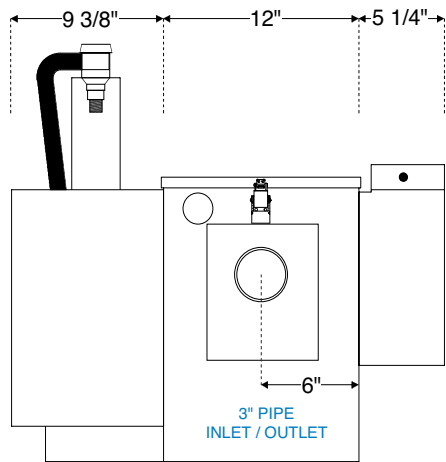
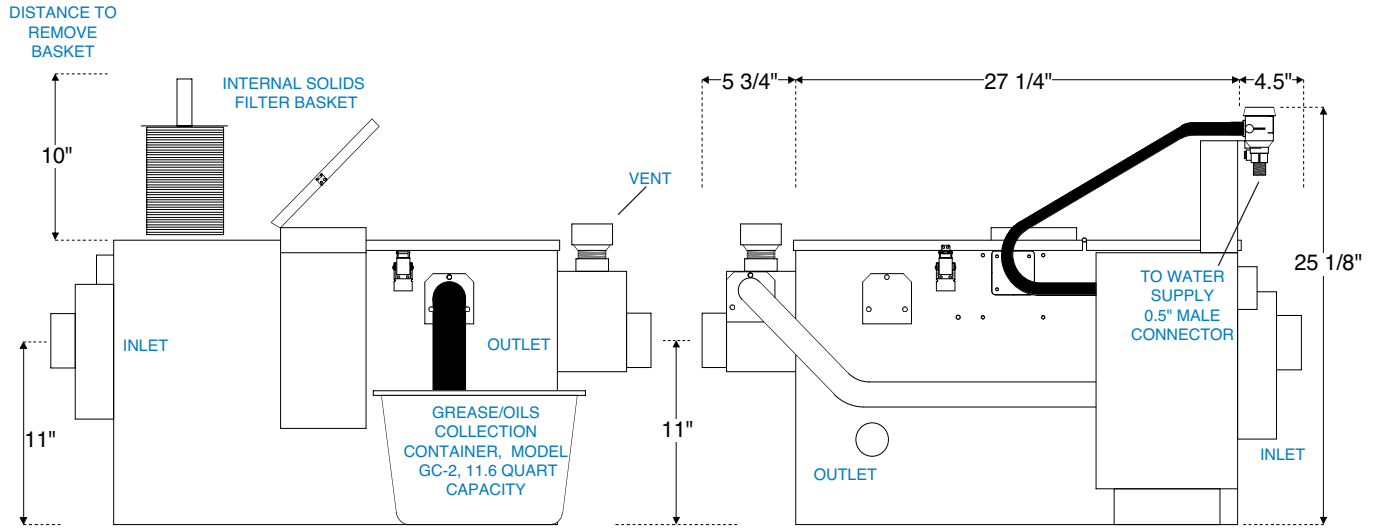




Automatic Solids Transfer System

W-300-AST Specifications



FEATURES

No strainers to empty manually. The Automatic Solids Transfer feature automatically pumps incidental solids around the system.

Fully automatic self-cleaning cycle. Removes collected grease/oils from tank without any operator assistance.

Constructed of corrosion resistant materials suitable for installation in virtually any location.

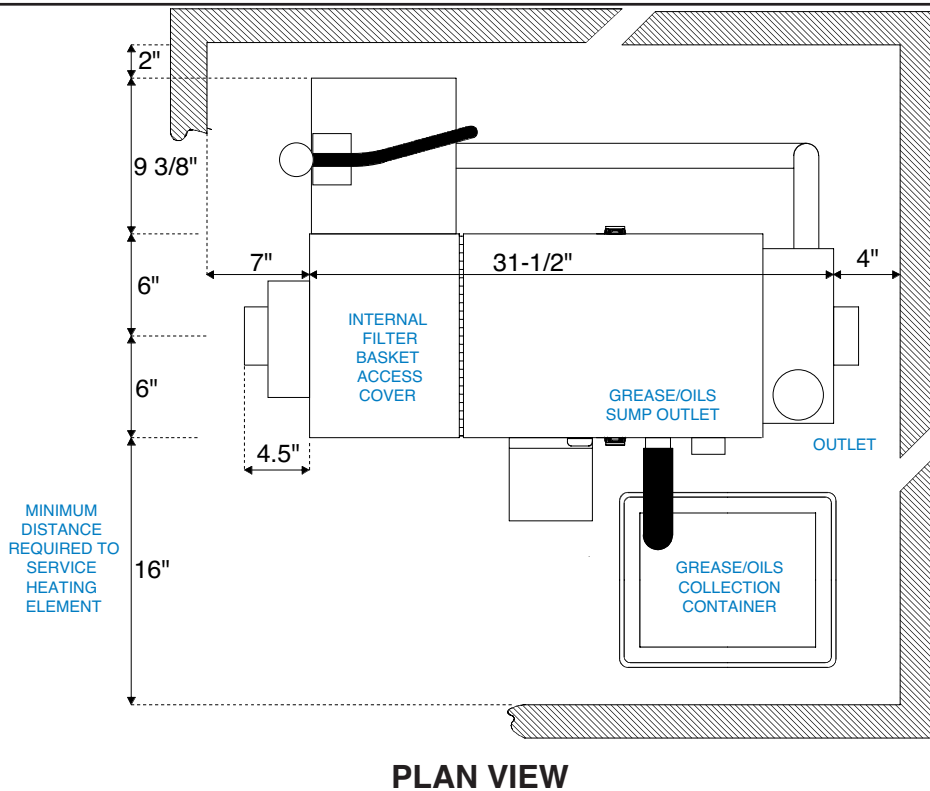
Comes complete with Grease Collection Container and 24 hour Time Control.

* Note: Not intended for use with solids larger than 1" (25 mm) in diameter. The FS-1 or ILS-1 solids strainers are recommended for use ahead of the AST system for sites with solids greater than 1".

TECHNICAL INFORMATION

Materials: _____ 16 Gauge, 304 Stainless Steel, Bright Finish
 Electrical: _____ 115 VAC 60 Hz 1500 Watts (13 amps)
 Maximum Inlet Flow Rate: _____ 30 GPM
 Number of Skimming Wheels: _____ 2
 Skimming Rate: _____ 52.5 Pounds Per Hour
 Grease Retention Capacity: _____ 60 Pounds
 Eductor Pump Operation Water Requirements: _____ 5 GPM

INSTALLATION INFORMATION



DO . . .

READ instruction manual included with system before doing anything.

Install unit allowing for the minimum clearances shown.

Provide a minimum 5 GPM, 50 PSI water supply for solids pump operation.

Make sure the height above the Internal Strainer Access Cover is enough to remove the strainer.

Make piping connections with rubber "No Hub" connectors.

Keep outlet piping as straight as possible. Use only "sweep" connections.

Install vent on outlet piping.

Fill the tank with water before energizing the power to the motor and heater.

Set Programmable Time Controllers for proper operating times.

DON'T . . . Install "P" trap on outlet connection of tank. (Note: the unit already has an internal gas trap).

Reduce pipe size on outlet piping.

Note:

Installations must comply with all applicable local, state, and national codes for your area.

Job Specification:

Grease and oil separator(s) shall be Thermaco **BIG DIPPER** automatic grease/oil recovery system with Automatic Solids Transfer as manufactured by Thermaco, Inc., Asheboro, North Carolina as noted on plans.

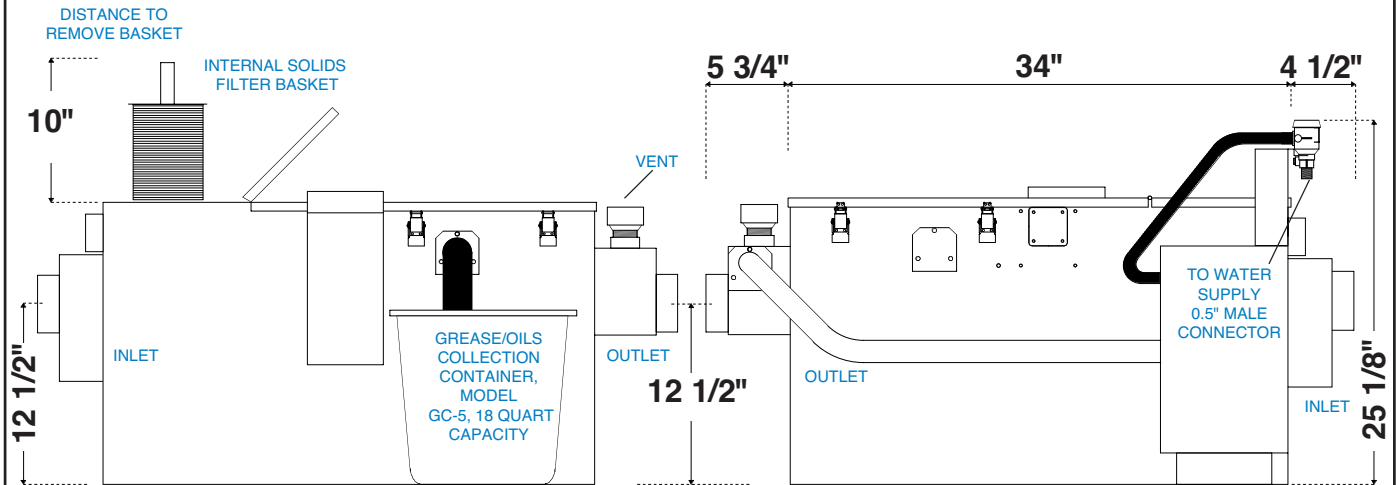
Separator Specifications:

Furnish and install ___ Thermaco **BIG DIPPER** Model No. W-300-AST, bright finish type 304 stainless steel automatic self-cleaning grease and oil recovery separator(s) for floor mounted, partially recessed, or below floor installation, rated at 30 gallons per minute peak flow, 60 pounds of grease capacity and including as an integral part of the unit, 2 rotating gear hydrophobic wheel assemblies for automatic grease/oil removal, an integral flow control device, self-regulating enclosed electric immersion heater, a vessel vent, an integral gas trap, an integral programmable 24 hour multi-event time control, a field reversible grease/oil sump outlet pipe, quick release stainless steel lid clamps, a gasketed and fully removable 304 stainless steel lid with safety switch, a hinged lift out strainer access, one internal stainless steel filter basket for separation of coarse solids, an eductor transfer pump controlled by repeat cycle timer, and a separate grease and oils collection container. Eductor pump shall be supplied with a 0.5" male connector for attachment to facility-supplied water supply. Eductor pump shall be supplied with an integral atmospheric vacuum breaker. Electric assembly shall be tested to comply with pertinent sections of the Standards for Safety ANSI/UL 73 and/or ANSI/UL 1004. Skimmer electric motors shall be equipped with thermal overload protection with automatically resettable switch.



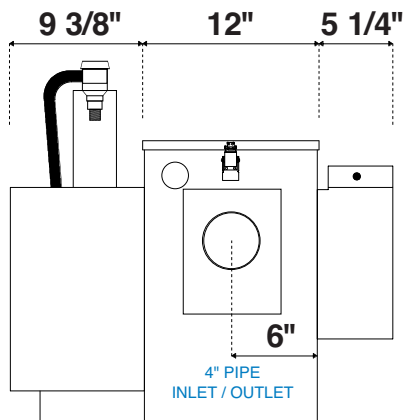
Automatic Solids Transfer System

W-500-AST Specifications



FRONT VIEW

BACK VIEW



INLET END

FEATURES

No strainers to empty manually. The Automatic Solids Transfer feature automatically pumps incidental solids around the system.

Fully automatic self-cleaning cycle. Removes collected grease/oils from tank without any operator assistance.

Constructed of corrosion resistant materials suitable for installation in virtually any location.

Comes complete with Grease Collection Container and 24 hour Time Control.

* Note: Not intended for use with solids larger than 1" (25 mm) in diameter. The FS-1 or ILS-1 solids strainers are recommended for use ahead of the AST system for sites with solids greater than 1".

TECHNICAL INFORMATION

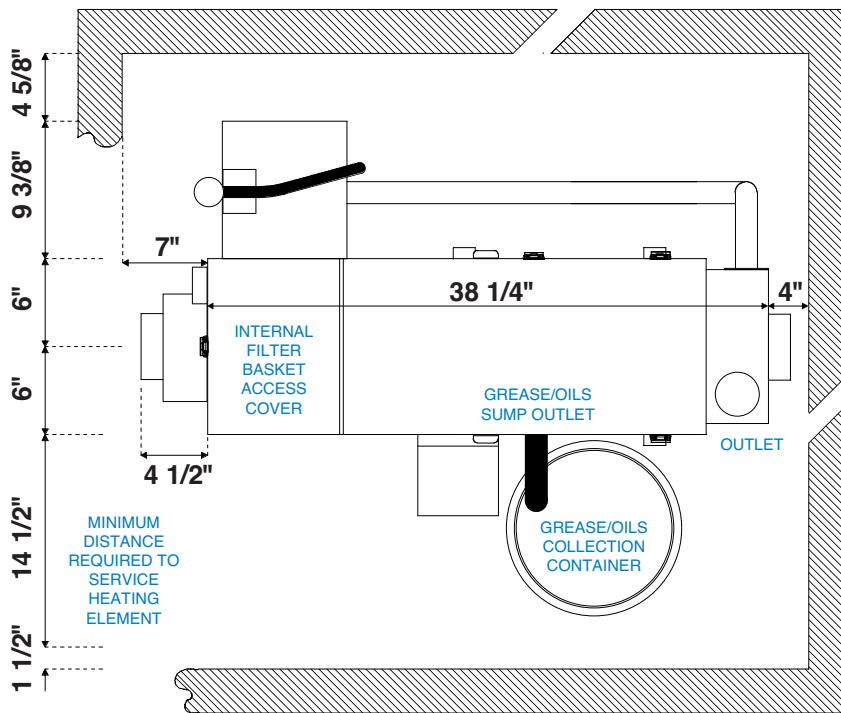
Materials: _____ 16 Gauge, 304 Stainless Steel, Bright Finish
 Electrical: _____ 115 VAC 60 Hz 1500 Watts (20 amps)
 Maximum Inlet Flow Rate: _____ 50 GPM
 Number of Skimming Wheels: _____ 2
 Skimming Rate: _____ 52.5 Pounds Per Hour
 Grease Retention Capacity: _____ 110 Pounds
 Eductor Pump Operation Water Requirements: _____ 5 GPM



Automatic Solids Transfer System

W-500-AST Specifications

INSTALLATION INFORMATION



PLAN VIEW

DO . . .

READ instruction manual included with system before doing anything.

Install unit allowing for the minimum clearances shown.

Provide a minimum 5 GPM, 50 PSI water supply for solids pump operation.

Make sure the height above the Internal Strainer Access Cover is enough to remove the strainer.

Make piping connections with rubber "No Hub" connectors.

Keep outlet piping as straight as possible. Use only "sweep" connections.

Install vent on outlet piping.

Fill the tank with water before energizing the power to the motor and heater.

Set Programmable Time Controllers for proper operating times.

DON'T . . .

Install "P" trap on outlet connection of tank. (Note: the unit already has an internal gas trap).

Reduce pipe size on outlet piping.

Note:

Installations must comply with all applicable local, state, and national codes for your area.

Job Specification:

Grease and oil separator(s) shall be Thermaco **BIG DIPPER** automatic grease/oil recovery system with Automatic Solids Transfer as manufactured by Thermaco, Inc., Asheboro, North Carolina as noted on plans.

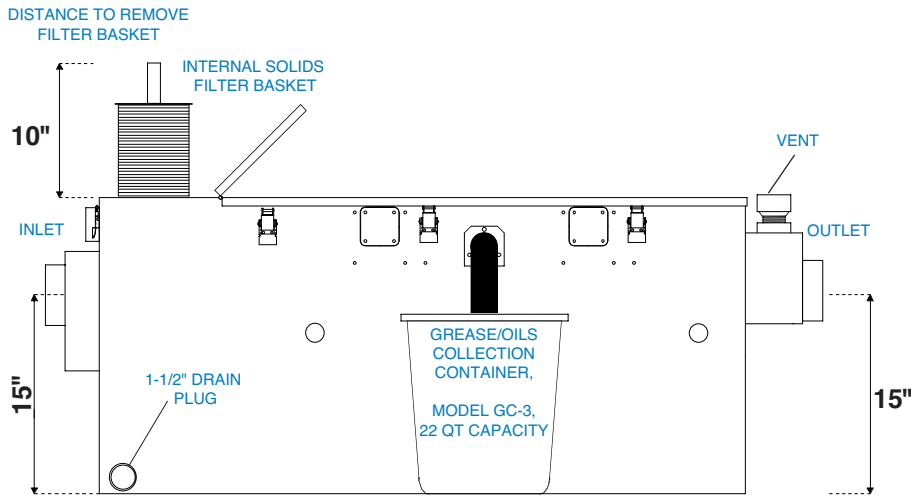
Separator Specifications:

Furnish and install ___ Thermaco **BIG DIPPER** Model No. W-500-AST, bright finish type 304 stainless steel automatic self-cleaning grease and oil recovery separator(s) for floor mounted, partially recessed, or below floor installation, rated at 50 gallons per minute peak flow, 110 pounds of grease capacity and including as an integral part of the unit, 2 rotating gear hydrophobic wheel assemblies for automatic grease/oil removal, an integral flow control device, self-regulating enclosed electric immersion heater, a vessel vent, an integral gas trap, an integral programmable 24 hour multi-event time control, a field reversible grease/oil sump outlet pipe, quick release stainless steel lid clamps, a gasketed and fully removable 304 stainless steel lid with safety switch, a hinged lift out strainer access, one internal stainless steel filter basket for separation of coarse solids, a eductor transfer pump controlled by repeat cycle timer, and a separate grease and oils collection container. Eductor pump shall be supplied with a 0.5" male connector for attachment to facility-supplied water supply. Eductor pump shall be supplied with an integral atmospheric vacuum breaker. Electric assembly shall be tested to comply with pertinent sections of the Standards for Safety ANSI/UL 73 and/or ANSI/UL 1004. Skimmer electric motors shall be equipped with thermal overload protection with automatically resettable switch.

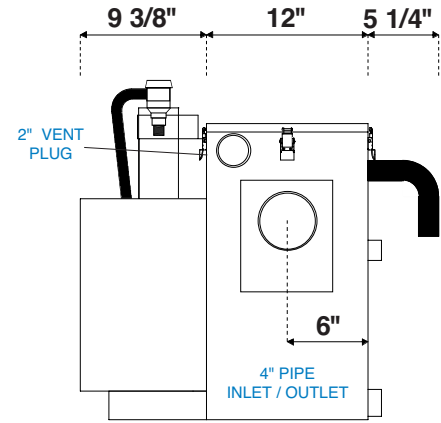


Automatic Solids Transfer System

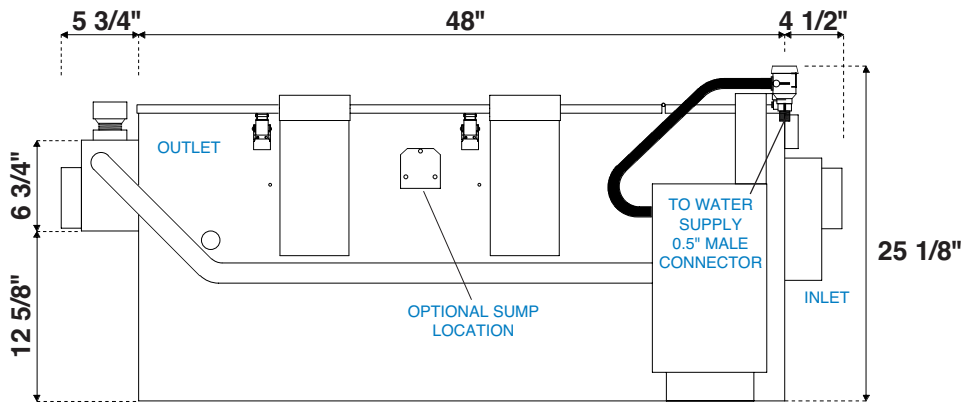
W-750-AST Specifications



FRONT VIEW



INLET END



BACK VIEW

FEATURES

No strainers to empty manually. The Automatic Solids Transfer feature automatically pumps incidental solids around the system.

Fully automatic self-cleaning cycle. Removes collected grease/oils from tank without any operator assistance.

Constructed of corrosion resistant materials suitable for installation in virtually any location.

Comes complete with Grease Collection Container and 24 hour Time Control.

* Note: Not intended for use with solids larger than 1" (25 mm) in diameter. The FS-1 or ILS-1 solids strainers are recommended for use ahead of the AST system for sites with solids greater than 1".

TECHNICAL INFORMATION

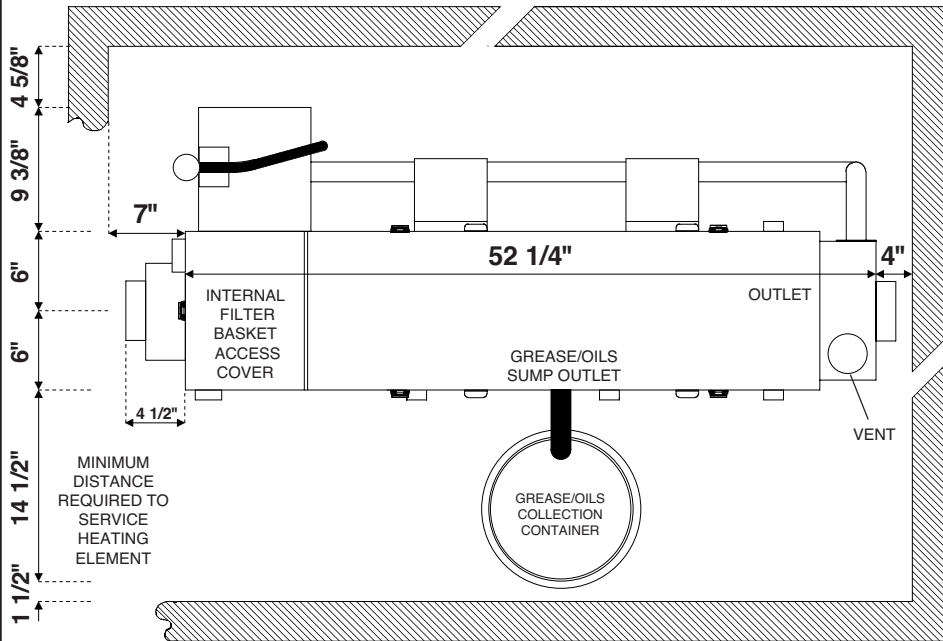
Materials: _____ 16 Gauge, 304 Stainless Steel, Bright Finish
 Electrical: _____ (2) Motor (2) Heaters, 208-240 VAC 60 Hz 3000 Watts (30 amps) total
 Maximum Inlet Flow Rate: _____ 75 GPM
 Number of Skimming Wheels: _____ 6
 Skimming Rate: _____ 138.6 Pounds Per Hour
 Grease Retention Capacity: _____ 218 Pounds
 Eductor Pump Operation Water Requirements: _____ 5 GPM



Automatic Solids Transfer System

W-750-AST Specifications

INSTALLATION INFORMATION



PLAN VIEW

DO . . .

READ instruction manual included with system before doing anything.

Install unit allowing for the minimum clearances shown.

Provide a minimum 5 GPM, 50 PSI water supply for solids pump operation.

Make sure the height above the Internal Strainer Access Cover is enough to remove the strainer.

Make piping connections with rubber "No Hub" connectors.

Keep outlet piping as straight as possible. Use only "sweep" connections.

Install vent on outlet piping.

Fill the tank with water before energizing the power to the motor and heater.

Set Programmable Time Controllers for proper operating times.

DON'T . . .

Install "P" trap on outlet connection of tank. (Note: the unit already has an internal gas trap).

Reduce pipe size on outlet piping.

Note:

Installations must comply with all applicable local, state, and national codes for your area.

Job Specification:

Grease and oil separator(s) shall be Thermaco **BIG DIPPER** automatic grease/oil recovery system with Automatic Solids Transfer as manufactured by Thermaco, Inc., Asheboro, North Carolina as noted on plans.

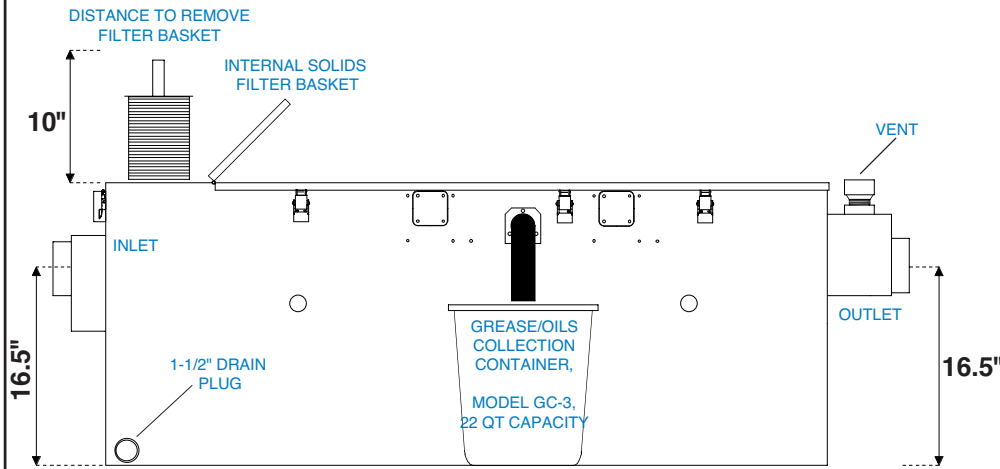
Separator Specifications:

Furnish and install ___ Thermaco **BIG DIPPER** Model No. W-750-AST, bright finish type 304 stainless steel automatic self-cleaning grease and oil recovery separator(s) for floor mounted, partially recessed, or below floor installation, rated at 75 gallons per minute peak flow, 218 pounds of grease capacity and including as an integral part of the unit, 6 rotating gear hydrophobic wheel assemblies for automatic grease/oil removal, an integral flow control device, self-regulating enclosed electric immersion heater, a vessel vent, an integral gas trap, an integral programmable 24 hour multi-event time control, a field reversible grease/oil sump outlet pipe, quick release stainless steel lid clamps, a gasketed and fully removable 304 stainless steel lid with safety switch, a hinged lift out strainer access, one internal stainless steel filter basket for separation of coarse solids, an eductor transfer pump controlled by repeat cycle timer, and a separate grease and oils collection container. Eductor pump shall be supplied with a 0.5" male connector for attachment to facility-supplied water supply. Eductor pump shall be supplied with an integral atmospheric vacuum breaker. Electric assembly shall be tested to comply with pertinent sections of the Standards for Safety ANSI/UL 73 and/or ANSI/UL 1004. Skimmer electric motors shall be equipped with thermal overload protection with automatically resettable switch.

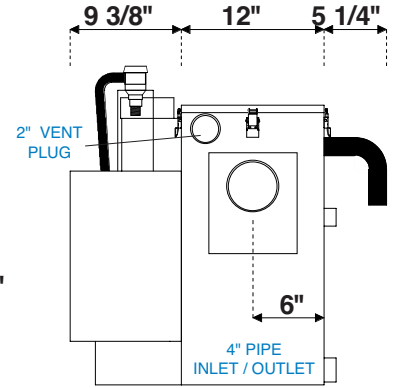


Automatic Solids Transfer System

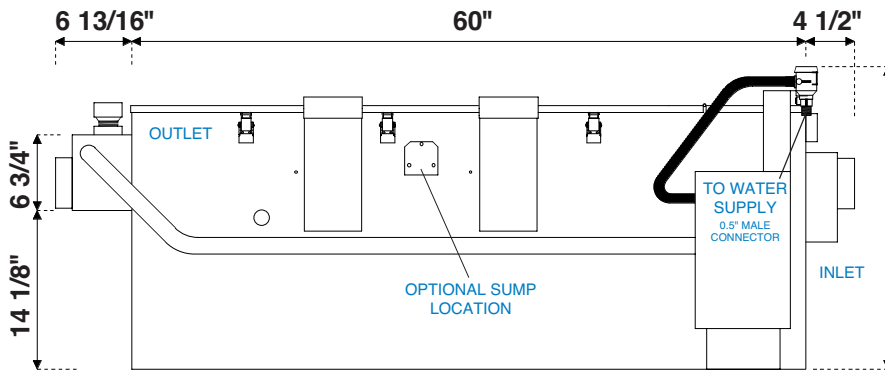
W-1000-AST Specifications



FRONT VIEW



INLET END



BACK VIEW

FEATURES

26 3/4" No strainers to empty manually. The Automatic Solids Transfer feature automatically pumps incidental solids around the system.

Fully automatic self-cleaning cycle. Removes collected grease/oils from tank without any operator assistance.

Constructed of corrosion resistant materials suitable for installation in virtually any location.

Comes complete with Grease Collection Container and 24 hour Time Control.

* Note: Not intended for use with solids larger than 1" (25 mm) in diameter. The FS-1 or ILS-1 solids strainers are recommended for use ahead of the AST system for sites with solids greater than 1".

TECHNICAL INFORMATION

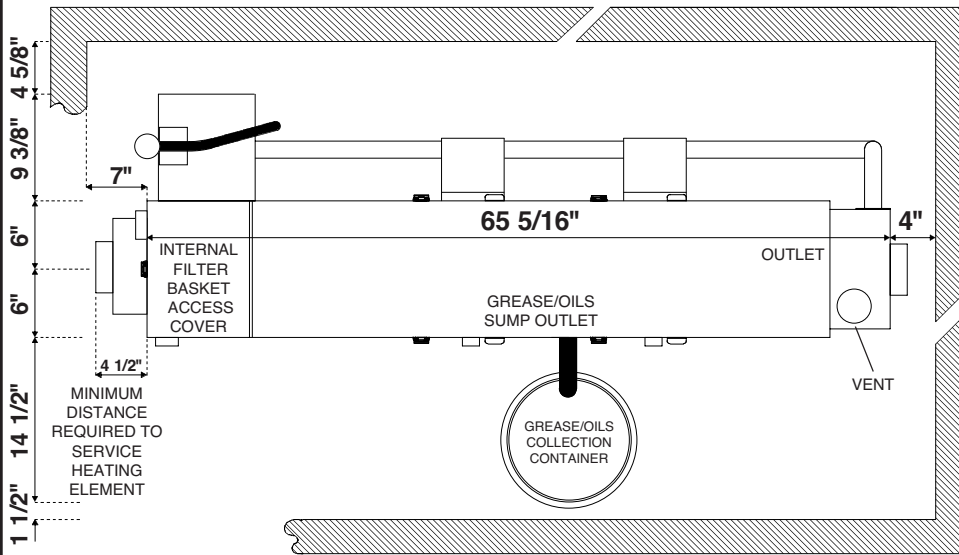
Materials: _____ 16 Gauge, 304 Stainless Steel, Bright Finish
 Electrical: _____ (2) Motors, 208-240VAC 60 Hz 120 Watts
 (2) Heaters, 208-240VAC 60 Hz 1 Ph 2880W. 3000W (30 amps) total
 Maximum Inlet Flow Rate: _____ 100 GPM
 Number of Skimming Wheels: _____ 6
 Skimming Rate: _____ 138.6 Pounds Per Hour
 Grease Retention Capacity: _____ 283 Pounds
 Eductor Pump Operation Water Requirements: _____ 5 GPM



Automatic Solids Transfer System

W-1000-AST Specifications

INSTALLATION INFORMATION



PLAN VIEW

DO . . .

READ instruction manual included with system before doing anything.

Install unit allowing for the minimum clearances shown.

Provide a minimum 5 GPM, 50 PSI water supply for solids pump operation.

Make sure the height above the Internal Strainer Access Cover is enough to remove the strainer.

Make piping connections with rubber "No Hub" connectors.

Keep outlet piping as straight as possible. Use only "sweep" connections.

Install vent on outlet piping.

Fill the tank with water before energizing the power to the motor and heater.

Set Programmable Time Controllers for proper operating times.

DON'T . . .

Install "P" trap on outlet connection of tank. (Note: the unit already has an internal gas trap).

Reduce pipe size on outlet piping.

Note:

Installations must comply with all applicable local, state, and national codes for your area.

Job Specification:

Grease and oil separator(s) shall be Thermaco **BIG DIPPER** automatic grease/oil recovery system with Automatic Solids Transfer as manufactured by Thermaco, Inc., Asheboro, North Carolina as noted on plans.

Separator Specifications:

Furnish and install ___ Thermaco **BIG DIPPER** Model No. W-1000-AST, bright finish type 304 stainless steel automatic self-cleaning grease and oil recovery separator(s) for floor mounted, partially recessed, or below floor installation, rated at 100 gallons per minute peak flow, 272 pounds of grease capacity and including as an integral part of the unit, 6 rotating gear hydrophobic wheel assemblies for automatic grease/oil removal, an integral flow control device, self-regulating enclosed electric immersion heater, a vessel vent, an integral gas trap, an integral programmable 24 hour multi-event time control, a field reversible grease/oil sump outlet pipe, quick release stainless steel lid clamps, a gasketed and fully removable 304 stainless steel lid with safety switch, a hinged lift out strainer access, one internal stainless steel filter basket for separation of coarse solids, an eductor transfer pump controlled by repeat cycle timer, and a separate grease and oils collection container. Eductor pump shall be supplied with a 0.5" male connector for attachment to facility-supplied water supply. Eductor pump shall be supplied with an integral atmospheric vacuum breaker. Electric assembly shall be tested to comply with pertinent sections of the Standards for Safety ANSI/UL 73 and/or ANSI/UL 1004. Skimmer electric motors shall be equipped with thermal overload protection with automatically resettable switch.