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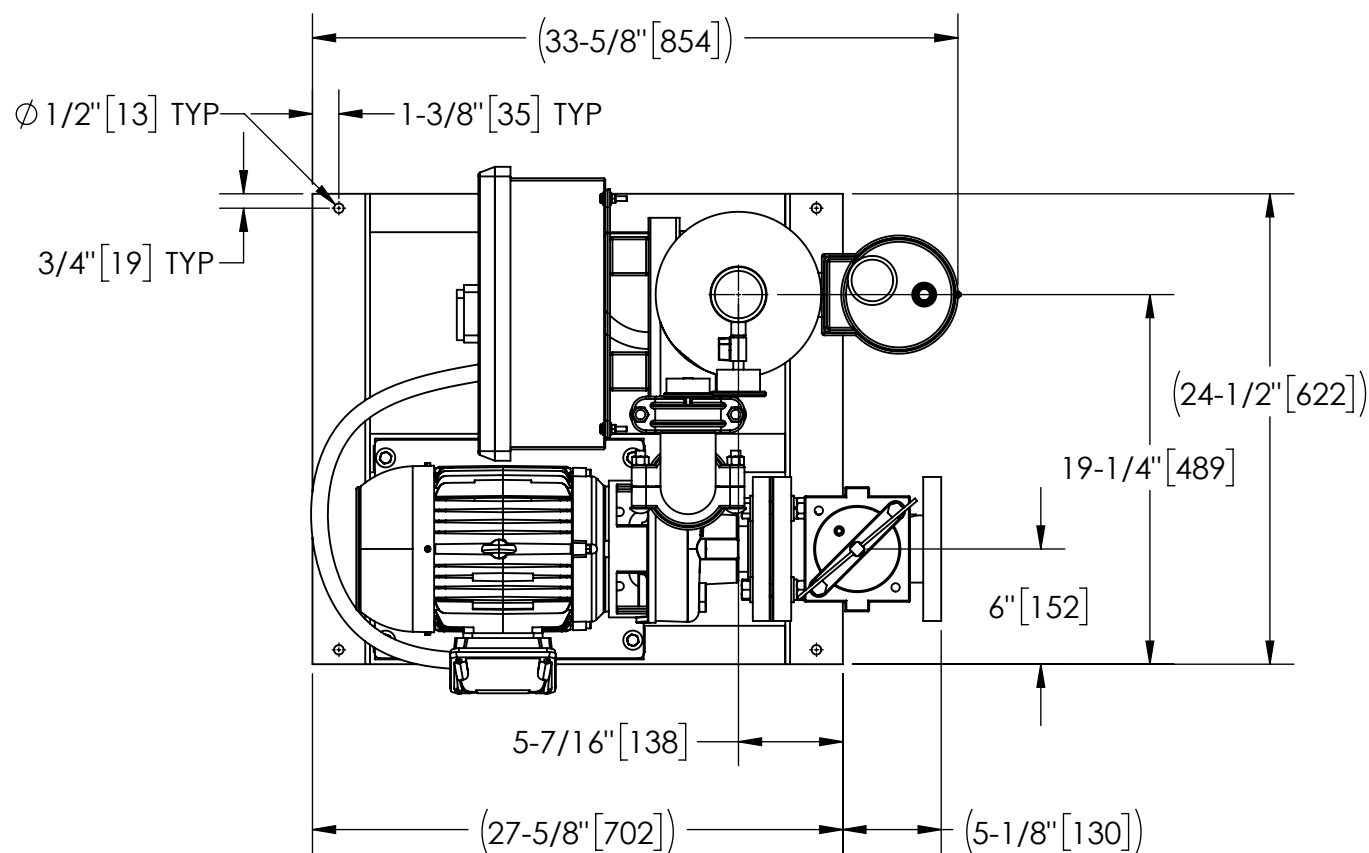
| REVISIONS | | | | |
|-----------|------|-------------|------|----------|
| ZONE | REV. | DESCRIPTION | DATE | APPROVED |
| | | | | |

NOTES:

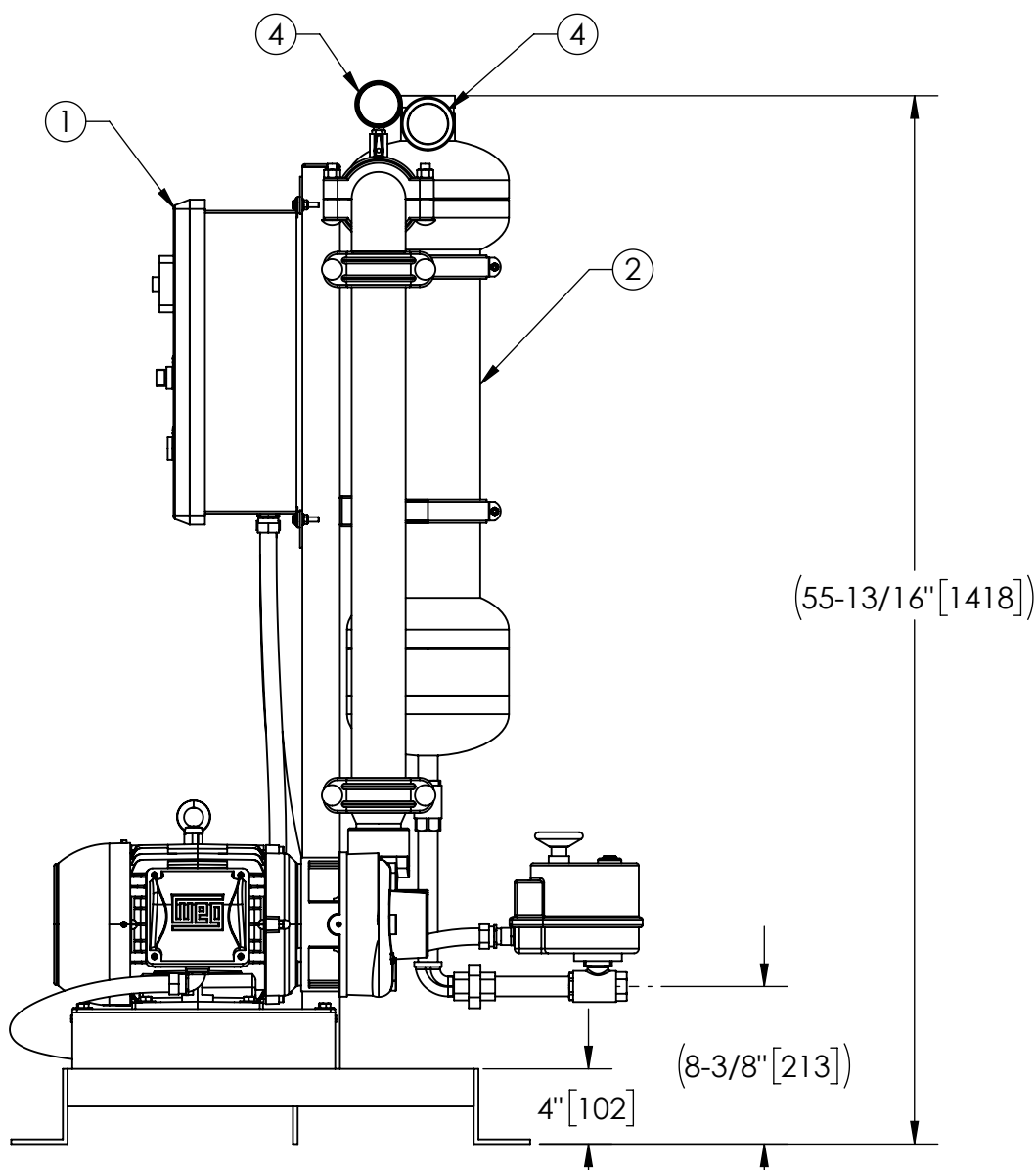
1. INLET IS 3" PIPE (125# ANSI FLANGED).
2. OUTLET IS 2-1/2" PIPE (GROOVED).
3. PURGE OUTLET IS 3/4" NPT.
4. MAXIMUM PRESSURE: 150 psi (10.3 bar).
5. MAXIMUM FLUID TEMPERATURE: 140°F (60°C).
6. SPECIFIED FLOWRATE OF 145 gpm (33 m³/hr).
7. FINISH: AS ASSEMBLED.
8. POWER REQUIREMENT: 3/60/460V.
9. NEMA 4X MOTOR STARTER ENCLOSURE WITH SAFETY DISCONNECT AND H.O.A. SWITCH.
10. APPROXIMATE DRY WEIGHT: 407 lbs (185 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

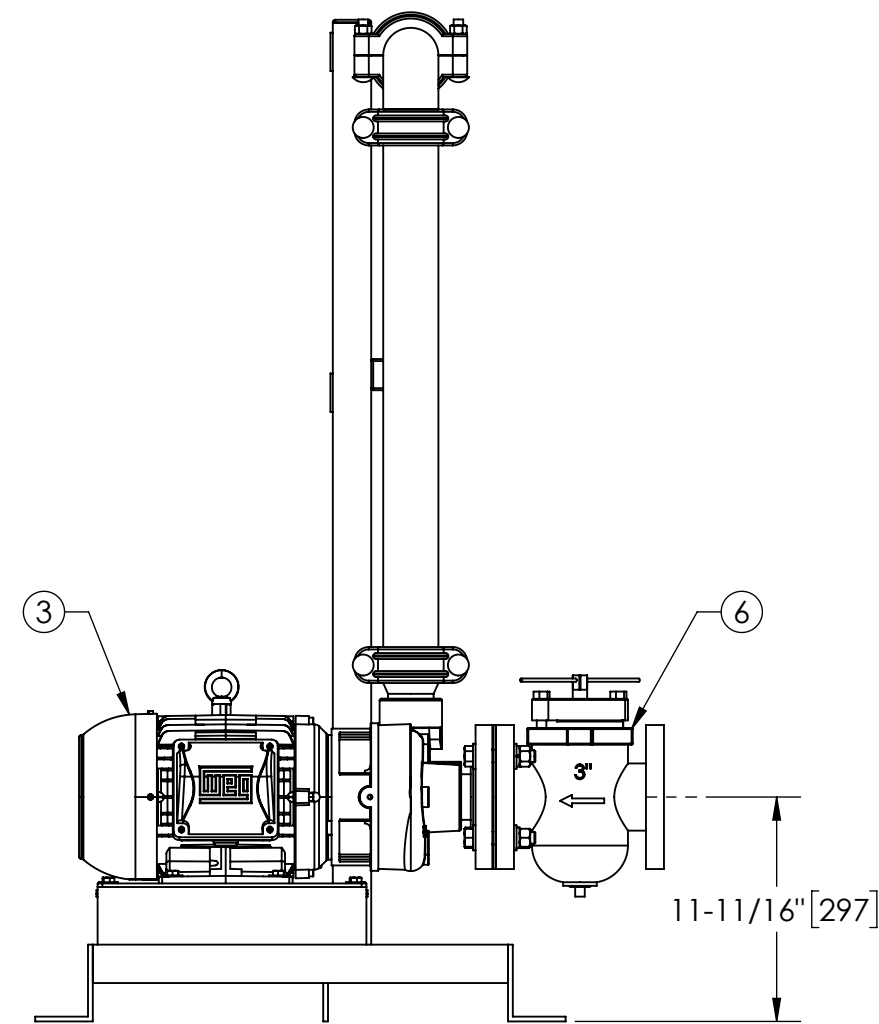
1. ELECTRICAL CONTROL BOX: 3/60/460V, W/120V TRANSFORMER.
2. SEPARATOR: ILB-0250.
3. PUMP: 5 HP, CENTRIFUGAL, TEFC, 3500 rpm, 3/60/460V.
4. INLET/OUTLET PRESSURE GAUGES: 0-160 psi, GLYCERIN-FILLED.
5. PURGE EQUIPMENT: ABV2-07-120V.
6. BASKET STRAINER.



TOP VIEW



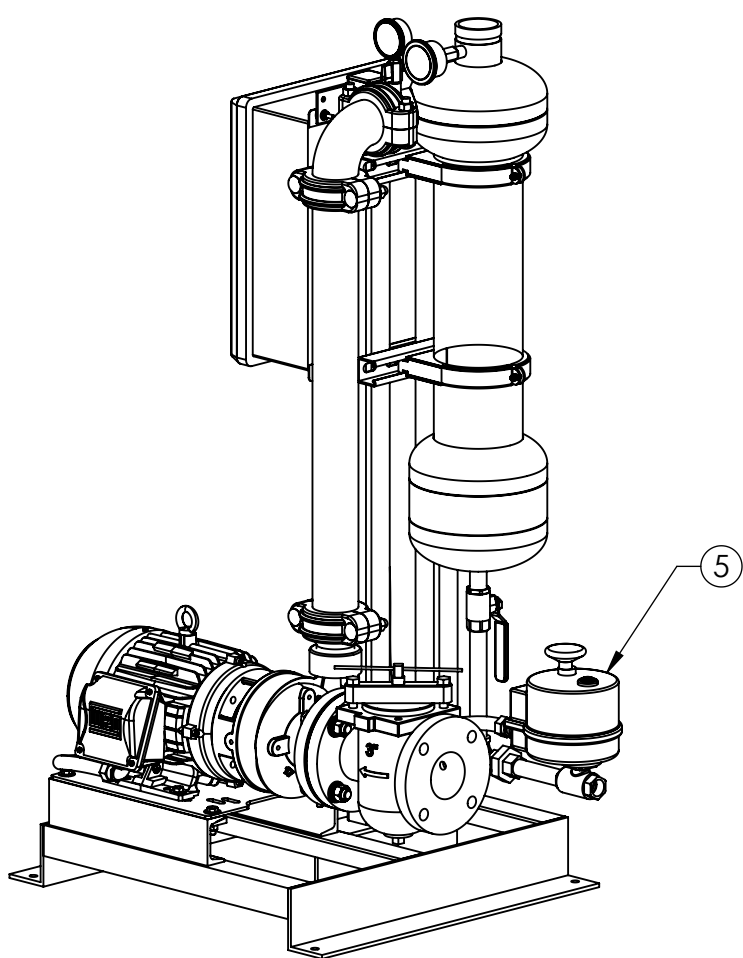
FRONT VIEW
STRAINER HIDDEN



FRONT VIEW
PUMP & STRAINER

CONCEPTUAL DRAWING

This drawing is submitted for spatial & illustrative purposes only. Do not pre-plumb to these dimensions. Submittal drawings available upon request.



| POWER REQUIREMENT | SYSTEM PART NO. |
|-------------------|-----------------|
| 3/60/208V | 187701-208 |
| 3/60/230V | 187701-230 |
| 3/60/460V | 187701-460 |
| 3/60/575V | 187701-575 |
| OTHER | SEE FACTORY |

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN: INCHES [mm]
TOLERANCES ARE:

| FRACTIONS | DECIMALS | ANGLES |
|-----------|---------------|--------|
| ± 1" | .XX ± .01 | ± 1/4° |
| | .XXX ± .005 | |
| | .XXXX ± .0005 | |

DO NOT SCALE DRAWING

| MATERIAL | FINISH |
|----------------|--------------|
| PER LAKOS SPEC | AS ASSEMBLED |

| ENGINEERED FOR: | |
|-----------------|--------|
| STANDARD | |
| APPROVALS | DATE |
| DRAWN | 2/5/24 |
| ENGR | - |
| REVIEW | - |
| WORK ORDER | QTY. |



| TITLE | | | |
|---|-----------|---------|--------|
| TCI-0145-ABV/CS SKID, TC SYSTEM, SWEEPER ILB-0250, 3/60/460V | | | |
| SIZE | MODEL NO. | DWG NO. | REV. |
| C | | 187701 | A |
| SCALE | EST. WT. | SHEET | 1 OF 1 |
| 1:10 | 407 lb | | |

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DWG NO. 187701
SHEET 1 REV. A