NOTES:
1. INLET IS 3" PIPE (125# ANSI FLANGED).
2. OUTLET IS 2" PIPE (GROOVED).
3. PURGE OUTLET IS 3/4" PIPE.
4. MAXIMUM PRESSURE: 100 psi (6.9 bar).
5. MAXIMUM TEMPERATURE: 100°F (37.8°C).
6. SPECIFIED FLOWRATE OF 100 gpm (23 m³/h).
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: 685 lbs (310 kg).
11. INLET/OUTLET VALVE KIT, MODEL TCV-0100-PLUS RECOMMENDED.
12. MINIMUM PIPE FROM TOWER BASIN TO TP SYSTEM IS 3" PIPE.
13. FLOODED SUCTION REQUIRED.
14. MAXIMUM BASKET SIZE 80 sq ft.

COMPONENT LIST:
① ELECTRICAL CONTROL BOX 460V 60Hz W/120V TRANSFORMER.
② SEPARATOR: ILB-0200-TC.
③ PUMP: 5 HP CENTRIFUGAL, 3500 rpm, 460V, 60Hz.
④ PURGE EQUIPMENT: SRV-816.
⑤ INLET/OUTLET PRESSURE GAUGES: 0-100 psi, GLYCERIN-FILLED.
⑥ DIFFERENTIAL PRESSURE INDICATOR:
⑦ Hoses attached in field with quick disconnect couplings.
⑧ 316SS .35 MICRON FILTER @ 20 gpm (4.5 m³/hr).
⑨ BASKET STRAINER.

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

TOP VIEW

FRONT VIEW PUMP/STRAINER

SIDE VIEW W/O SRV

FRONT VIEW W/O STRAINER/SRV

DECEMBER 12, 2005