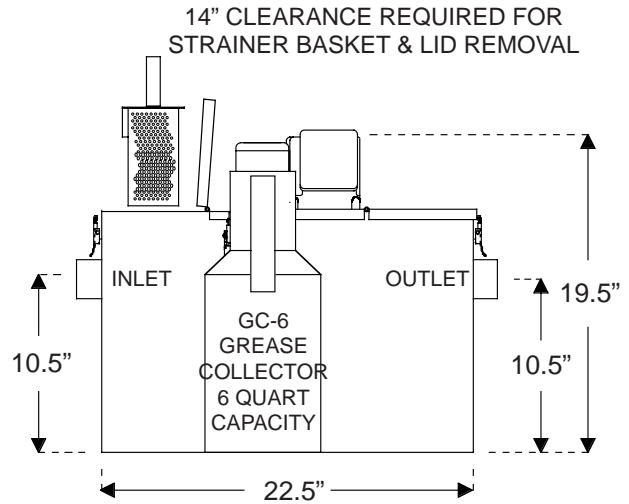
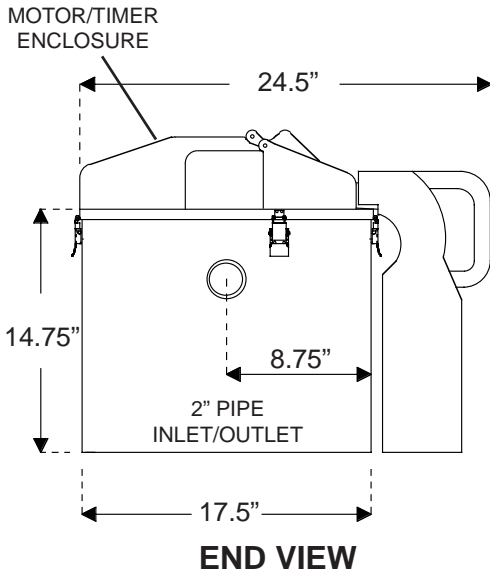


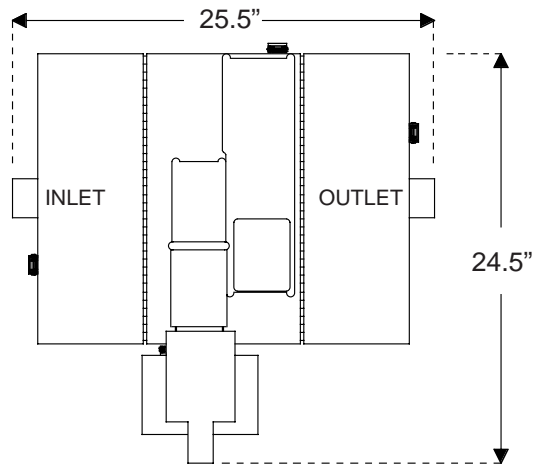


**Big Dipper® Point Source Automatic Grease Removal Systems**

**W-200-IS Specifications**



**SIDE VIEW**



**TOP VIEW**

**FEATURES:**

- Fully automatic self cleaning cycle. Removes collected grease & oils from tank without any operator assistance. Comes complete with 24-hour timer.
- Constructed of corrosion resistant materials suitable for installation in virtually any location. Attractive sanitary Stainless Steel exterior.
- Integrated Motor/Grease Outlet/Heater/Lid enables a fast, do-it-yourself unit operation reversal.
- Easy lift grease collector simplifies grease collection container emptying.
- Compact footprint.

**TECHNICAL DATA**

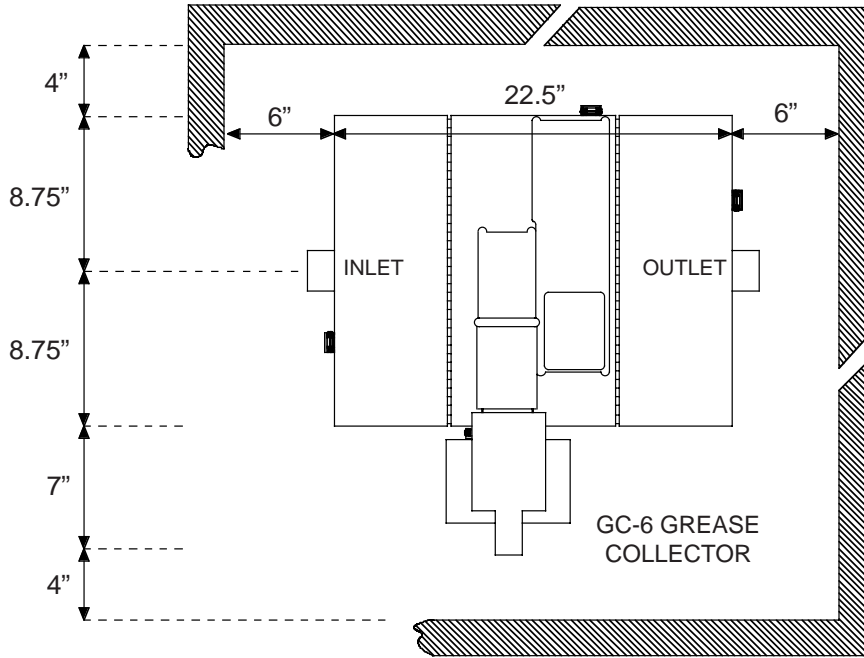
Materials: _____	Exterior: 304 Stainless Steel, Bright Finish
	Interior: Rotationally Molded Polyethylene
Electrical: _____	115 VAC, 60 Hz, 350 Watts (3 Amps)
Maximum Inlet Flow Rate: _____	20 GPM
Number of Skimming Wheels: _____	1
Skimming Rate: _____	35 Pounds Per Hour
Grease Retention Capacity: _____	40+ Pounds
Internal Solids Strainer Capacity: _____	1.16 Gallons



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**INSTALLATION INFORMATION**

**Suggested Minimum Footprint Dimensions**



**DO . . .**

Allow a minimum of 14" clearance for removal of unit lid.

READ instruction manual included with system before doing anything.

Install unit allowing for the minimum clearances shown.

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 Controller 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 oils separator(s) shall be Thermaco **Big Dipper** automatic grease/oil recovery system(s) as manufactured by Thermaco, Inc., Asheboro, North Carolina as noted on plans.

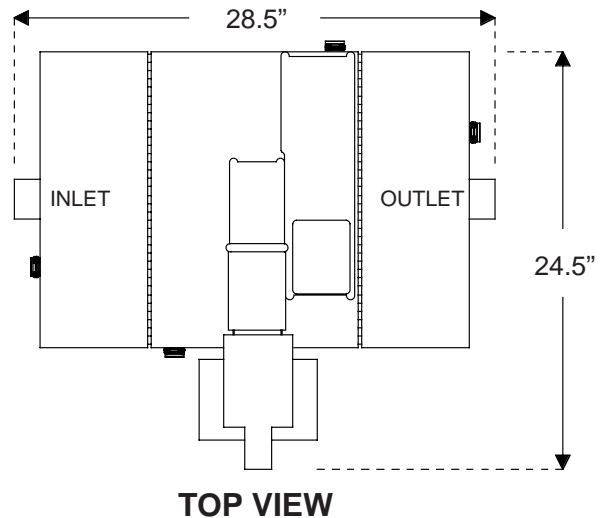
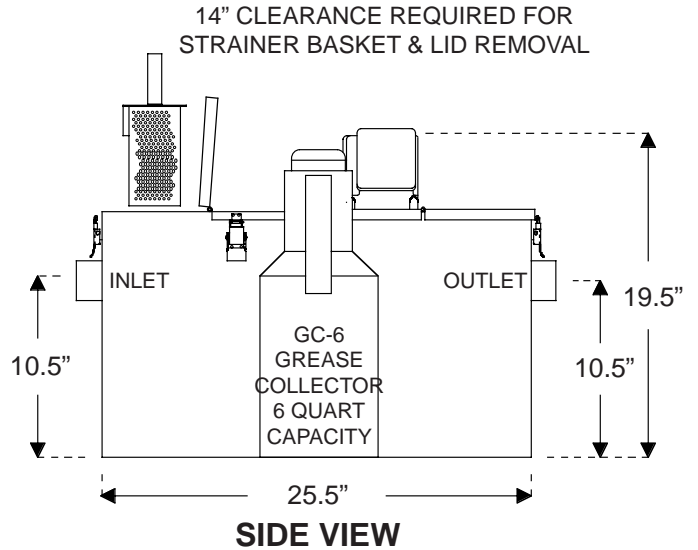
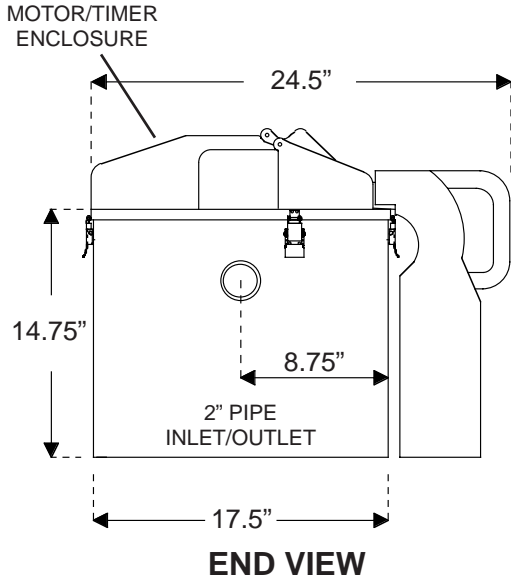
**Separator Specifications:**

Furnish and install \_\_\_ Thermaco **Big Dipper** Model No. W-200-IS, bright finish type 304 stainless steel exterior, rotationally molded polyethylene interior automatic self-cleaning grease and oil recovery separator(s) for floor mounted or partially recessed installation, rated at 20 gallons per minute peak flow, 40 pounds of grease capacity and including as an integral part of the unit, 1 rotating gear hydrophobic wheel assembly 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 motor location, a field reversible grease/oil sump outlet, quick release stainless steel lid clamps, a gasketed and fully removable 304 stainless steel lid, a hinged lift-out strainer basket access, an internal stainless steel strainer basket for collection of coarse solids, and a separate grease and oils collection container. Electric assembly shall be tested to comply with pertinent sections of the Standards for Safety ANSI/UL 73 and/or ANSI/UL 1004. Electric motor shall be equipped with thermal overload protection with automatically resettable switch.



**Big Dipper® Point Source Automatic Grease Removal Systems**

**W-250-IS Specifications**



**FEATURES:**

- Fully automatic self cleaning cycle. Removes collected grease & oils from tank without any operator assistance. Comes complete with 24-hour timer.
- Constructed of corrosion resistant materials suitable for installation in virtually any location. Attractive sanitary Stainless Steel exterior.
- Integrated Motor/Grease Outlet/Heater/Lid enables a fast, do-it-yourself unit operation reversal.
- Easy lift grease collector simplifies grease collection container emptying.
- Compact footprint.

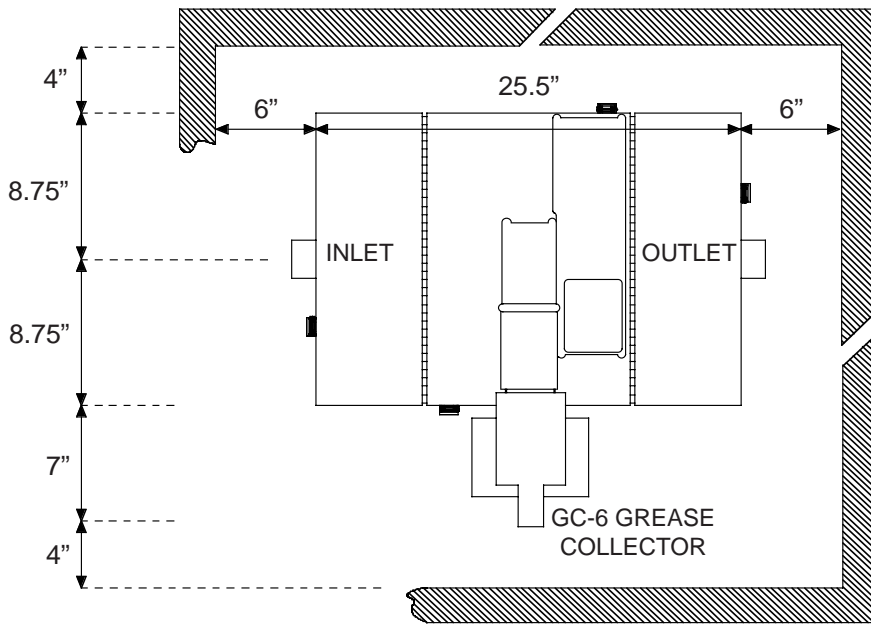
**TECHNICAL DATA**

Materials: _____	Exterior: 304 Stainless Steel, Bright Finish
	Interior: Rotationally Molded Polyethylene
Electrical: _____	115 VAC, 60 Hz, 350 Watts (3 Amps)
Maximum Inlet Flow Rate: _____	25 GPM
Number of Skimming Wheels: _____	1
Skimming Rate: _____	35 Pounds Per Hour
Grease Retention Capacity: _____	50+ Pounds
Internal Solids Strainer Capacity: _____	1.16 Gallons

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**INSTALLATION INFORMATION**

**Suggested Minimum Footprint Dimensions**



**DO . . .**

Allow a minimum of 14" clearance for removal of unit lid.

READ instruction manual included with system before doing anything.

Install unit allowing for the minimum clearances shown.

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 Controller 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 oils separator(s) shall be Thermaco **Big Dipper** automatic grease/oil recovery system(s) as manufactured by Thermaco, Inc., Asheboro, North Carolina as noted on plans.

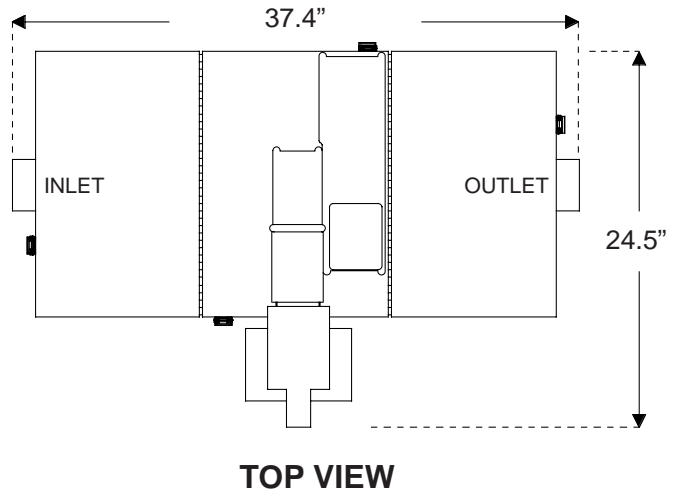
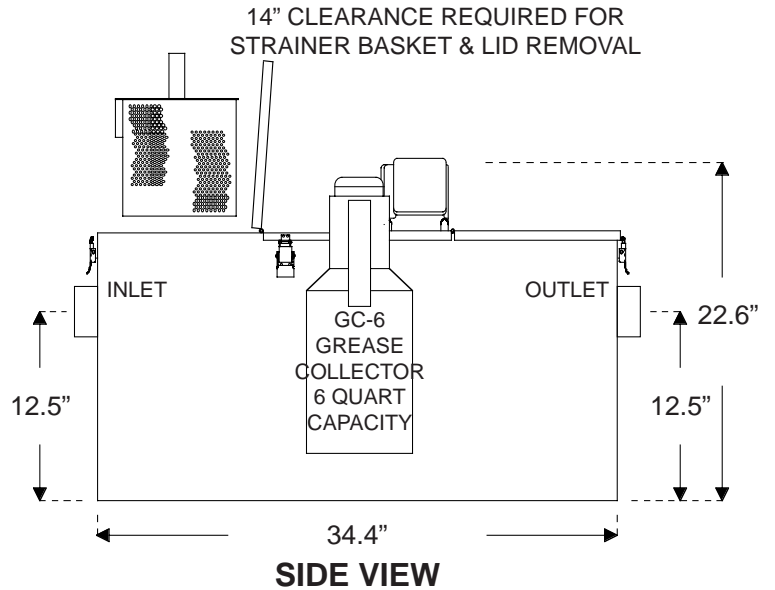
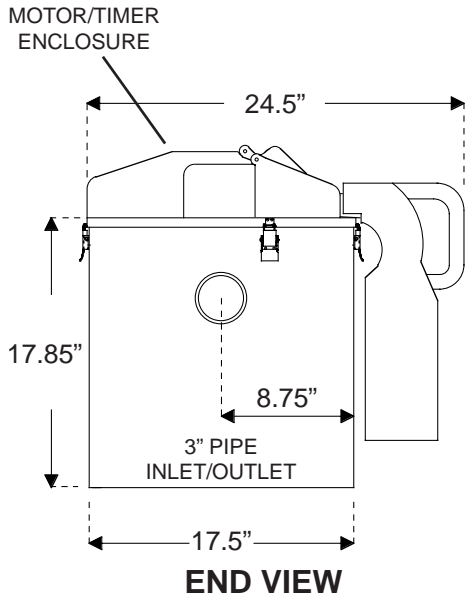
**Separator Specifications:**

Furnish and install \_\_\_ Thermaco **Big Dipper** Model No. W-250-IS, bright finish type 304 stainless steel exterior, rotationally molded polyethylene interior automatic self-cleaning grease and oil recovery separator(s) for floor mounted or partially recessed installation, rated at 25 gallons per minute peak flow, 50 pounds of grease capacity and including as an integral part of the unit, 1 rotating gear hydrophobic wheel assembly 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 motor location, a field reversible grease/oil sump outlet, quick release stainless steel lid clamps, a gasketed and fully removable 304 stainless steel lid, a hinged lift-out strainer basket access, an internal stainless steel strainer basket for collection of coarse solids, and a separate grease and oils collection container. Electric assembly shall be tested to comply with pertinent sections of the Standards for Safety ANSI/UL 73 and/or ANSI/UL 1004. Electric motor shall be equipped with thermal overload protection with automatically resettable switch.



**Big Dipper® Point Source Automatic Grease Removal Systems**

**W-350-IS Specifications**



**FEATURES:**

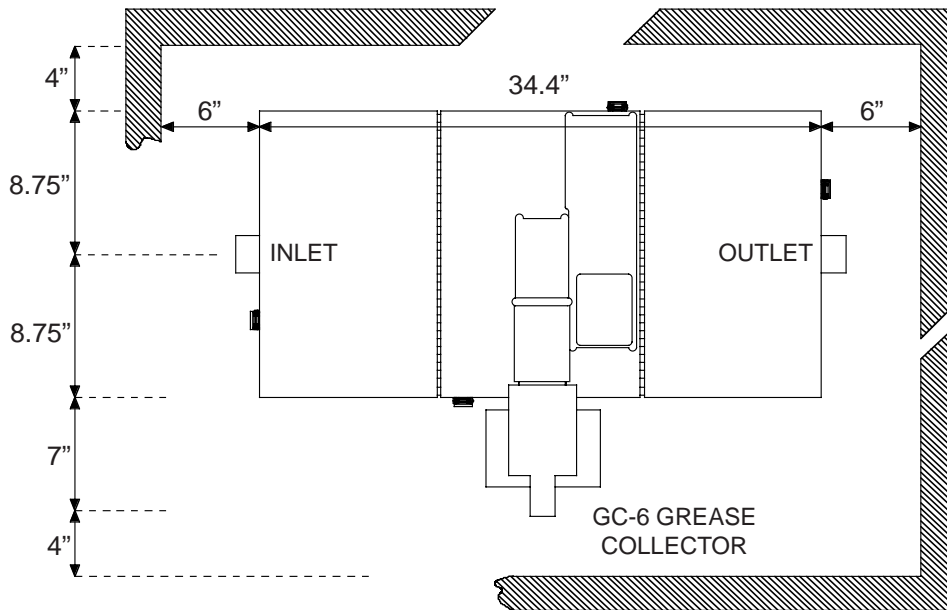
- Fully automatic self cleaning cycle. Removes collected grease & oils from tank without any operator assistance. Comes complete with 24-hour timer.
- Constructed of corrosion resistant materials suitable for installation in virtually any location. Attractive sanitary Stainless Steel exterior.
- Integrated Motor/Grease Outlet/Heater/Lid enables a fast, do-it-yourself unit operation reversal.
- Easy lift grease collector simplifies grease collection container emptying.
- Compact footprint.

**TECHNICAL DATA**

Materials: _____	Exterior: 304 Stainless Steel, Bright Finish
	Interior: Rotationally Molded Polyethylene
Electrical: _____	115 VAC, 60 Hz, 350 Watts (3 Amps)
Maximum Inlet Flow Rate: _____	35 GPM
Number of Skimming Wheels: _____	1
Skimming Rate: _____	35 Pounds Per Hour
Grease Retention Capacity: _____	70+ Pounds
Internal Solids Strainer Capacity: _____	2.5 Gallons

**INSTALLATION INFORMATION**

**Suggested Minimum Footprint Dimensions**



**DO . . .**

Allow a minimum of 14" clearance for removal of unit lid.

READ instruction manual included with system before doing anything.

Install unit allowing for the minimum clearances shown.

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 Controller 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 oils separator(s) shall be Thermaco **Big Dipper** automatic grease/oil recovery system(s) as manufactured by Thermaco, Inc., Asheboro, North Carolina as noted on plans.

**Separator Specifications:**

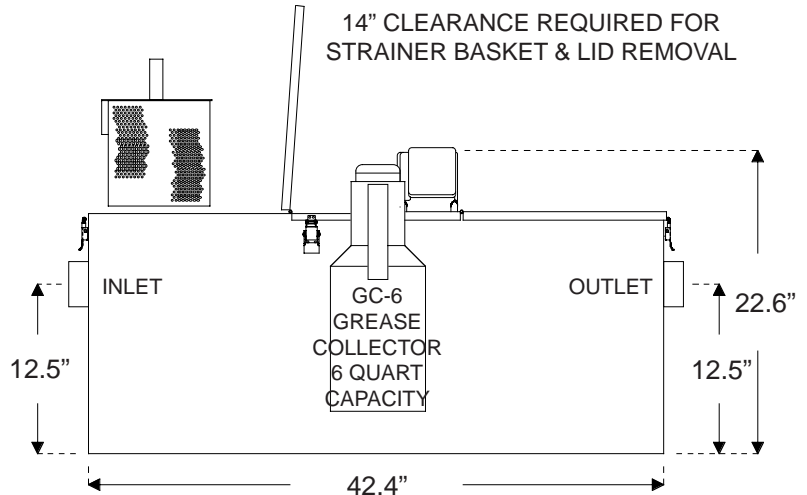
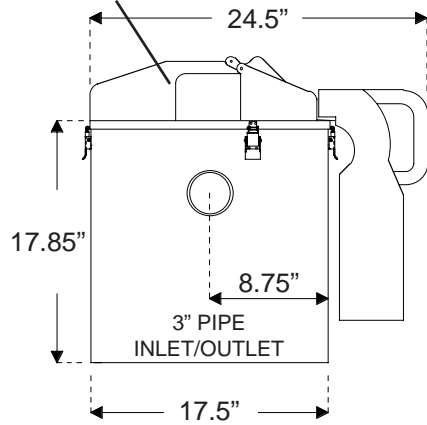
Furnish and install \_\_\_ Thermaco **Big Dipper** Model No. W-350-IS, bright finish type 304 stainless steel exterior, rotationally molded polyethylene interior automatic self-cleaning grease and oil recovery separator(s) for floor mounted or partially recessed installation, rated at 35 gallons per minute peak flow, 70 pounds of grease capacity and including as an integral part of the unit, 1 rotating gear hydrophobic wheel assembly 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 motor location, a field reversible grease/oil sump outlet, quick release stainless steel lid clamps, a gasketed and fully removable 304 stainless steel lid, a hinged lift-out strainer basket access, an internal stainless steel strainer basket for collection of coarse solids, and a separate grease and oils collection container. Electric assembly shall be tested to comply with pertinent sections of the Standards for Safety ANSI/UL 73 and/or ANSI/UL 1004. Electric motor shall be equipped with thermal overload protection with automatically resettable switch.



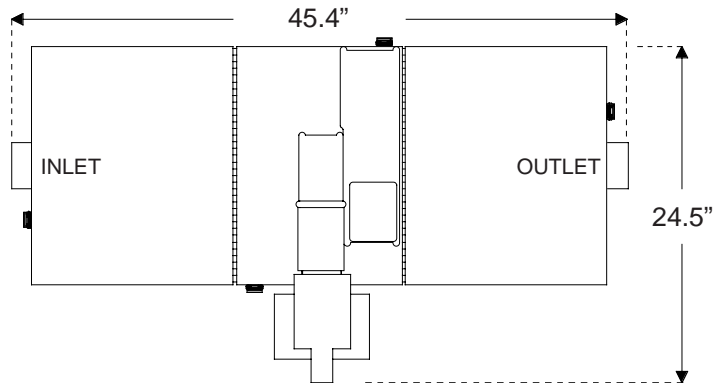
**Big Dipper® Point Source Automatic Grease Removal Systems**

**W-500-IS Specifications**

MOTOR/TIMER ENCLOSURE



**SIDE VIEW**



**TOP VIEW**

**FEATURES: END VIEW**

- Fully automatic self cleaning cycle. Removes collected grease & oils from tank without any operator assistance. Comes complete with 24-hour timer.
- Constructed of corrosion resistant materials suitable for installation in virtually any location. Attractive sanitary Stainless Steel exterior.
- Integrated Motor/Grease Outlet/Heater/Lid enables a fast, do-it-yourself unit operation reversal.
- Easy lift grease collector simplifies grease collection container emptying.
- Compact footprint.

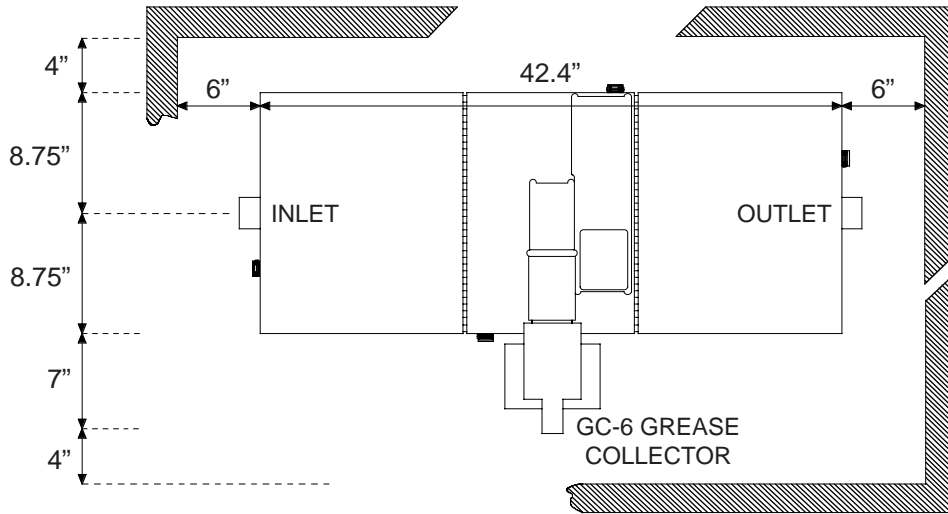
**TECHNICAL DATA**

Materials: _____	Exterior: 304 Stainless Steel, Bright Finish
	Interior: Rotationally Molded Polyethylene
Electrical: _____	115 VAC, 60 Hz, 350 Watts (3 Amps)
Maximum Inlet Flow Rate: _____	50 GPM
Number of Skimming Wheels: _____	1
Skimming Rate: _____	35 Pounds Per Hour
Grease Retention Capacity: _____	100+ Pounds
Internal Solids Strainer Capacity: _____	2.5 Gallons

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**INSTALLATION INFORMATION**

**Suggested Minimum Footprint Dimensions**



**DO . . .**

Allow a minimum of 14" clearance for removal of unit lid.

READ instruction manual included with system before doing anything.

Install unit allowing for the minimum clearances shown.

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 Controller 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 oils separator(s) shall be Thermaco **Big Dipper** automatic grease/oil recovery system(s) as manufactured by Thermaco, Inc., Asheboro, North Carolina as noted on plans.

**Separator Specifications:**

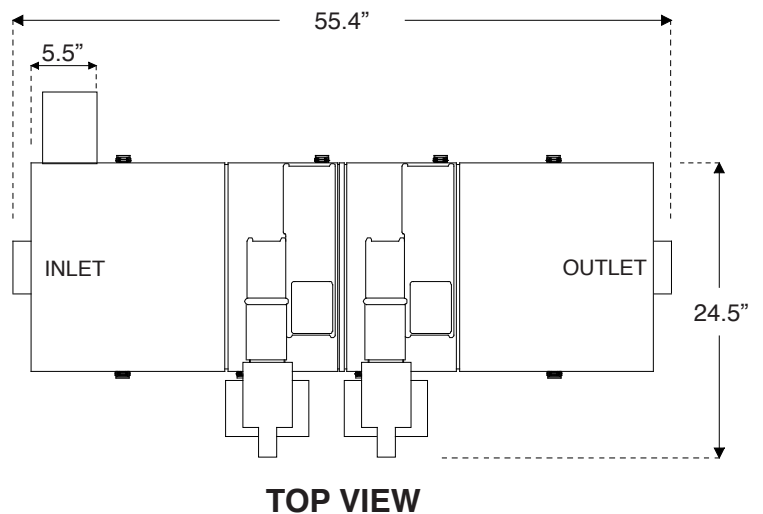
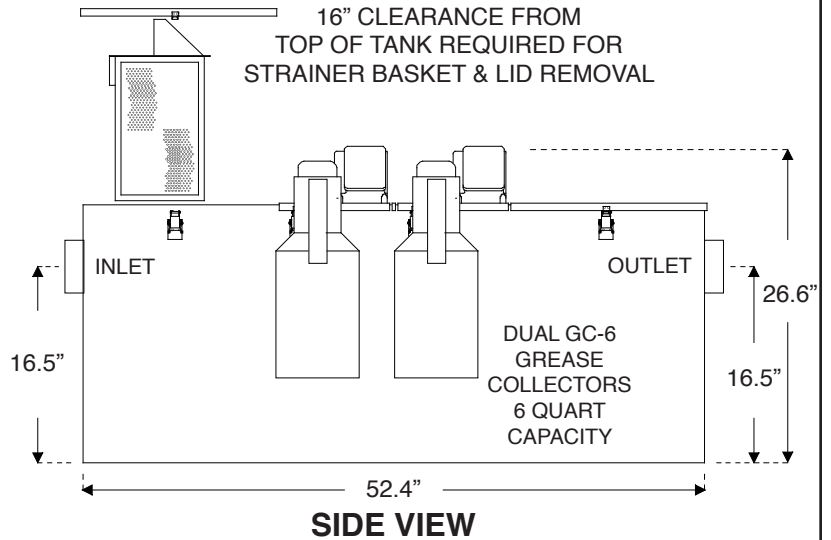
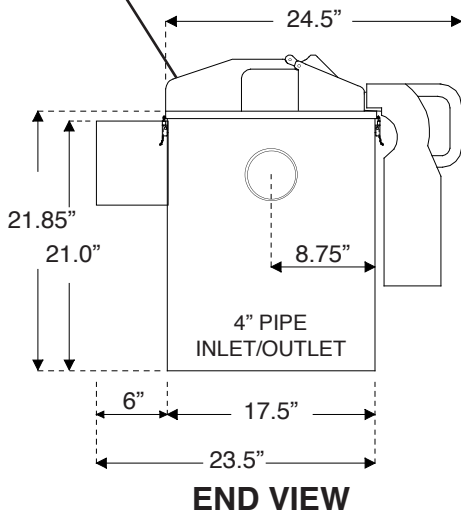
Furnish and install \_\_\_ Thermaco **Big Dipper** Model No. W-500-IS, bright finish type 304 stainless steel exterior, rotationally molded polyethylene interior automatic self-cleaning grease and oil recovery separator(s) for floor mounted or partially recessed installation, rated at 50 gallons per minute peak flow, 100 pounds of grease capacity and including as an integral part of the unit, 1 rotating gear hydrophobic wheel assembly 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 motor location, a field reversible grease/oil sump outlet, quick release stainless steel lid clamps, a gasketed and fully removable 304 stainless steel lid, a hinged lift-out strainer basket access, an internal stainless steel strainer basket for collection of coarse solids, and a separate grease and oils collection container. Electric assembly shall be tested to comply with pertinent sections of the Standards for Safety ANSI/UL 73 and/or ANSI/UL 1004. Electric motor shall be equipped with thermal overload protection with automatically resettable switch.



# Big Dipper® IS Central Automatic Grease Removal Systems

## W-1250-IS Specifications

MOTOR/TIMER ENCLOSURE



### FEATURES:

- Fully automatic self cleaning cycle. Removes collected grease & oils from tank without any operator assistance. Comes complete with two 24-hour timers.
- Constructed of corrosion resistant materials suitable for installation in virtually any location. Attractive sanitary Stainless Steel exterior.
- Integrated Motor/Grease Outlet/Heater/Lids enables fast, do-it-yourself unit operation reversal.
- Easy lift grease collectors simplify grease collection container emptying.
- Compact footprint.

### TECHNICAL DATA

Materials: _____	Exterior: 304 Stainless Steel, Bright Finish
	Interior: Rotationally Molded Polyethylene
Electrical: _____	115 VAC, 60 Hz, 1040 Watts (9.0 Amps)
Maximum Inlet Flow Rate: _____	125 GPM
Number of Skimming Wheels: _____	2
Skimming Rate: _____	40 Pounds Per Hour
Grease Retention Capacity: _____	300+ Pounds
Internal Solids Strainer Capacity: _____	3.70 Gallons



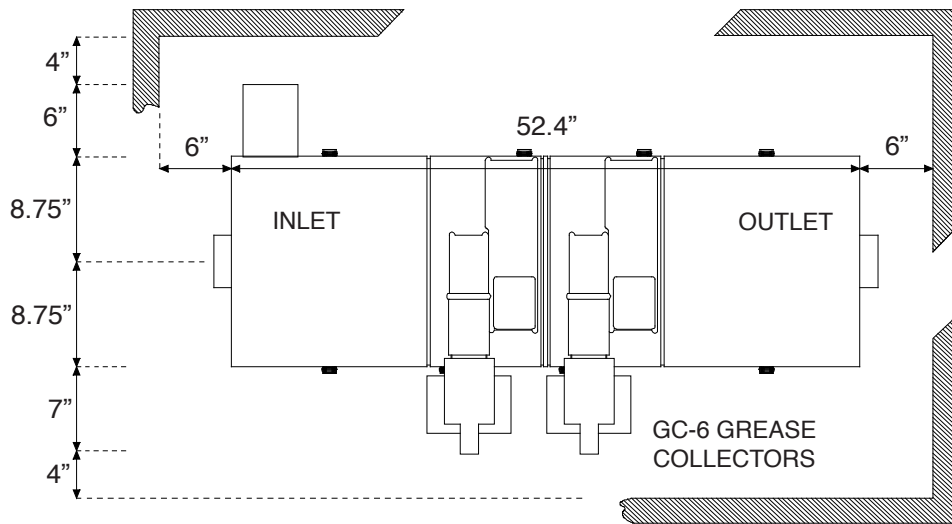


## Big Dipper® IS Central Automatic Grease Removal Systems

### W-1250-IS Specifications

## INSTALLATION INFORMATION

### Suggested Minimum Footprint Dimensions



#### DO . . .

Allow a minimum of 14" clearance from top of tank for removal of unit lid.

READ instruction manual included with system before doing anything.

Install unit allowing for the minimum clearances shown.

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 Controller 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 oils separator(s) shall be Thermaco **Big Dipper** automatic grease/oil recovery system(s) as manufactured by Thermaco, Inc., Asheboro, North Carolina as noted on plans.

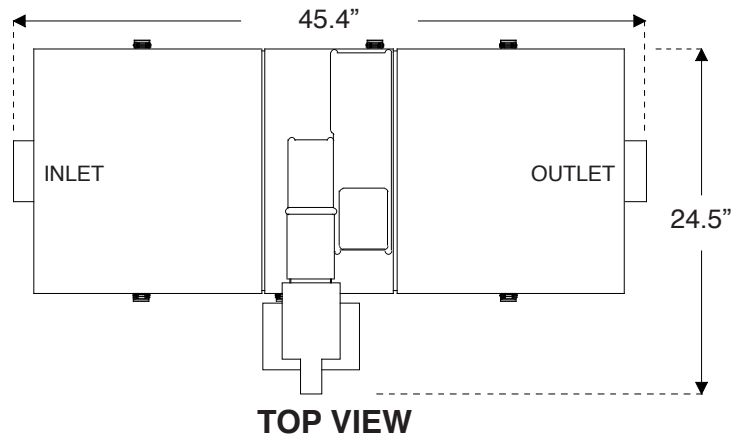
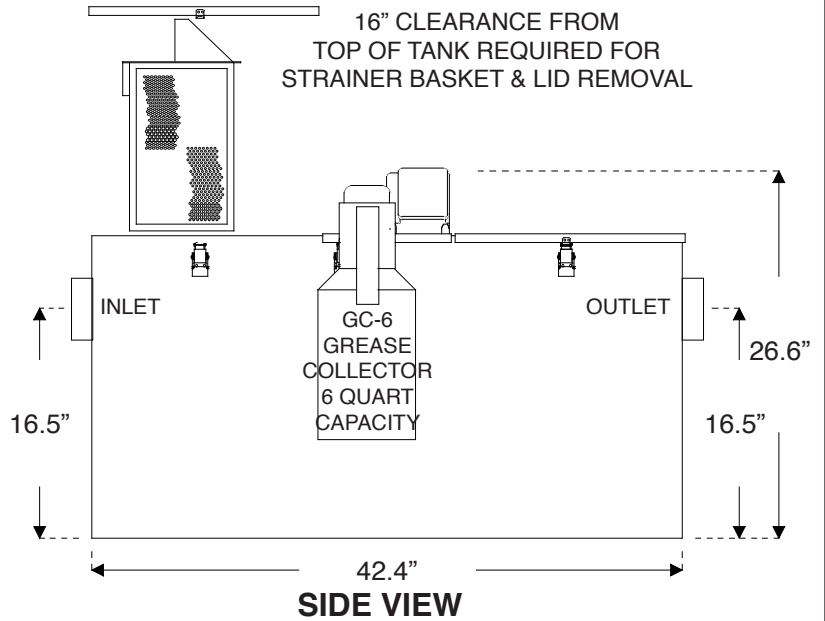
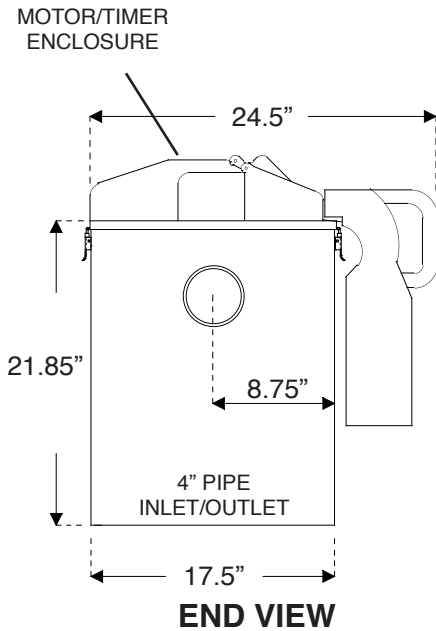
### Separator Specifications:

Furnish and install \_\_\_ Thermaco **Big Dipper** Model No. W-1250-IS, bright finish type 304 stainless steel exterior, rotationally molded polyethylene interior automatic self-cleaning grease and oil recovery separator(s) for floor mounted or partially recessed installation, rated at 125 gallons per minute peak flow, 300 pounds of grease capacity and including as an integral part of the unit, two rotating gear hydrophobic wheel assemblies for automatic grease/oil removal, an integral flow control device, two self-regulating enclosed electric immersion heaters, a vessel vent, an integral gas trap, two integral programmable 24-hour multi-event time controls, field reversible motor locations, field reversible grease/oil sump outlets, quick release stainless steel lid clamps, a gasketed and fully removable 304 stainless steel lid, lift-out strainer basket access, an internal stainless steel strainer basket for collection of coarse solids, and two separate grease and oils collection containers. Electric assembly shall be tested to comply with pertinent sections of the Standards for Safety ANSI/UL 73 and/or ANSI/UL 1004. Each electric motor shall be equipped with thermal overload protection with automatically resettable switch.



# Big Dipper® IS Central Automatic Grease Removal Systems

## W-750-IS Specifications



### FEATURES:

- Fully automatic self cleaning cycle. Removes collected grease & oils from tank without any operator assistance. Comes complete with 24-hour timer.
- Constructed of corrosion resistant materials suitable for installation in virtually any location. Attractive sanitary Stainless Steel exterior.
- Integrated Motor/Grease Outlet/Heater/Lid enables a fast, do-it-yourself unit operation reversal.
- Easy lift grease collector simplifies grease collection container emptying.
- Compact footprint.

### TECHNICAL DATA

Materials: \_\_\_\_\_ Exterior: 304 Stainless Steel, Bright Finish  
 Interior: Rotationally Molded Polyethylene

Electrical: \_\_\_\_\_ 115 VAC, 60 Hz, 520 Watts (4.5 Amps)

Maximum Inlet Flow Rate: \_\_\_\_\_ 75 GPM

Number of Skimming Wheels: \_\_\_\_\_ 1

Skimming Rate: \_\_\_\_\_ 20 Pounds Per Hour

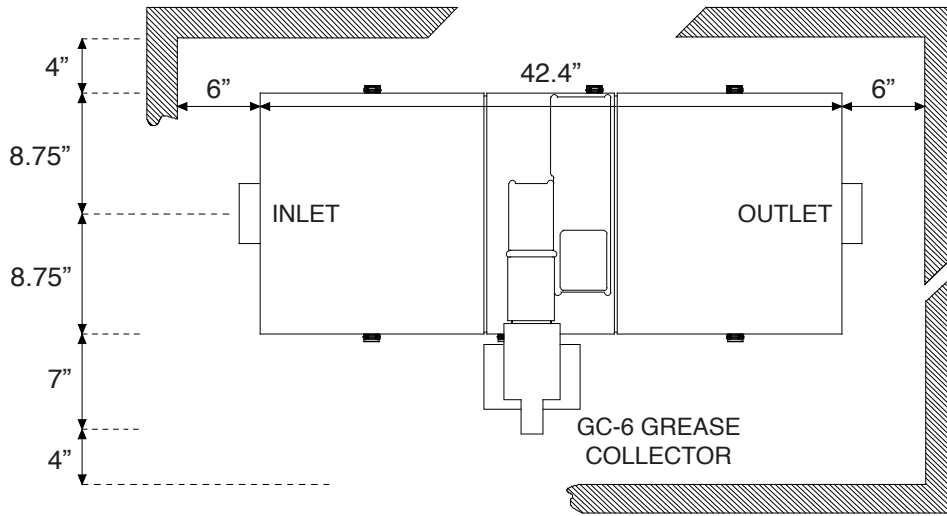
Grease Retention Capacity: \_\_\_\_\_ 150+ Pounds

Internal Solids Strainer Capacity: \_\_\_\_\_ 3.70 Gallons



**INSTALLATION INFORMATION**

**Suggested Minimum Footprint Dimensions**



**DO . . .**

Allow a minimum of 14" clearance from top of tank for removal of unit lid.

READ instruction manual included with system before doing anything.

Install unit allowing for the minimum clearances shown.

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 Controller 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 oils separator(s) shall be Thermaco **Big Dipper** automatic grease/oil recovery system(s) as manufactured by Thermaco, Inc., Asheboro, North Carolina as noted on plans.

**Separator Specifications:**

Furnish and install \_\_\_ Thermaco **Big Dipper** Model No. W-750-IS, bright finish type 304 stainless steel exterior, rotationally molded polyethylene interior automatic self-cleaning grease and oil recovery separator(s) for floor mounted or partially recessed installation, rated at 75 gallons per minute peak flow, 150 pounds of grease capacity and including as an integral part of the unit, 1 rotating gear hydrophobic wheel assembly 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 motor location, a field reversible grease/oil sump outlet, quick release stainless steel lid clamps, a gasketed and fully removable 304 stainless steel lid, lift-out strainer basket access, an internal stainless steel strainer basket for collection of coarse solids, and a separate grease and oils collection container. Electric assembly shall be tested to comply with pertinent sections of the Standards for Safety ANSI/UL 73 and/or ANSI/UL 1004. Electric motor shall be equipped with thermal overload protection with automatically resettable switch.