FEATURES:

- Fully automatic self cleaning cycle. Removes collected grease, oils and solids from unit without any operator assistance. Comes complete with Digital Control and Grease Collector.
- 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, 50/60 Hz, 535 Watts (4.6 Amps)*

Maximum Inlet Flow Rate: _______________ 75 GPM (4.73 l/s)

Number of Skimming Wheels: _______________ 1

Skimming Rate: ________________________ 20 Pounds (9.08 Kg) Per Hour

Grease Retention Capacity:_______________ 150+ Pounds (68 Kg)

Eductor Pump Operation Requirements: ______________________ 50 PSI min., 12 GPM
(3.45 Bar min., 0.75 l/s)

*For Additional Electrical Configurations, see Electrical Variations section on page 2.
**INSTALLATION INFORMATION**

**Suggested Minimum Footprint Dimensions**

![Diagram of Suggested Minimum Footprint Dimensions]

**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-AST, 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 (4.73 l/s) peak flow, 150 pounds (68 Kg) 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, a digital control for programmable operation, 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 filter basket access, 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" (13 mm) female connector for attachment to facility-supplied water supply. Eductor pump shall be supplied with an approved 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. Electric motor equipped with overload protection.

**Electrical Variations:**

<table>
<thead>
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<th>Model</th>
<th>Voltage</th>
<th>Watts</th>
<th>Amps</th>
</tr>
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<tbody>
<tr>
<td>W-750-AST</td>
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<td>535</td>
<td>4.6</td>
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<tr>
<td>W-750-AST-E</td>
<td>230 V</td>
<td>535</td>
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