

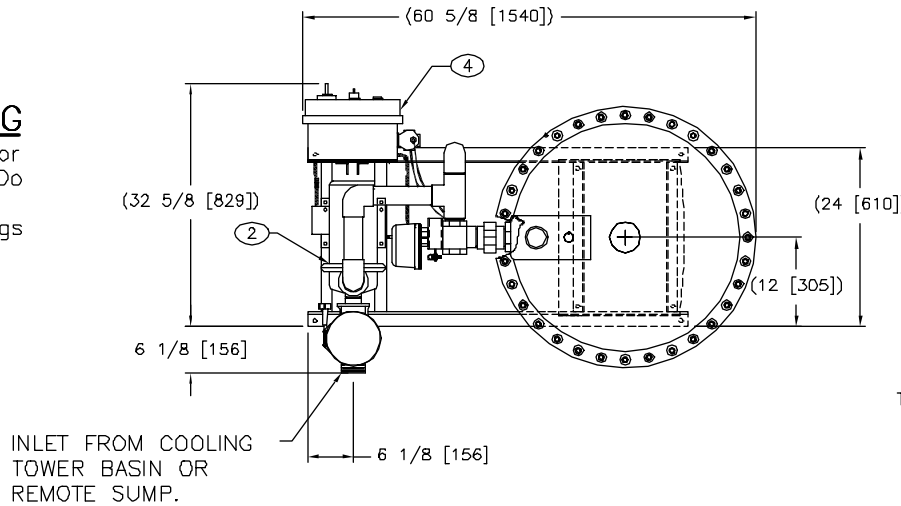
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SUBMITTAL DRAWING

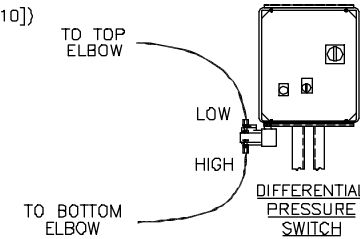
This drawing is submitted for special consideration only. Do not pre-plumb to these dimensions. Certified drawings available upon request.

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
-	A	CORRECTED PRESSURE DIFFERENTIAL LINES.	4/1/02	<i>NAC</i>
-	B	ROTATED PUMP 180 DEG.	4/17/02	NAC

THIS DRAWING HAS BEEN GENERATED AND IS MAINTAINED BY A CAD SYSTEM. CHANGES SHALL ONLY BE INCORPORATED AS DIRECTED BY AN APPROVED ENGINEERING CHANGE ORDER (ECO). PAPER COPIES ARE UNCONTROLLED.



TOP VIEW



PRESSURE DIFFERENTIAL SETTINGS	
20" UNITS	= 13 PSI
24" UNITS	= 13 PSI
30" UNITS	= 16 PSI

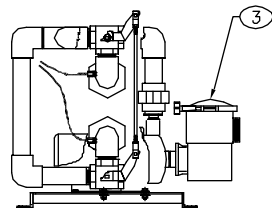
TIMER SETTING	
ONE SHOT TIMER	- 180 SECS.

NOTES:

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

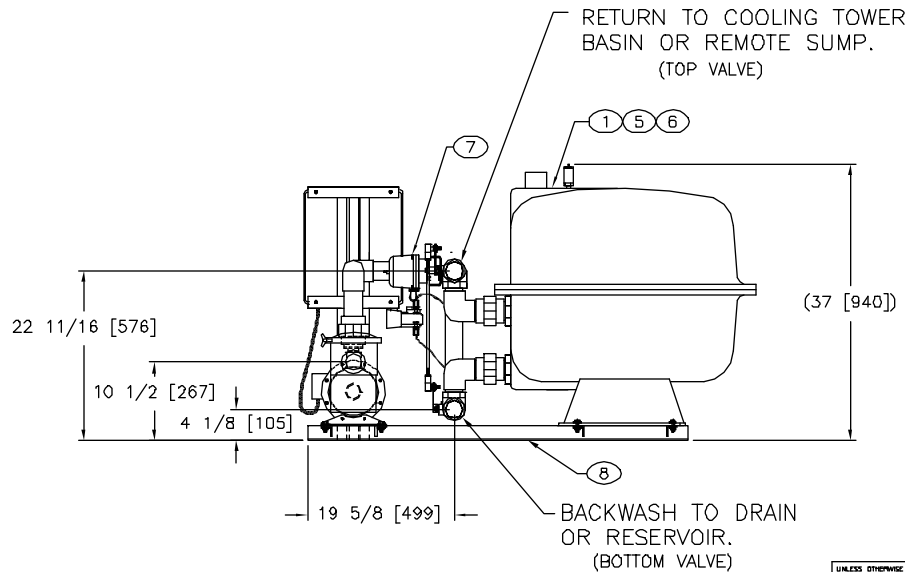
COMPONENT LIST:

- ① MEDIA TANK: 30" DIAMETER FIBERGLASS REINFORCED POLYESTER FILTER.
- ② PUMP: 2 HP CENTRIFUGAL, STAINLESS STEEL, 3500 rpm.
- ③ PLASTIC BASKET STRAINER.
- ④ ELECTRICAL CONTROL BOX: 480V 60HZ W/115V TRANSFORMER.
- ⑤ MEDIA: 10 MICRON AT 95% EFFICIENCY - STANDARD.
5 MICRON AT 90% EFFICIENCY - OPTIONAL.
- ⑥ UNDERDRAIN: PVC CENTER MANIFOLD, ABS COLLECTOR HUB FOR 16 ABS COLLECTOR LATERALS.
- ⑦ ELECTRIC ACTUATOR: 120 V ELECTRICALLY ACTUATED 3-WAY BALL VALVES
- ⑧ OPEN RAIL, STAINLESS STEEL SKID.



LEFT SIDE VIEW

TANK, ACTUATOR & ELECTRICAL GROUP NOT SHOWN FOR CLARITY



FRONT VIEW

UNLESS OTHERWISE SPECIFIED:		DIMENSIONS ARE IN: INCHES (mm)		TOLERANCES ARE:	
FRACTIONS	DECIMALS	ANGLES			
± 1/2"	± 0.015"	± 1/4"			
DO NOT SCALE DRAWING					
MATERIAL: SEE PARTS LIST					
FINISH: AS ASSEMBLED					
WORK ORDER: <i>NAC</i>					
DESIGNED FOR: STANDARD		APPROVALS: <i>NAC</i>		DATE: 4/17/02	
DRAWN: NAC		REVIEWED: <i>NAC</i>		DATE: 4/17/02	
ENGR: <i>NAC</i>		DATE: 4/26/02		CITY: <i>NAC</i>	
SCALE: 1" = 1'		DWG NO.: 119192		SHEET: 1 OF 1	

DWG. NO. 119192 REV. 1 REV. B