LIL-35-99 - 35 GPM HDPE GREASE INT. / 83.12LB GREASE CAP

LIL-SP/-OF - LIL MAX HDPE SAMPLING PORT 10.25" HEIGHT

HIGH LEVEL ALARM OPTION, SUFFIX -HLA

TLA-500 - TANK LEVEL ALARM WITH RED LIGHT; 85DB @ 10' WITH 6' 120v AC OWER CORD
LIL-35-99(35gpm) PERFORMANCE REQUIREMENT RATING

**GREASE TRAP SCOPE OF WORK**

CONNECT NEW FIXTURES AND NEW GREASE LINES TO

1. MODEL "LIL-35-99" 35 GPM POLYETHYLENE WASTEWATER SAMPLING PORT.
2. (2) LILMAX SERIES, EACH 44 GALLON LIQUID STORAGE CAPACITY POLYETHYLENE GREASE INTERCEPTOR
3. TO COMPLY FOG 2.0 RER-DERM REQUIREMENTS

**NOTE:**

SAMPLING PORT SHALL BE ACCESSIBLE AT ALL TIMES WITHOUT HAVING TO REMOVE MERCHANDISE AND WITHOUT STANDING WATER ON GROUND SURFACE WITH A MINIMUM 36 INCHES HORIZONTAL CLEARANCE FROM ANY WALL, FIXED EQUIPMENT OR STORED MATERIALS AND A MINIMUM 48 INCHES VERTICAL CLEARANCE FROM ANY FIXED EQUIPMENT OR STORED MATERIALS. GREASE INTERCEPTOR SHALL BE ACCESSIBLE AT ALL TIMES SO AS TO ALLOW FOR MAINTENANCE AND CLEANING WITHOUT IMPEDMENTS.

**NOTE:**

ALL GREASE TRAPS AND SOLID INTERCEPTORS CAN BE CLEANED AT ANY TIME.

0. AREA FOR INTERCEPTORS ONLY

3. NO CARS CAN PARK ON TOP OF THEM

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**FOG 2.0 RER-DERM Hydromechanical FOG Control Device (H-FCD)**

**Required Information**

<table>
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<th>Capacity (gpm)</th>
<th>Test No. 1</th>
<th>Test No. 2</th>
<th>Test No. 3</th>
<th>Test No. 4</th>
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<td>7.00</td>
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**MICHAEL WHITESIDE**

PRESIDENT

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**FOG 2.0 RER-DERM FOG Control Device (FCD) Installation Inspection**

NOTE:

ADDITIONAL REQUIREMENTS:

1. ALL CREATURES TRAPS AND SOLID INTERCEPTORS CAN BE CLEANED AT ANY TIME.

2. AREA FOR INTERCEPTORS ONLY

3. NO CARS CAN PARK ON TOP OF THEM
Typical commercial installation. This figure will serve as a guide to practical application of grease interceptors.

**Lil Max Grease Interceptor**

Installation Per:
- P.D.I. Standard PDI-G101
- A.S.M.E. A112.14.3 Type A and B.

**INSTALLATION CONSIDERATIONS**
- Install interceptor as close as practical to fixture or fixtures being served.
- The interceptor may be set on the floor, partially recessed in the floor, with the top flush to 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 where long runs of pipe (exceeding 25 feet) are necessary to reach interceptor.
- Do not install grease interceptor in waste line from garbage grinder.

**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 the 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.

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

**SYSTEM SPECIFICATIONS**
- Inlet: 2" N.H.D. Port
- Liquid capacity: 55 gal.
- No. sink capacity: 1 to 2
- Temperature: For use in temperatures 70°F and below.
- Heads: No expansion valves are required.
- Notes:
  - Each grease interceptor is certified and listed by ARI, ARI/ASME and CSA/ASI grease interceptors.
  - Flow control to be listed and approved by ARI, ASME and CSA/ASI.
  - Grease interceptor is approved by ARI, ASME and CSA/ASI.
  - For flow control, PDI has both been listed and approved.
  - For pressure, PDI has been tested for pressure applications.
  - External flow control is not required as per UL requirements.
  - Panels allow full access to tank for proper maintenance.
  - Tank system per UL1460.
  - Panels serve as complete tank enclosure through doorways and doorways.
  - For high temperature applications, exterior panels are possible to grease production fixtures.

**Options:**
- High level alarm monitoring system.