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APPROVED ENGINEERING CHANGE ORDER (ECO) ONLY BE INCORPORATED AS DIRECTED BY AN MAINTAINED BY A CAD SYSTEM. CHANGES SHALL THIS DRAWING HAS BEEN GENERATED AND IS

SUBMITTAL DRAWING

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

FRONT VIEW PUMP & STRAINER

FRONT VIEW W/O STRAINER

NOTES:
1. INLET IS 3” [76] PIPE (125# ANSI FLANGED).
2. OUTLET IS 2 1/2” [65] PIPE [GROOVED];
3. PURGE OUTLET IS 3/4” [19] PIPE.
4. MAXIMUM PRESSURE: 150 psi (10.3 bar).
5. MAXIMUM TEMPERATURE: 100°F (37.8°C).
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: 446 lbs (207 kg).
11. <PARA >>>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: 5 HP CENTRIFUGAL, 3500 rpm, 460V, 60Hz.
4. INLET/OUTLET PRESSURE GAUGES: 0-100 psi, GLYCERIN-FILLED.
5. PURGE EQUIPMENT: SRV-816.
6. DIFFERENTIAL PRESSURE INDICATOR: (AVAILABLE WITH DRY CONTACT- MODEL DHE-15-S. ORDER SEPARATELY).
7. BASKET STRAINER.

3'9 3/4” [1010]
3/4” [19] TYP
1/2” [13] TYP
1” [25] TYP

6 7/8” [175] 59 16/16” [141] 11 1/2” [292]

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