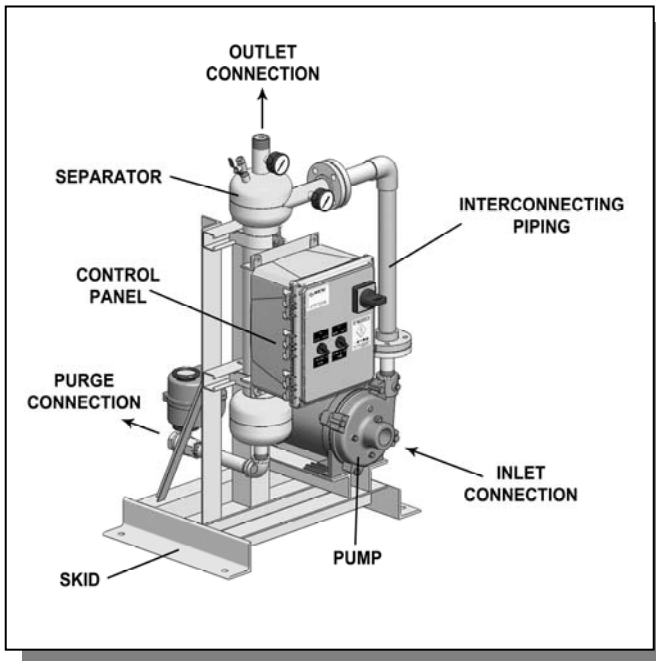




## PF64-012 SPECIFICATION SHEET PUMP PACKAGE SYSTEM



SPECIFICATIONS	PF64-012
Flow Rate	50 gpm
System Inlet Connection	1 1/4" fpt
System Outlet Connection	1 1/4" mpt
Purge Connection	1" fpt
Separator Model	PF61-012
Separator Purge	Automatic
Pump Motor	2 hp
Volume	2 gal
Est. Weight, Dry	287 lbs
Est. Weight, Operating	303 lbs

- Removes particulate as low as 45 microns
- 150 psi working pressure

- Fully assembled skid package
- One year limited warranty

### SYSTEM COMPONENTS

#### **Separator :**

- PF61-012 - 1 1/4" threaded separator
- Fusion bonded polyester coated vessel
- 1/4" Manual air bleed valve
- 0 to 160 psi gauges on influent / effluent

#### **Electrical Controls :**

- NEMA 4X fiberglass enclosure
- Motor overload/short circuit protection
- Hand-Off-Auto switches

#### **Pump :**

- Close coupled, end suction centrifugal pump
- 3450 rpm, TEFC motor

#### **Automatic Purge :**

- Electrically actuated industrial grade ball valve
- Adjustable purge timer

#### **Skid :**

- Fusion bonded polyester coated carbon steel

#### **Interconnecting Pipe :**

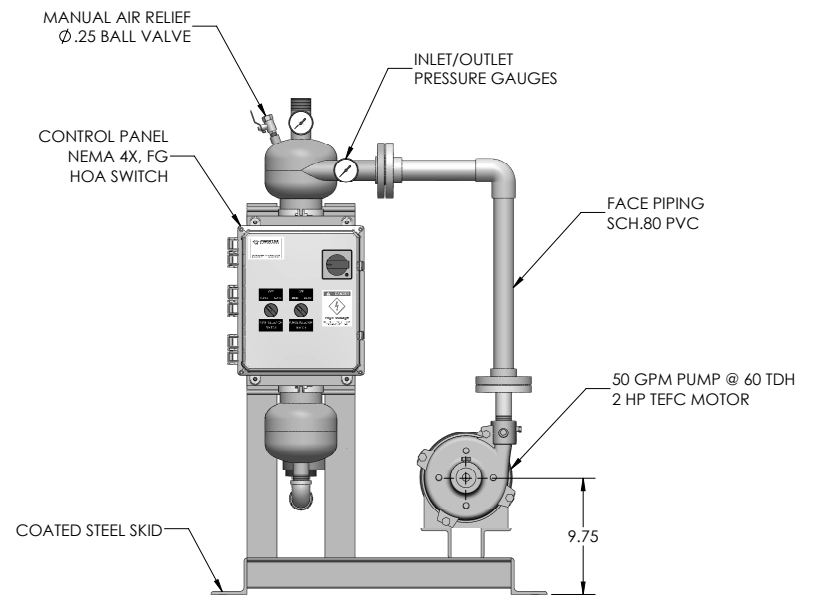
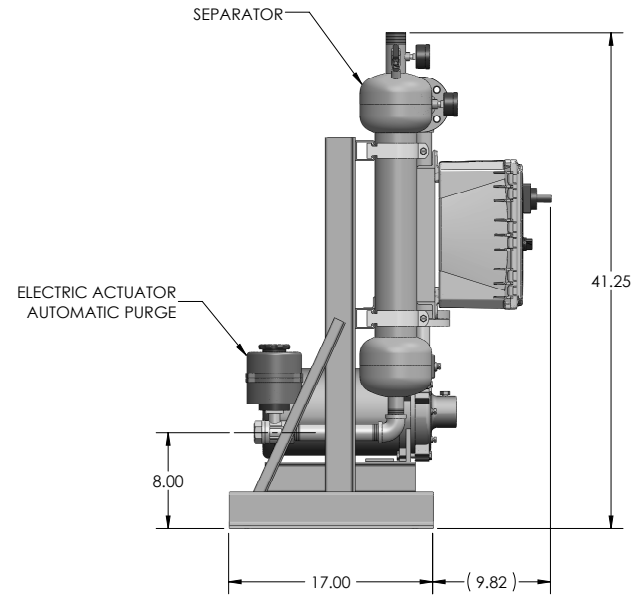
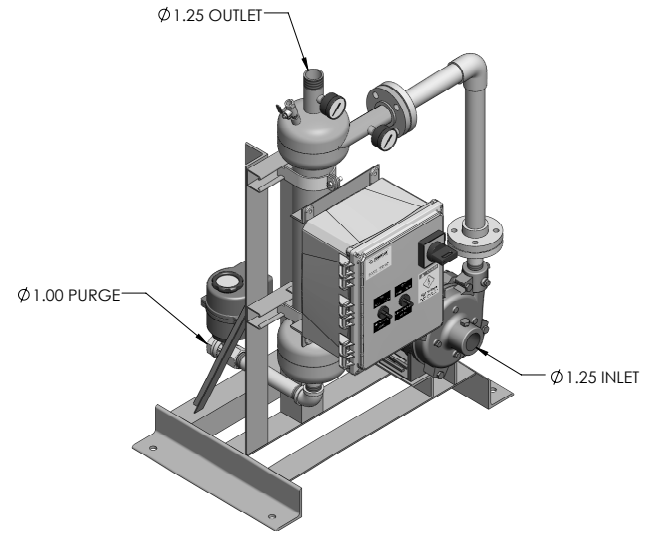
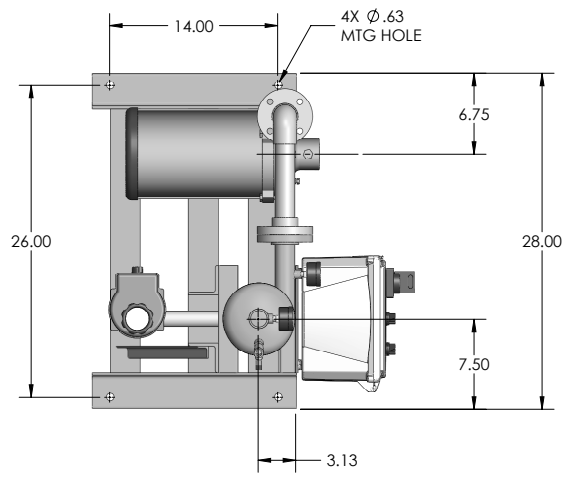
- Sch.80 PVC piping

**Options:** Cast Iron Pump Pre-Strainer, Manual Purge, Removable Dome, 22 1/2" profile

NOTES: UNLESS OTHERWISE SPECIFIED

1. DIMENSIONS ARE IN INCHES
2. DIMENSIONS MAY VARY SLIGHTLY - DO NOT USE FOR CONSTRUCTION
3. SEPARATOR SYSTEM IS RATED FOR 150 PSI WORKING PRESSURE
4. UNIT AVAILABLE WITH OPTIONAL PUMP PRE-STRAINER

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	CHANGED FLOW RATE	08-07-09	D.L.



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ±.25 THREE PLACE DECIMAL ±		PROJ. NO.	PF-64-012-AP SEPARATOR PACKAGE 50 GPM - WITH SKID MOUNTED PUMP	
INTERPRET GEOMETRIC TOLERANCING PER:		DRAWN	D. LUNA	
MATERIAL		CHECKED		
FINISH		DESIGN APPROVED		
APPLICATION		MFG APPROVED		
DO NOT SCALE DRAWING		QA APPROVED		
		RELEASE DATE	05-22-09	
		SCALE	NONE	
		SHEET	1 OF 2	
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF PUROFLUX CORPORATION. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF PUROFLUX CORPORATION IS PROHIBITED.		SIZE <b>C</b>	CAGE CODE DWG NO. <b>641-0280</b>	REV <b>A</b>
		PHONE: (805) 579-0216 FAX: (805) 579-6005 WEBSITE: www.puroflux.com		

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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	REVISED VALBIA ACTUATOR	10-21-11	K.C.

D

D

C

C

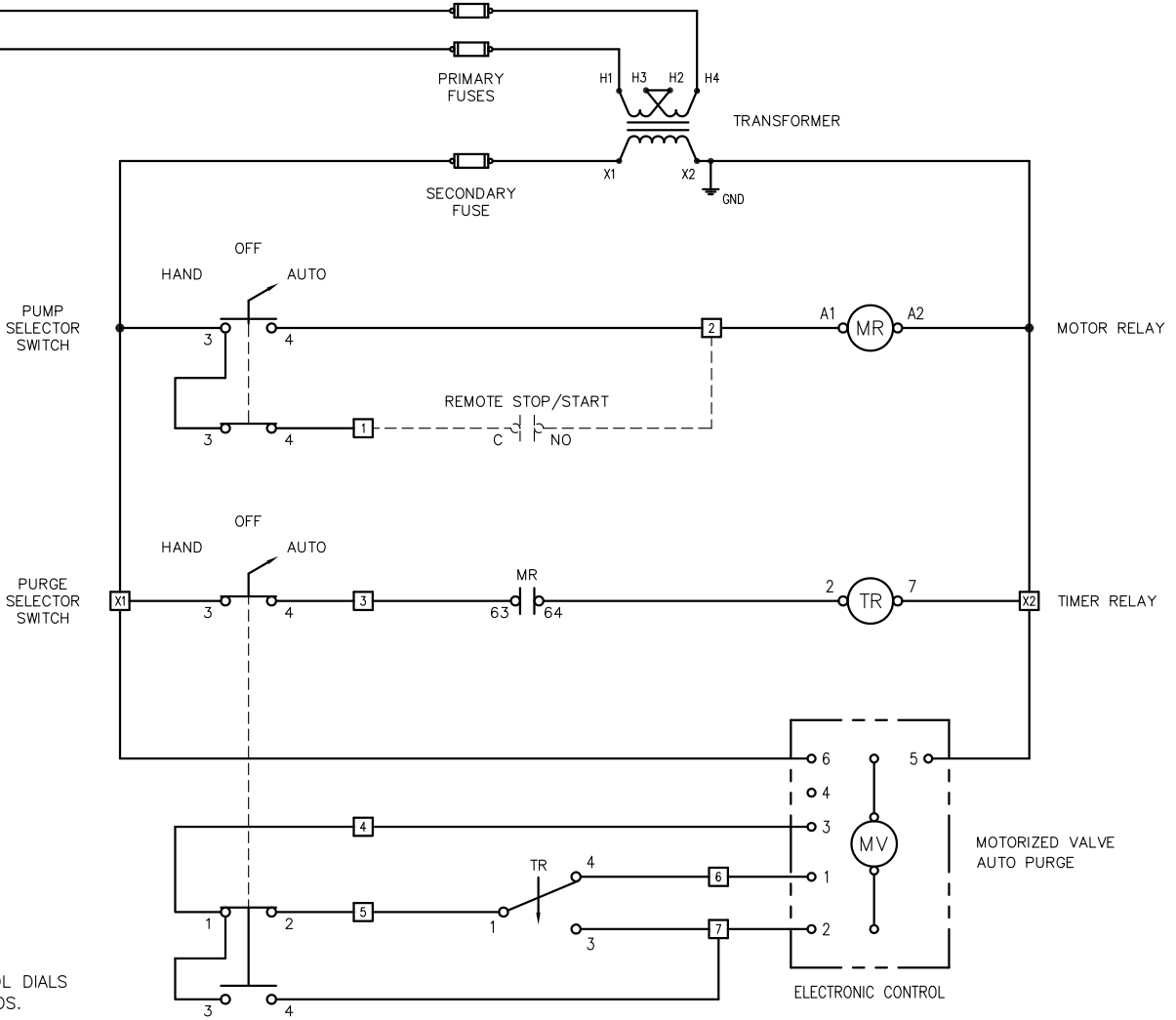
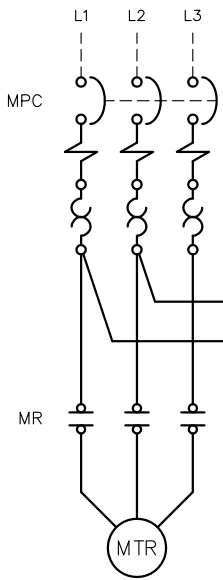
B

B

A

A

460V/3 $\phi$ /60 Hz



**PROGRAMMING**

THE PUROFLUX AUTO PURGE TIMER IS EQUIPPED WITH TWO CONTROL DIALS TO PROGRAM THE PURGING CYCLES TO MATCH YOUR SPECIFIC NEEDS.

CYCLE TIME

DIAL UPPER INDICATOR (T1) TO THE DESIRED FREQUENCY OF PURGING  
 RANGE : 14 MINUTES TO 24 HOURS  
 FACTORY SETTING : 25% (APPROX EVERY 6 HRS)

PURGING TIME

DIAL LOWER INDICATOR (T2) TO THE DESIRED DURATION OF PURGING  
 RANGE : 6 TO 60 SECONDS  
 FACTORY SETTING : 35% (APPROX 20 SEC)

DWG. NO. 642-0032  
 SH 1  
 REV D

MATERIAL HEAT TREAT FINISH	UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES DO NOT SCALE THIS DRAWING	PROJ. NO. DRAWN K. CARTER	WIRING DIAGRAM : 460V/3 $\phi$ /60 HZ AUTO PURGE PANEL : REMOTE STOP/START	
	INTERPRET DRAWING PER APPLICABLE STANDARDS	CHECKED	1357 KUEHNER DRIVE SIMI VALLEY CA 93063 PHONE: (805) 579-0216 FAX: (805) 579-6005	
	DECIMALS ANGLES SURFACE FINISH .XX ± - ± - .XXX ± - -	DESIGN APPROVED		
	NEXT ASSEMBLY APPLICATION	THREADS PER NBS HANDBOOK-H28 CONCENTRICITIES .010 TR BREAK CORNERS .005-.015 INTERNAL RADI .015-.030	MFG APPROVED QA APPROVED	SCALE NONE
		RELEASE DATE 08-23-02		REV D

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3

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SHEET 1 OF 1