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REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED

NOTES:

1. INLET IS 4" PIPE (125# ANSI FLANGED).
2. OUTLET IS 4" 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 280 gpm (64 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: 569 lbs (258 kg).
11. INLET/OUTLET VALVE KIT, MODEL TCV-0280 RECOMMENDED.
12. MINIMUM PIPE FROM TOWER BASIN TO TC SYSTEM IS 6" PIPE.
13. FLOODED SUCTION REQUIRED.

COMPONENT LIST

- 1 ELECTRICAL CONTROL BOX: 3/60/460V, W/120V TRANSFORMER.
- 2 SEPARATOR: ILB-0350.
- 3 PUMP: 10 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

CONCEPTUAL DRAWING

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

FRONT VIEW
STRAINER HIDDEN

FRONT VIEW
PUMP & STRAINER

SYSTEM MODELS	
POWER REQUIREMENT	SYSTEM PART NO.
3/60/208V	187703-208
3/60/230V	187703-230
3/60/460V	187703-460
3/60/575V	187703-575
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		ENGINEERED FOR: STANDARD			
DO NOT SCALE DRAWING		APPROVALS	DATE	TITLE	
MATERIAL PER LAKOS SPEC		DRAWN AAM	1/30/24	TCI-0280-ABV/CS SKID, TC SYSTEM, SWEEPER ILB-0350, 3/60/460V	
FINISH AS ASSEMBLED		ENGR -	-	SIZE C	MODEL NO.
WORK ORDER		REVIEW -	-	DWG NO. 187703	REV. A
SCALE 1:12		QTY.	EST. WT. 569 lb	SHEET 1 OF 1	

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