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REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED

NOTES:

- INLET IS 1-1/2" PIPE (NPT).
- OUTLET IS 1" PIPE (GROOVED).
- PURGE OUTLET IS 3/4" NPT.
- MAXIMUM PRESSURE: 150 psi (10.3 bar).
- MAXIMUM FLUID TEMPERATURE: 140°F (60°C).
- SPECIFIED FLOWRATE OF 30 gpm (7 m³/hr).
- FINISH: AS ASSEMBLED.
- POWER REQUIREMENT: 3/60/460V.
- NEMA 4X MOTOR STARTER ENCLOSURE WITH SAFETY DISCONNECT AND H.O.A. SWITCH.
- APPROXIMATE DRY WEIGHT: 270 lbs (122 kg).
- INLET/OUTLET VALVE KIT, MODEL TCV-0030 RECOMMENDED.
- MINIMUM PIPE FROM TOWER BASIN TO TC SYSTEM IS 2" PIPE.
- FLOODED SUCTION REQUIRED.

COMPONENT LIST

- ELECTRICAL CONTROL BOX: 3/60/460V, W/120V TRANSFORMER.
- SEPARATOR: ILB-0100.
- PUMP: 1 HP, CENTRIFUGAL, TEFC, 3500 rpm, 3/60/460V.
- INLET/OUTLET PRESSURE GAUGES: 0-160 psi, GLYCERIN-FILLED.
- PURGE EQUIPMENT: SRV-816.
- DIFFERENTIAL PRESSURE INDICATOR: (AVAILABLE WITH DRY CONTACT MODEL DEC-100. ORDER SEPARATELY).
- 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	187686-208
3/60/230V	187686-230
3/60/460V	187686-460
3/60/575V	187686-575
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	1/27/24	TCI-0030-SRV/CS SKID, TC SYSTEM, SWEEPER ILB-0100, 3/60/460V	
FINISH AS ASSEMBLED		ENGR -	-	SIZE C	MODEL NO.
WORK ORDER		REVIEW -	-	SCALE 1:10	DWG NO. 187686
		EST. WT. 270 lb	SHEET 1 OF 1	REV. A	

4 3 2 1

DWG. NO. 187686
SHEET 1
REV. A