ENSUDE MATERIALS SPECIFIED IN WRITING, AND THE WORK OF THE CONTRACTOR SHALL BE IN ACCORDANCE WITH THE DRAWING AND SPECIFICATIONS. THIS DRAWING HAS BEEN GENERATED AND MAINTAINED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY AN APPROVED ENGINEERING CHANGE ORDER (ECO). PAPER COPIES ARE UNCONTROLLED.

COMPONENT LIST:

1. ELECTRICAL CONTROL BOX 208V/230V/460V, 60Hz W/120V TRANSFORMER.
2. SEPARATOR: eHTX-0080-V.
3. PUMP: 5 HP CENTRIFUGAL, 1750 rpm, 208V/230V/460V, 60Hz.
4. INLET/OUTLET PRESSURE GAUGES: 0-160 psi, GLYCERIN-FILLED.
5. PURGE EQUIPMENT: SRV-833.
6. STRAINER, SUCTION DIFFUSER.
7. INLET IS 4" PIPE (125# ANSI FLANGED).
8. OUTLET IS 2-1/2" PIPE (GROOVED).
9. PURGE OUTLET IS 3/4" PIPE (FNPT COUPLING).
10. MAXIMUM PRESSURE: 150 psi (10.3 bar).
11. MAXIMUM FLUID OPERATING TEMPERATURE: 100ºF (37.8ºC).
12. SPECIFIED FLOW RATES:
   - BASIN SWEEPING - 160 gpm (36 m³/hr).
   - SIDE STREAM AND CLOSED LOOP - 210 gpm (48 m³/hr).
13. FINISH: AS ASSEMBLED.
15. NEMA 4X MOTOR STARTER ENCLOSURE WITH SAFETY DISCONNECT AND H.O.A. SWITCH.
16. APPROXIMATE DRY WEIGHT: 855 lbs (388 kg).
17. INLET/OUTLET VALVE KIT RECOMMENDED: SEE FACTORY.
18. MINIMUM PIPE FROM TOWER BASIN TO TC SYSTEM IS 4" PIPE.
19. FLOODED SUCTION REQUIRED.

NOTES:

1. INLET IS 4" PIPE (125# ANSI FLANGED).
2. OUTLET IS 2-1/2" PIPE (GROOVED).
3. PURGE OUTLET IS 3/4" PIPE (FNPT COUPLING).
4. MAXIMUM PRESSURE: 150 psi (10.3 bar).
5. MAXIMUM FLUID OPERATING TEMPERATURE: 100ºF (37.8ºC).
6. SPECIFIED FLOW RATES:
   - BASIN SWEEPING - 160 gpm (36 m³/hr).
   - SIDE STREAM AND CLOSED LOOP - 210 gpm (48 m³/hr).
7. FINISH: AS ASSEMBLED.
8. POWER REQUIREMENT: 208V/230V/460V, 3PH, 60Hz. (CUSTOMER SPECIFIED)
9. NEMA 4X MOTOR STARTER ENCLOSURE WITH SAFETY DISCONNECT AND H.O.A. SWITCH.
10. APPROXIMATE DRY WEIGHT: 855 lbs (388 kg).
11. INLET/OUTLET VALVE KIT RECOMMENDED: SEE FACTORY.
12. MINIMUM PIPE FROM TOWER BASIN TO TC SYSTEM IS 4" PIPE.
13. FLOODED SUCTION REQUIRED.

SUBMITTAL DRAWING

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