NOTES:
1. INLET IS 3" PIPE (FLANGED).
2. OUTLET IS 2 1/2" PIPE (GROOVED).
3. PURGE OUTLET IS 3/4" PIPE.
4. MAXIMUM PRESSURE: 100 psi (6.9 bar).
5. MAXIMUM TEMPERATURE: 100ºF (37.8ºC).
6. SPECIFIED FLOW RATE 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: 814 lbs (369 kg).
11. INLET/OUTLET VALVE KIT, MODEL TCV-0145-PLUS RECOMMENDED.
12. MINIMUM PIPE FROM TOWER BASIN TO TP SYSTEM IS 4' PIPE.
13. FLOODED SUCTION REQUIRED.
14. MAXIMUM BASIN SIZE 120 sq ft.

COMPONENT LIST:
1. ELECTRICAL CONTROL BOX 460V 60Hz W/120V TRANSFORMER.
2. SEPARATOR: HTX-0085-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 DRY CONTACT-
   MODEL DHE-15-S. ORDER SEPARATELY).
7. HOSE ATTACHED IN FIELD WITH QUICK DISCONNECT COUPLINGS.
8. FILTER VESSEL, 2", HRF-930-MP-2-BL, 316SS.
9. BASKET STRAINER.

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

SIDE VIEW W/O SRV

FRONT VIEW W/O STRAINER/SRV

REVISION HISTORY

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TOP VIEW

FRONT VIEW PUMP/STRAINER

NO. 1004-0765-123373 - 1 OF 1

1:12 SCALE DRAWING

TPX-0145-SRV, TCX SYSTEM,
SWEEPER HTX-0085, 460V 60HZ PLUS

WWW.LAKOS.COM
FRESNO, CALIFORNIA 93727

CLAUDE LAVAL CORP.

DATE APPROVED

ENG NO
1004-0037-000-65

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SCALE
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WORK ORDER
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