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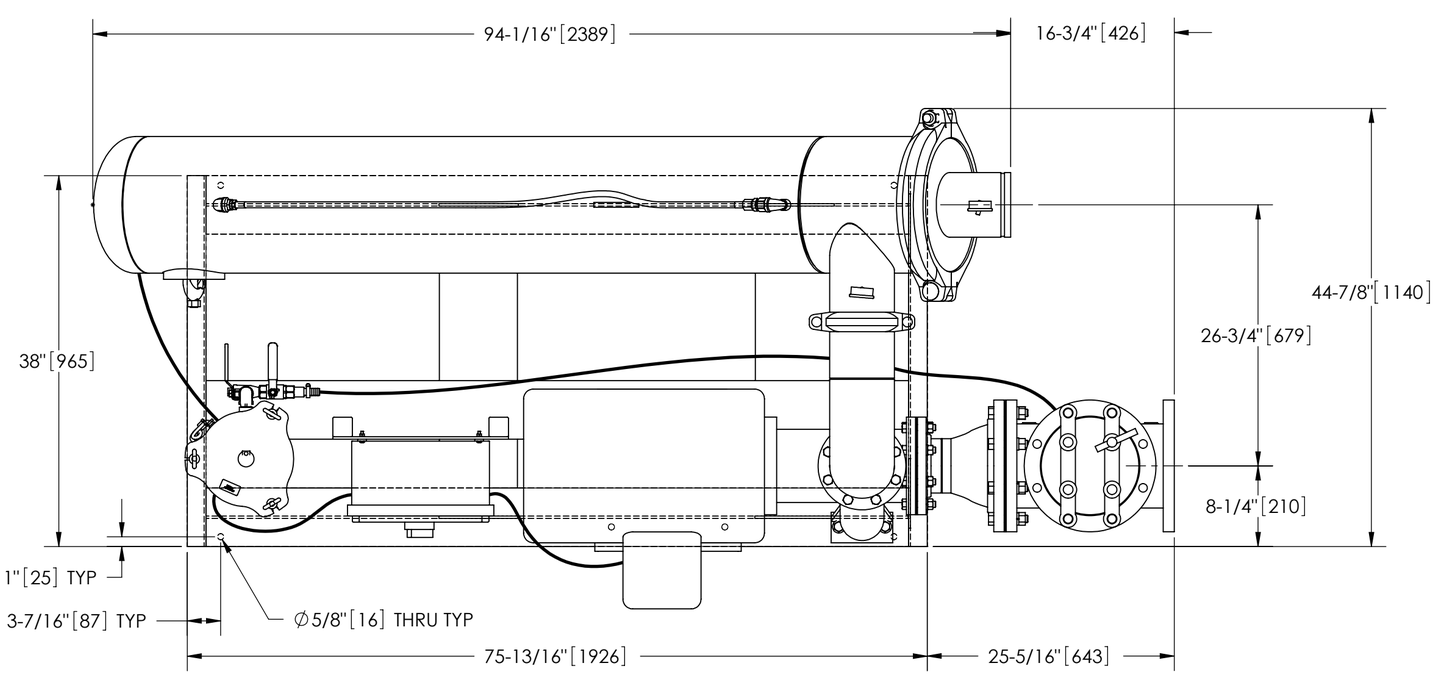
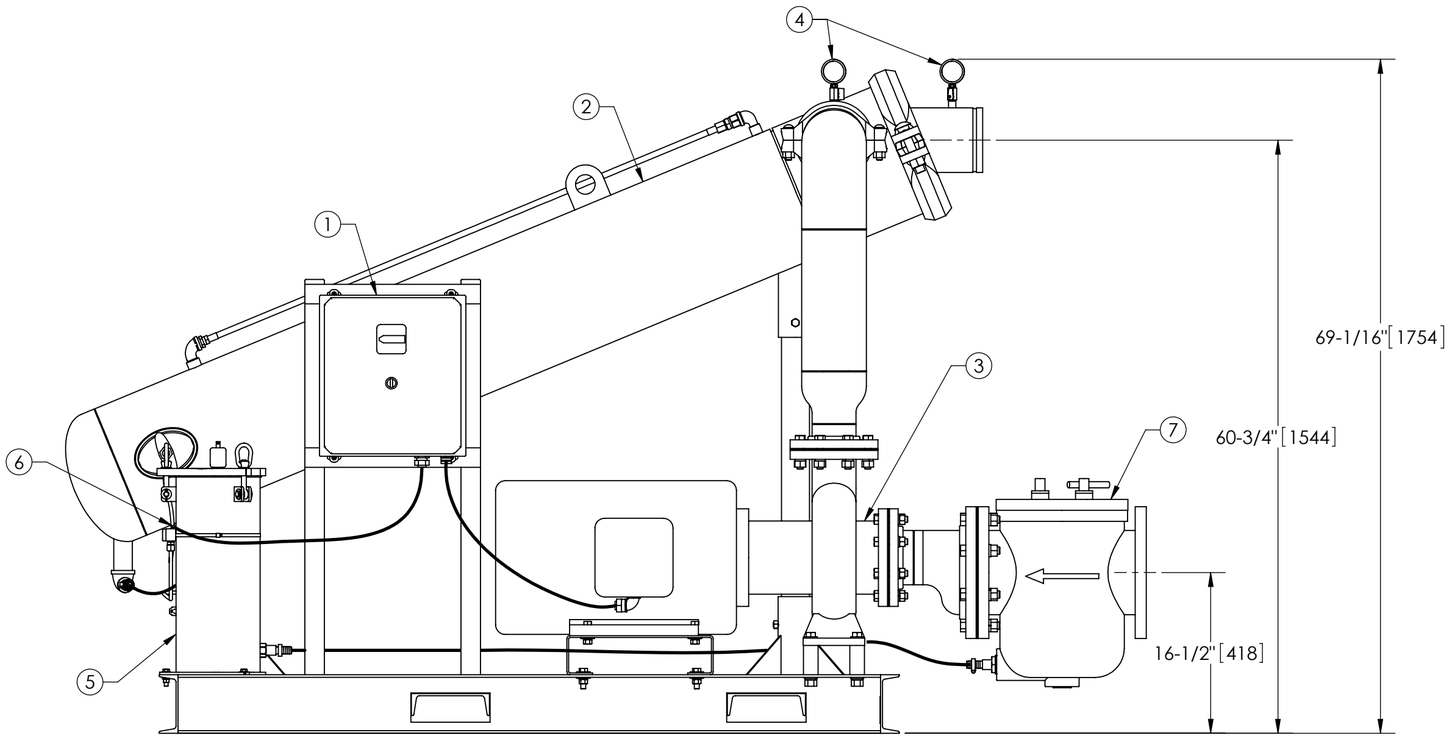
| REVISIONS | | | | |
|---|---|---|---|---|
| ECN | REV. | DESCRIPTION | DATE | APPROVED |




NOTES:

1. INLET IS 8" PIPE (125# ANSI FLANGED).
2. OUTLET IS 6" PIPE (GROOVED).
3. PURGE OUTLET IS 1-1/2" PIPE.
4. MAXIMUM PRESSURE: 150 psi (10.3 bar).
5. MAXIMUM TEMPERATURE: 122°F (50°C).
6. SPECIFIED FLOWRATE OF 825 gpm (187 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: 2734 lbs (1240 kg).
11. INLET/OUTLET VALVE KIT, MODEL TCV-0825 RECOMMENDED.
12. MINIMUM PIPE FROM TOWER BASIN TO JC SYSTEM IS 8" PIPE.
13. FLOODED SUCTION REQUIRED.
14. LIFTING LUGS NOT SUPPLIED.

COMPONENT LIST:

① ELECTRICAL CONTROL BOX 460V 60Hz W/120V TRANSFORMER WITH RUN LIGHTS & BAG FULL LIGHT.
② SEPARATOR: JPX-0450-L.
③ PUMP: 30 HP CENTRIFUGAL, 1800 rpm, 460V, 60Hz, PREMIUM EFFCIENCY, 50°C.
④ INLET/OUTLET PRESSURE GAUGES: 0-100 psi, GLYCERIN-FILLED.
⑤ PURGE EQUIPMENT: SRV-816.
⑥ DIFFERENTIAL PRESSURE INDICATOR WITH DRY CONTACT-MODEL DHE-15-S.
⑦ BASKET STRAINER.

# SUBMITTAL DRAWING

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

DWG NO. 132659 SH REV. 01

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN: INCHES [mm]
TOLERANCES ARE:
FRACTIONS ± 1" DECIMALS .XX ± .01 .XXX ± .005 .XXXX ± .0005 ANGLES ± 1/4°
DO NOT SCALE DRAWING
MATERIAL: PER LAKOS SPEC
FINISH: AS ASSEMBLED

ENGINEERED FOR: 50°C

| | APPROVALS | DATE |
|---|---|---|
| DRAWN | CAG | 3/28/11 |
| ENGR | JBI | 3/28/11 |
| MFG | - | - |
| WORK ORDER | | QTY. |

LAKOS
CLAUDE LAVAL CORP.
FRESNO, CALIFORNIA 93727
WWW.LAKOS.COM
LAVAL UNDERGROUND SURVEYS

TITLE: JCX-0825-SRV/L/50C, JC SYSTEM
SWEEPER JPX-0450-L, 460V 60HZ DELUXE 50C

| SIZE | MODEL NO. | DWG NO. | REV. |
|---|---|---|---|
| C | | 132659 | 01 |
| SCALE 1:12 | | EST. WT. 2734 lb | SHEET 1 OF 1 |