This drawing is submitted for spatial consideration only. Do not pre-plumb to these dimensions.

**NOTES:**
1. INLET is 3" PIPE (125# ANSI FLANGED).
2. OUTLET is 2-1/2" PIPE (GROOVED).
3. PURGE OUTLET is 3/4" PIPE.
4. MAXIMUM PRESSURE: 150 psi (10.3 bar).
5. MAXIMUM TEMPERATURE: 100ºF (37.8ºC).
6. SPECIFIED FLOWRATE of 145 gpm (33 m³/hr).
7. FINISH: AS ASSEMBLED.
8. POWER REQUIREMENT: 460V, 3PH, 60Hz.
9. NEMA 4X MOTOR STARTER ENCLOSURE WITH SAFETY DISCONNECT AND H.O.A. SWITCH.
10. APPROXIMATE DRY WEIGHT: 405 lbs (184 kg).
11. INLET/OUTLET VALVE KIT, MODEL TCV-0145 RECOMMENDED.
12. MINIMUM Pipe FROM TOWER BASIN TO TC SYSTEM is 4" Pipe.
13. FLOODED SUCTION REQUIRED.

**COMPONENT LIST:**
1. ELECTRICAL CONTROL BOX 460V 60Hz W/120V TRANSFORMER.
2. SEPARATOR: ILB-0250-TC.
3. PUMP: 5HP CENTRIFUGAL, 3500 rpm, 460V, 60Hz.
4. INLET/OUTLET PRESSURE GAUGES: 0-100 psi, GLYCERIN-FILLED.
5. PURGE EQUIPMENT: ABV-07-120V.
6. BASKET STRAINER.

**STANDARD NOTES:**
- UNLESS OTHERWISE SPECIFIED:
  - DIMENSIONS ARE IN: INCHES [mm]
  - DECIMALS .XXX
  - MATERIAL .XXXX

- TOLERANCES ARE:
  - FRACTIONS ± ±.XX
  - ±.005
  - ±.0005
  - ±.01
  - ±.01

**REV. DWG NO.**
- SHEET
- QTY. C
- SIZE
- APPROVALS

**ENGINEERED FOR:**
- TITLE
- DATE
- DWG NO.