

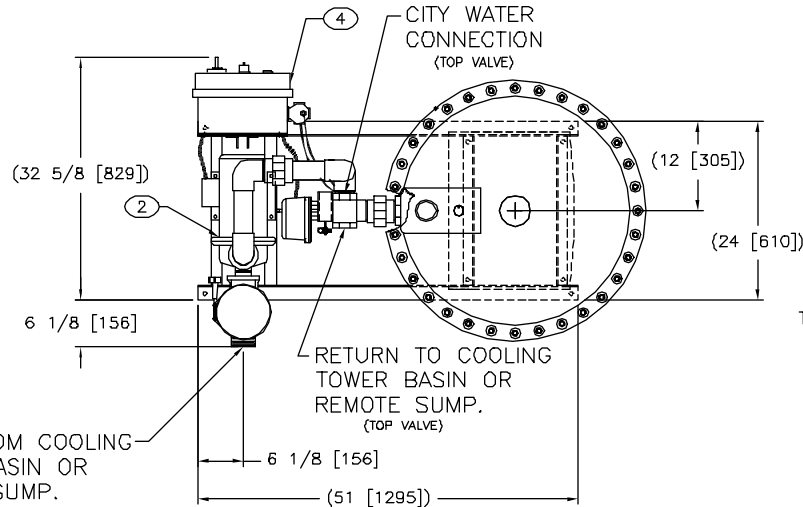
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REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

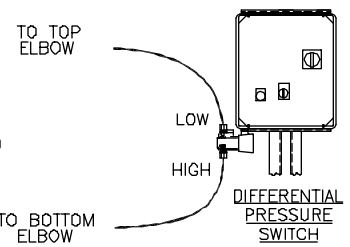
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SUBMITTAL DRAWING

This drawing is submitted for special consideration only. Do not pre-plumb to these dimensions. Certified drawings available upon request.



TOP VIEW



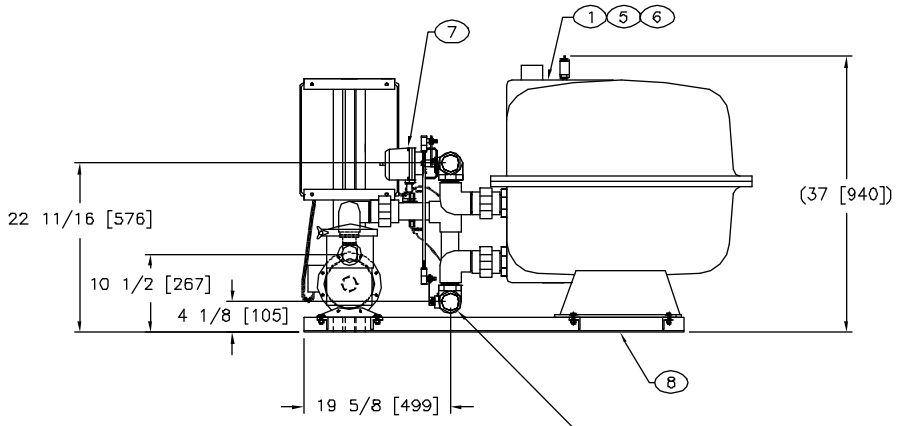
PRESSURE DIFFERENTIAL SETTINGS	
20" UNITS	= 13 PSI
24" UNITS	= 13 PSI
30" UNITS	= 16 PSI
TIMER SETTING	
ONE SHOT TIMER	- 180 SECS.

NOTES:

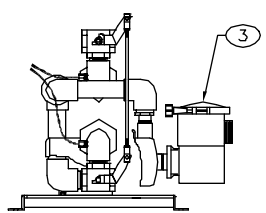
- INLET IS 2" PIPE SIZE (FNPT).
- OUTLET IS 2" PIPE SIZE (FNPT).
- BACKWASH IS 2" PIPE SIZE (FNPT).
- MAXIMUM PRESSURE: 50 psi. (345 kPa).
- MAXIMUM TEMPERATURE: 125°F (51.7°C).
- SPECIFIED MAXIMUM FLOWRATE OF 100 GPM (23 m³/hr).
- SPECIFIED MINIMUM BACKWASH FLOW RATE OF 74 GPM (17 m³/hr).
- POWER REQUIREMENT: 480V, 3PH, 60HZ.
- NEMA 4X MOTOR STARTER ENCLOSURE WITH SAFETY DISCONNECT, H.O.A. SWITCH, BACKWASH TIMER AND BACKWASH CYCLE TIMER.
- APPROXIMATE DRY WEIGHT: 725lbs (329 kg).
- MINIMUM PIPE SIZE AT FTS SYSTEM INLET IS 3" PIPE.
- FLOODED SUCTION REQUIRED.
- FINISH: AS ASSEMBLED.

COMPONENT LIST:

- MEDIA TANK: 30" DIAMETER FIBERGLASS REINFORCED POLYESTER FILTER.
- PUMP: 2 HP CENTRIFUGAL, STAINLESS STEEL, 3500 rpm.
- PLASTIC BASKET STRAINER.
- ELECTRICAL CONTROL BOX: 480V 60HZ W/115V TRANSFORMER.
- MEDIA: 10 MICRON AT 95% EFFICIENCY - STANDARD.
5 MICRON AT 90% EFFICIENCY - OPTIONAL.
- UNDERDRAIN: PVC CENTER MANIFOLD, ABS COLLECTOR HUB FOR 16 ABS COLLECTOR LATERALS.
- ELECTRIC ACTUATOR: 120 V ELECTRICALLY ACTUATED 3-WAY BALL VALVES
- OPEN RAIL, STAINLESS STEEL SKID.



FRONT VIEW



LEFT SIDE VIEW
TANK, ACTUATOR & ELECTRICAL GROUP NOT SHOWN FOR CLARITY

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES (mm) TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± 1/2" ± .005 ± 1/4" DO NOT SCALE DRAWING	DESIGNED FOR: STANDARD	LAKOS CLAUDE LAVAL CORP. 1385 N. CLOVIS AVE. FRESNO, CALIFORNIA 93727	LAKOS UNIVERSITY SURETY
APPROVALS	DATE	TITLE	
DRAWN NAC	4/17/02	FTS-30-100-A-C, HT MEDIA SYSTEM	
REVIEWED		CITY BW, AUTO, FIBERGLASS 2 HP	
SEE PARTS LIST			
FINISH: AS ASSEMBLED	ENGR 4/26/02	SIZE C	MODEL NO. 119193
WORK ORDER	QTY.	SCALE 1" = 1'	EST. WGT. SHEET 1 OF 1

DWG. NO. 119193