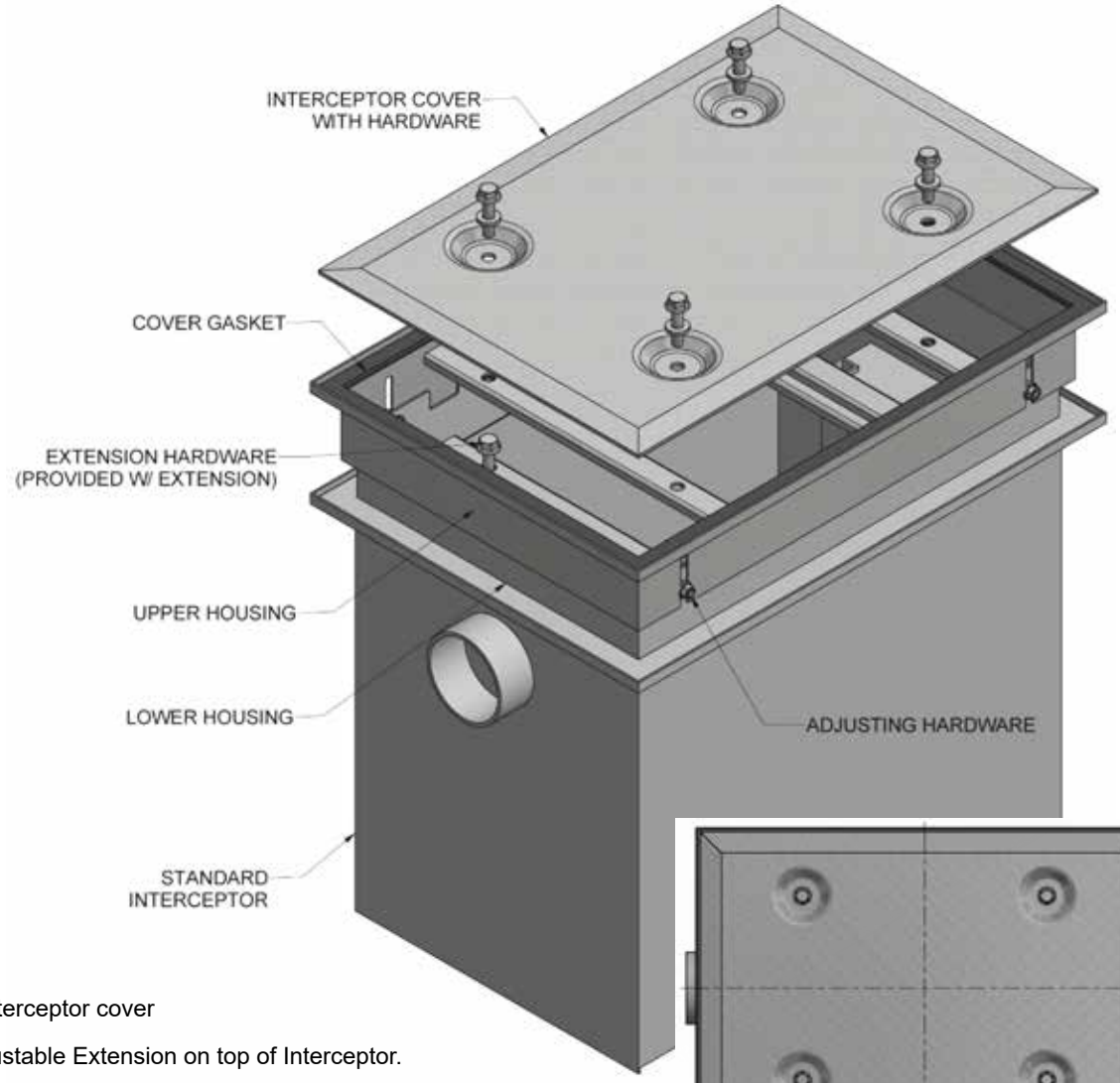
Wade 5900 Series Sand / Sediment Interceptor							
Capacity (Cubic Feet)	49	54	72	81	90	108	135
Capacity (Gallons)	366.55	403.95	538.60	605.92	673.25	807.90	1009.87
For Sizing Example Above - 108 Cubic Feet Capacity Interceptor is Required (809.9 Gallons Capacity)							

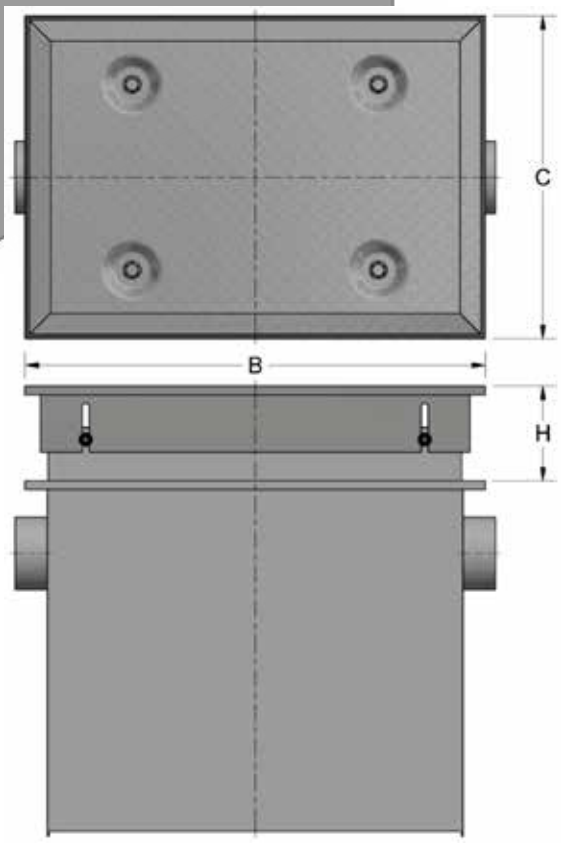
Optional Sizing Method

According to the Uniform Plumbing code, sand interceptors shall have a minimum dimension of two square feet for the net free opening of the inlet section and a minimum depth under the invert of the outlet pipe of two feet. For each 5 gallon per minute flow or fraction thereof over 20 gallons per minute, the area of the sand interceptor shall be increased by one square foot. The outlet section shall at all times have a minimum area of 50 percent of the inlet section.

5100-AE Grease Interceptor Adjustable Extension

Regularly Furnished: Fabricated A.R.C..... steel grease interceptor adjustable extension with lock down brackets cover gasket and zinc plated hardware.





Installation:

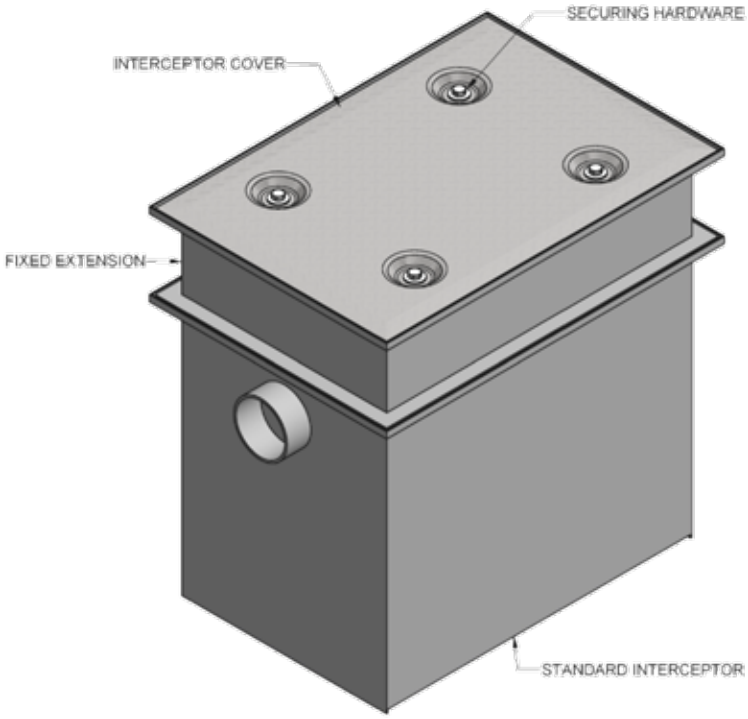
- Remove interceptor cover
- Place Adjustable Extension on top of Interceptor.
- Secure with provided hardware
- Adjust Height—Loosen adjusting hardware nuts on sides and lift upper housing into desired position. Re-tighten nuts.
- Replace existing cover into extension top recess and secure with hardware from interceptor.

Size (GPM)	Capacity (Lbs.)	Dimensions				List Price
		B	C	H		
				Min	Max	
20	40	27	18 3/4	4	6	$ 6,730.00
25	50	26	20	4	6	6,761.00
35	70	28 3/4	20	4	6	8,040.00
50	100	30	24	4	6	8,694.00
75	150	34 5/8	30 5/8	4	6	8,714.00
100	200	41 3/8	35 5/8	4	6	8,714.00

5100-XT Grease Interceptor Fixed Extension

Regularly Furnished: Fabricated A.R.C..... steel grease interceptor fixed extension. Must Specify Height on Order.

Size (GPM)	Capacity (Lbs.)	Suffix Option (Add) XT Extension	
		Up to 6"	Each 1" over 6"
10	20	$ 6,550.00	$ 330.00
15	30	6,730.00	372.00
20	40	6,730.00	419.00
25	50	6,761.00	479.00
35	70	8,040.00	523.00
50	100	8,694.00	604.00
75	150	8,714.00	604.00
100	200	8,714.00	604.00



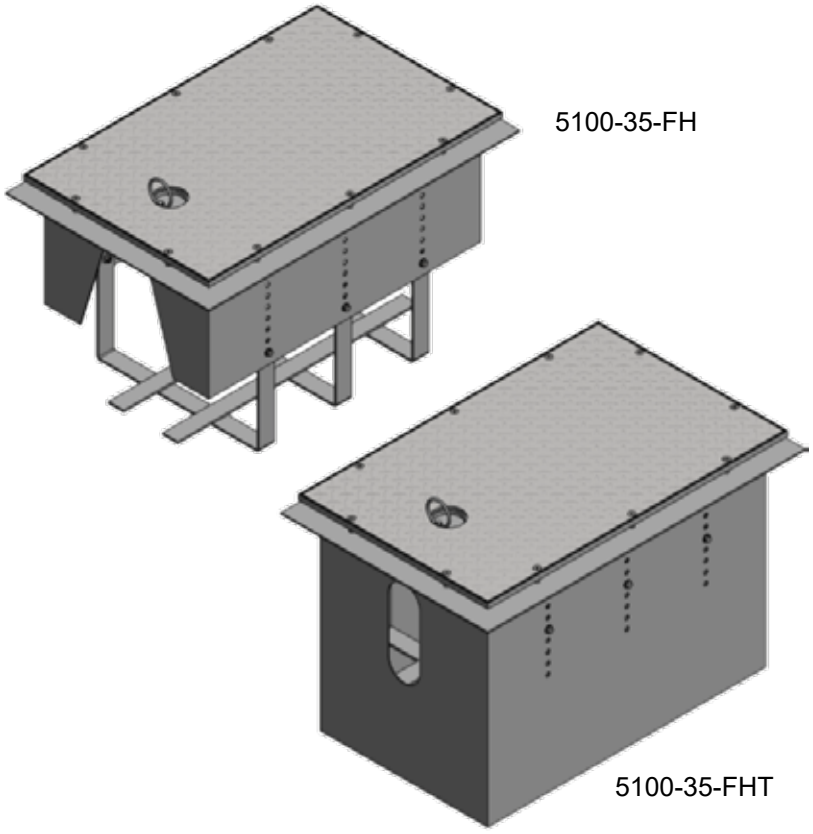
Installation:

- Remove interceptor cover
- Place Extension on top of Interceptor.
- Secure with provided hardware
- Replace existing cover into extension top recess and secure with hardware from interceptor.

5100-FH-FHT Grease Interceptor Adjustable Housing

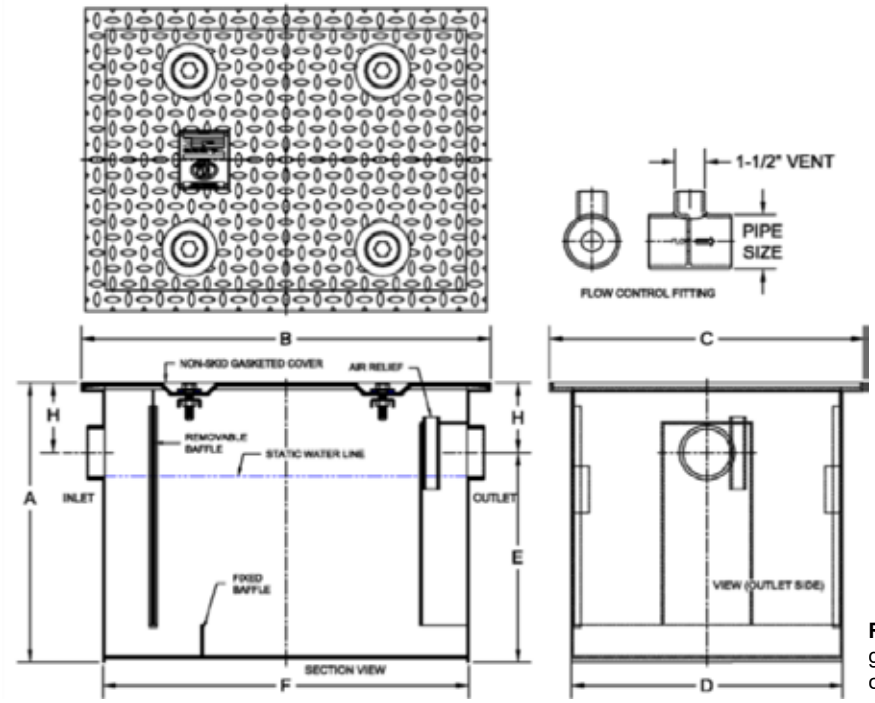
Size (GPM)	Capacity (Lbs.)	Suffix Option (Add) -FH Cradle Housing	-FHT Enclosed Housing
4	8	8,257.00	$ 9,441.00
7	14	9,457.00	10,892.00
10	20	9,857.00	11,422.00
15	30	10,553.00	12,442.00
20	40	11,228.00	13,409.00
25	50	11,465.00	13,871.00
35	70	11,522.00	15,113.00
50	100	12,704.00	15,925.00

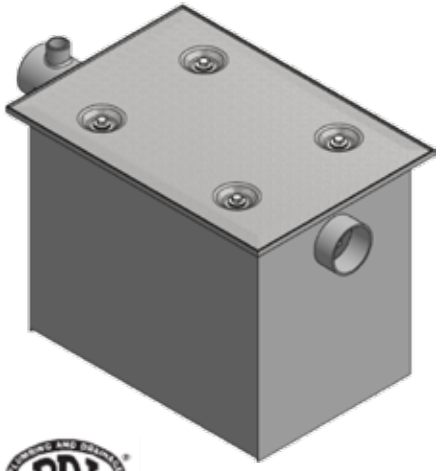
Size (GPM)	Suffix Option (Add) Length	Width	Adjustment From Top Min	Max
4	31-1/2	16-1/4	3	10-1/2
7	33-1/2	18-3/4	3	10-1/2
10	35-1/2	20-3/4	3	10-1/2
15	37-1/2	20-3/4	3	10-1/2
20	41-1/2	20-3/4	3	10-1/2
25	43-1/2	23-3/4	3	10-1/2
35	45-1/2	28-3/4	3	10-1/2
50	49-1/2	28-3/4	3	10-1/2



5100 Grease Interceptor

Please contact factory for pricing on electronic user notification systems.





5100-35-4NH

4-50 GPM Only

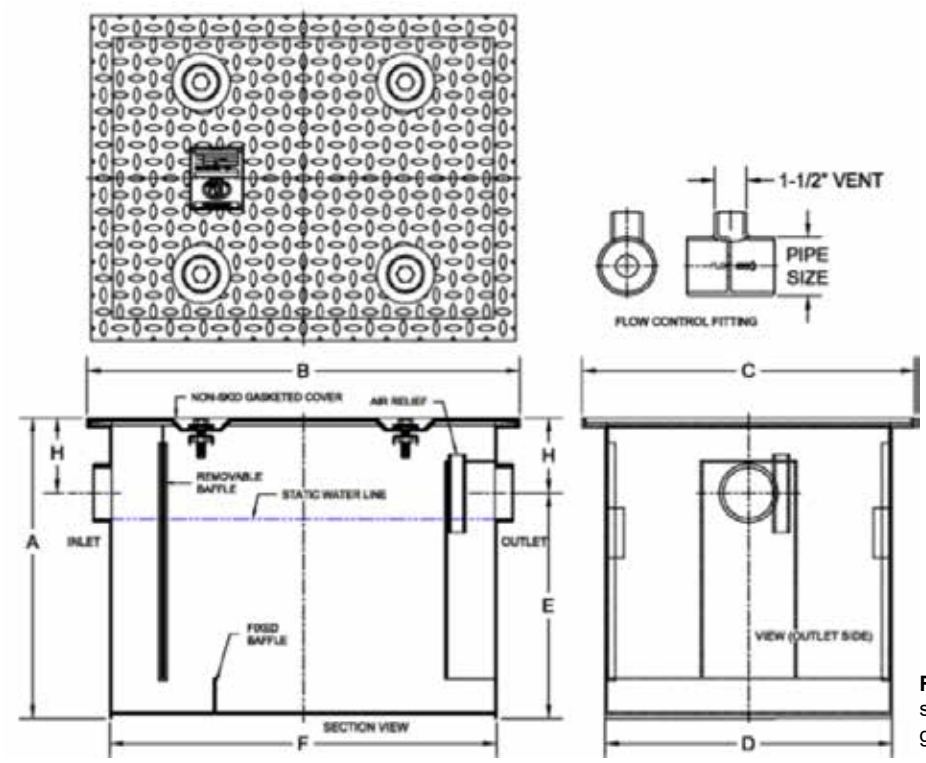
Regularly Furnished: Fabricated A.R.C. steel grease interceptor with removable baffles, gasketed cover, & external flow control fitting.

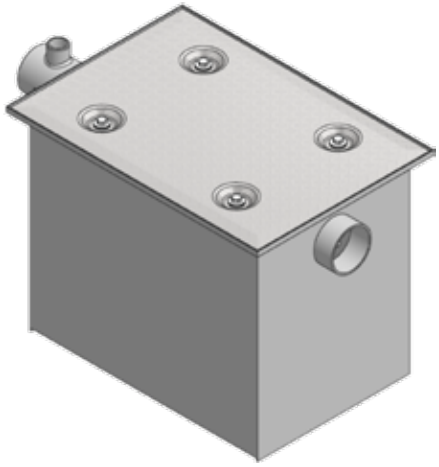
Flow Rate (GPM)	Grease Capacity (Lbs.)	Liquid Capacity (Gal.)	Dimensions (Inches)							Wt. Lbs.
			A	B	C	D	E	F	H	
4	8	4.4	10 1/2	18	13	10.25	7	15 1/4	3 1/2	40.0
7	14	5.4	12 1/8	18 3/16	13	10 1/4	8 5/8	15 1/4	3 1/2	43.0
10	20	7.3	13 1/4	20 1/8	14 3/4	12 3/8	9 3/4	17 3/8	3 1/2	59.0
15	30	11.0	13 1/4	25	17	16 1/4	9 1/4	22 1/4	4	71.0
20	40	12.6	13 1/4	27	18 3/4	16	9 3/4	24 1/4	3 1/2	90.0
25	50	19.8	18 1/2	26	20	17 1/4	14	23 1/4	4 1/2	108.0
35	70	28.6	22 1/2	28 3/4	20	17 1/4	18	25 3/4	4 1/2	129.0
50	100	37.4	22 1/2	30	24	21 1/4	18	27 1/4	4 1/2	151.0
75	150	57.1	23 3/8	34 5/8	30 5/8	27 7/8	17 1/2	31 7/8	5 7/8	156.0
100	200	106.2	27 5/8	41 3/8	35 5/8	32 7/8	22	38 5/8	5 5/8	172.0

Size / GPM	Regularly Furnished	Inlet Outlet	Suffix Options (Add)							
			HD Heavy Duty Cover	24 Anchor Flange	26 Anchor Flange/ Clamping Device	FH Cradle Housing	FHT Enclosed Housing	T Tile Recess	XT Extension	
									Up to 6'	Each 1" over 6"
4	$ 3,598.00	2IPS/2NH	-	-	-	$ 8,257.00	$ 9,441.00	-	-	-
7	4,987.00	2IPS/2NH	-	-	-	9,457.00	10,892.00	-	-	-
10	5,867.00	2IPS/2NH	$ 10,238.00	$ 2,046.00	$ 2,460.00	9,857.00	11,422.00	$ 7,308.00	$ 6,550.00	$ 330.00
15	8,685.00	2IPS/2NH	11,316.00	2,046.00	2,460.00	10,553.00	12,442.00	8,862.00	6,730.00	372.00
20	10,628.00	3IPS/3NH	11,851.00	2,207.00	2,460.00	11,228.00	13,409.00	9,909.00	6,730.00	419.00
25	11,942.00	3IPS/3NH	12,515.00	2,297.00	2,744.00	11,465.00	13,871.00	11,454.00	6,761.00	479.00
35	14,756.00	4IPS/4NH	17,219.00	2,413.00	2,847.00	11,522.00	15,113.00	14,059.00	8,040.00	523.00
50	19,541.00	4IPS/4NH	18,894.00	2,460.00	3,240.00	12,704.00	15,925.00	19,535.00	8,694.00	604.00
75	34,969.00	4NH	22,474.00	3,225.00	5,320.00	15,034.00	19,500.00	POA	8,714.00	608.00
100	39,338.00	4NH	25,629.00	3,866.00	5,959.00	19,340.00	23,854.00	POA	8,714.00	608.00

5101 Grease Interceptor (Replaces 5100-SS)

Please contact factory for pricing on electronic user notification systems.





5101-35-4NH

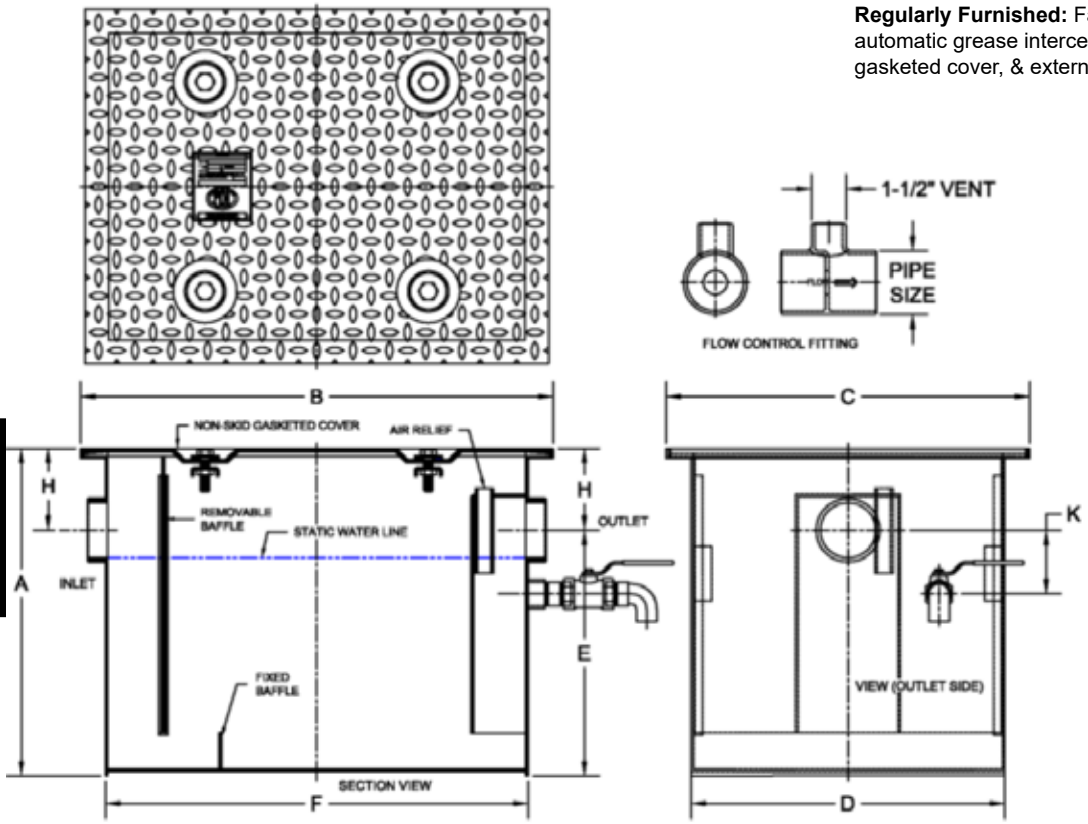
4-50 GPM Only

Regularly Furnished: Fabricated stainless steel grease interceptor with removable baffles, gasketed cover, & external flow control fitting.

Dimensions (In.)										
Flow Rate (GPM)	Grease Capacity (Lbs.)	Liquid Capacity (Gal.)	A	B	C	D	E	F	H	Wt. Lbs.
4	7	3.7	10 1/2	18	13	10 1/4	7	15 1/4	3 1/2	40.0
7	14	5.4	12 1/8	18 3/16	13	10 1/4	8 5/8	15 1/4	3 1/2	43.0
10	20	7.3	13 1/4	20 1/8	14 3/4	12 3/8	9 3/4	17 3/8	3 1/2	55.0
15	30	11.0	13 1/4	25	17	16 1/4	9 1/4	22 1/4	4	71.0
20	40	12.6	13 1/4	27	18 3/4	16	9 3/4	24 1/4	3 1/2	80.0
25	50	19.8	18 1/2	26	20	17 1/4	14	23 1/4	4 1/2	103.0
35	70	28.6	22 1/2	28 3/4	20	17 1/4	18	25 3/4	4 1/2	120.0
50	100	37.4	22 1/2	30	24	21 1/4	18	27 1/4	4 1/2	148.0

Size GPM	Pipe Size	Regularly Furnished	Suffix Options (Add)							
			HD Heavy Duty Cover	24 Anchor Flange	26 Anchor Flange w/ Clamping Device	FH Cradle Housing	FHT Enclosed Housing	T Tile Recess	XT Extension	
									Up to 6"	Each 1" over 6"
4	2IPS/2NH	$ 8,988.00	$ 17,676.00	-	-	$ 20,635.00	$ 23,595.00	-	-	-
7	2IPS/2NH	12,477.00	19,797.00	-	-	23,635.00	27,256.00	-	-	-
10	2IPS/2NH	14,655.00	21,280.00	$ 5,113.00	$ 6,151.00	24,629.00	28,553.00	$ 7,308.00	$ 16,366.00	$ 815.00
15	2IPS/2NH	21,710.00	22,896.00	5,113.00	6,151.00	26,368.00	31,094.00	8,862.00	16,815.00	921.00
20	3IPS/3NH	26,567.00	24,239.00	5,507.00	6,151.00	28,068.00	33,509.00	9,909.00	16,815.00	1,037.00
25	3IPS/3NH	29,843.00	25,588.00	5,748.00	6,845.00	28,791.00	34,661.00	11,454.00	17,925.00	1,175.00
35	4IPS/4NH	36,887.00	28,280.00	6,019.00	7,388.00	30,062.00	37,774.00	14,059.00	20,095.00	1,301.00
50	4IPS/4NH	48,849.00	29,631.00	6,151.00	8,096.00	31,752.00	39,797.00	19,535.00	21,737.00	1,519.00

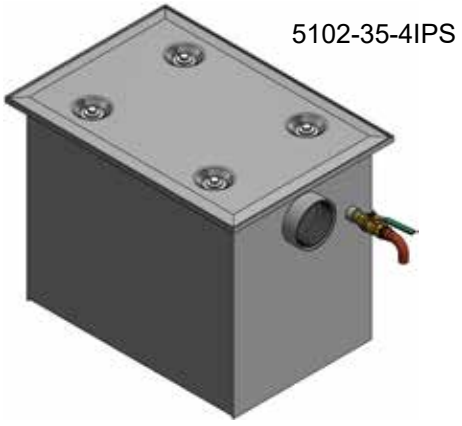
5102 Semi Automatic Grease Interceptor (Replaces 5100-GT)



Regularly Furnished: Fabricated A.R.C. steel, semi automatic grease interceptor with removable baffles, gasketed cover, & external flow control fitting.

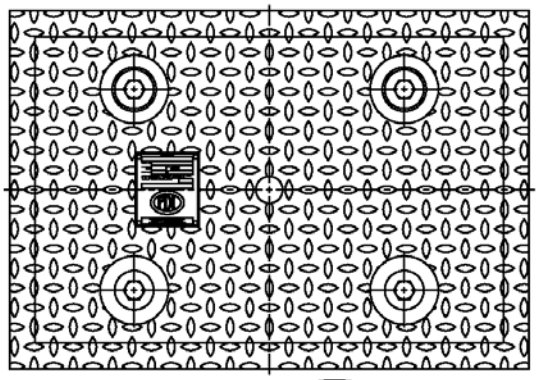
Dimensions (In.)											
Flow Rate (GPM)	Grease Capacity (Lbs.)	Liquid Capacity (Gal.)	A	B	C	D	E	F	H	K	Wt. Lbs.
7	14	5.4	12 1/8	18 3/16	13	10 1/4	8 5/8	15 1/4	3 1/2	2	55.0
10	20	7.3	13 1/4	20 1/8	14 3/4	12 3/8	9 3/4	17 3/8	3 1/2	2 1/2	71.0
15	30	11.0	13 1/4	25	17	16 1/4	9 1/4	22 1/4	4	2 1/2	80.0
20	40	12.6	13 1/4	27	18 3/4	16	9 3/4	24 1/4	3 1/2	2 1/2	103.0
25	50	19.8	18 1/2	26	20	17 1/4	14	23 1/4	4 1/2	3	120.0
35	70	28.6	22 1/2	28 3/4	20	17 1/4	18	25 3/4	4 1/2	3	148.0
50	100	37.4	22 1/2	30	24	21 1/4	18	27 1/4	4 1/2	3	155.0
75	150	57.1	23 3/8	34 5/8	30 5/8	27 7/8	17 1/2	31 7/8	5 7/8	3	170.0

Size / GPM	Regularly Furnished	Inlet Outlet	Suffix Options (Add)	
			FH Cradle Housing	FHT Enclosed Housing
7	$ 7,152.00	2IPS/2NH	$ 9,457.00	$ 10,892.00
10	9,473.00	2IPS/2NH	9,857.00	11,422.00
15	10,719.00	2IPS/2NH	10,553.00	12,442.00
20	13,169.00	3IPS/3NH	11,228.00	13,409.00
25	16,279.00	3IPS/3NH	11,465.00	13,871.00
35	18,240.00	4IPS/4NH	11,522.00	15,113.00
50	21,701.00	4IPS/4NH	12,704.00	15,925.00
75	26,698.00	4NH	12,704.00	15,925.00

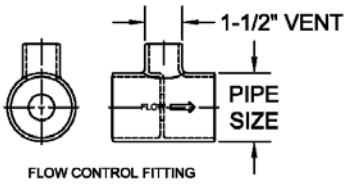


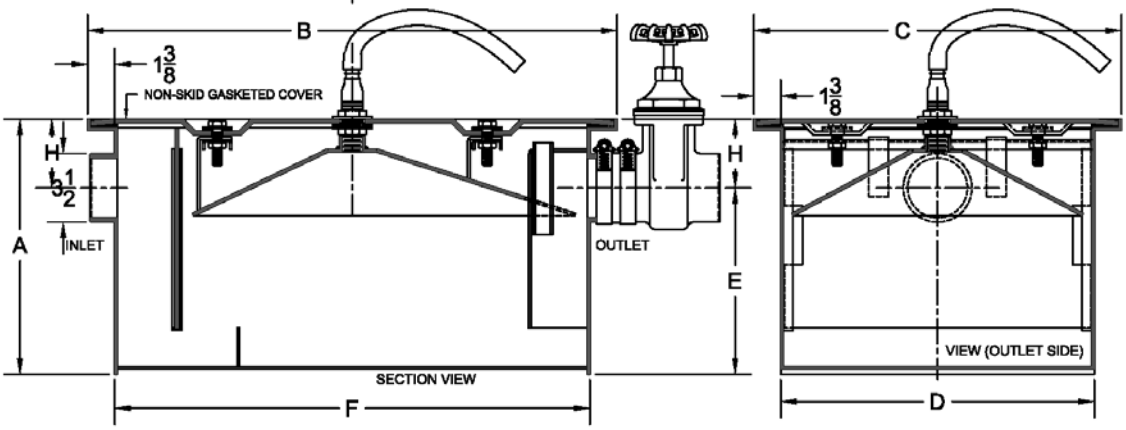
5102-35-4IPS

5103 Semi-Automatic Grease Interceptor (Replaces 5100-JCX)



Regularly Furnished: Fabricated A.R.C. steel, semi automatic grease interceptor with removable baffles, gasketed cover, & external flow control fitting.





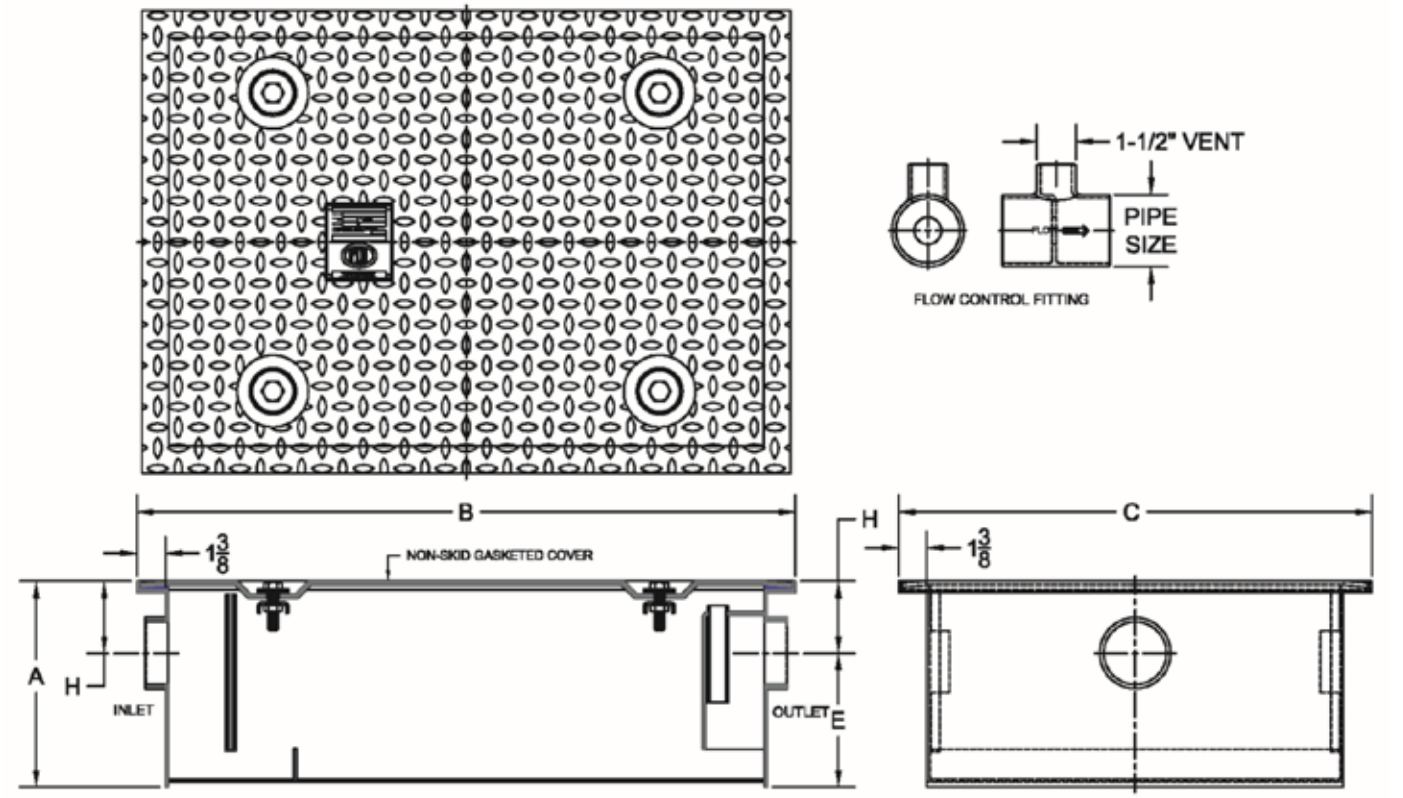
Dimensions (In.)										
Flow Rate (GPM)	**Grease Capacity (Lbs.)**	**Liquid Capacity (Gal.)**	**A**	**B**	**C**	**D**	**E**	**F**	**H**	**Wt. Lbs.**
4	7	3.7	10 1/2	18	13	10 1/4	7	15 1/4	3 1/2	68.0
7	14	5.4	12 1/8	18 3/16	13	10 1/4	8 5/8	15 1/4	3 1/2	75.0
10	20	7.3	13 1/4	20 1/8	14 3/4	12 3/8	9 3/4	17 3/8	3 1/2	95.0
15	30	11.0	13 1/4	25	17	16 1/4	9 1/4	22 1/4	4	115.0
20	40	12.6	13 1/4	27	18 3/4	16	9 3/4	24 1/4	3 1/2	125.0
25	50	19.8	18 1/2	26	20	17 1/4	14	23 1/4	4 1/2	155.0
35	70	28.6	22 1/2	28 3/4	20	17 1/4	18	25 3/4	4 1/2	220.0
50	100	37.4	22 1/2	30	24	21 1/4	18	27 1/4	4 1/2	235.0
75	150	57.1	23 3/8	34 5/8	30 5/8	27 7/8	17 1/2	31 7/8	5 7/8	285.0

Size / GPM	**Regularly Furnished**	**Inlet Outlet**	**Suffix Options (Add)**	
			FH Cradle Housing	**FHT Enclosed Housing**
7	$ 12,759.00	2IPS/2NH	$ 9,457.00	$ 10,892.00
10	15,086.00	2IPS/2NH	9,857.00	11,422.00
15	16,097.00	2IPS/2NH	10,553.00	12,442.00
20	20,662.00	3IPS/3NH	11,228.00	13,409.00
25	23,967.00	3IPS/3NH	11,465.00	13,871.00
35	24,593.00	4IPS/4NH	11,522.00	15,113.00
50	28,079.00	4IPS/4NH	12,704.00	15,925.00
75	32,720.00	4NH	12,704.00	15,925.00

5103-35-4IPS



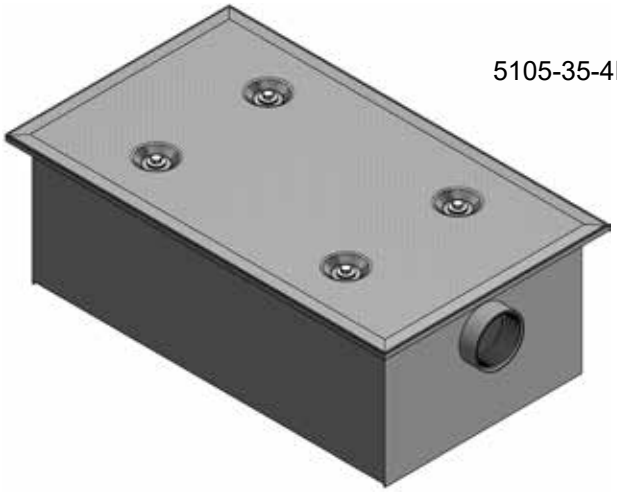
5105 Low Profile Grease Interceptor (Replaces 5100-LR)



Dimensions (In.)									
Flow Rate (GPM)	Grease Capacity (Lbs.)	Liquid Capacity (Gal.)	A	B	C	D	E	H	Wt. Lbs.
15	30	8.2	11	23	17	14 1/4	7 1/2	3 1/2	64.0
20	40	13.4	10 1/4	32	23	20 1/4	6 3/4	3 1/2	127.0
35	70	29.3	13 1/2	39	23	20 1/4	8 3/4	4 3/4	170.0
50	100	39.0	16	52 1/4	23	20 1/4	11	5	220.0

Size / GPM	Inlet / Outlet	Regularly Furnished
15	2IPS/2NH	$ 12,149.00
20	3IPS/3NH	14,330.00
35	4IPS/4NH	18,449.00
50	4IPS/4NH	31,259.00

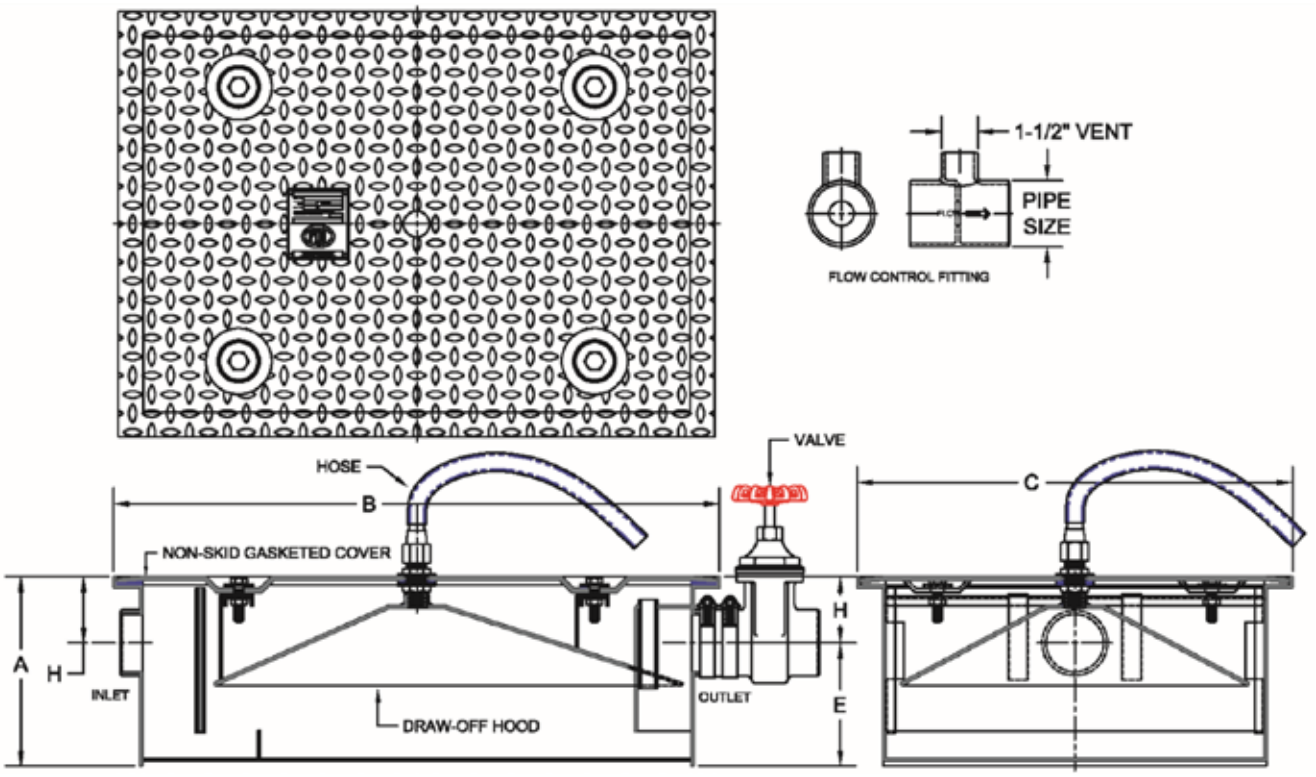
4-50 GPM Only



5105-35-4IPS

Regularly Furnished: Low profile fabricated A.R.C. steel, grease interceptor with removable baffles, gasketed cover, & external flow control fitting.

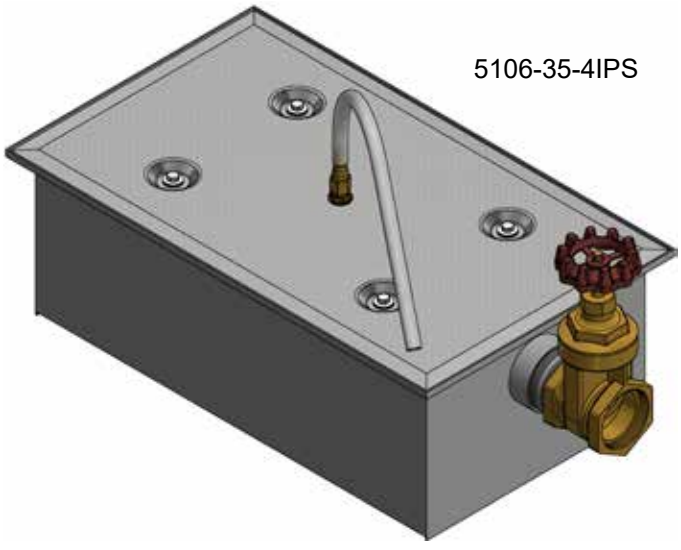
5106 Semi-Automatic Low Profile Grease Interceptor (Replaces 5100-JCX-LR)



Dimensions (In.)									
Flow Rate (GPM)	Grease Capacity (Lbs.)	Liquid Capacity (Gal.)	A	B	C	D	E	H	Wt. Lbs.
15	30	8.2	11	23	17	14 1/4	7 1/2	3 1/2	139.0
20	40	13.4	10 1/4	32	23	20 1/4	6 3/4	3 1/2	142.0
35	70	29.3	13 1/2	39	23	20 1/4	8 3/4	4 3/4	185.0
50	100	39.0	16	52 1/4	23	20 1/4	11	5	235.0

Size / GPM	Inlet / Outlet	Regularly Furnished
15	2IPS/2NH	$ 13,207.00
20	3IPS/3NH	23,837.00
35	4IPS/4NH	33,604.00
50	4IPS/4NH	41,220.00

5106-35-4IPS



Regularly Furnished: Semi-Automatic, Low profile, fabricated A.R.C. steel, grease interceptor with removable baffles, gasketed cover, & external flow control fitting.

GGX7-35



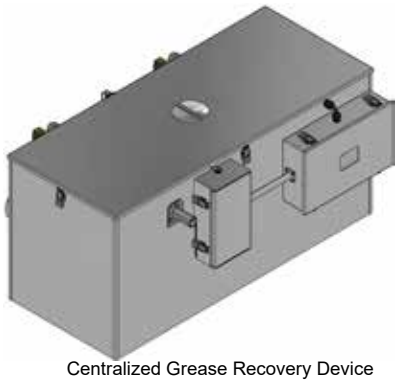
Point Source Grease Recovery Device
7-35 GPM

GGX50



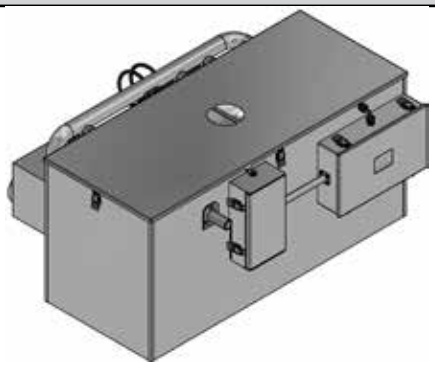
Point Source Grease Recovery Device
50 GPM

GGX75-IS



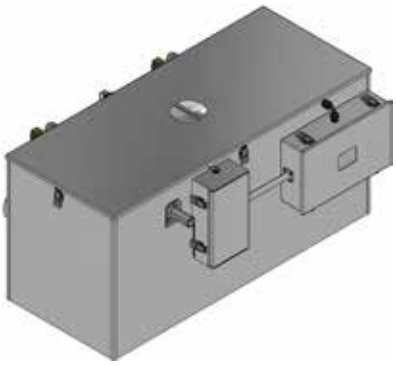
Centralized Grease Recovery Device
75 GPM

GGX75-AST



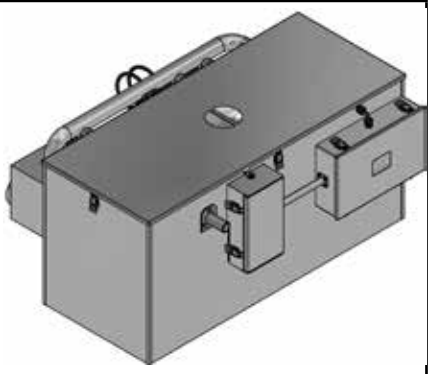
Centralized Grease Recovery Device
75 GPM

GGX125-IS



Centralized Grease Recover Device
125 GPM

GGX125-AST



Centralized Grease Recovery Device
125 GPM

ST1



Sink Guardian

ST2



Coffee Guardian

ST4



Coffee Guardian

ST8



Food Guardian

ST12



Food Guardian

ST23



Food Guardian

ST1 Sink Guardian

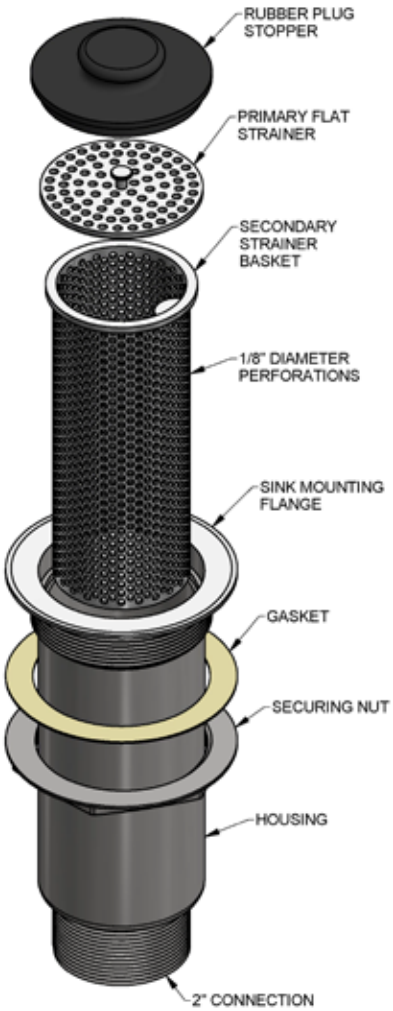
Sink Guardian Model ST1 is a self contained solids removal unit designed to mount in compartment sinks commonly found in commercial kitchens. The 304 stainless steel housing contains a dual filter element arrangement - (1) Primary Perforated Flat Filter and (2) Perforated Stainless Steel Secondary Basket Filter. A rubber stopper plug is provided standard.

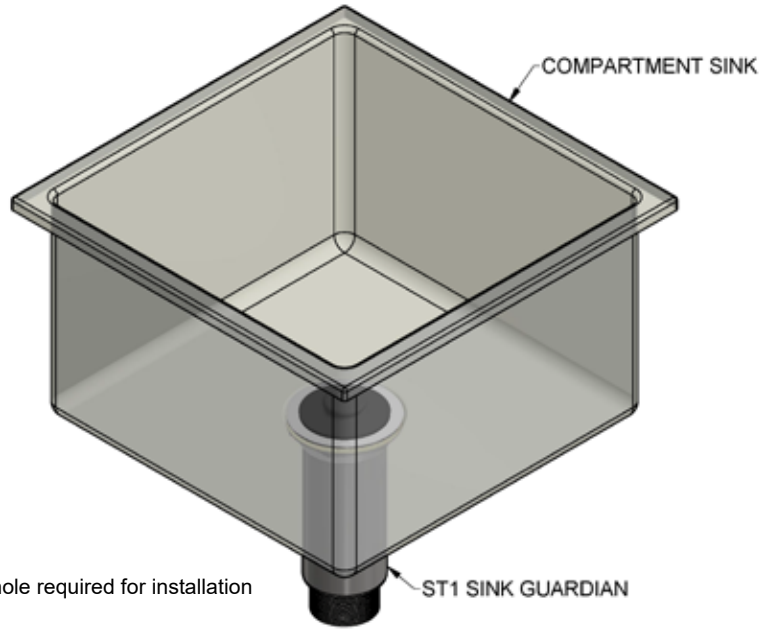
Installation

- The Sink Guardian should be positioned beneath the compartment sink in the outlet.
- Remove the securing nut and gasket from the ST1 housing
- Install the Sink Guardian from the top, seating the flange into a generous bead of plumbers putty in the sink recess.
- Re-install the gasket and securing nut from underneath and tighten.
- Connect the waste piping to the waste outlet on the ST1 housing.
- Ensure that a gravity fall is provided in the horizontal piping per local plumbing code.



Model No.	Pipe Size	Strainer Capacity (Cu. In.)	Capacity (Gallons)	Wt. Lbs.	List Price
ST1	2” IPS	5.9	0.05	4.3	P.O.A.



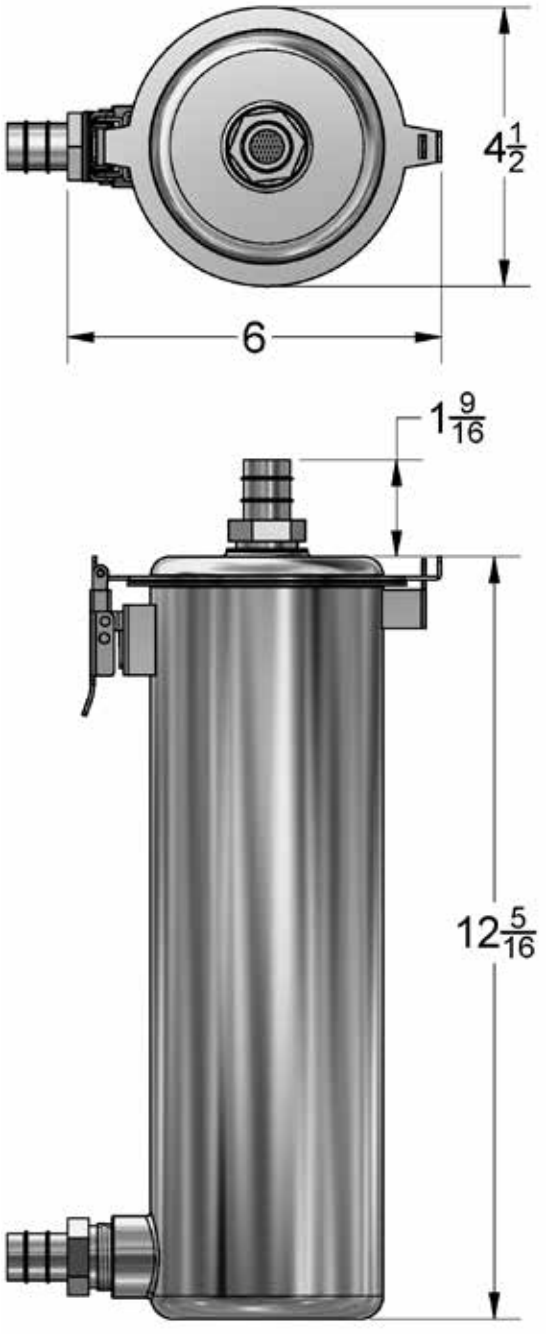


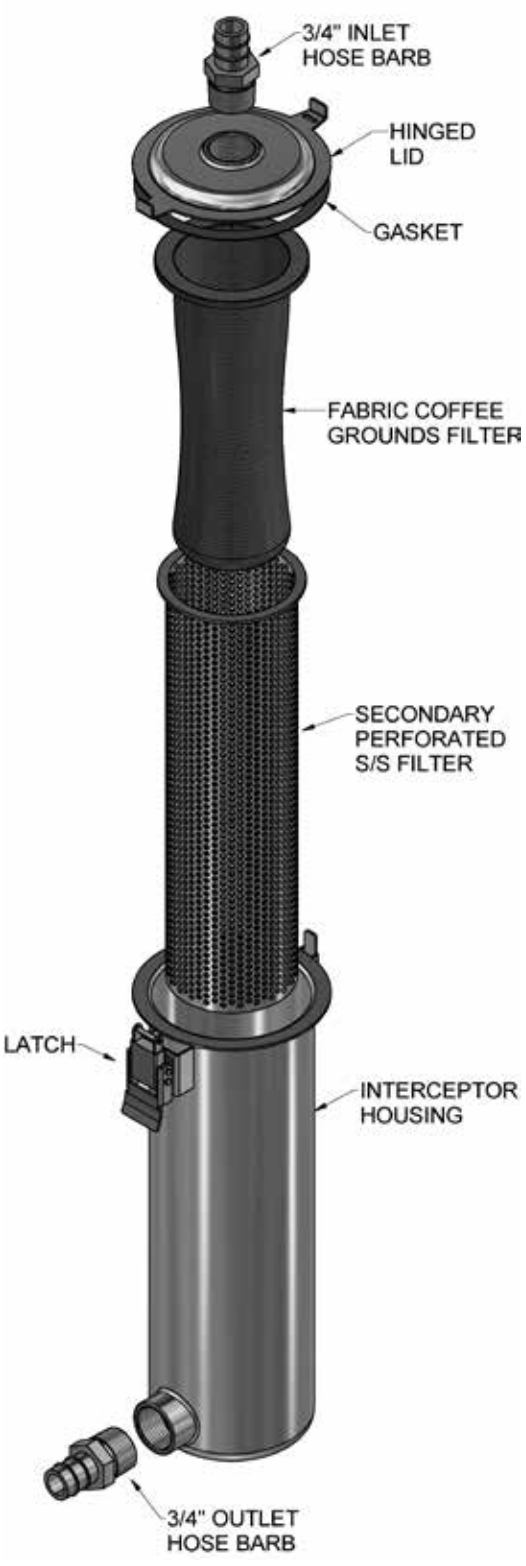
Note: 3.5” hole required for installation

ST2 Coffee Guardian

Coffee Guardian Model ST2 is a self contained coffee grind removal unit. The 304 stainless steel housing contains a dual filter element arrangement - (1) Fabric Primary Filter and (2) Perforated Stainless Steel Secondary Filter. A quick latch hinged lid allows easy access for filter cleaning and replacement. 3/4" Hose barb fittings are provided for both inlet and outlet for connection with flexible waste tubing. Two brackets are provided for easy installation.

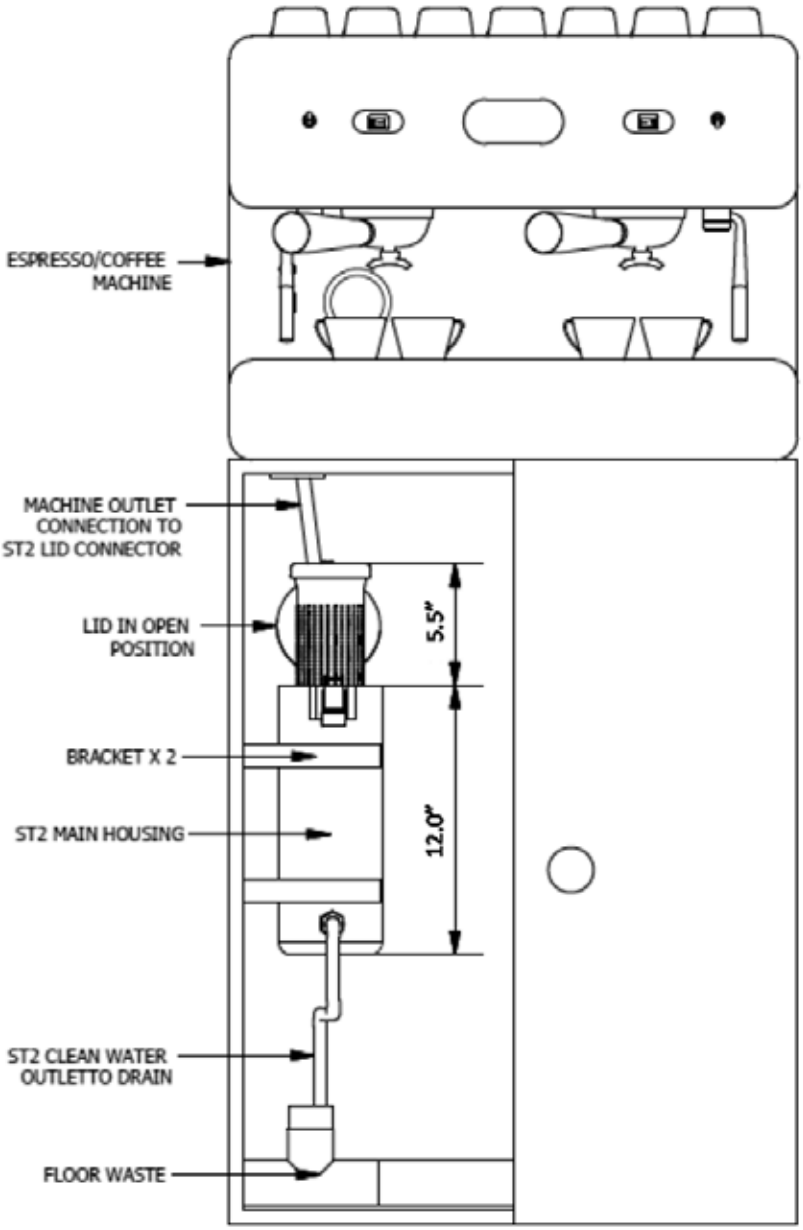
Model No.	Filter Capacity (Lbs.)	Capacity (Gallons)	Wt. Lbs.	List Price
ST2	2.2	0.7	5.1	P.O.A.
Replacement Parts				
FB	Fabric Coffee Filter Bags			





ST2 Coffee Guardian - Typical Installation





Installation

- The Coffee Guardian should be positioned in the cabinet beneath the coffee machine using the provided brackets.
- The ST2 should be positioned close to the front of the cabinet for ease of inspection and maintenance.
- Ensure clearance is provided for opening the hinged lid and filter removal. (5-1/2”)
- Connect flexible waste hose on the coffee machine to the inlet barb.
- Connect flexible waste hose to the waste outlet p-trap.
- Ensure that a gravity fall is provided between the ST2 and the trap per local plumbing code.

Maintenance

The fabric filter can be replaced without removing the internal stainless steel perforated filter.

100 Days of operation x 10 Grams = 2.2 Pounds.

The ST2 Filter capacity is 2.2 Lbs., therefore the fabric filter would need replacing every 100 days.

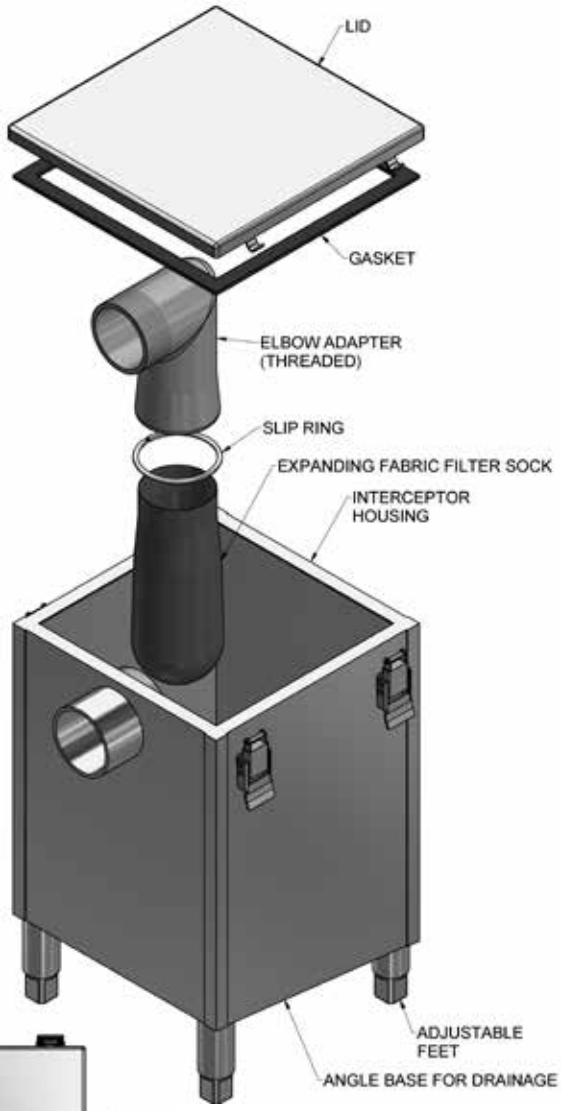
Periodic cleaning of the stainless steel filter is recommended. To enable this the ST2 can be completely un-clipped from the wall brackets. After cleaning, the stainless steel filter can be snapped back into place.

Replacement Efficiency Guide	
Cups of Coffee	**Weight**
1	0.1 Gram
100	10 Grams

ST4 Coffee Guardian

Coffee Guardian Model ST4 is a self contained coffee grind removal unit. The 304 stainless steel housing contains a filter sock element arrangement or can be specified with an optional stainless steel perforated basket. A quick latch lid allows easy access for filter cleaning and replacement. Adjustable feet on the housing allow for alignment and leveling.

Model No.	Style	Pipe Size	Wt.Lbs.	List Price
ST4-FB	w/ Filter Bag	2”	15.8	P.O.A.
ST4-SB	w/ Sediment Basket	2”	17.5	P.O.A.
Replacement Parts				
FB1	Filter Socks (10/Box)			P.O.A.



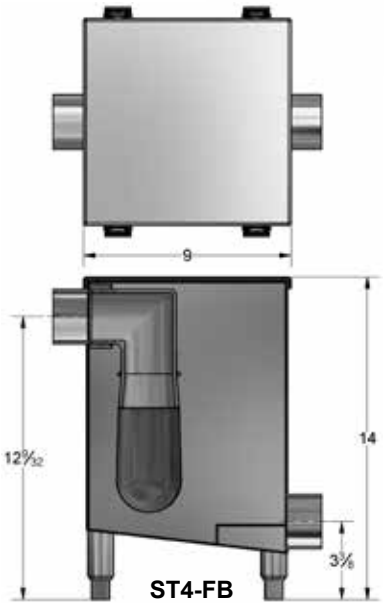
Installation

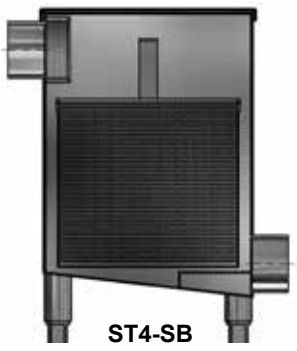
- The Coffee Guardian should be connected to a sink waste pipe using the 2” elastomer coupling (provided).
- Ensure adequate clearance is provided for removal of the fabric filter (8”) or the strainer basket (10”) as indicated on the drawings.
- Provide gravity fall of a minimum of 1/8” per foot in the connected waste water outlet piping.
- The ST2 Coffee Guardian is a ‘dry’ tank - it does not require a fill level after installation.
- The ST4 is supplied with adjustable feet for precise alignment on the inlet and outlet piping.

Product Characteristics			
Specification	**Tank**	**Fabric Filter**	**S/S Basket**
Material	18Ga. 304 S/S	Elasthan	S/S 1/8” Perf.
Volume	4.35 Gal.	2.2 Lbs.	15.4 Lbs.

Maintenance

- Fabric filter (if used) should be replaced when the sock expands to twice its original size, or when the sink drainage is noticeably reduced.
- To replace the filter, remove the lid and remove the sock filter from the down pipe by lifting the slip ring upwards which will release the filter sock.
- Dispose of the filter and contents.
- Re-install a new filter sock by sliding the slip ring over the sock neck lining.

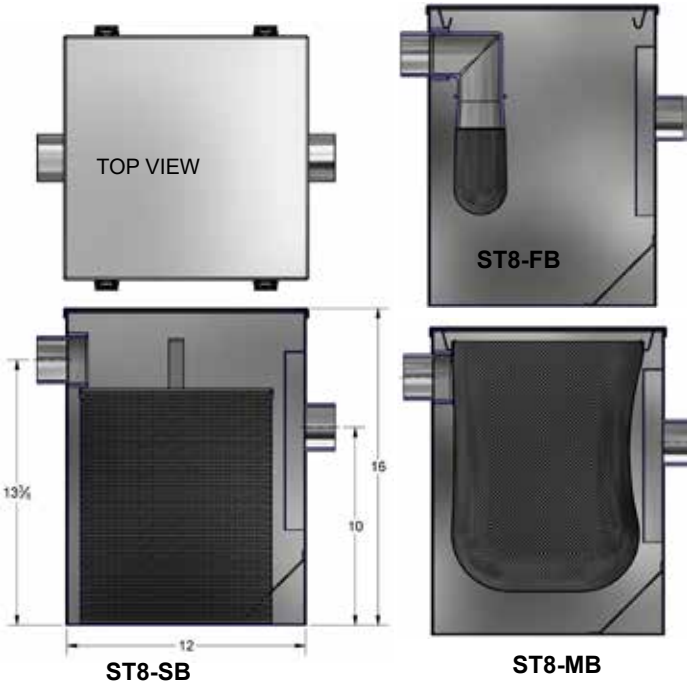




ST8 Food Guardian

Food Guardian Model ST8 is a self contained solids removal unit. The 304 stainless steel housing contains a filter sock element arrangement or can be specified with an optional stainless steel perforated basket or a large capacity mesh bag element. A quick latch lid allows easy access for filter cleaning and replacement.

Model No.	Style	Inlet/Outlet	Wt.Lbs.	List Price
ST8-FB	w/ Filter Bag	2NH	24.4	P.O.A.
ST8-SB	w/ Sediment Basket	2NH	29.6	P.O.A.
ST8-MB	w/ Mesh Bag	2NH	23.0	P.O.A.
Replacement Parts				
FB	Fliter Bag			P.O.A.
MB	Mesh Bag			P.O.A.



Installation

- The Food Guardian should be connected to a sink waste pipe using the 2” elastomer coupling (provided).
- Ensure adequate clearance is provided for removal of the fabric filter (10”) or the strainer basket (14”) or the mesh bag (12”) as indicated on the drawings.
- Provide gravity fall of a minimum of 1/8” per foot in the connected waste water outlet piping.
- The ST8 is supplied with a plugged drain outlet for ease of maintenance.

Product Characteristics			
Specification	**Tank**	**Mesh Filter**	**S/S Basket**
Material	18Ga. 304 S/S	Elasthan	S/S 1/8” Perf.
Volume	6.85 Gal.	17.6 Lbs.	17.6 Lbs.

Maintenance

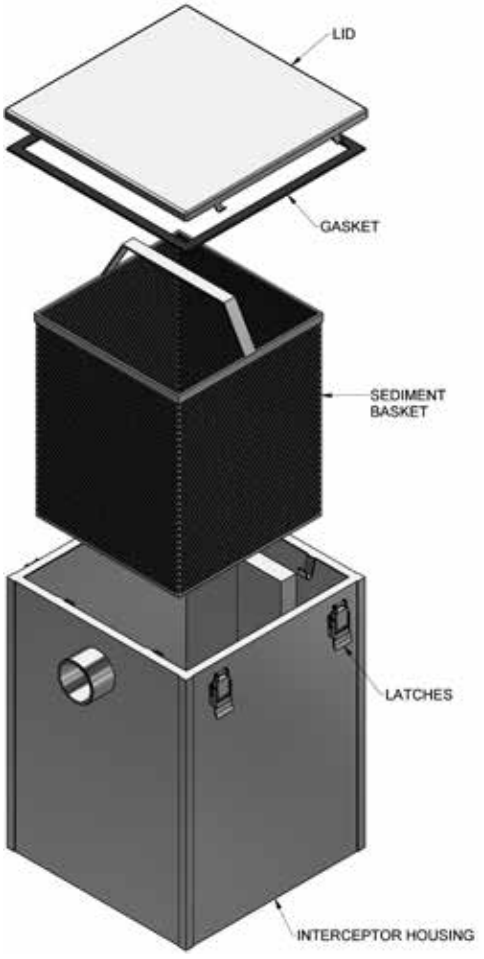
Fabric Filter Version (if used) should be replaced when the sock expands to twice its original size, or when the sink drainage is noticeably reduced.

To replace the filter, remove the lid and remove the sock filter from the down pipe by lifting the slip ring upwards which will release the filter sock. Dispose of the filter and contents.

Re-install a new filter sock by sliding the slip ring over the sock neck lining.

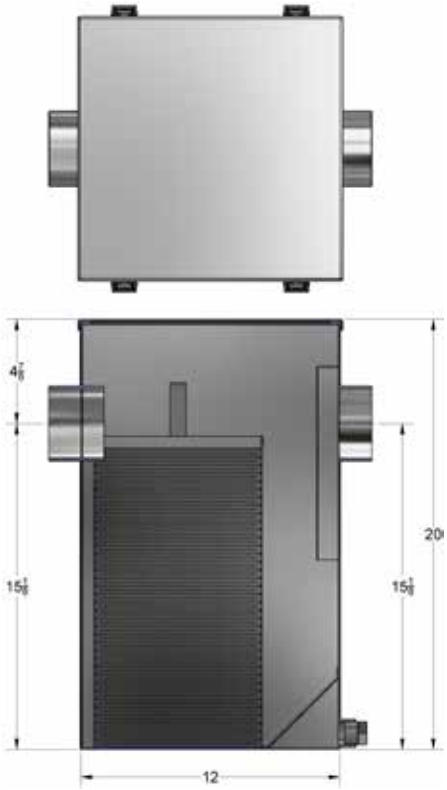
Sediment Basket Version. Remove lid, drain tank and lift out basket. Clean basket by rinsing with water before re-installation. Maintenance should be performed when basket is 3/4 full.

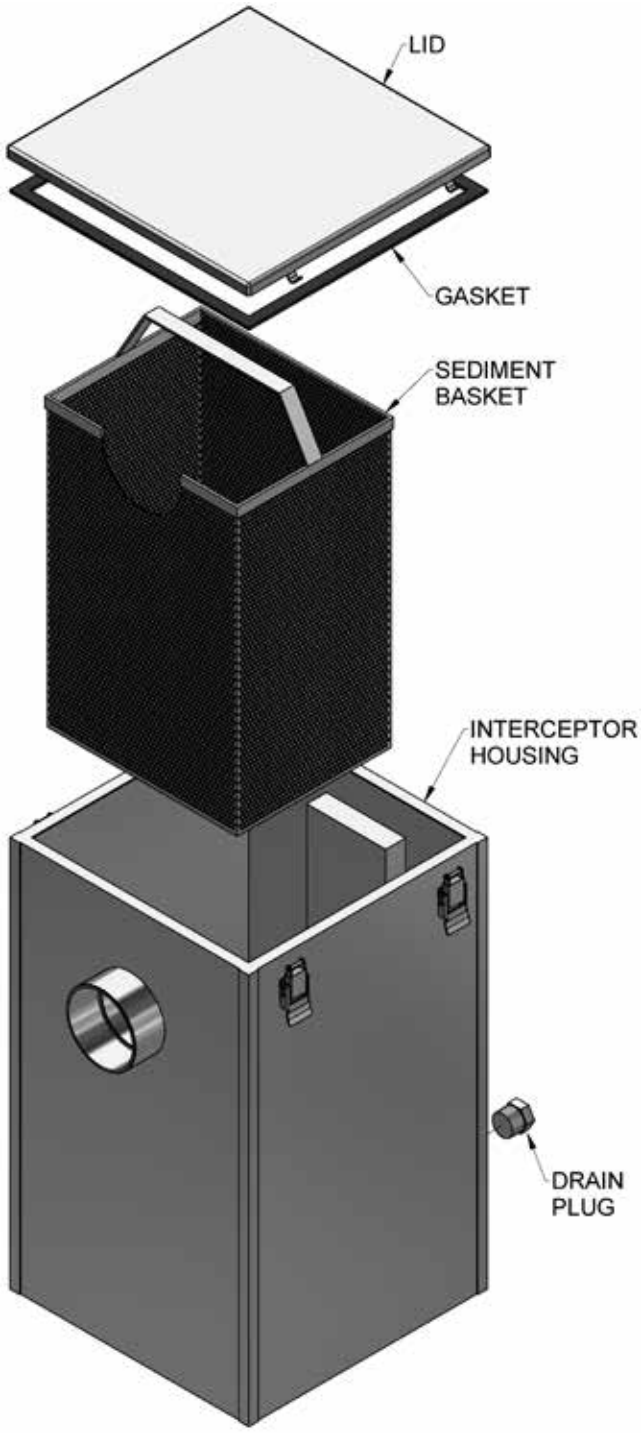
Mesh Bag Version. Remove lid, drain tank and lift out mesh bag. Dispose of waste. Clean bag by rinsing with water before re-installation. Bag is reusable only if mesh can be cleaned of food particles, otherwise replace with new bag.



ST12 Food Guardian

Food Guardian Model ST12 is a self contained solids removal unit. The 304 stainless steel housing contains a stainless steel perforated basket. A quick latch lid allows easy access for basket cleaning and replacement.





Model No.	Style	Inlet / Outlet	Wt.Lbs.	List Price
ST12	w/ Sediment Basket	3NH	33.5	P.O.A.

Installation

- The Food Guardian should be connected to a sink waste pipe using the 3” elastomer coupling (provided).
- Ensure adequate clearance is provided for removal of the strainer basket (18”).
- Provide gravity fall of a minimum of 1/8” per foot in the connected waste water outlet piping.
- The ST12 is supplied with a plugged drain outlet for ease of maintenance.

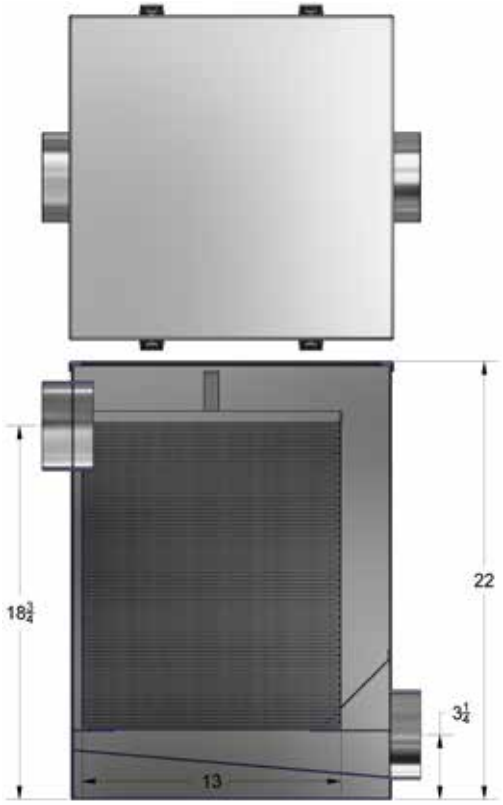
Product Characteristics		
Specification	**Tank**	**S/S Basket**
Material	18Ga. 304 S/S	S/S 1/8” Perf.
Volume	6.85 Gal.	17.6 Lbs.

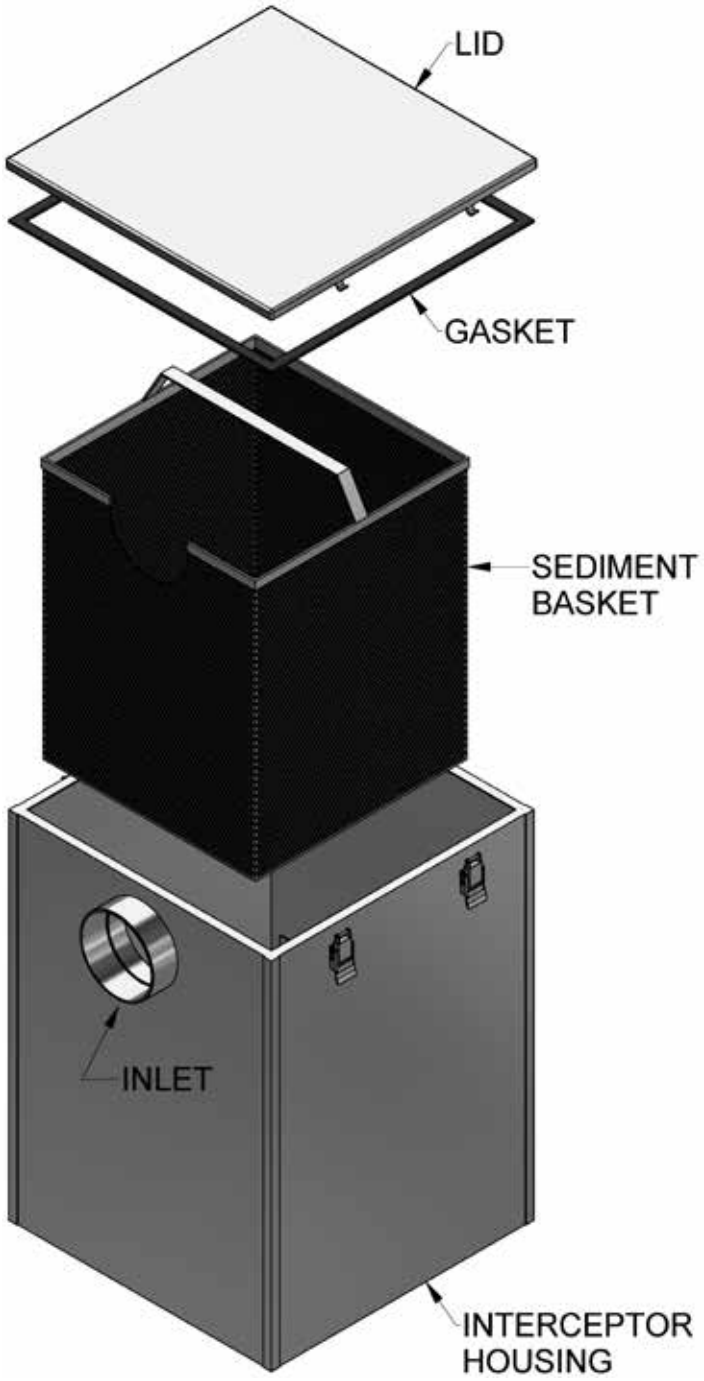
Maintenance

Remove lid, drain tank and lift out basket. Clean basket by rinsing with water before re-installation. Maintenance should be performed when basket is 3/4 full.

ST23 Food Guardian

Food Guardian Model ST23 is a self contained solids removal unit. The 304 stainless steel housing contains a large capacity stainless steel perforated basket. A quick latch lid allows easy access for basket cleaning and replacement.





Model No.	Style	Inlet / Outlet	Wt.Lbs.	List Price
ST23	w/ Sediment Basket	4NH	55.7	P.O.A.

Installation

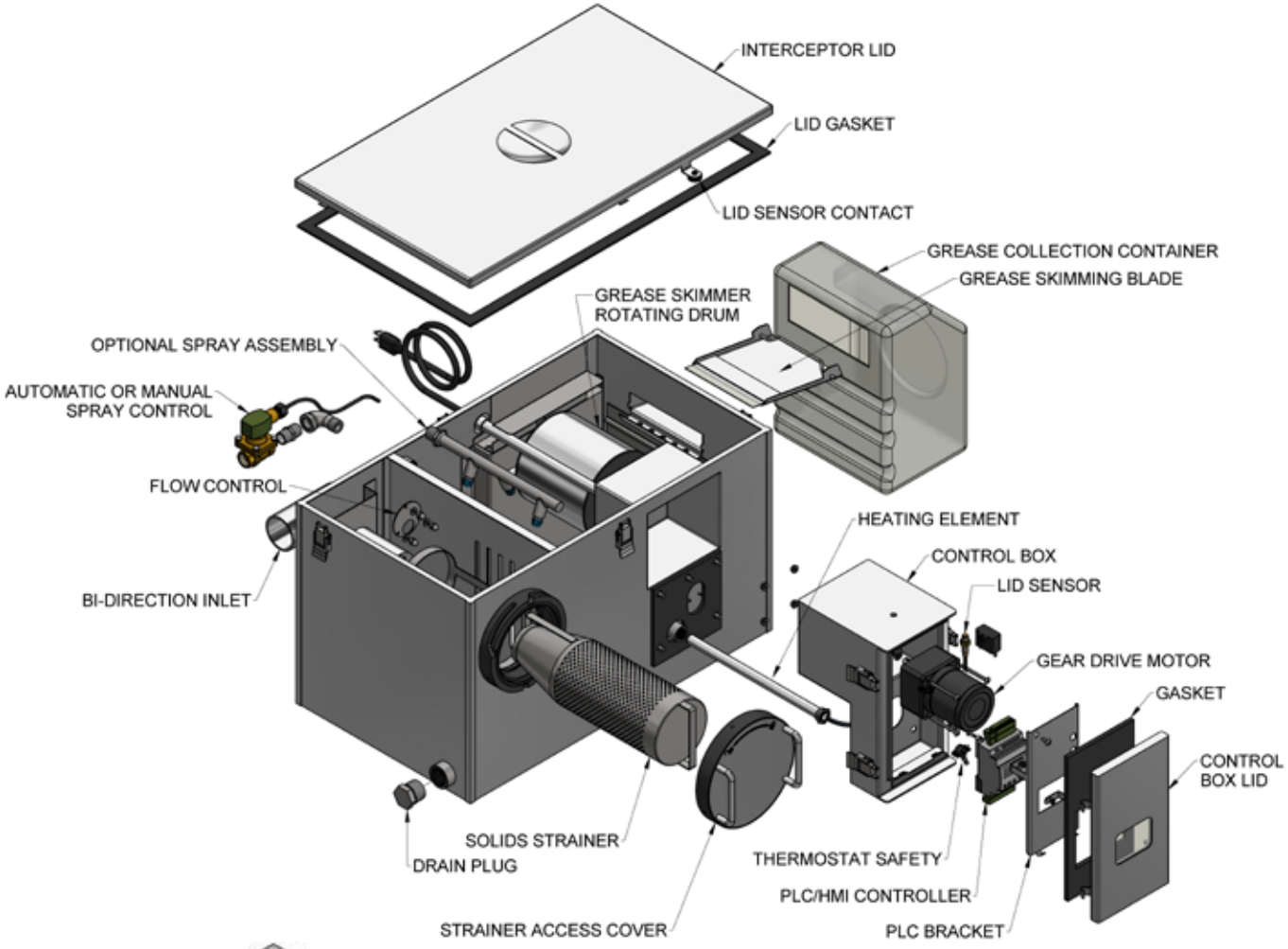
- The Food Guardian should be connected to a sink waste pipe using the 4” elastomer coupling (provided).
- Ensure adequate clearance is provided for removal of the strainer basket (18”).
- Provide gravity fall of a minimum of 1/8” per foot in the connected waste water outlet piping.
- The ST23 is supplied with a plugged drain outlet for ease of maintenance.

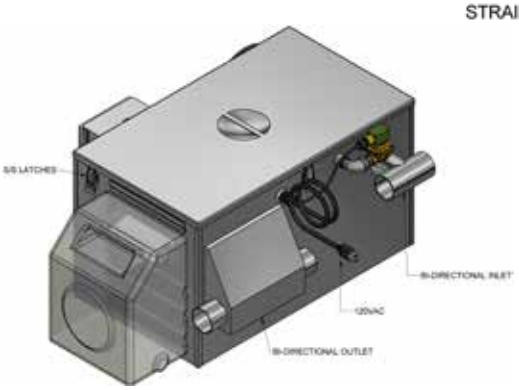
Product Characteristics		
Specification	**Tank**	**S/S Basket**
Material	18Ga. 304 S/S	S/S 1/8” Perf.
Volume	6.85 Gal.	17.6 Lbs.

Maintenance

Remove lid, drain tank and lift out basket. Clean basket by rinsing with water before re-installation. Maintenance should be performed when basket is 3/4 full.

GGX7-35 Grease Guardian - Point Source Recovery Devices





Note: If optional automatic spray control is required:

Hot Water Requirements

- 12 GPM @ 43.5 psi
- 100-140 Degrees F.
- 1/2” NPT Hot Water Supply Piping
- Provide Back-flow Prevention
- Watter Hammer Arrestor Recommended
- Wye Strainer Recommended

STANDARD FEATURES

- 3 Year Warranty
- 16 Gauge Stainless Steel Welded Tank
- Fully Sealed System
- Universal Flow Direction
- PLC/HMI Automatic Controller
- Easy Access Solids Strainer
- Long Life Skimming Blade
- Grease Collection Container (2 Gallon)
- Integral Flow Control
- Integral Gas Trap
- Concealed Electrics and Plumbing

Grease Guardian Accessories

(AP) High Level Alarm Probe - When Grease Level is reached, a flashing beacon or BMS Signal can be electronically activated

(RA) Automatic Wash Down Assembly - Solenoid Valve activates through the PLC for difficult grease conditions. Includes piping and integral spray nozzles.

(RM) Manual Wash Down Assembly - Lever Activated Ball Valve.

(M) Motion Sensor - Used in low use applications - If facility is inactive, the Point Source Recovery Device automatically switches off.

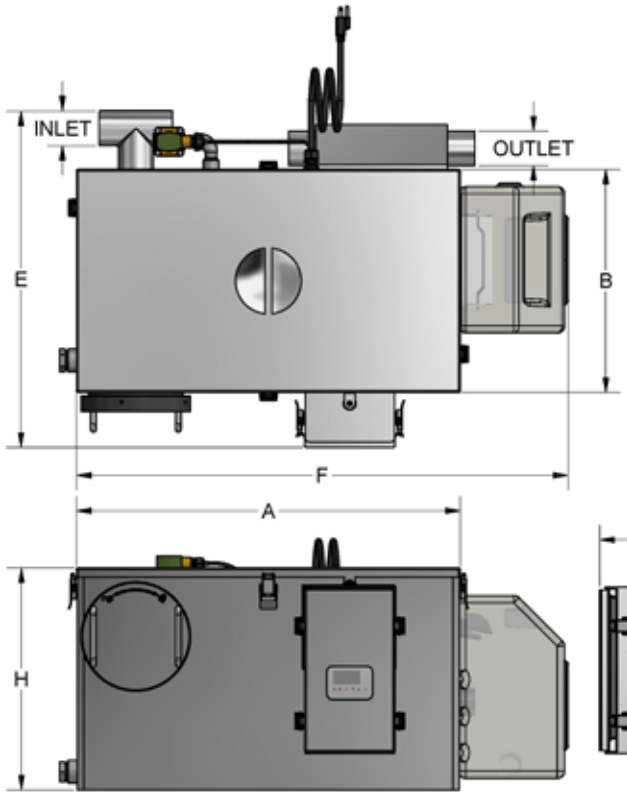
(B1) Bubbler System - Specifically designed to position and condition the grease mat. Air is released to break-up the grease, aiding the skimming process.

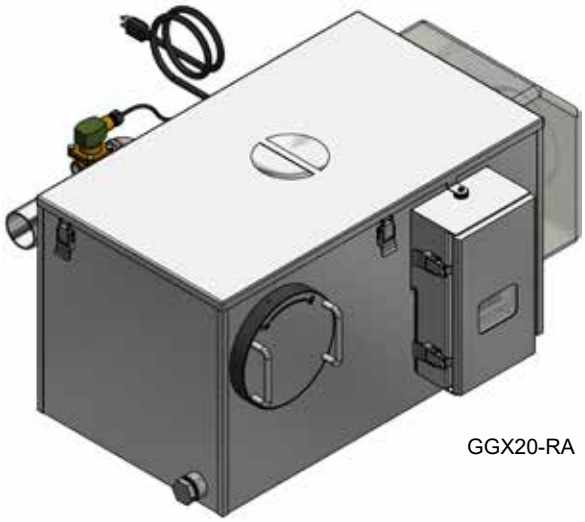
(J) Dosing Assembly - For applications that have high sugar waste. The dosing solution is automatically dispensed into the machine to help breakdown “sugar snakes” that clog the piping.

GGX7-35 Grease Guardian - Point Source Recovery Devices

Grease Guardian Model GGX is a self-cleaning automatic grease removal unit. 16 gauge fully welded 304 stainless steel tank stainless steel internal baffle plate, fully sealed air tight stainless steel lid and robust stainless steel clamps, above water heavy duty stainless steel dry solids strainer basket, unidirectional inlet and outlet flow connections, with easy fit pipe couplings, concealed plumbing and electrical connections and skimming rate per low/high cycle.

The GGX Series are supplied with a stainless steel rotating skimming drum, integral gas trap, integral flow control, totally enclosed geared drive unit, 600 watt immersion heater with self-regulating safety control, programmable controller and interface with energy saving mode. The GGX Series is supplied with a PLC controlled automatic hot water wash-down for internal tank maintenance, hot water connection is required for use. The GGX7-R is suitable for floor or shelf mounting arrangements. The GGX Series is electrically tested and approved with MET Laboratories to UL499 and CSA C22-2 88-1952 standards. 3 year warranty is standard.





GGX20-RA

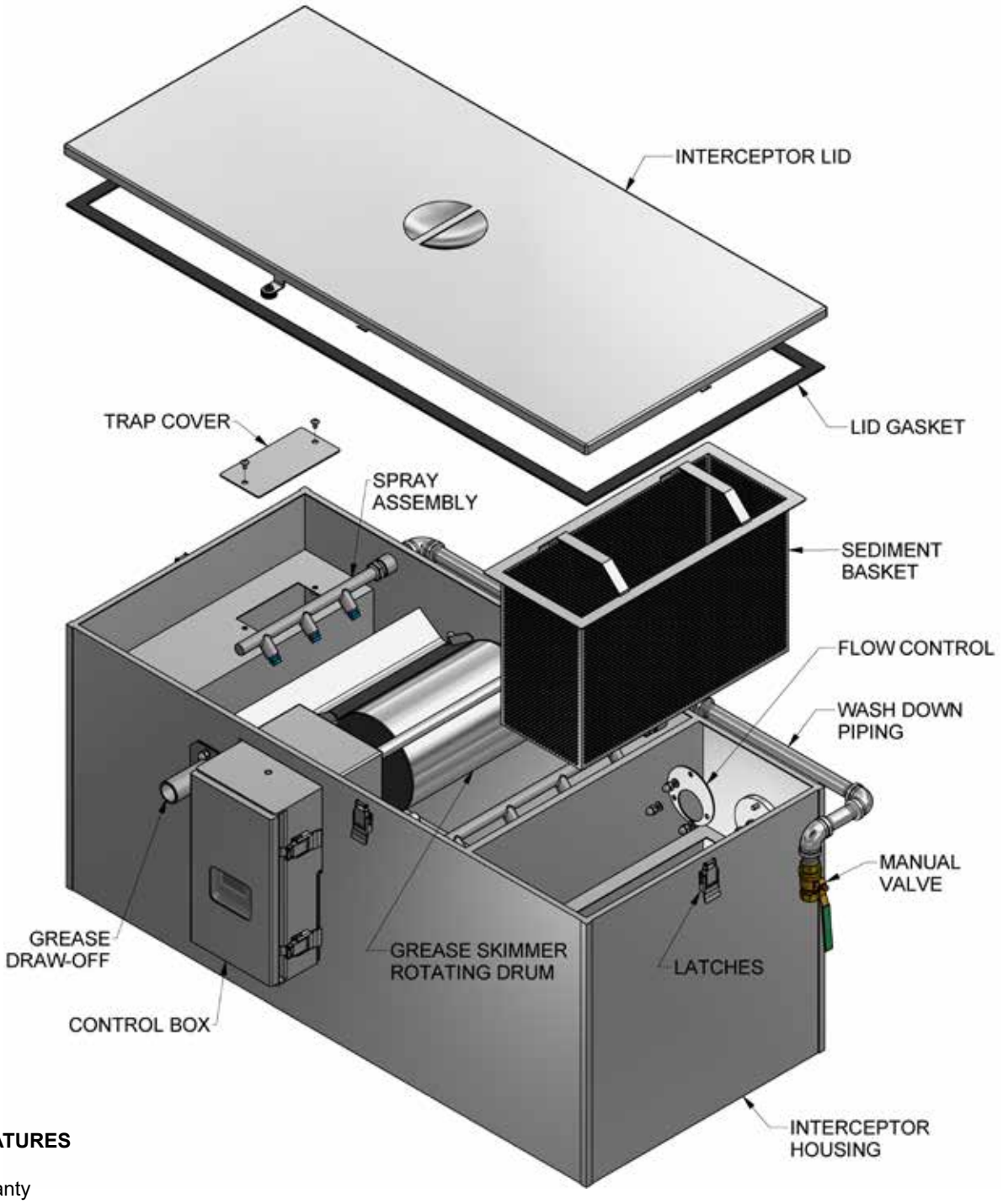
Model / GPM	Inlet / Outlet	Regularly Furnished
GGX7	2NH	P.O.A.
GGX15	2NH	P.O.A.
GGX20	2NH	P.O.A.
GGX25	2NH	P.O.A.
GGX35	3NH	P.O.A.

Technical Data	
Solids Strainer Capacity	6.6 Lbs.
Skimming Rate / Low	11 Lbs./Cycle
Skimmer Rate / High	22 Lbs./Cycle
Available Cycles	4 Per Day
Maximum Skimming	88 Lbs. Day
Program Control	PLC/HMI
Electrical	120VAC
	630 W
	5.73A

Model No.	Flow Rate (GPM)	Grease Capacity (Lbs.)	Dimensions (Inches)						Wt. Lbs.
			A	B	C	D	F	H	
GGX7	7	14	18.00	15.00	7.25	9.75	25.00	13.50	80.0
GGX15	15	30	24.50	15.00	4.50	9.50	32.00	13.50	88.0
GGX20	20	40	26.00	15.00	6.00	11.00	33.50	15.00	98.0
GGX25	25	50	26.00	15.00	7.50	12.50	33.50	16.50	102.0
GGX35	35	70	34.50	15.00	8.50	12.88	42.00	16.50	110.0

Accessories and Options		
Suffix	Description	Add (Deduct)
AP	High Level Alarm Probe	P.O.A.
B1	Bubbler System	P.O.A.
J	Dosing Assembly	P.O.A.
M	Motion Sensors	P.O.A.
RA	Automatic Wash Down Spray Assembly	P.O.A.
RM	Manual Wash Down Spray Assembly	P.O.A.

GGX50 Grease Guardian - Source Point Recovery Systems



STANDARD FEATURES

- 3 Year Warranty
- 16 Gauge Stainless Steel Welded Tank
- Fully Sealed System
- Universal Flow Direction
- PLC/HMI Automatic Controller
- Easy Access Solids Strainer
- Long Life Skimming Blade
- Integral Flow Control
- Integral Gas Trap
- Concealed Electrics and Plumbing

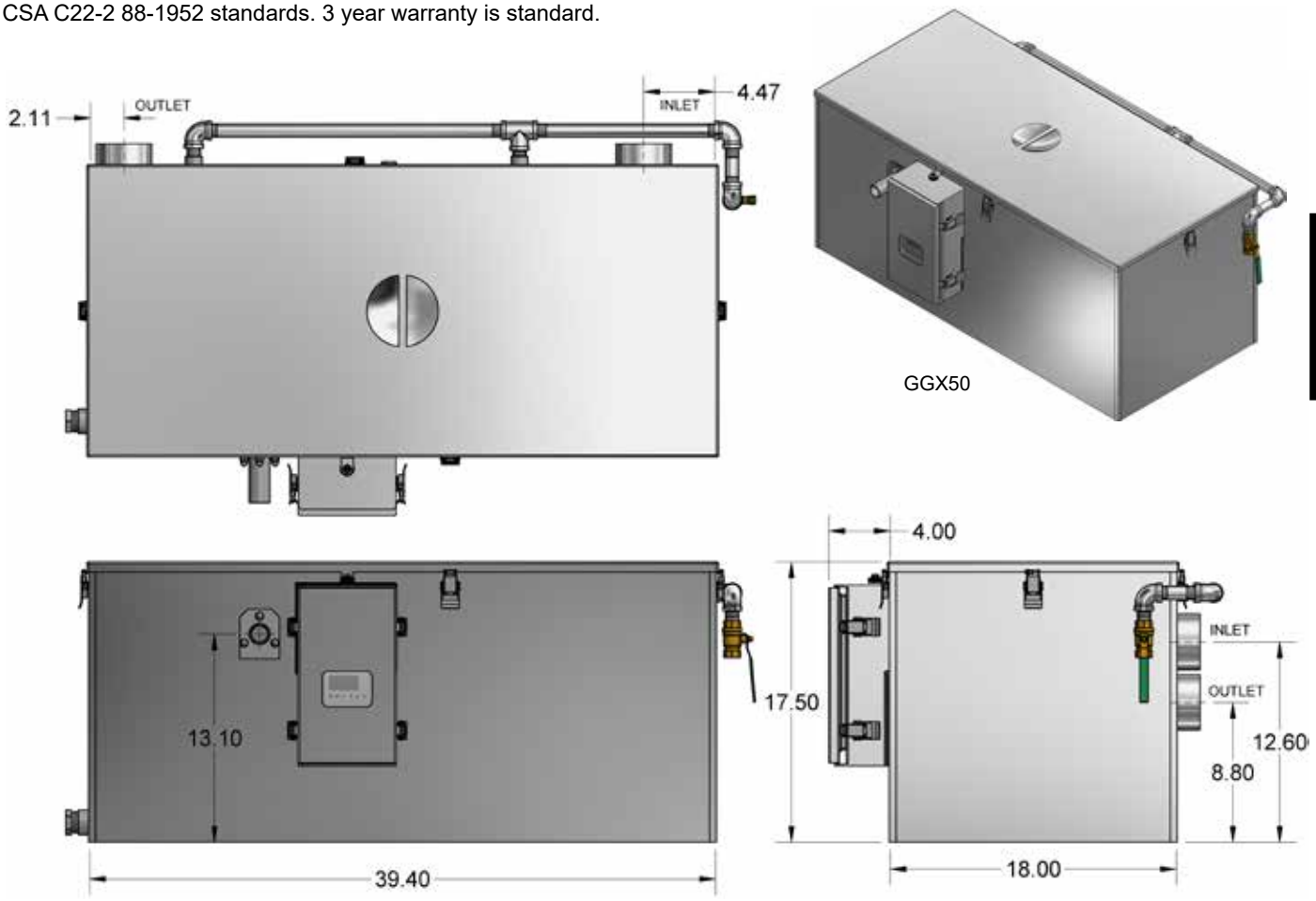
Hot Water Requirements

- 12 GPM @ 43.5 psi
- 100-140 Degrees F.
- 1/2” NPT Hot Water Supply Piping
- Provide Back-flow Prevention
- Watter Hammer Arrestor Recommended
- Wye Strainer Recommended

GGX50 Grease Guardian - Point Source Recovery Devices

Grease Guardian Model GGX50 is a self-cleaning automatic grease removal unit. 16 gauge fully welded 304 stainless steel tank stainless steel internal baffle plate, fully sealed air tight stainless steel lid and robust stainless steel clamps, above water heavy duty stainless steel dry solids strainer basket, unidirectional inlet and outlet flow connections, with easy fit pipe couplings, concealed plumbing and electrical connections and skimming rate per low/high cycle.

The GGX Series are supplied with a stainless steel rotating skimming drum, integral gas trap, integral flow control, totally enclosed geared drive unit, 600 watt immersion heater with self-regulating safety control, programmable controller and interface with energy saving mode. The GGX Series is supplied with a manual hot water wash down for internal tank maintenance, hot water connection is required for use. The GGX Series is electrically tested and approved with MET Laboratories to UL499 and CSA C22-2 88-1952 standards. 3 year warranty is standard.

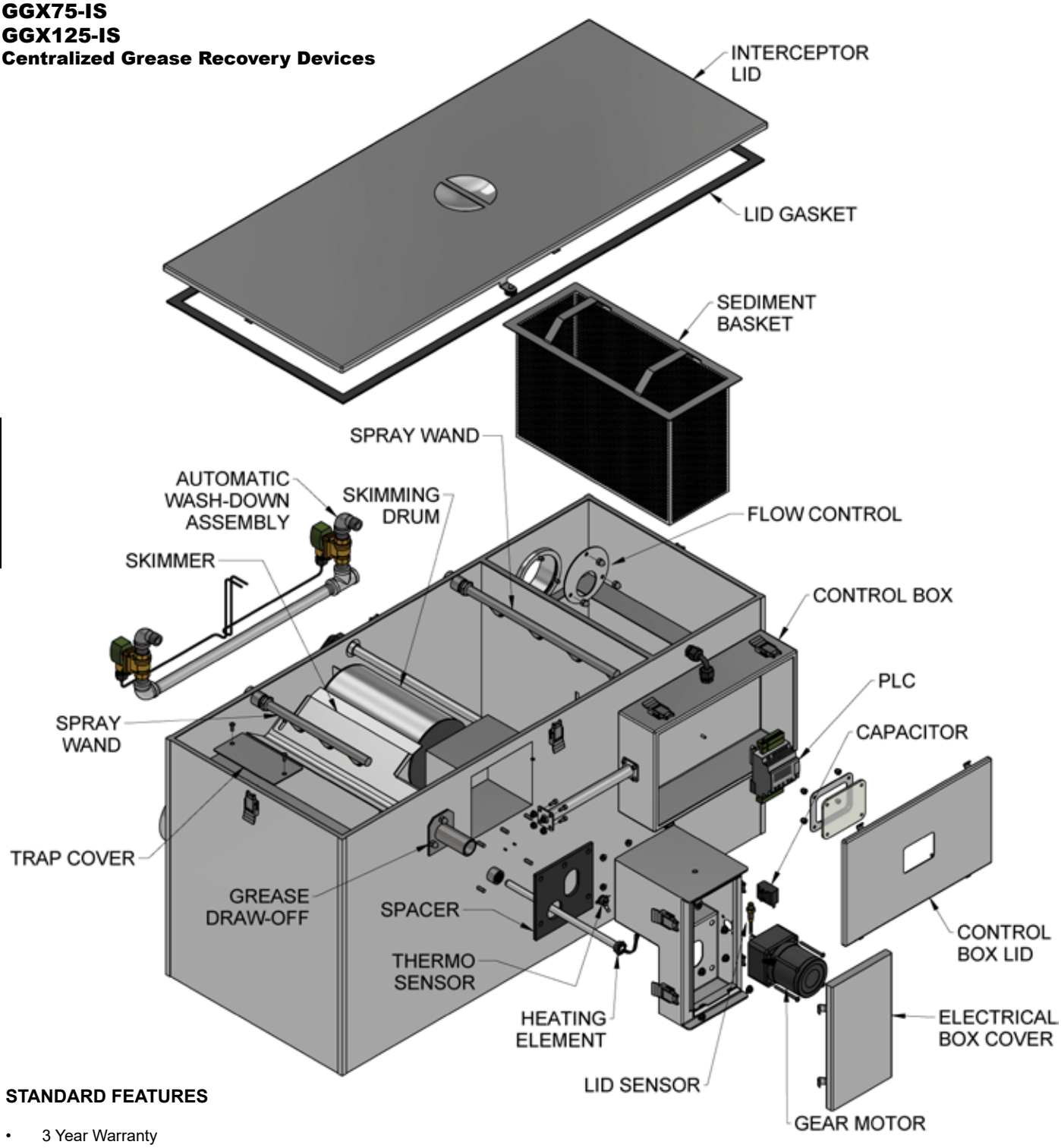


Model / GPM	Inlet / Outlet	Regularly Furnished	Wt. Lbs.
GGX50	3NH	P.O.A.	190.0

Accessories and Options		
Suffix	Description	Add (Deduct)
AP	High Level Alarm Probe	P.O.A.
B1	Bubbler System	P.O.A.
J	Dosing Assembly	P.O.A.
M	Motion Sensors	P.O.A.
RA	Automatic Wash Down Spray Assembly	P.O.A.
ES50	Equipment Stand (GGX50)	P.O.A.
RM	Manual Wash Down Spray Assembly	P.O.A.

Technical Data	
Solids Strainer Capacity	2.5 Gallons
Skimming Rate / Low	11 Lbs./Cycle
Skimmer Rate / High	22 Lbs./Cycle
Available Cycles	4 Per Day
Maximum Skimming	88 Lbs. Day
Program Control	PLC/HMI
Electrical	120VAC
	630 W
	5.73A

GGX75-IS
GGX125-IS
Centralized Grease Recovery Devices



STANDARD FEATURES

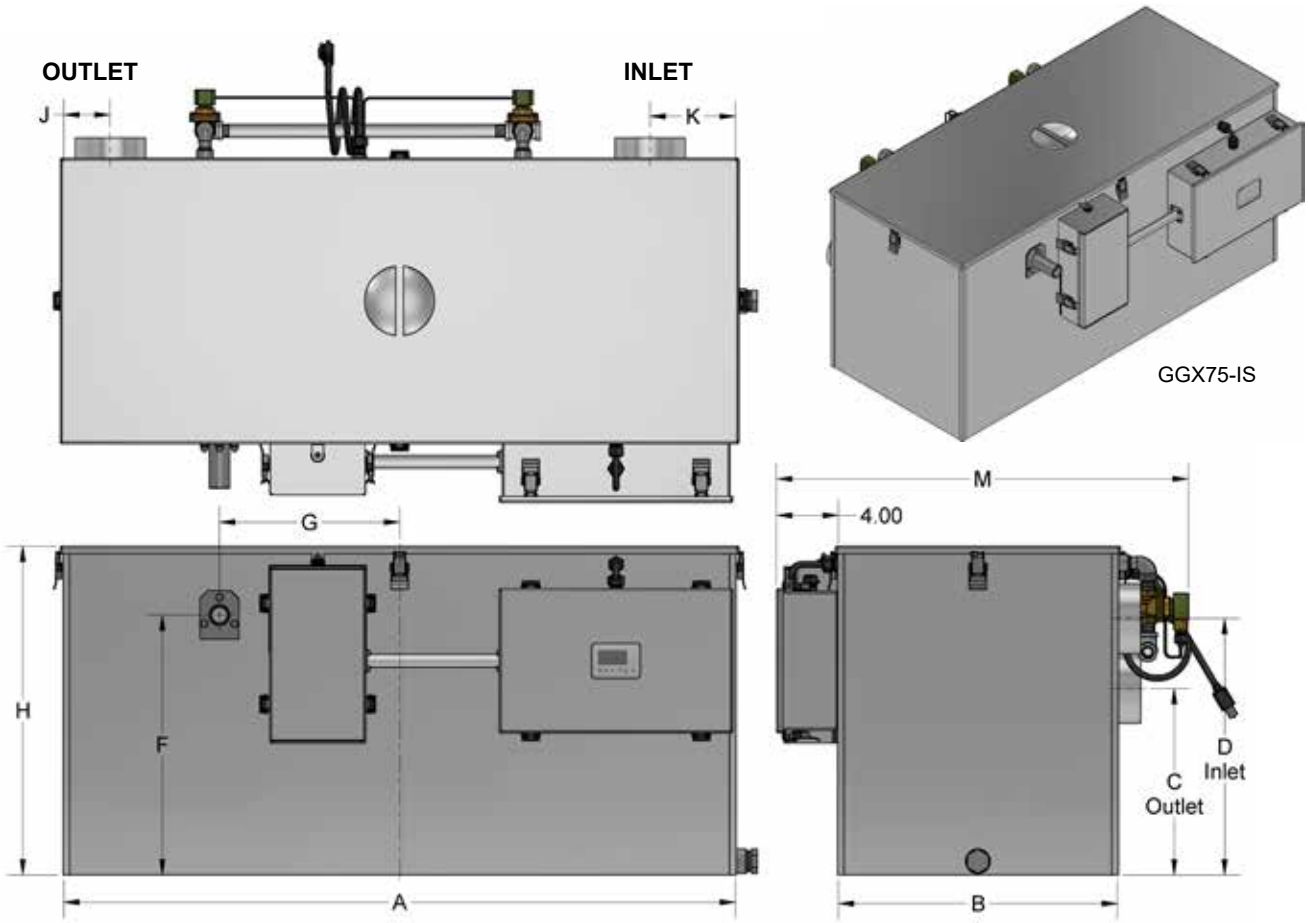
- 3 Year Warranty
- 16 Gauge Stainless Steel Welded Tank
- Fully Sealed System
- Universal Flow Direction
- PLC/HMI Automatic Controller
- Easy Access Solids Strainer
- Long Life Skimming Blade
- Integral Flow Control
- Integral Gas Trap
- Concealed Electrics and Plumbing

Hot Water Requirements

- 12 GPM @ 43.5 psi
- 100-140 Degrees F.
- 1/2” NPT Hot Water Supply Piping
- Provide Back-flow Prevention
- Watter Hammer Arrestor Recommended
- Wye Strainer Recommended

Grease Guardian Model GGX75-IS & GGX125-IS are self-cleaning automatic grease removal units. 16 gauge fully welded 304 stainless steel tank stainless steel internal baffle plate, fully sealed air tight stainless steel lid and robust stainless steel clamps, above water heavy duty stainless steel dry solids strainer basket, uni-directional inlet and outlet flow connections, with easy fit pipe couplings, concealed plumbing and electrical connections and skimming rate per low/high cycle.

The GGX Series are supplied with a stainless steel rotating skimming drum, integral gas trap, integral flow control, totally enclosed geared drive unit, 600 watt immersion heater with self-regulating safety control, programmable controller and interface with energy saving mode. The GGX Series is supplied with a PLC controlled automatic hot water wash down for internal tank maintenance, hot water connection is required for use. The GGX Series is electrically tested and approved with MET Laboratories to UL499 and CSA C22-2 88-1952 standards. 3 year warranty is standard.

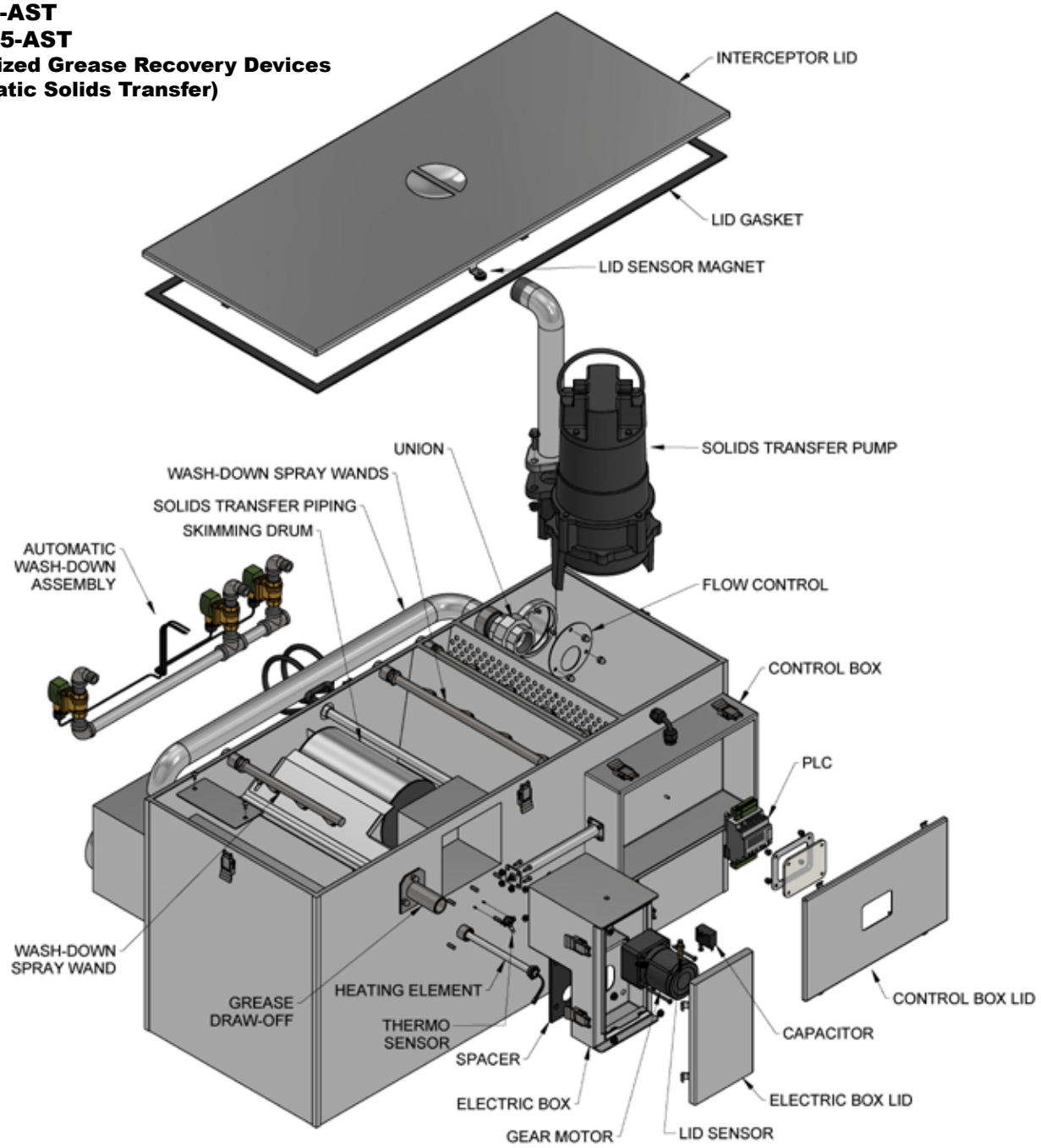


Model No.	Inlet/Outlet	Regularly Furnished	Flow Rate (GPM)	Grease Capacity (Lbs.)	Dimensions (Inches)										Wt. Lbs.
					A	B	C	D	F	G	H	J	K	M	
GGX75-IS	4NH	P.O.A.	75	150	43.30	18.00	12.00	16.50	16.73	11.61	21.30	3.00	5.50	26.54	210.0
GGX125-IS	4NH	P.O.A.	125	250	59.10	18.00	15.20	19.70	19.90	11.80	24.40	3.10	2.80	26.10	250.0

Accessories and Options		
Suffix	Description	Add (Deduct)
AP	High Level Alarm Probe	P.O.A.
B1	Bubbler System	P.O.A.
J	Dosing Assembly	P.O.A.
M	Motion Sensors	P.O.A.
ES75	Equipment Stand (GGX75)	P.O.A.
ES125	Equipment Stand (GGX125)	P.O.A.
RM	Manual Wash Down Spray Assembly	P.O.A.

Technical Data	
Solids Strainer Capacity	2.5 Gallons
Skimming Rate / Low	20 Lbs./Cycle
Skimmer Rate / High	40 Lbs./Cycle
Available Cycles	4 Per Day
Maximum Skimming	88 Lbs. Day
Program Control	PLC/HMI
Electrical	120VAC
	630 W
	5.73A

GGX75-AST
GGX125-AST
Centralized Grease Recovery Devices (Automatic Solids Transfer)

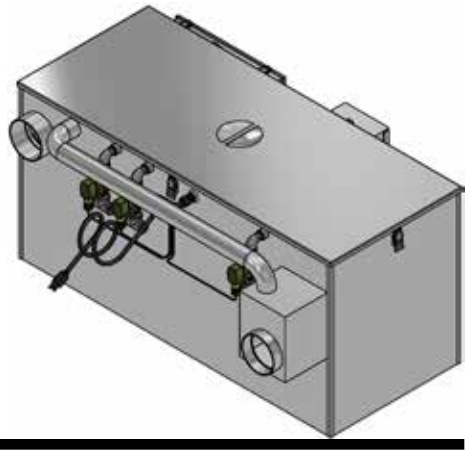


STANDARD FEATURES

- 3 Year Warranty
- 16 Gauge Stainless Steel Welded Tank
- Fully Sealed System
- Universal Flow Direction
- PLC/HMI Automatic Controller
- Easy Access Solids Strainer
- Long Life Skimming Blade
- Integral Flow Control
- Integral Gas Trap
- Concealed Electrics and Plumbing
- Solids Transfer Pump

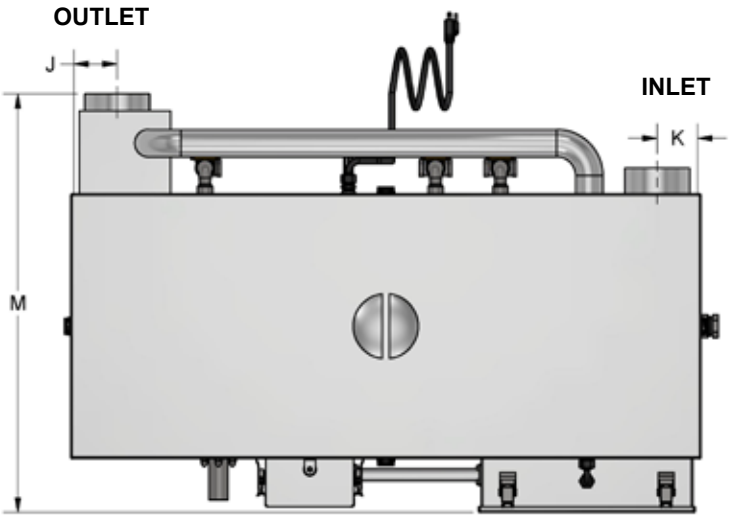
Hot Water Requirements

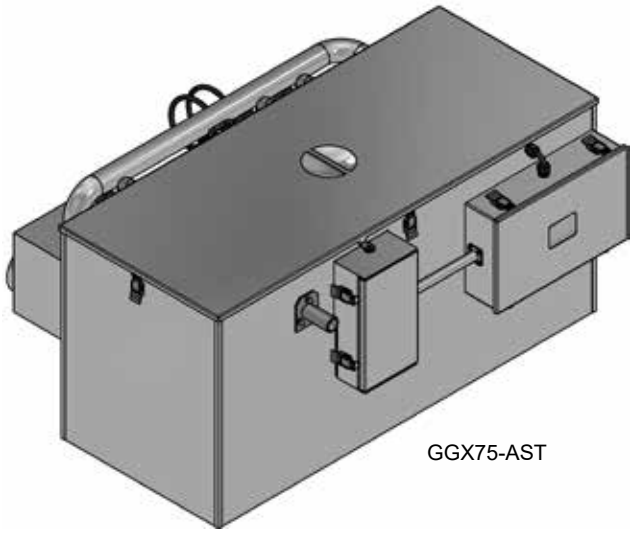
- 12 GPM @ 43.5 psi
- 100-140 Degrees F.
- 1/2” NPT Hot Water Supply Piping
- Provide Back-flow Prevention
- Watter Hammer Arrestor Recommended
- Wye Strainer Recommended



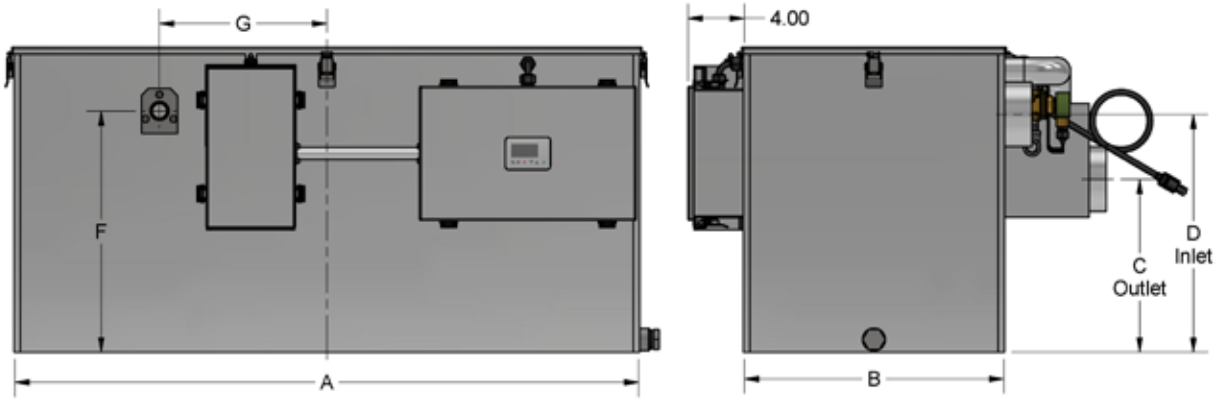
Grease Guardian Model GGX75-AST and GGX125-AST are self-cleaning automatic grease removal units. 16 gauge fully welded 304 stainless steel tank stainless steel internal baffle plate, fully sealed air tight stainless steel lid and robust stainless steel clamps, above water heavy duty stainless steel dry solids strainer basket, uni-directional inlet and outlet flow connections, with easy fit pipe couplings, concealed plumbing and electrical connections and skimming rate per low/high cycle.

The GGX75-AST and GGX125-AST are supplied with a stainless steel rotating skimming drum, integral gas trap, integral flow control, totally enclosed geared drive unit, 600 watt immersion heater with self-regulating safety control, programmable controller and interface with energy saving mode. Self cleaning Automatic Solids Transfer (AST) feature via built in submersible solids transfer pump. The GGX75-AST is suitable for floor mounting. The GGX75AST is electrically tested and approved MET Labs to UL499 and CSA C22-2 88-1952 standards. 3 year warranty is standard.





GGX75-AST

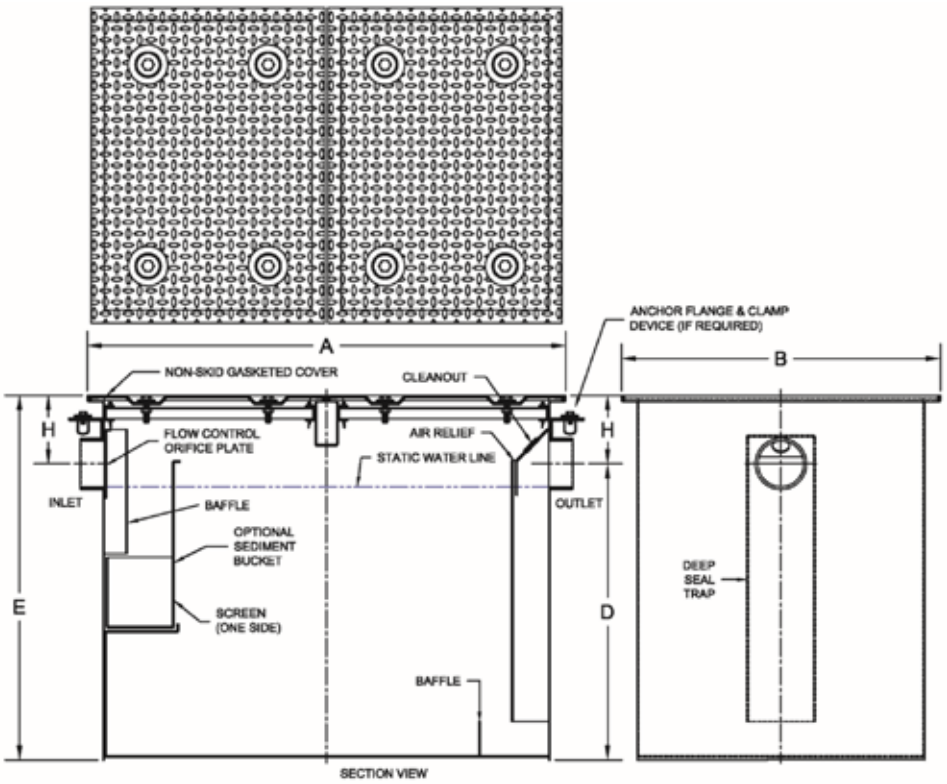


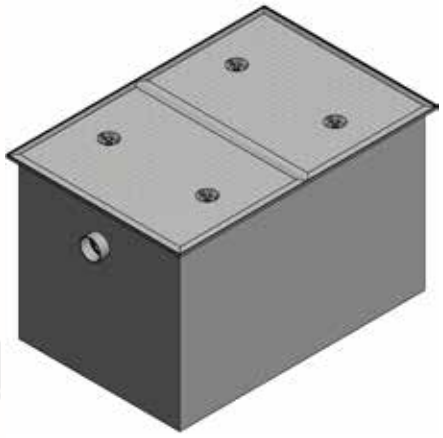
Model No.	Inlet/Outlet	Regularly Furnished	Flow Rate (GPM)	Grease Capacity (Lbs.)	Dimensions (Inches)										Wt. Lbs.
					A	B	C	D	F	G	H	J	K	M	
GGX75-AST	4NH	P.O.A.	75	150	43.30	18.00	12.00	16.50	16.73	11.61	21.30	3.00	5.50	26.54	240.0
GGX125-AST	4NH	P.O.A.	125	250	59.10	18.00	15.20	19.70	19.90	11.80	24.40	3.10	2.80	25.10	290.0

Accessories and Options		
Suffix	Description	Add (Deduct)
AP	High Level Alarm Probe	P.O.A.
B1	Bubbler System	P.O.A.
J	Dosing Assembly	P.O.A.
M	Motion Sensors	P.O.A.
ES75	Equipment Stand (GGX75)	P.O.A.
ES125	Equipment Stand (GGX125)	P.O.A.
RM	Manual Wash Down Spray Assembly	P.O.A.

Technical Data	
Skimming Rate / Low	20 Lbs./Cycle
Skimmer Rate / High	40 Lbs./Cycle
Available Cycles	4 Per Day
Maximum Skimming	88 Lbs. Day
Program Control	PLC/HMI
Electrical	120VAC
	630 W
	5.73A

5200 Large Capacity Grease Interceptor





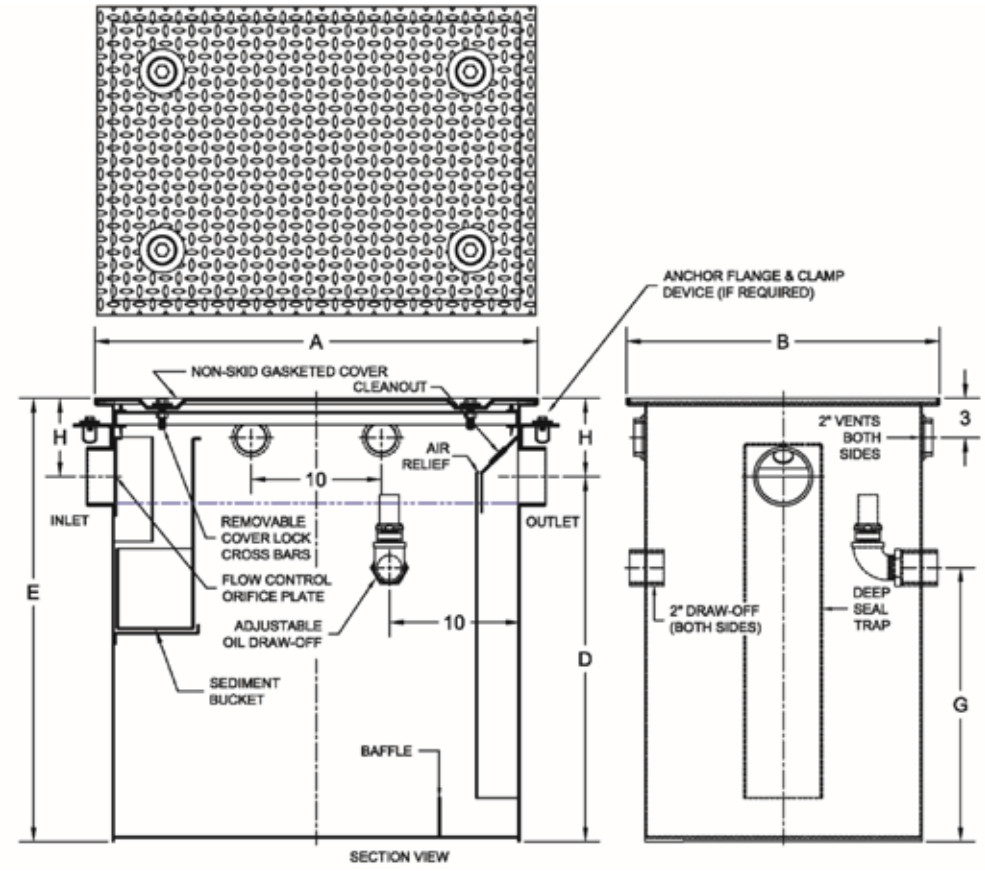
5200-75-4NH

Regularly Furnished: Fabricated A.R.C. steel grease interceptor with removable baffles, & gasketed cover.

Size / GPM	Pipe Size	Interceptor Capacity		Dimensions (Inches)					No. of Lids	Wt. Lbs.
		Lbs.	Gallons	A	B	D	E	H		
75	4"	150	106	42	28	26	32	6	2	549.0
100	4"	200	193	55	37	26	34	8	2	638.0
125	4"	250	227	58	38	28	36	8	3	749.0
150	4"	300	265	61	39	30	38	8	3	822.0
200	4"	400	396	70	44	34	44	10	6	1267.0
250	4"	500	501	75	46	38	48	10	6	1951.0
300	4"	600	580	77	49	40	52	12	6	2096.0
400	6"	800	805	84	56	44	58	14	6	2780.0
500	6"	1000	1172	92	61	54	68	14	6	2994.0

Size / GPM	Inlet / Outlet	Regularly Furnished	Suffix Options (Add)				
			HD Heavy Duty Cover	24 Anchor Flange	26 Anchor Flange w/ Clamping Device	XT Extension	
						Up to 6"	Each 1" over 6"
75	4IPS/4NH	$ 39,379.00	$ 12,515.00	$ 2,874.00	$ 5,224.00	$ 4,682.00	$ 372.00
100	4IPS/4NH	44,312.00	17,219.00	3,217.00	5,843.00	5,256.00	397.00
125	4IPS/4NH	46,765.00	18,894.00	3,856.00	6,530.00	5,560.00	429.00
150	4IPS/4NH	49,214.00	22,110.00	4,494.00	7,232.00	5,849.00	455.00
200	4IPS/4NH	71,371.00	25,217.00	4,814.00	8,453.00	10,524.00	479.00
250	4IPS/4NH	83,103.00	34,803.00	6,418.00	11,395.00	13,071.00	523.00
300	4IPS/4NH	97,943.00	44,679.00	7,264.00	12,294.00	15,621.00	588.00
400	6IPS/6NH	119,844.00	60,673.00	8,490.00	14,274.00	21,164.00	723.00
500	6IPS/6NH	141,851.00	74,129.00	9,636.00	16,202.00	27,274.00	784.00

5400 Oil Interceptor





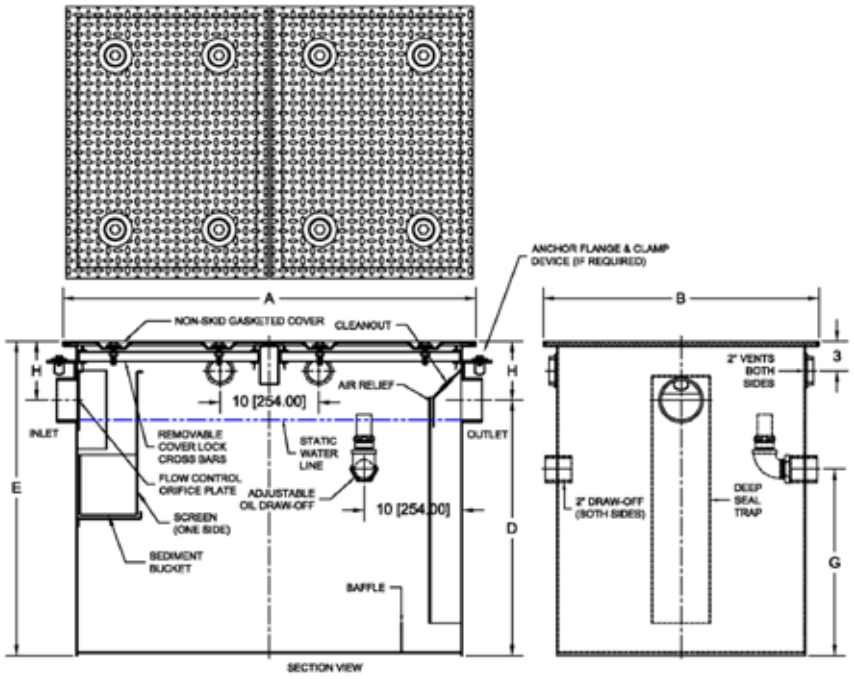
5400-35-3IPS

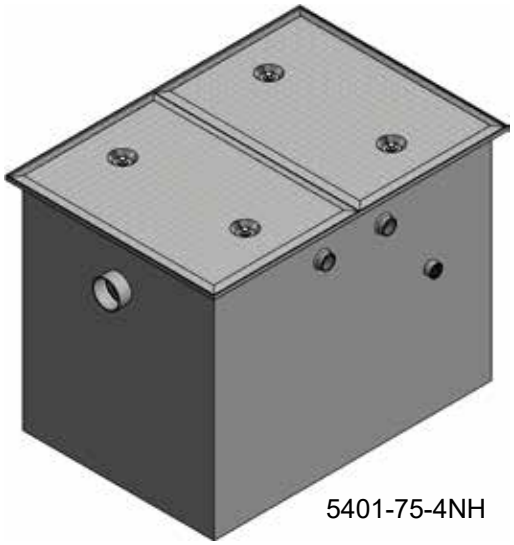
Regularly Furnished: Fabricated A.R.C. steel oil interceptor with removable baffles, & gasketed cover.

Size	Interceptor Capacity		Dimensions (Inches)						No. of Lids	Wt. Lbs.
	Gallons	Cu. Ft.	A	B	D	E	G	H		
10	10	1.3	21	15 1/2	9 1/2	13	4	3 1/2	1	56.0
15	14	1.9	34	15 1/2	11 1/2	15	5 1/2	3 1/2	1	77.0
20	17	2.2	24	15 1/2	14	17 1/2	8	3 1/2	1	106.0
25	56	7.5	28	22	26	32	19	6	1	306.0
35	76	10.2	34	24	26	32	19	6	1	399.0
50	82	11.0	34	24	28	34	21	6	1	531.0

Size / GPM	Inlet / Outlet	Regularly Furnished	Suffix Options (Add)				
			HD Heavy Duty Cover	24 Anchor Flange	26 Anchor Flange w/ Clamping Device	XT Extension	
						Up to 6"	Each 1" over 6"
10	2IPS/2NH	$ 8,014.00	$ 8,518.00	$ 2,046.00	$ 2,460.00	$ 7,500.00	$ 330.00
15	2IPS/2NH	10,994.00	9,158.00	2,046.00	2,460.00	7,597.00	372.00
20	3IPS/3NH	13,288.00	9,696.00	2,207.00	2,460.00	2,207.00	419.00
25	3IPS/3NH	14,431.00	10,238.00	2,297.00	2,744.00	2,297.00	479.00
35	3IPS/3NH	17,545.00	11,316.00	2,413.00	2,847.00	8,343.00	523.00
50	3IPS/3NH	23,595.00	11,851.00	2,460.00	3,240.00	9,957.00	604.00

5401 Large Capacity Oil Interceptor





5401-75-4NH

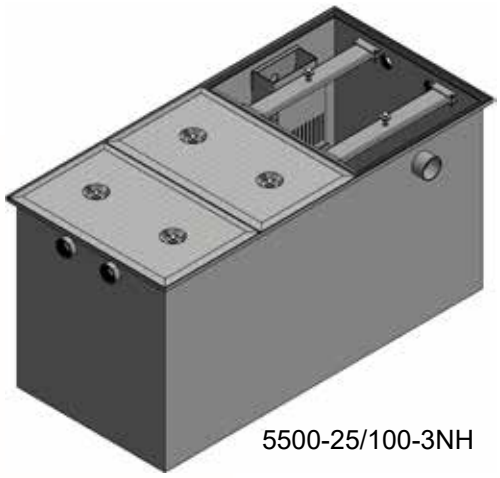
Regularly Furnished: Fabricated A.R.C. steel oil interceptor with removable baffles, & gasketed cover.

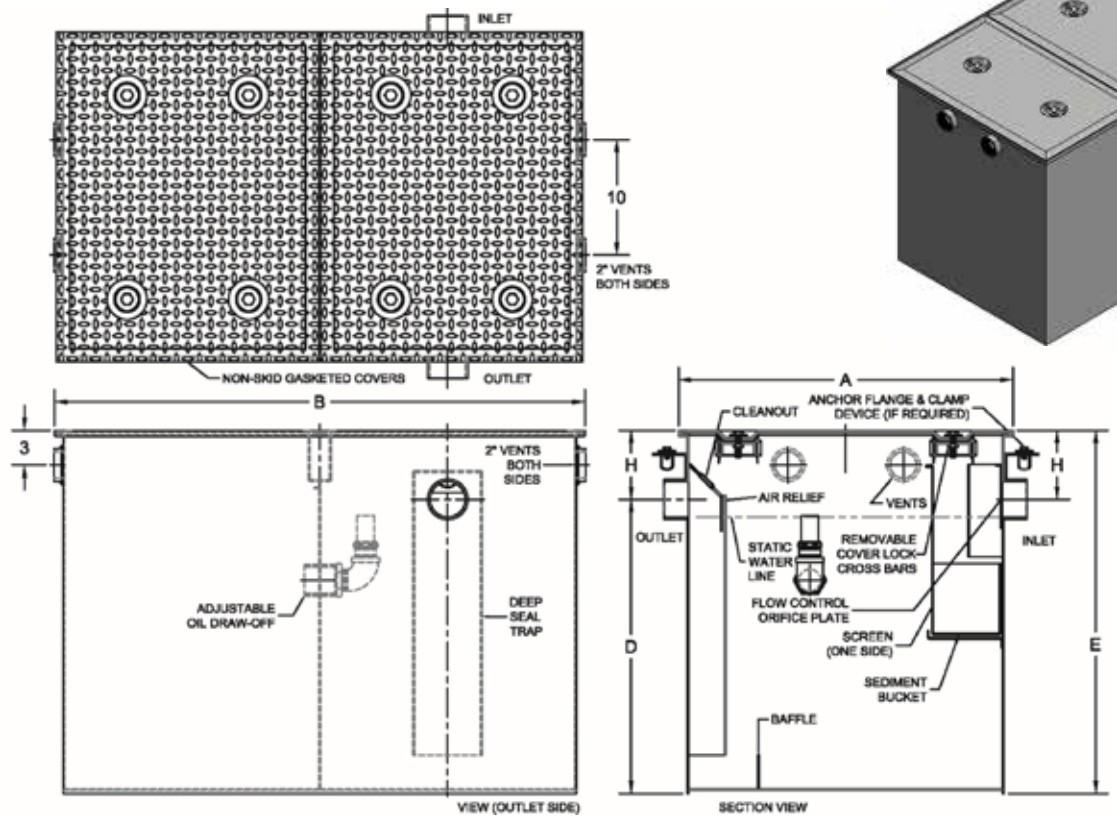
Size	Pipe Size	Interceptor Capacity		Dimensions (Inches)						No. of Lids	Wt. Lbs.
		Gallons	Cu. Ft.	A	B	D	E	G	H		
75	4"	168	232.4	48	34	28	36	21	8	2	710.0
100	4"	188	25.1	51	36	28	36	21	8	2	941.0
125	4"	195	26.1	53	36	28	36	21	8	2	1112.0
150	4"	215	28.7	58	36	28	38	20 1/2	10	3	1235.0
200	4"	309	41.3	68	38	32	42	25	10	4	1524.0
250	4"	427	67.0	74	40	38	50	31	12	4	1654.0
300	4"	526	70.2	78	44	40	52	33	12	4	1887.0
350	6"	590	73.5	80	46	40	52	33	12	6	2014.0
400	6"	622	83.1	82	48	42	54	35	12	6	2261.0
450	6"	665	88.8	84	50	42	54	35	12	6	2350.0
500	6"	783	104.5	86	62	46	58	39	12	6	2510.0

Size / GPM	Pipe Size Outlet Type	Regularly Furnished	Suffix Options (Add)				
			HD Heavy Duty Cover	24 Anchor Flange	26 Anchor Flange w/ Clamping Device	XT Extension	
						Up to 6"	Each 1" over 6"
75	4IPS/4NH	$ 40,865.00	$ 12,515.00	$ 2,680.00	$ 4,855.00	$ 5,607.00	$ 372.00
100	4IPS/4NH	44,312.00	17,219.00	2,999.00	5,433.00	5,849.00	397.00
125	4IPS/4NH	51,694.00	18,894.00	3,594.00	6,083.00	6,083.00	429.00
150	4IPS/4NH	54,873.00	22,110.00	4,186.00	6,730.00	6,319.00	455.00
200	4IPS/4NH	77,518.00	25,217.00	4,484.00	7,865.00	9,039.00	479.00
250	4IPS/4NH	89,767.00	34,803.00	5,991.00	10,202.00	11,751.00	523.00
300	4IPS/4NH	101,645.00	44,679.00	6,773.00	11,442.00	14,283.00	588.00
350	6IPS/6NH	113,515.00	52,684.00	7,546.00	12,678.00	16,920.00	658.00
400	6IPS/6NH	136,598.00	60,673.00	8,016.00	13,473.00	19,734.00	723.00
450	6IPS/6NH	146,788.00	69,329.00	8,490.00	14,280.00	23,033.00	762.00
500	6IPS/6NH	172,283.00	36,622.00	8,964.00	15,086.00	26,345.00	784.00

5500 Oil Interceptor with Integral Storage Compartment

Regularly Furnished: Fabricated A.R.C. steel oil interceptor with integral storage compartment, removable baffles, & gasketed cover.

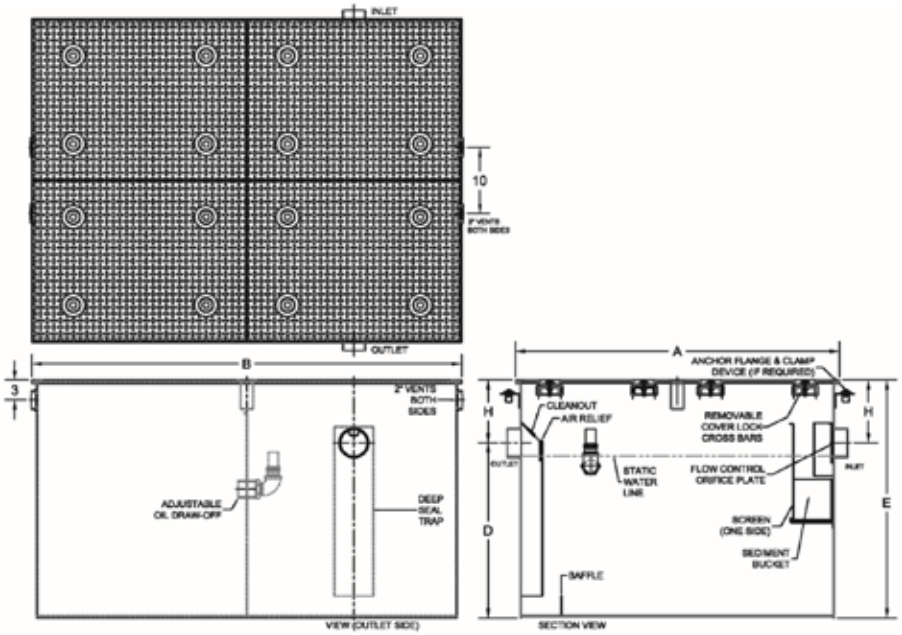


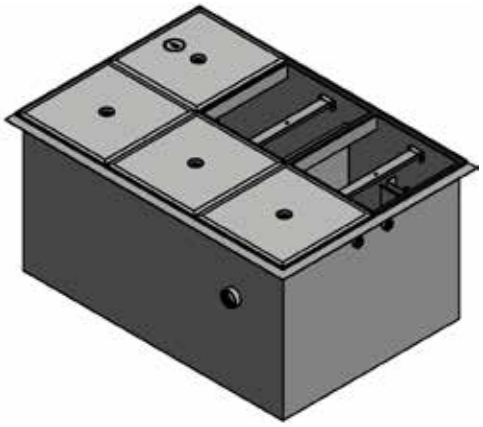


Size	Interceptor Capacity		Holding Tank Capacity		Dimensions (Inches)					No. of Lids	Wt. Lbs.
	Gallons	Cu.Ft.	Gallons	Cu. Ft.	A	B	D	E	H		
10	10.6	1.4	8.9	1.2	24	26	9	13	4	1	88.0
15	15.0	2.0	12.3	1.6	26	26 1/2	11	15	4	1	95.0
20	18.0	2.4	14.3	1.9	26	26 1/2	13 1/2	17 1/2	4	1	115.0
25	63.1	8.4	65.0	8.7	29	46	25 1/2	30	4 1/2	2	630.0
35	100.2	13.4	61.0	8.2	37	44 1/2	26	31	5	4	710.0
50	163.0	21.9	117.0	15.5	43	65 1/2	26	32	6	4	1120.0

Size / GPM	Inlet / Outlet	Regularly Furnished	Suffix Options (Add)					
			24 Anchor Flange	26 Anchor Flange w/ Clamping Device	AP* High Level Probe w/ Audible Alarm	HD Heavy Duty Cover	XT Extension	
							Up to 6"	Each 1" over 6"
10	2IPS/2NH	$ 12,015.00	$ 3,059.00	$ 3,677.00	$ 16,883.00	$ 13,578.00	$ 11,254.00	$ 471.00
15	2IPS/2NH	16,483.00	3,059.00	3,677.00	16,883.00	14,423.00	11,395.00	573.00
20	3IPS/3NH	19,928.00	3,312.00	3,677.00	16,883.00	15,273.00	11,736.00	651.00
25	3IPS/3NH	21,639.00	3,457.00	4,098.00	16,883.00	16,113.00	12,049.00	707.00
35	3IPS/3NH	26,290.00	3,595.00	4,244.00	16,883.00	16,970.00	12,502.00	769.00
50	3IPS/3NH	35,383.00	3,677.00	4,851.00	16,883.00	17,835.00	14,931.00	907.00

5501 Large Capacity Oil Interceptor with Integral Storage Compartment





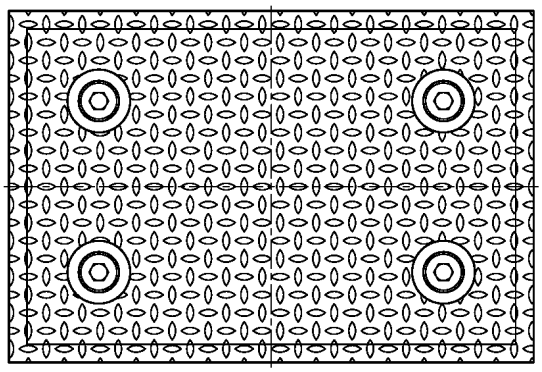
5501-75-4NH-HD

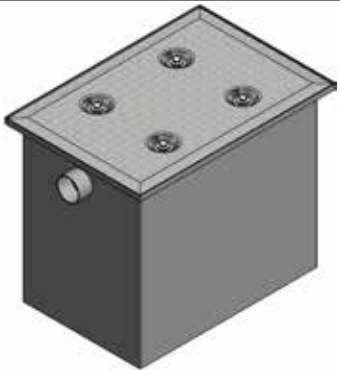
Regularly Furnished: Fabricated A.R.C. steel oil interceptor with integral storage compartment, removable baffles, & gasketed cover.

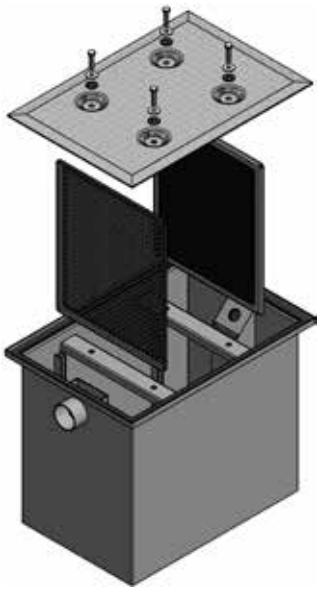
Size	Pipe Size	Interceptor Capacity		Holding Tank Capacity		Dimensions (Inches)					No. of Lids	Wt. Lbs.
		Gallons	Cu. Ft.	Gallons	Cu.Ft.	A	B	D	E	H		
75	4"	202	27.0	122	16.3	49	65	26 1/2	36	9 1/2	4	1350.0
100	4"	303	40.5	238	31.8	58	90	26 1/2	36	9 1/2	4	1853.0
125	4"	344	46.0	269	36.0	62	90	28	40	12	9	1912.0
150	4"	357	47.7	233	31.1	66	76	30	44	14	9	2000.0
200	4"	453	60.5	347	46.4	73	90	30 1/2	48	17 1/2	9	2300.0
250	4"	589	78.7	348	46.7	73	90	35 1/2	51	15 1/2	9	2811.0
300	4"	815	108.9	345	46.2	95	86	36 1/2	52	15 1/2	9	3100.0
350	6"	1066	142.5	569	76.0	101	94	43 1/2	60	16 1/2	9	3454.0
400	6"	1109	148.3	562	75.2	108	91	43	60	17	9	3510.0
450	6"	1113	148.8	566	75.7	119	83	43	60	17	9	3910.0
500	6"	1240	165.8	559	74.8	119	83	46	66	20	9	4220.0

Size / GPM	Inlet / Outlet	Regularly Furnished	Suffix Options (Add)					
			HD Heavy Duty Cover	24 Anchor Flange	26 Anchor Flange w/ Clamping Collar	AP * High Level Probe w/ Audible Alarm	XT Fixed Extension	
							Up to 10"	Each 1" over 10"
75	4IPS/4NH	$ 61,298.00	$ 18,748.00	$ 4,047.00	$ 7,308.00	$ 16,126.00	$ 8,409.00	$ 573.00
100	4IPS/4NH	66,498.00	25,846.00	4,530.00	8,152.00	16,126.00	8,770.00	599.00
125	4IPS/4NH	77,482.00	28,334.00	5,380.00	9,138.00	16,126.00	9,138.00	651.00
150	4IPS/4NH	82,288.00	33,170.00	6,279.00	10,098.00	16,126.00	9,486.00	684.00
200	4IPS/4NH	115,741.00	37,838.00	6,704.00	11,795.00	16,126.00	13,578.00	707.00
250	4IPS/4NH	134,655.00	52,178.00	8,996.00	15,273.00	16,126.00	17,617.00	792.00
300	6IPS/6NH	152,470.00	67,016.00	10,157.00	17,195.00	16,126.00	21,439.00	907.00
350	6IPS/6NH	163,230.00	79,043.00	11,316.00	19,005.00	16,126.00	25,372.00	1,000.00
400	6IPS/6NH	186,992.00	90,997.00	12,015.00	20,057.00	16,126.00	29,606.00	1,083.00
450	6IPS/6NH	214,758.00	104,006.00	12,718.00	21,436.00	16,126.00	34,528.00	1,139.00
500	6IPS/6NH	237,102.00	111,224.00	13,472.00	22,624.00	16,126.00	39,532.00	1,190.00

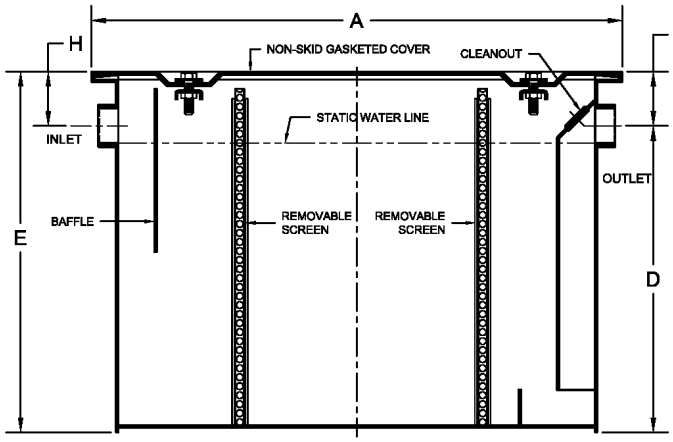
5600 Lint Interceptor

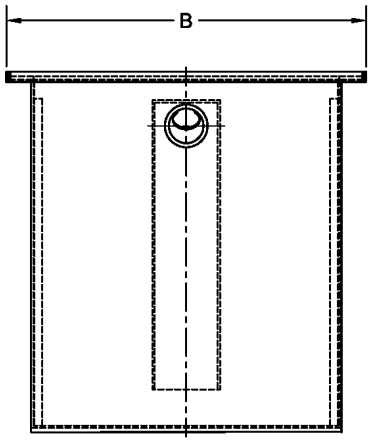






5600-3-2NH





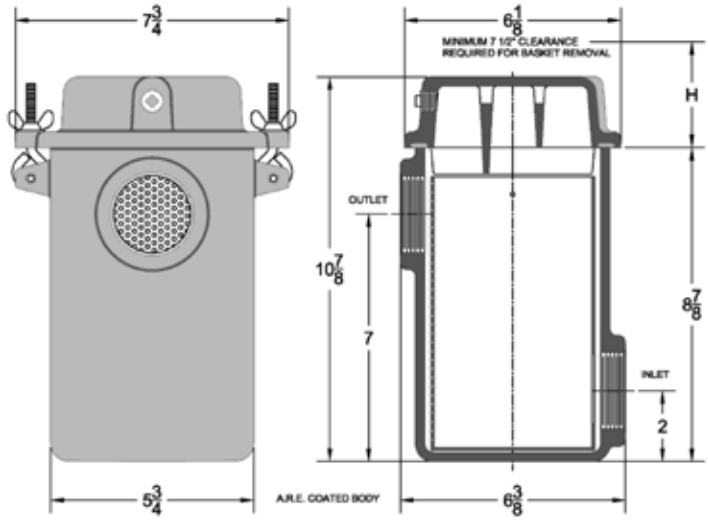
Regularly Furnished: Fabricated A.R.C. steel lint interceptor with removable primary and secondary filters, gasketed cover, stainless steel internal flow control orifice plate, removable cross bars and securing bolts. Primary and Secondary Filters - 3/8" perforations.

Size / No. of Machines	Pipe Size Inlet/Outlet	Regularly Furnished	Flow Rate (GPM)	Liquid Capacity (Gal.)	Dimensions (Inches)					No. of Lids	No. of Bolts	Wt. Lbs.
					A	B	D	H	E			
3	2"	$ 15,803.00	30	40.7	29 1/2	20	17	4	20	1	4	165.0
4	3"	17,628.00	40	48.3	29 1/2	20 1/2	20	4	24	1	4	178.0
8	4"	18,391.00	70	72.7	33 1/2	26	26	4	30	2	8	181.0
10	4"	21,640.00	100	109.7	37 1/2	30	28	4	32	2	8	250.0
15	6"	21,704.00	150	201.7	55 1/2	26	30	6	36	2	8	275.0
20	6"	26,192.00	200	220.0	67 1/2	28	32	8	40	3	12	300.0
30	6"	30,450.00	300	335.2	67 1/2	28	44	10	54	3	12	360.0
40	6"	34,713.00	400	417.0	67 1/2	30	54	12	66	3	12	450.0
50	6"	38,983.00	500	411.7	67 1/2	40	50	10	60	3	12	562.0
75	6"	81,843.00	750	807.5	91 1/2	40	54	8	62	4	16	565.0
100	6"	95,462.00	1000	864.5	98	50	54	12	66	4	16	585.0
150	8"	125,393.00	1500	1612.3	98	50	80	12	92	4	16	635.0

Size / No. of Machines	Pipe Size Outlet Type	Suffix Options (Add)		
		-RS Replacement Screen	XT Extension *	
			Up to 6"	Each 1" over 6"
3	2IPS/2NH	$ 1,111.00	$ 2,706.00	$ 191.00
4	3IPS/3NH	1,145.00	2,706.00	191.00
8	4IPS/4NH	1,551.00	2,706.00	191.00
10	4IPS/4NH	2,225.00	3,775.00	272.00
15	6IPS/6NH	2,484.00	3,775.00	327.00
20	6IPS/6NH	2,828.00	3,775.00	327.00

Size / No. of Machines	Pipe Size Outlet Type	Suffix Options (Add)		
		-RS Replacement Screen	XT Extension *	
			Up to 6"	Each 1" over 6"
30	6IPS/6NH	3,258.00	3,775.00	378.00
40	6IPS/6NH	3,486.00	3,775.00	434.00
50	6IPS/6NH	3,813.00	4,576.00	588.00
75	6IPS/6NH	5,139.00	11,700.00	1,172.00
100	6IPS/6NH	6,422.00	12,869.00	1,763.00
150	8IPS/8NH	6,422.00	14,622.00	2,345.00

5720 Top Access Solid Interceptor



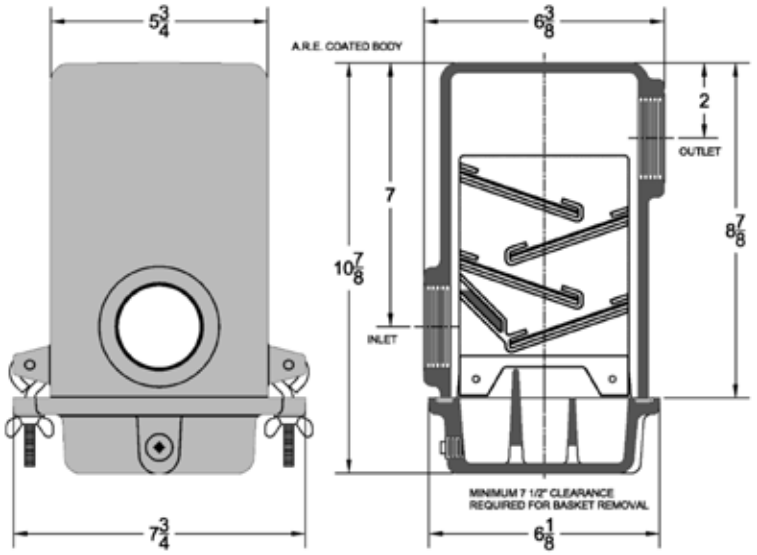


5720-2IPS

Regularly Furnished: A.R.C., cast aluminum top access solids interceptor with gasketed cover & removable sediment bucket.

Inlet / Outlet	Flow Rate (GPM)	Regularly Furnished	Wt. Lbs.	Suffix Options (Add)		
				27 Replacement Basket	123 S/S Mesh Bucket Liner	175 Custom Basket Liner
1-1/2 IPS	15	$ 3,218.00	9.0	$ 785.00	$ 613.00	POA
2 IPS	15	3,218.00	9.0	785.00	613.00	POA

5730 Bottom Access Solid Interceptor



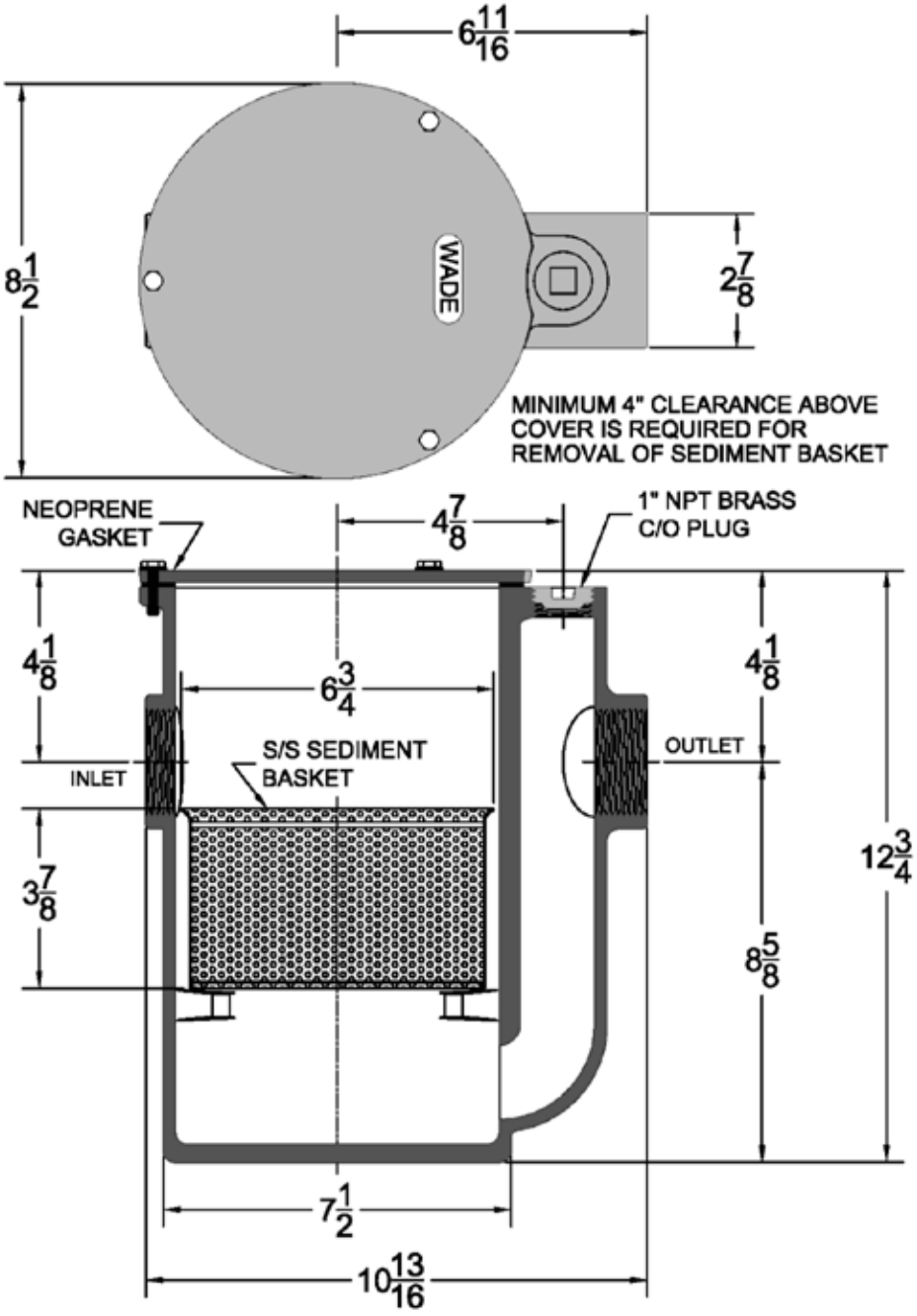


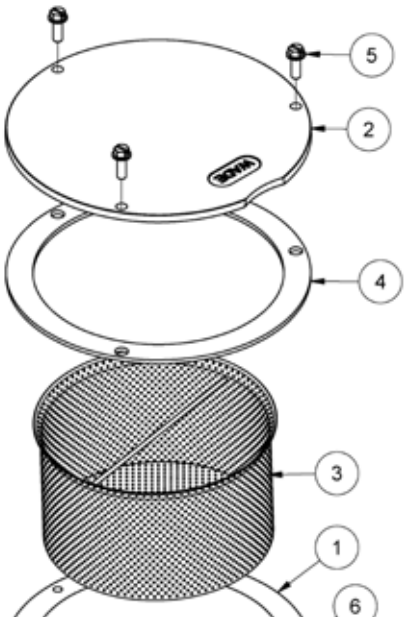
5730-2IPS

Regularly Furnished: A.R.C. cast aluminum bottom access solids interceptor with gasketed cover & removable filter screens with bronze frame.

Inlet / Outlet	Flow Rate (GPM)	Regularly Furnished	Wt. Lbs.	Suffix Options (Add)		
				27 Replacement Basket	123 S/S Mesh Bucket Liner	175 Custom Basket Liner
1-1/2 IPS	15	$ 3,218.00	16.3	$ 785.00	$ 613.00	POA
2 IPS	15	3,218.00	16.3	785.00	613.00	POA

5740 Solids Interceptor



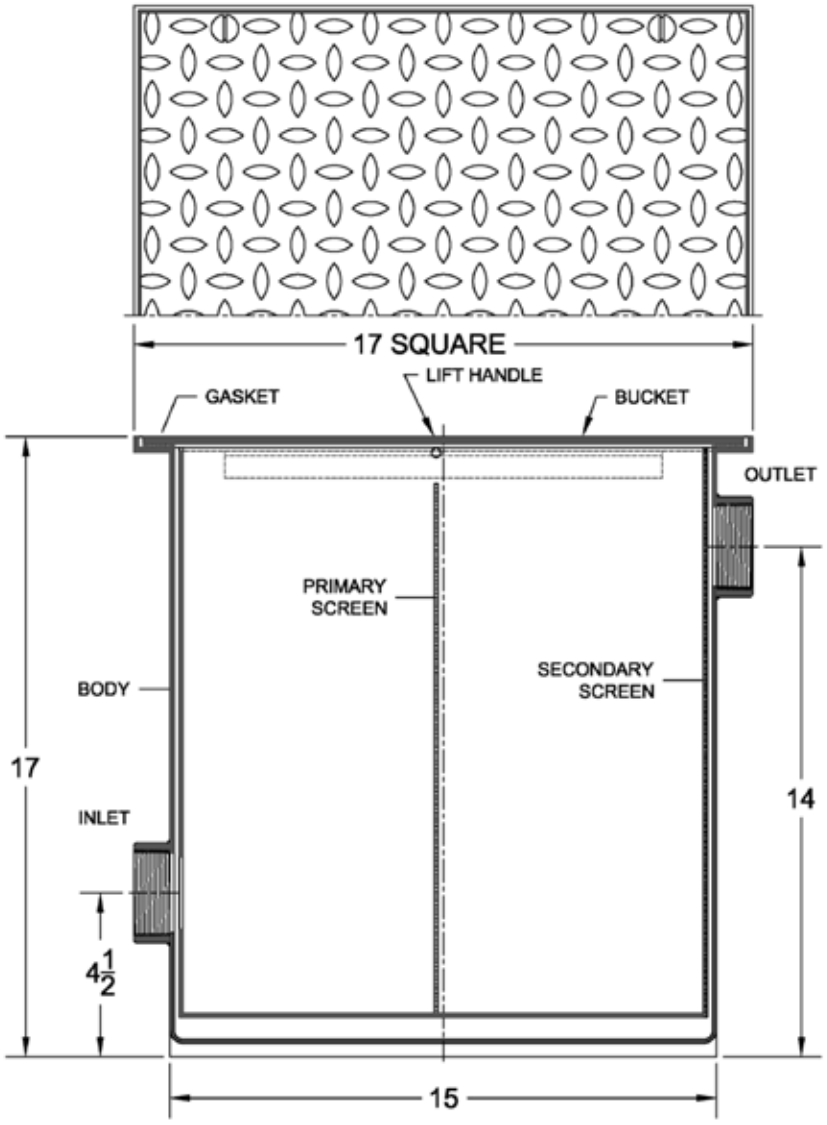


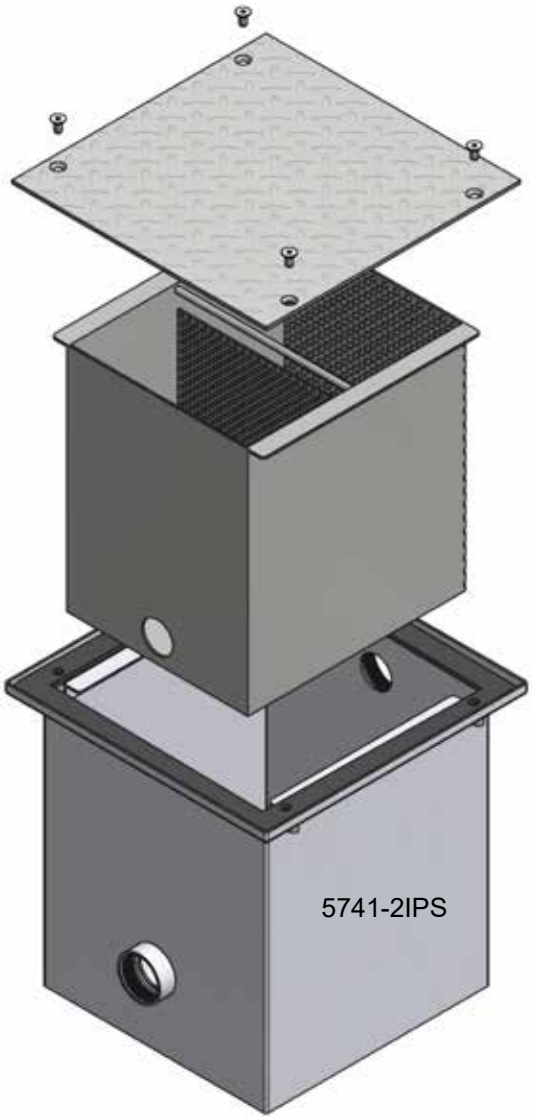
5740-2IPS

Regularly Furnished: A.R.C., cast iron solids interceptor with gasketed cover & removable sediment bucket. 15 GPM.

Inlet / Outlet	Regularly Furnished	Wt. Lbs.	Suffix Options (Add)		
			27 Replacement Basket	123 S/S Mesh Bucket Liner	175 Custom Basket Liner
1-1/2 IPS	$ 3,011.00	41.7	$ 785.00	$ 613.00	POA
2 IPS	3,011.00	41.7	785.00	613.00	POA

5741 Solid Interceptor

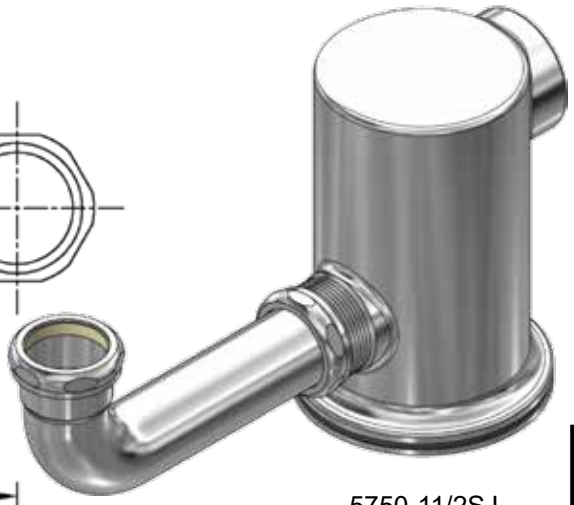




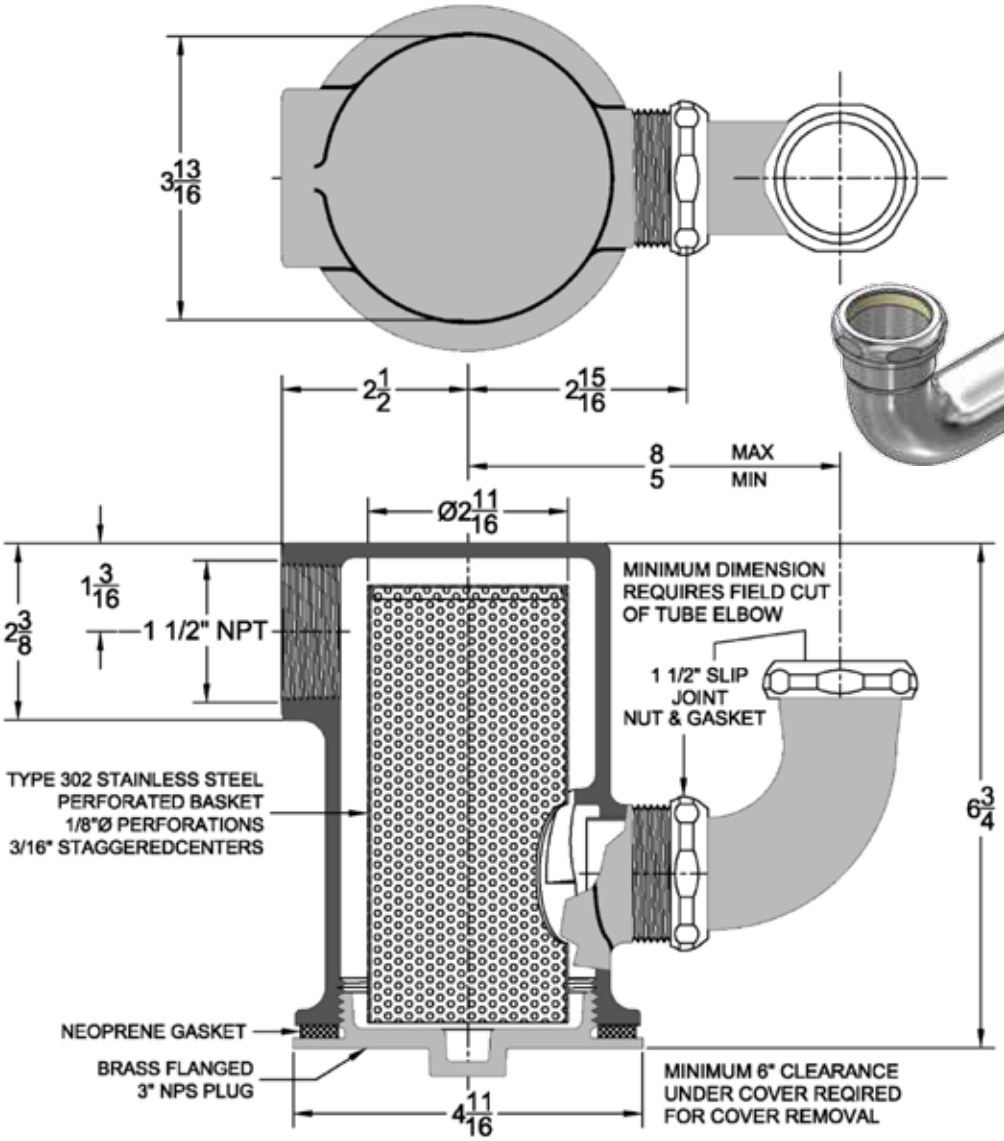
Regularly Furnished: A.R.C., fabricated steel solids interceptor with gasketed cover & removable sediment bucket. 30 GPM.

Inlet / Outlet	Regularly Furnished	Wt. Lbs.	Suffix Options (Add)		
			27 Replacement Basket	123 S/S Mesh Bucket Liner	174 Custom Basket Liner
2 IPS / 2 NH	$ 7,518.00	90.0	$ 3,299.00	$ 1,151.00	POA
3 IPS / 3 NH	7,699.00	16.3	3,469.00	1,319.00	POA

5750 Hair Interceptor



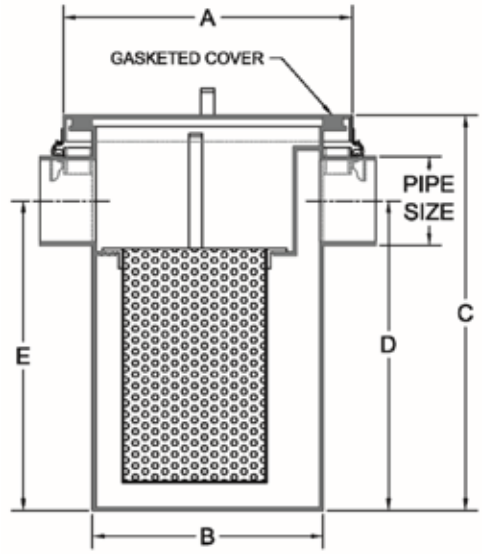
5750-11/2SJ

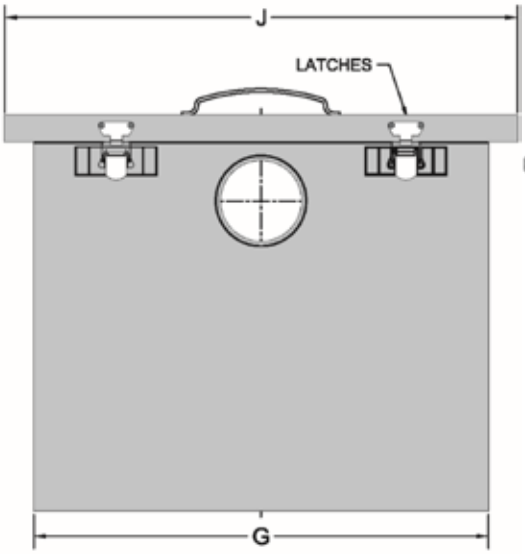


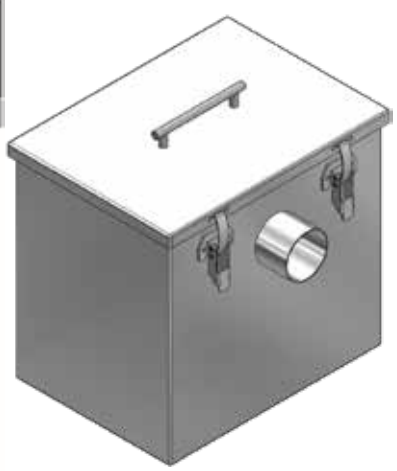
Regularly Furnished: A.R.C. coated cast iron hair interceptor with brass gasketed plug, chrome plated tube elbow & removable stainless steel basket strainer.

Inlet / Outlet	Outlet	Regularly Furnished	Wt. Lbs.	Suffix Options (Add)		
				1 Satin Finish Nickel Bronze Body	27 Replacement Bucket	103 Chrome Plated Bronze Body
1-1/2 SJ	1-1/2 IPS	$ 1,434.00	7.9	$ 2,624.00	$ 410.00	$ 831.00

5760 Solid Interceptor







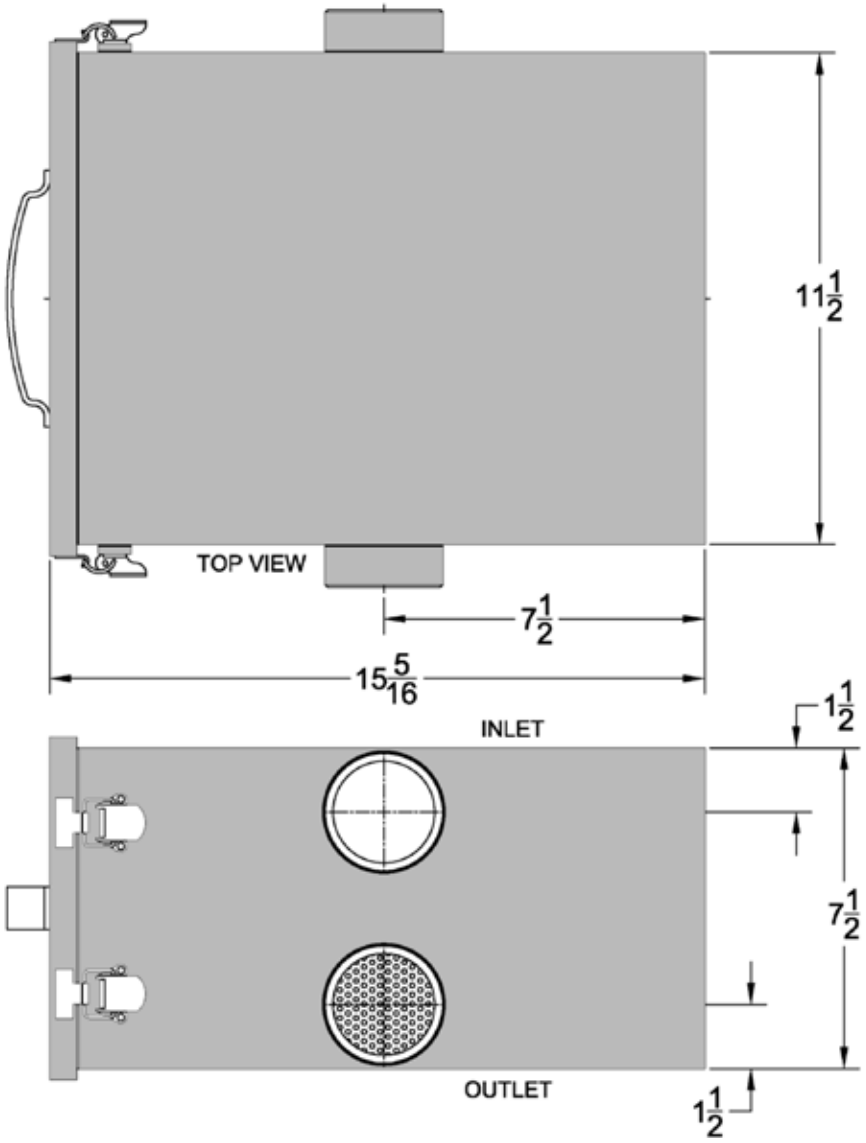
5760-10-2NH-304

Size (GPM)	Pipe Size	A	B	C	D/E	D/E	J	Capacity (Cu. Ft.)	Wt. Lbs.
4	2	11	8-3/4	10-1/2	7	10-1/4	12-1/2	0.12	20.0
7	2	11	8-3/4	13	9-1/2	10-1/4	12-1/2	0.17	24.4
10	2	11	8-3/4	13	9-1/2	12-1/4	14-1/2	0.23	28.0
15	2	11	8-3/4	13	9-1/2	14-1/4	16-1/2	0.38	35.0
20	3	11	8-3/4	13	9-1/2	16	18-1/4	0.30	39.0
25	3	11	8-3/4	18	13-1/2	17-1/4	19-1/2	0.53	48.0
35	4	11	8-3/4	22	17-1/2	17-1/4	19-1/2	0.57	56.5
50	4	11	8-3/4	22	17-1/2	21-1/4	23-1/2	0.88	63.5
75	4	11	8-3/4	30	17-3/4	27-1/4	29-1/2	0.95	66.5
100	4	20-1/4	18	30	17-3/4	27-1/4	29-1/2	2.96	70.9
150	4	20-1/4	18	40	22-1/2	33-1/4	35-1/2	5.70	75.0
200	6	22-/4	20	50	29	33-1/4	35-1/2	5.85	90.0

Size GPM	Regularly Furnished	304 All 304 Stainless Steel	Suffix Options (Add)			
			27 Replacement Basket	XT Integral Extension w/ Flush Non-Skid Cover		174 Customer Basket Liner
				Up to 6"	Each 1" Over 6"	
4	$ 2,946.00	$ 4,577.00	$ 1,351.00	$ 2,925.00	$ 147.00	POA
7	3,018.00	4,861.00	1,403.00	2,996.00	153.00	POA
10	3,173.00	5,235.00	1,549.00	2,996.00	158.00	POA
15	3,489.00	5,901.00	1,734.00	3,460.00	173.00	POA
20	3,775.00	6,415.00	1,874.00	3,460.00	186.00	POA
25	4,191.00	7,465.00	2,177.00	3,460.00	210.00	POA
35	4,528.00	8,366.00	2,432.00	3,460.00	225.00	POA
50	4,951.00	9,425.00	2,734.00	3,460.00	246.00	POA
75	5,468.00	10,560.00	2,892.00	3,460.00	275.00	POA
100	5,925.00	11,445.00	3,471.00	3,471.00	325.00	POA
150	7,108.00	13,737.00	3,471.00	3,471.00	391.00	POA
200	8,529.00	16,479.00	5,000.00	5,000.00	469.00	POA

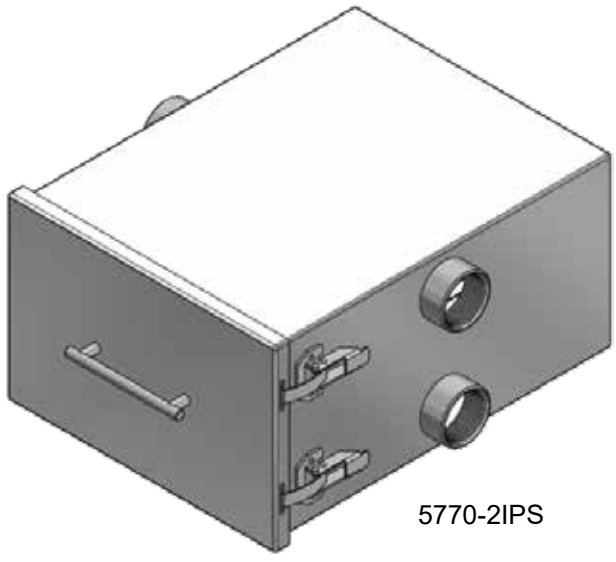
Regularly Furnished: Fabricated A.R.C. steel solids interceptor with removable perforated stainless steel sediment basket, & gasketed cover with lift handle.

5770 Solids Interceptor



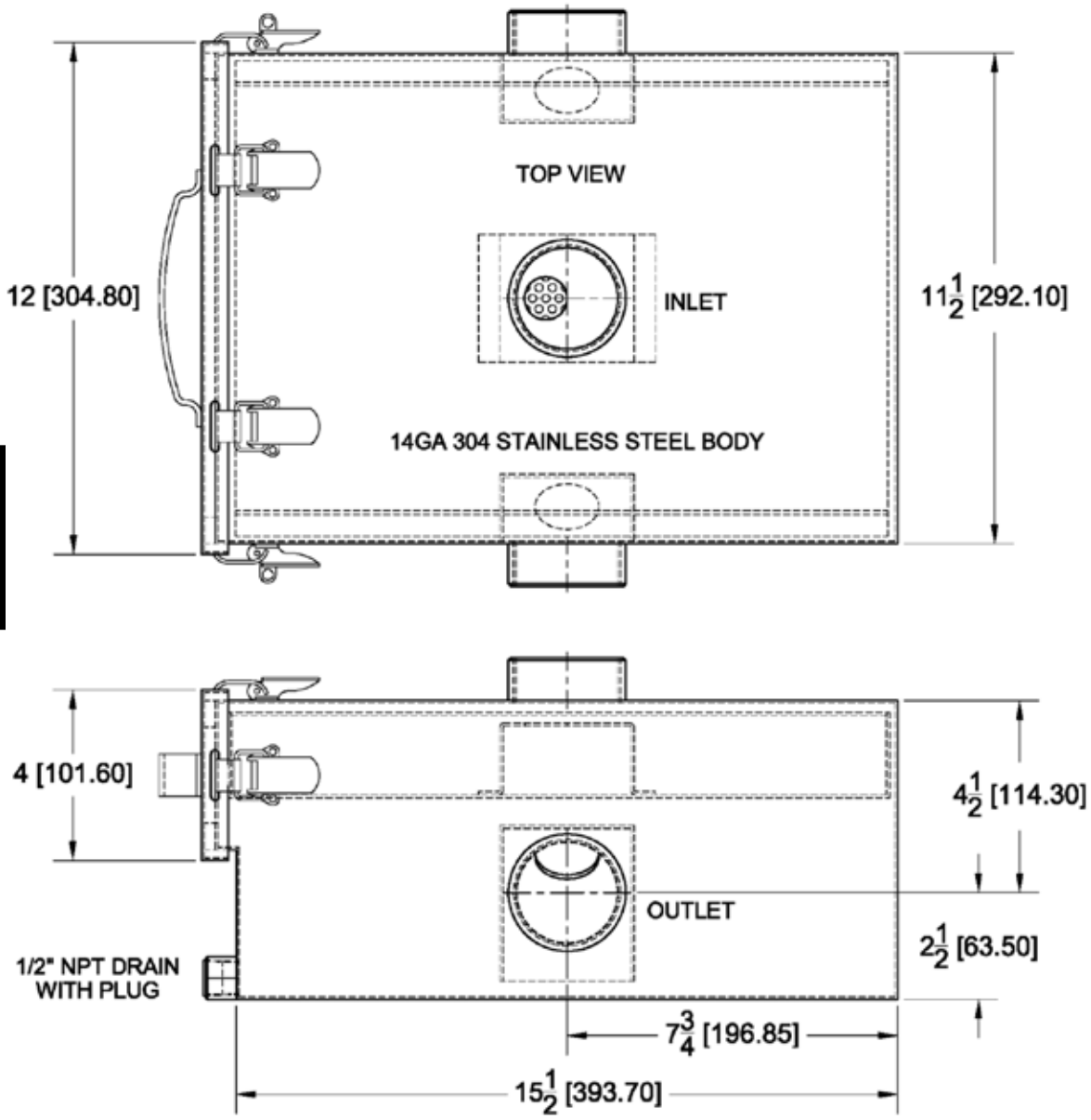
Regularly Furnished: Fabricated stainless steel, side access solids interceptor with removable perforated stainless steel sediment basket, & gasketed cover with lift handle. 35 GPM

Inlet / Outlet	Regularly Furnished	Wt. Lbs.	Suffix Options (Add)
			27 Replacement Bucket
2 IPS	$ 12,482.00	20.0	$ 4,071.00



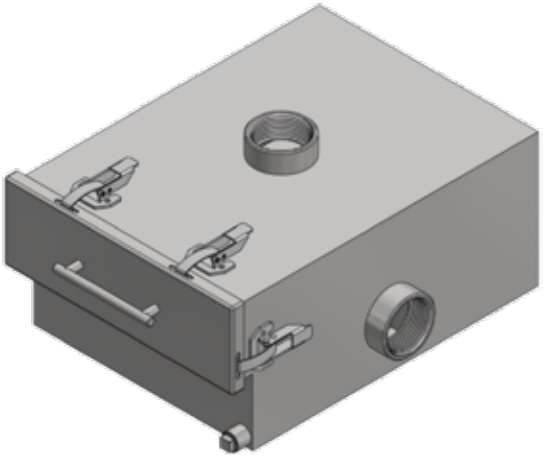
5770-2IPS

5790 Solids Interceptor



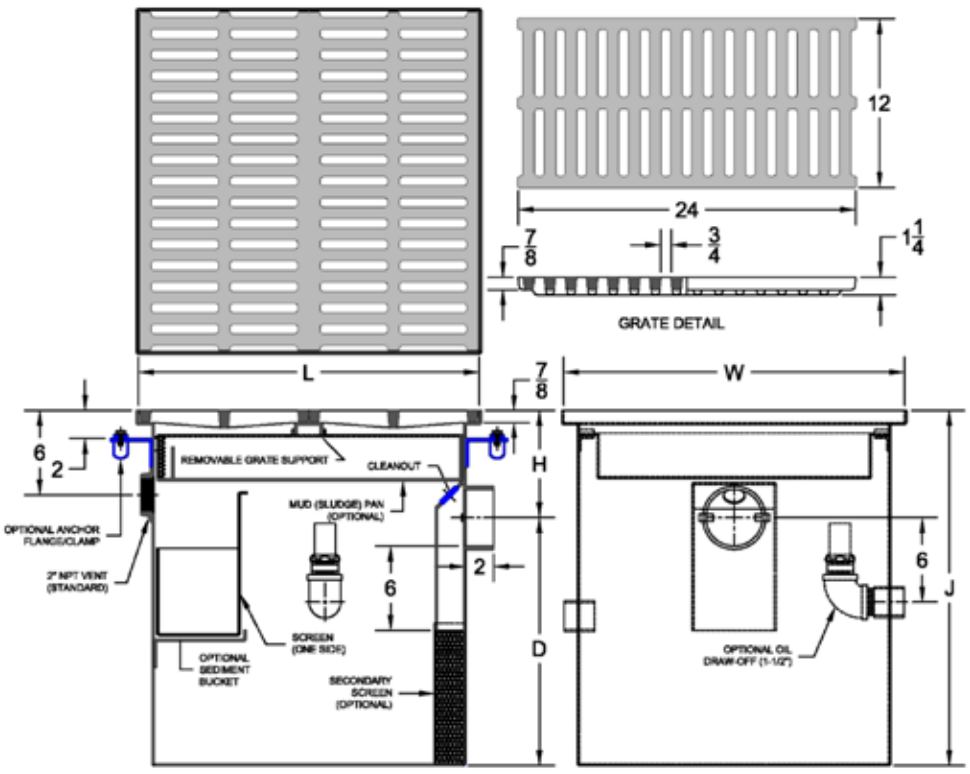
Regularly Furnished: 14 GA Fabricated stainless steel solids interceptor with latched side cover, top inlet, removable basket, side outlets and drain port with plug. Perforations—3/16" diameter staggered centers—51% open area.

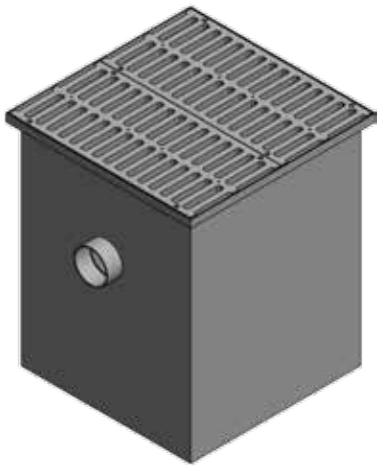
Inlet / Outlet	Regularly Furnished	Wt. Lbs.	Suffix Options (Add)		
			VP Vandal Proof Lid	174 Mesh Lined Bucket	233 Adjustable Mount Brackets
2 IPS	$ 11,305.00	23.0	$ 244.00	$ 1,395.00	$ 851.00



5790-2IPS

5800 Oil / Sediment Interceptor





5800-60-4NH

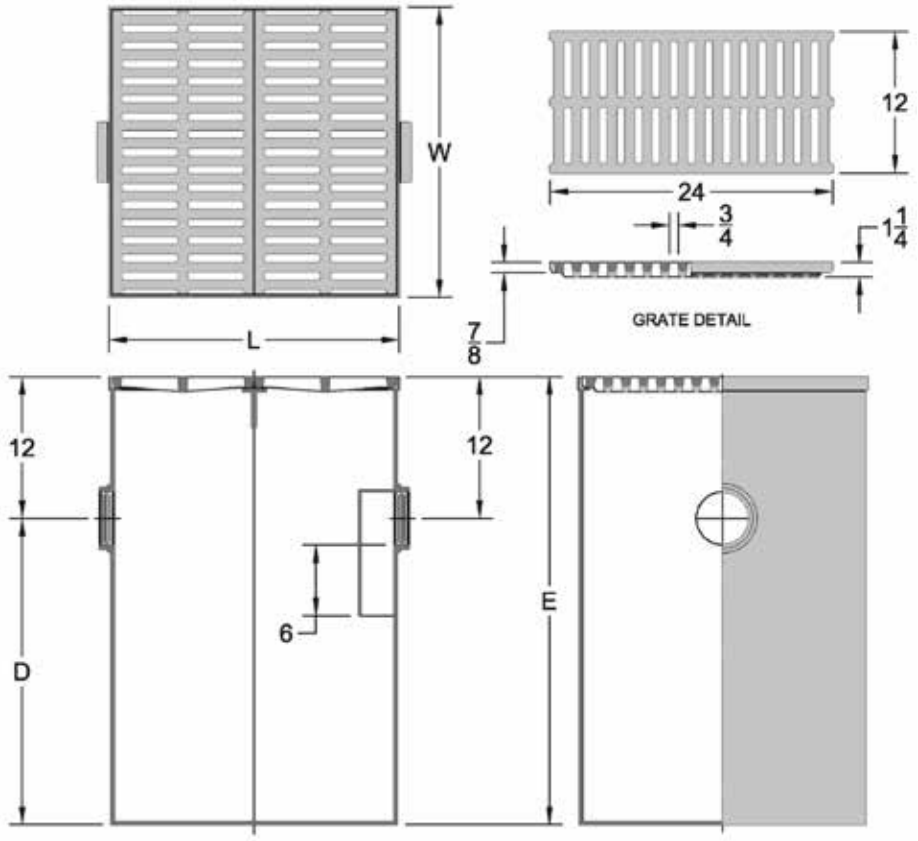
*** Sediment Package includes sediment bucket, mud pan and secondary screen.

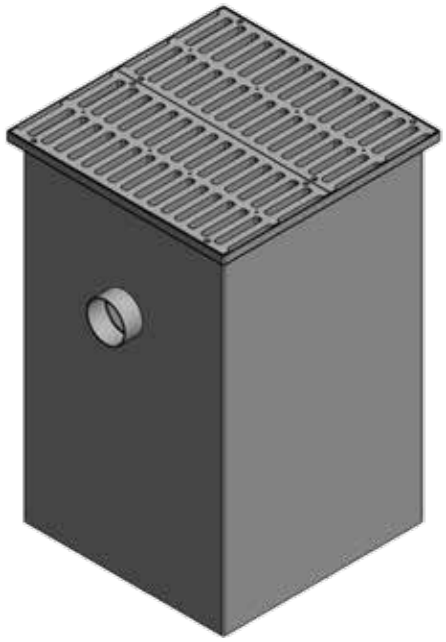
Regularly Furnished: Fabricated A.R.C. steel oil / sediment interceptor with heavy duty grate & integral trap with cleanout.

Sludge Capacity (Lbs.)	Pipe Size	Capacity (Gal.)	Grate Qty	L	W	D	H	J	Wt. Lbs.
4	3	4	1	12-1/2	12-1/2	10-1/2	4-1/2	215	102.0
12	3	9	1	12-1/2	24-1/2	10-1/2	4-1/2	15	140.0
60	4	35	2	24-1/2	24-1/2	18	11	29	300.0
65	4	47	2	24-1/2	24-1/2	24	11	35	395.0
75	4	60	2	24-1/2	24-1/2	30	11	41	410.0
80	4	72	2	24-1/2	24-1/2	36	11	47	425.0
100	4	67	3	36-5/8	24-1/2	22	11	33	445.0
200	4	90	4	48-5/8	24-1/2	22	11	33	560.0
300	4	189	8	48-5/8	48-5/8	22	11	33	650.0

Size	Inlet / Outlet	Regularly Furnished	Suffix Options (Add)								
			HD Heavy Duty Cover	24 Anchor Flange	26 Anchor Flange w/ Clamping Device	27 Sediment Bucket	183 Oil Draw off Connection	256 Secondary Screen Trap Guard	271 Sediment Package	XT Extension	
										Up to 10"	Each 1" over 10"
4	3IPS/NH	$ 4,593.00	$ 854.00	$ 1,068.00	$ 1,376.00	$ 392.00	$ 1,191.00	$ 765.00	$ 1,154.00	$ 784.00	$ 122.00
12	3IPS/NH	4,877.00	982.00	1,101.00	1,519.00	413.00	1,191.00	765.00	1,178.00	887.00	137.00
60	4IPS/NH	13,476.00	1,967.00	1,519.00	2,279.00	765.00	1,191.00	1,214.00	1,605.00	1,327.00	202.00
65	4IPS/NH	14,744.00	2,204.00	1,686.00	2,287.00	839.00	1,191.00	839.00	1,682.00	1,340.00	200.00
75	4IPS/NH	15,748.00	2,629.00	1,778.00	2,527.00	835.00	1,191.00	839.00	1,724.00	1,440.00	206.00
80	4IPS/NH	17,588.00	2,932.00	1,858.00	2,662.00	885.00	1,191.00	839.00	1,724.00	1,755.00	239.00
100	4IPS/NH	19,260.00	3,223.00	1,911.00	2,874.00	973.00	1,191.00	839.00	1,811.00	1,756.00	286.00
200	4IPS/NH	28,777.00	4,299.00	2,511.00	3,691.00	1,191.00	1,191.00	839.00	2,030.00	2,639.00	419.00
300	4IPS/NH	37,998.00	5,677.00	3,312.00	4,875.00	1,561.00	1,191.00	839.00	2,402.00	3,485.00	556.00

5810 Oil / Sediment Interceptor





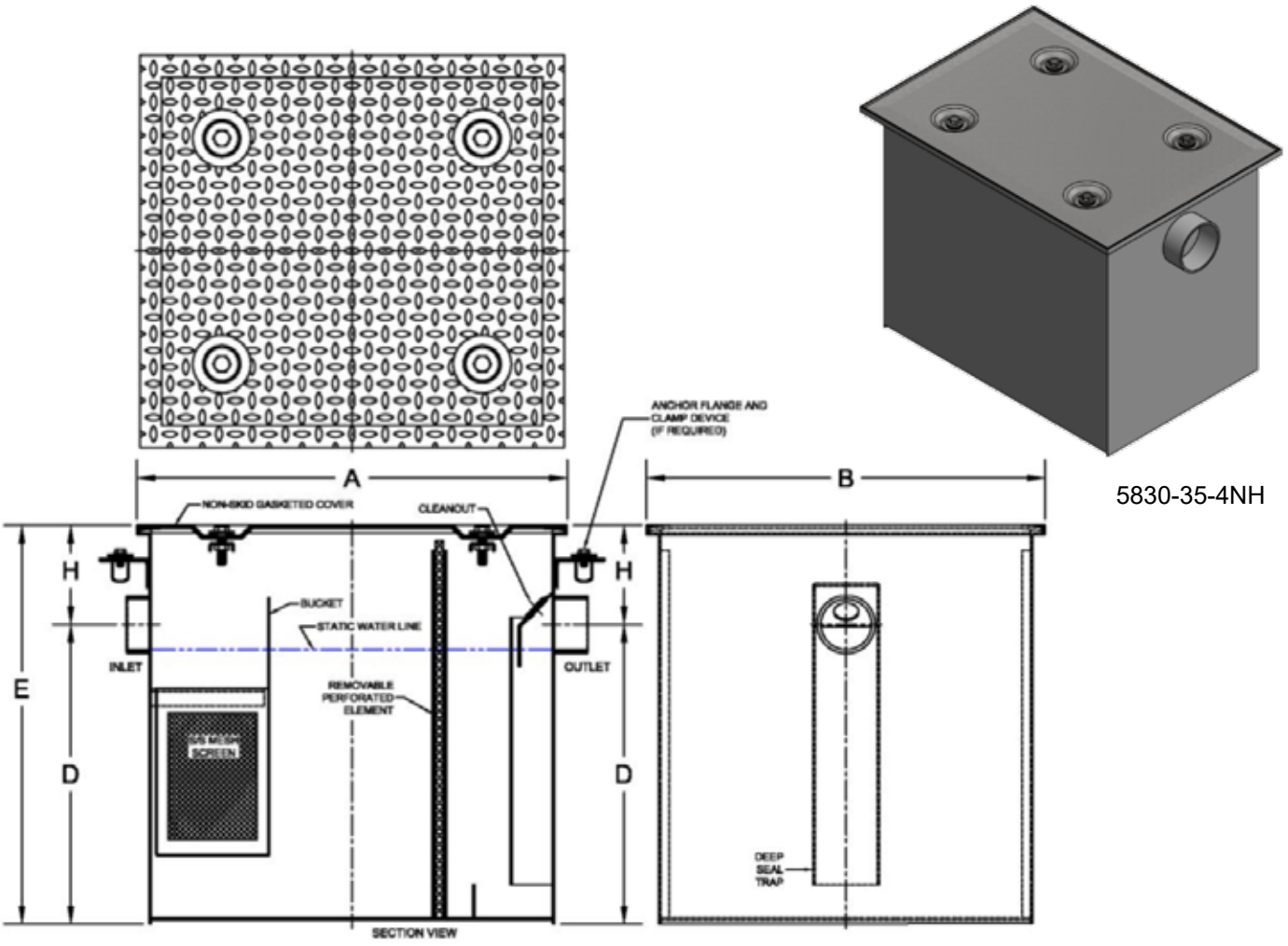
5810-20-4NH

Flow Rate GPM	Pipe Size (Inlet/Outlet)	Liquid Capacity (Gal.)	Dimensions (Inches)				
			L	W	D	E	Wt. Lbs.
20	4	60	24	24	26	38	285.0
50	4	120	48	24	26	38	489.0
150	4	360	48	48	38	50	940.0
250	6	540	72	48	39	51	1410.0
500	6	1200	120	48	51	63	2397.0

Size/GPM	Inlet / Outlet	Regularly Furnished	Suffix Options (Add)					
			HD Heavy Duty Cover	24 Anchor Flange	26 Anchor Flange w/ Clamp Device	VP Vandal Proof	XT Extension	
							Up to 6"	Each 1" Over 6"
20	4IPS/4NH	$ 19,770.00	$ 3,776.00	$ 3,063.00	$ 3,885.00	$ 236.00	$ 1,201.00	$ 214.00
50	4IPS/4NH	33,509.00	7,543.00	3,446.00	4,851.00	236.00	1,866.00	265.00
150	4IPS/4NH	101,289.00	15,091.00	4,197.00	6,748.00	236.00	3,281.00	491.00
250	6IPS/6NH	105,408.00	22,664.00	6,014.00	10,231.00	236.00	5,006.00	630.00
500	6IPS/6NH	141,735.00	37,785.00	8,981.00	15,138.00	236.00	8,503.00	851.00

Regularly Furnished: Fabricated A.R.C. steel sand / sediment interceptor with heavy duty grate.

5830 Hair / Fur Interceptor



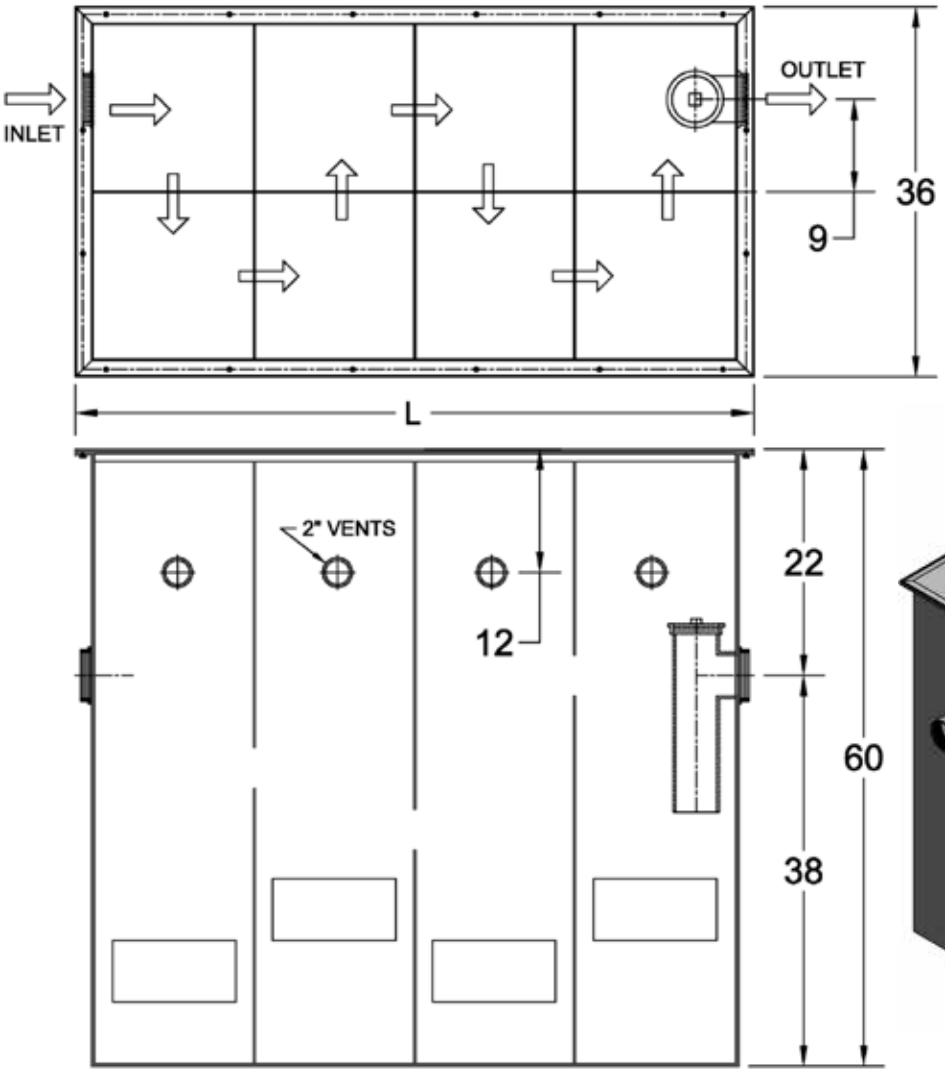
5830-35-4NH

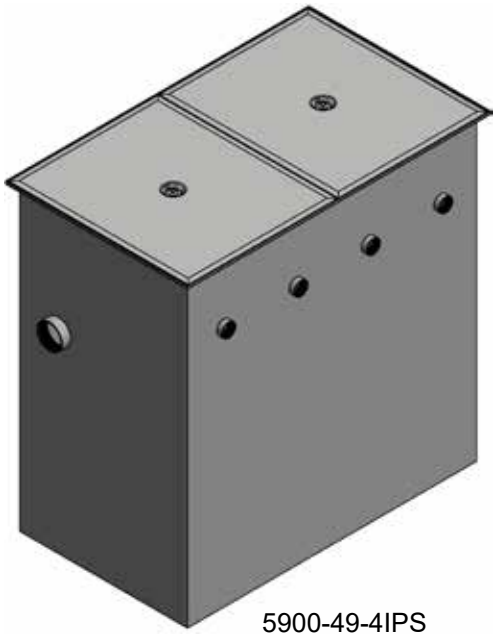
Regularly Furnished: Fabricated A.R.C. steel hair / fur interceptor with removable mesh lined bucket & secondary screen.

Flow Rate GPM	Pipe Size (Inlet/Outlet)	Liquid Capacity (Gal.)	Dimensions (Inches)					
			A	B	D	H	E	Wt. Lbs.
10	3	21.0	20	18	18	6	24	165.0
25	4	37.7	26	24	18	6	24	181.0
35	4	46.7	30	24	18	6	24	250.0
50	4	88.8	40	26	24	6	30	280.0

Size / GPM	Inlet / Outlet	Regularly Furnished	Suffix Options (Add)			
			24 Anchor Flange	26 Anchor Flange w/ Clamping Device	XT Extension	
					Up to 6"	Each 1" over 6"
10	3IPS/3NH	$ 13,448.00	$ 3,057.00	$ 3,874.00	$ 11,281.00	$ 469.00
25	4IPS/4NH	22,687.00	3,255.00	4,102.00	12,100.00	709.00
35	4IPS/4NH	27,118.00	3,388.00	4,247.00	12,558.00	765.00
50	4IPS/4NH	35,867.00	3,436.00	4,838.00	14,970.00	895.00

5900 Sand / Sediment Interceptor





5900-49-4IPS

Regularly Furnished: Fabricated A.R.C. steel sand / sediment interceptor with stationary baffles & 2" threaded vent connections

Size Cu. Ft.	Inlet / Outlet	L (Inches)	Wt. Lbs.	Regularly Furnished	Suffix Options (Add)			
					HD Heavy Duty Cover	24 * Anchor Flange	XT Extension *	
							Up to 6"	Each 1" over 6"
49	4IPS/4NH	60	1600.0	$ 60,201.00	$ 2,364.00	$ 2,639.00	$ 1,842.00	$ 286.00
54	4IPS/4NH	72	1750.0	88,797.00	2,967.00	3,017.00	2,263.00	378.00
72	4IPS/4NH	96	2100.0	120,852.00	4,339.00	6,027.00	3,258.00	523.00
81	4IPS/4NH	108	2500.0	123,504.00	4,946.00	6,779.00	3,964.00	616.00
90	4IPS/4NH	120	2700.0	135,074.00	5,376.00	7,532.00	4,520.00	661.00
108	4IPS/4NH	144	3000.0	139,137.00	5,928.00	9,039.00	5,458.00	762.00
135	4IPS/4NH	180	3640.0	165,685.00	11,295.00	11,295.00	6,027.00	902.00