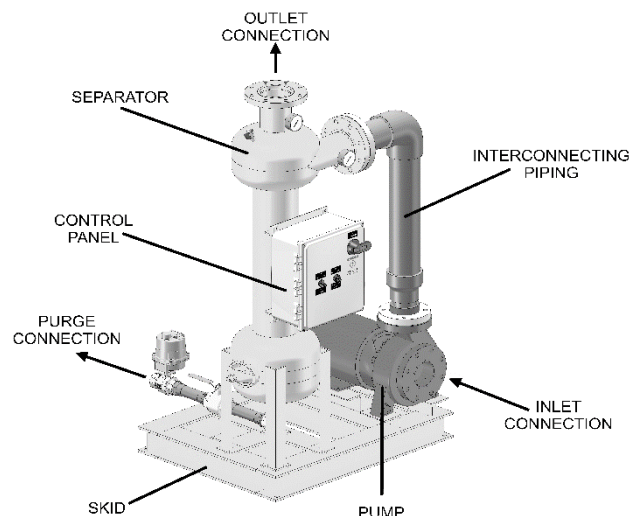


## PF-64-080-AP PUMP PACKAGE SYSTEM SPECIFICATION SHEET



### Features:

- Removes particulate 25 microns and finer
- 150 psi working pressure
- Fully assembled skid package
- One year limited warranty

### Options:

- Manual purge
- Removable dome separator
- 22-1/2° Profile separator
- Coated carbon steel piping
- Isolation valve kit

## SYSTEM COMPONENTS

SPECIFICATIONS	PF-64-080-AP
Flow Rate	1670 GPM
System Inlet Connection	10" flange
System Outlet Connection	8" flange
Purge Connection	1-1/2" fpt
Separator Model	PF-61-080
Separator Purge	Automatic
Pump Motor	30 HP
Volume	94 GAL
Est. Weight, Dry	2262 lbs
Est. Weight, Operating	3047 lbs

### Separator :

- PF-61 Series separator
- Fusion-bond polyester coated vessel
- Manual air bleed valve
- Inlet/Outlet pressure gauges

### Pump :

- Centrifugal pump
- NEMA P.E. TEFC motor

### Skid :

- Fusion-bond polyester coated carbon steel

### Interconnecting Pipe :

- Sch.80 PVC piping

### Electrical Controls :

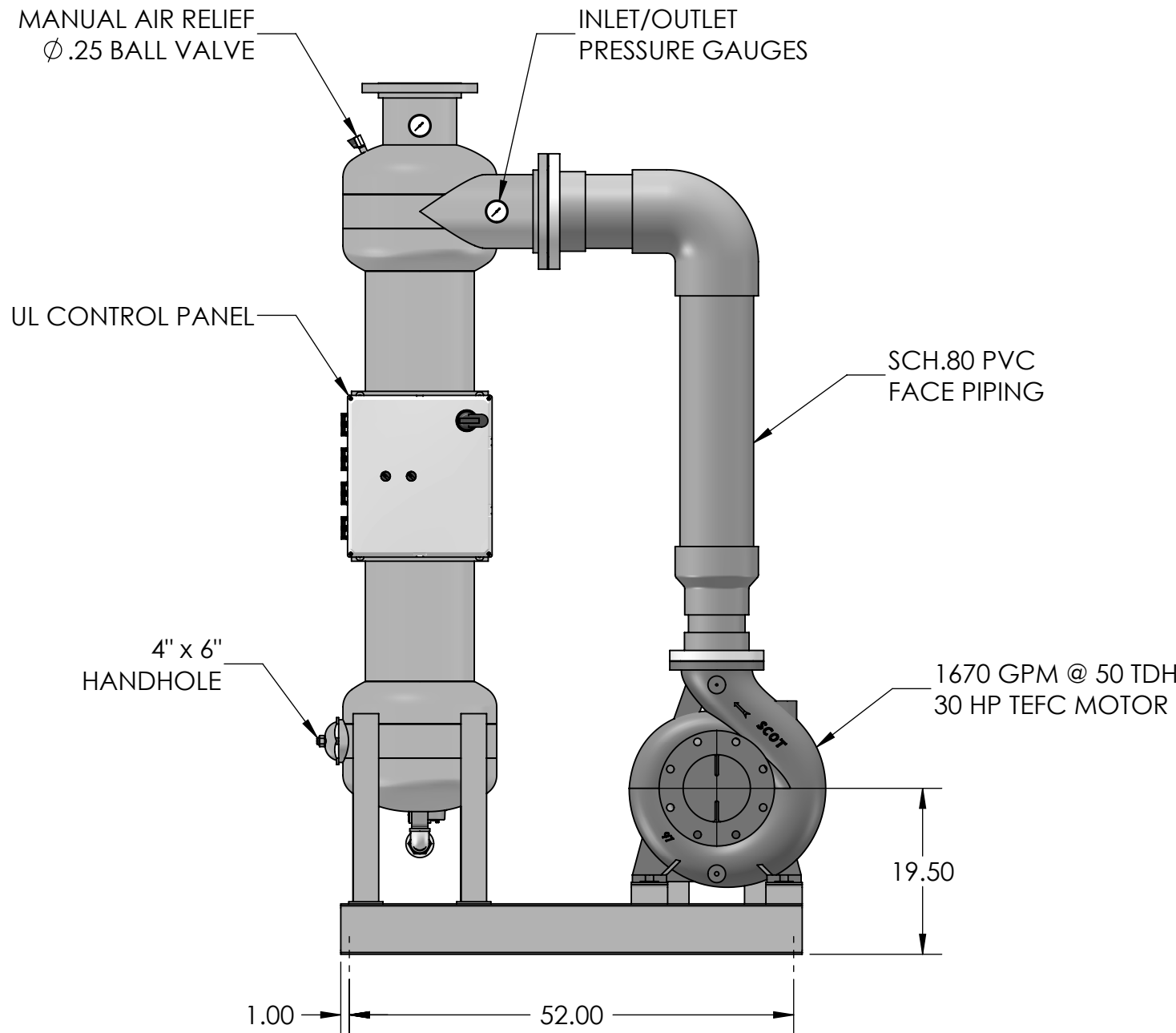
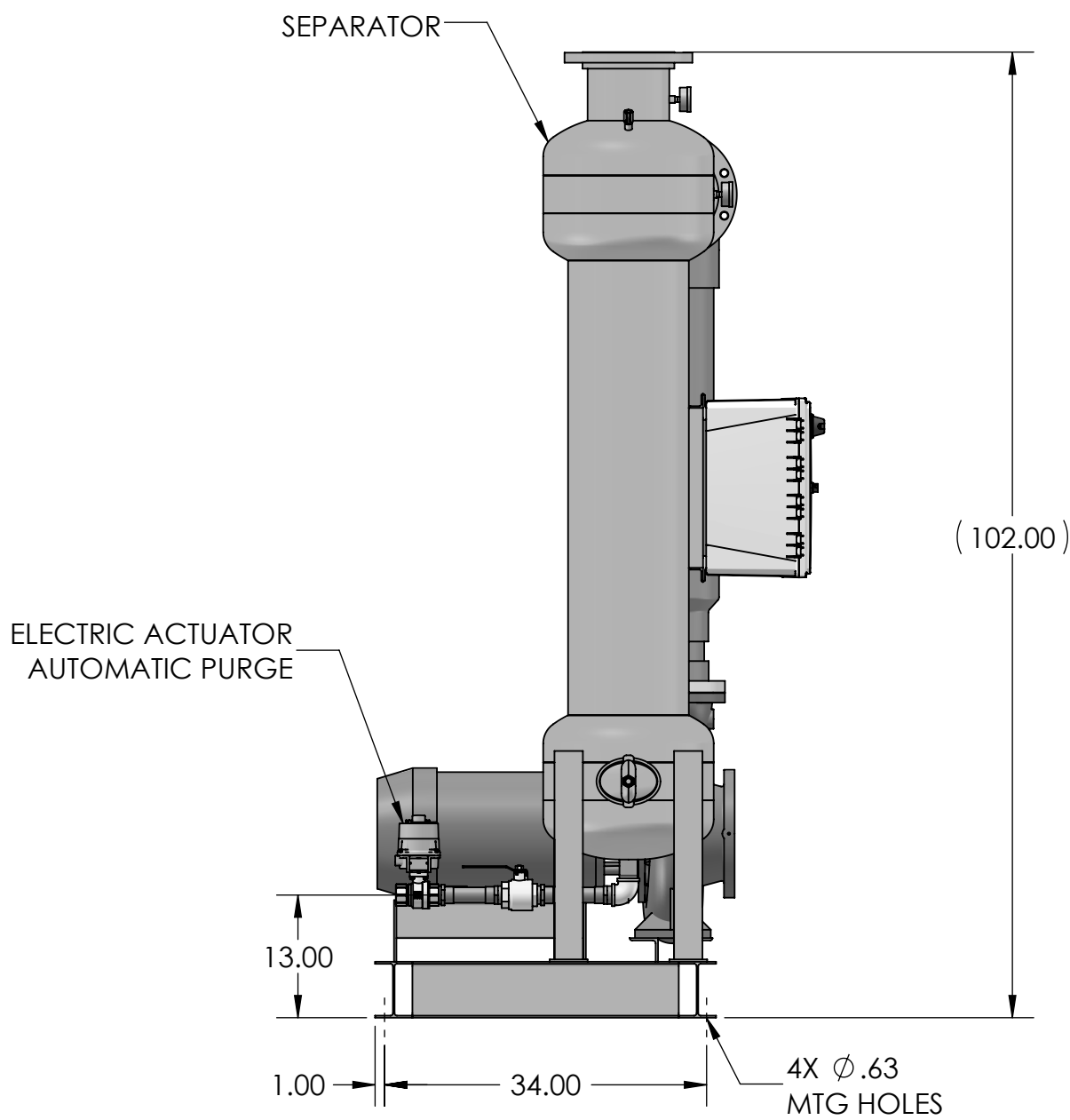
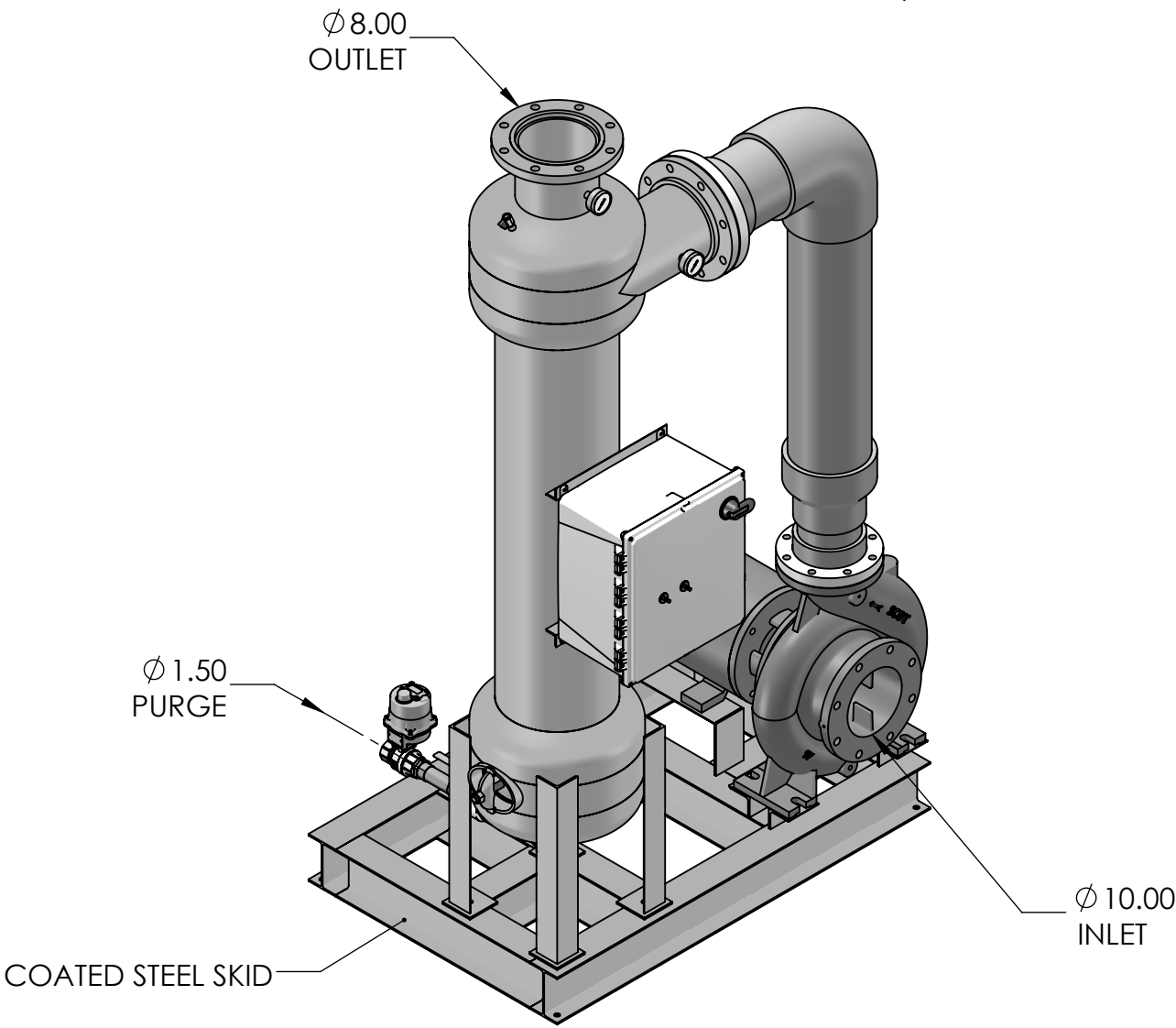
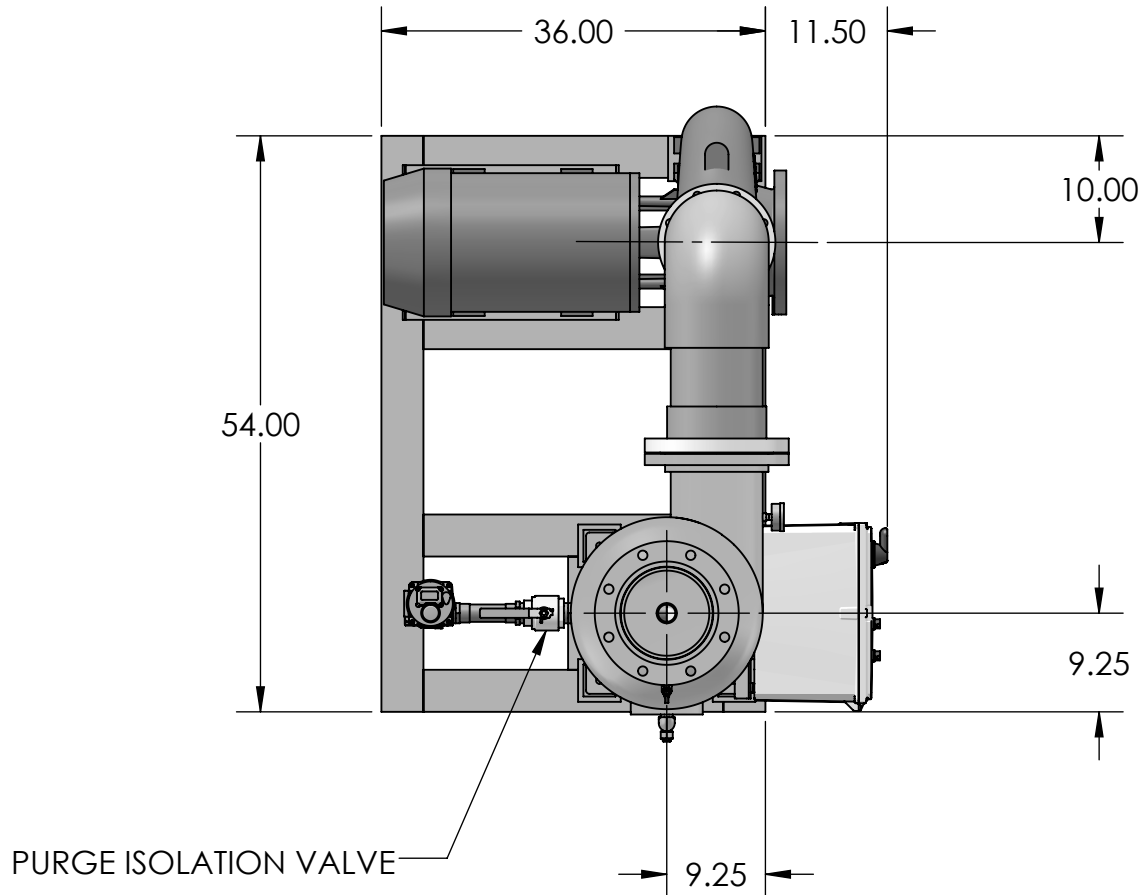
- UL labeled control panel
- Door disconnect switch
- Motor starter with Short-circuit and overload protection
- Local/Off/Remote Switch
- Dry Contact Signals for Pump Status/Trip


### Automatic Purge :

- Electrically actuated ball valve
- Adjustable purge timer
- Purge Isolation Valve

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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
-			



PROPRIETARY AND CONFIDENTIAL		PF-64-080-AP SEPARATOR PACKAGE				 <b>PUROFLUX</b> CORPORATION	
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.		1670 GPM - W/SKID MOUNTED PUMP					
		SIZE	DWG NO.	REV			
		C	641-1300	-			
		DRAWN	RELEASE DATE	SCALE			
		F. LOPEZ	2-27-24	NONE			
		WWW.PUROFLUX.COM		SHEET 1 OF 1			

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1

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

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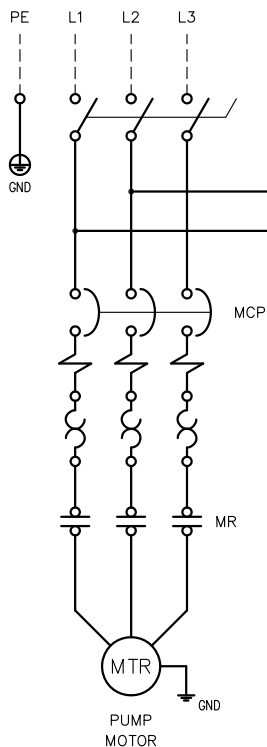
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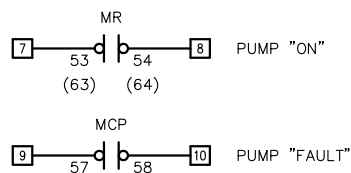
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## POWER SUPPLY

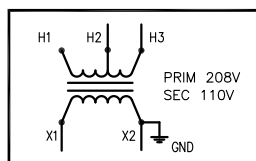
LOCKABLE NON-FUSED  
DISCONNECT SWITCH

## REMOTE DRY CONTACT SIGNALS

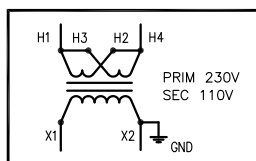


Control panels are built to one specific voltage and may not be field modified to achieve alternate voltages listed below.

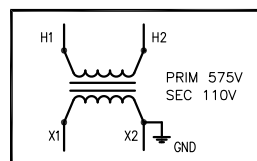
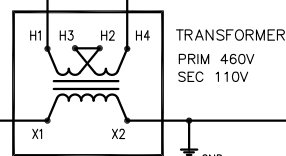
ALTERNATE - 208V



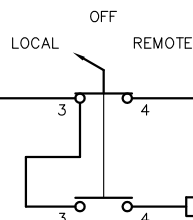
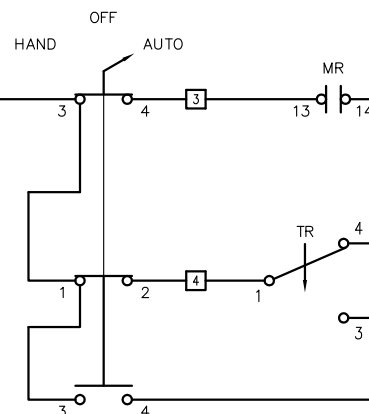
ALTERNATE - 230V



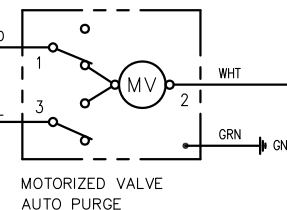
ALTERNATE - 575V

PRIMARY  
FUSESSECONDARY  
FUSETRANSFORMER  
PRIM 460V  
SEC 110V

GND

PUMP  
SELECTOR  
SWITCHCUSTOMER CONTACT  
REMOTE STOP/STARTPURGE  
SELECTOR  
SWITCHMCP TRIP  
65 66

A1

MOTOR  
RELAYTIMER  
RELAYMOTORIZED VALVE  
AUTO PURGEPUMP MOTOR  
FULL LOAD AMPS ( 3Ø, 60Hz )

MOTOR HP	208 VOLTS	230 VOLTS	460 VOLTS	575 VOLTS
1	3.22	2.8	1.4	1.12
2	6.44	5.6	2.8	2.24
3	9.59	8.34	4.17	3.34
5	15.5	13.5	5.76	5.41
7.5	22.4	19.5	9.79	7.81
10	29.2	25.4	12.7	10.1
15	45.1	39.2	19.6	15.7
20	58.9	51.2	25.6	20.5
25	74.5	64.8	32.4	25.9
30	86.9	75.6	37.8	30.2
40	116.0	101.0	50.4	40.3
50	143	130	65	52

FULL LOAD CURRENTS LISTED ABOVE ARE "AVERAGE VALUES"  
FOR HORSEPOWER RATED MOTORS OF SEVERAL MANUFACTURERS.THE RATED FULL LOAD CURRENT SHOWN ON THE MOTOR  
NAMEPLATE MAY VARY BY MANUFACTURER.

## NOTES

NOTES: UNLESS OTHERWISE SPECIFIED

1. BRANCH CIRCUIT PROTECTION SUPPLIED BY OTHERS
2. PANEL U.L. LISTED AND LABELED
3. DASHED LINES INDICATE FIELD WIRING
4. SWITCH OPERATION  
"LOCAL" - REMOTE STOP/START OVERRIDE  
"OFF" - FILTER "OFF"  
"AUTO" - FILTER ON/OFF VIA REMOTE STOP/STOP

## ACTUATOR WARNING !!!!

If the valve does not open or close fully adjust actuator using the  
instructions provided in the Operations & Maintenance manual.

## CAUTION - RISK OF ELECTRICAL SHOCK

More than one disconnect switch may be required to  
de-energize the equipment before servicing.

## WARNING - RISK OF FIRE OR ELECTRIC SHOCK

The opening of the branch circuit protective device may be an indication  
that a fault current has been interrupted. All current carrying parts  
and other components protected by this device should be examined  
and replaced if damaged. If burnout of a current element of an  
overload relay occurs, the complete overload relay must be replaced.PROPRIETARY  
AND CONFIDENTIALTHE INFORMATION CONTAINED  
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A WHOLE WITHOUT THE WRITTEN  
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IS STRICTLY PROHIBITED.U.L. CONTROL PANEL : PF-64 SERIES  
AUTO PURGE PANEL WITH PUMP HOA

SIZE C	DWG NO. UL2-1913	REV C
DRAWN K. CARTER	RELEASE DATE 6-03-16	SCALE NONE



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SHEET 1 OF 1