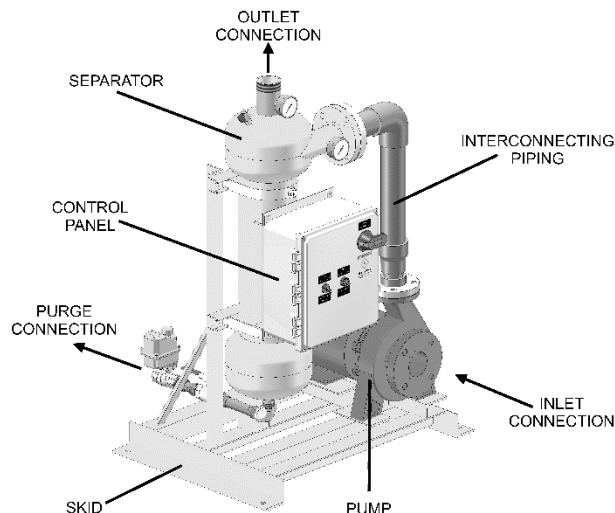


PF-64-020-AP PUMP PACKAGE SYSTEM SPECIFICATION SHEET



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-64-020-AP
Flow Rate	110 GPM
System Inlet Connection	3" flange
System Outlet Connection	2" mpt
Purge Connection	1" fpt
Separator Model	PF-61-020
Separator Purge	Automatic
Pump Motor	5 HP
Volume	7 GAL
Est. Weight, Dry	380 lbs
Est. Weight, Operating	437 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 :

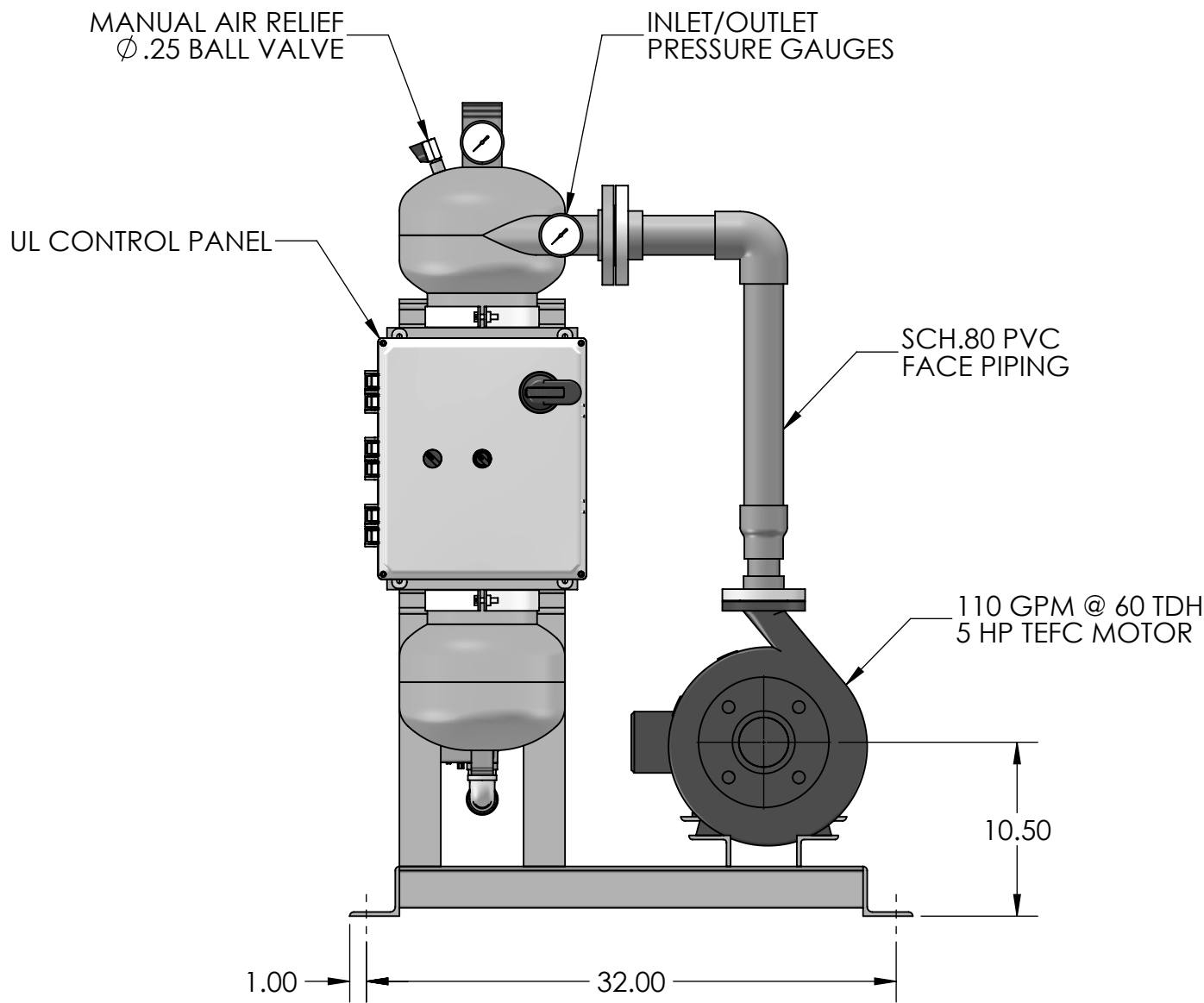
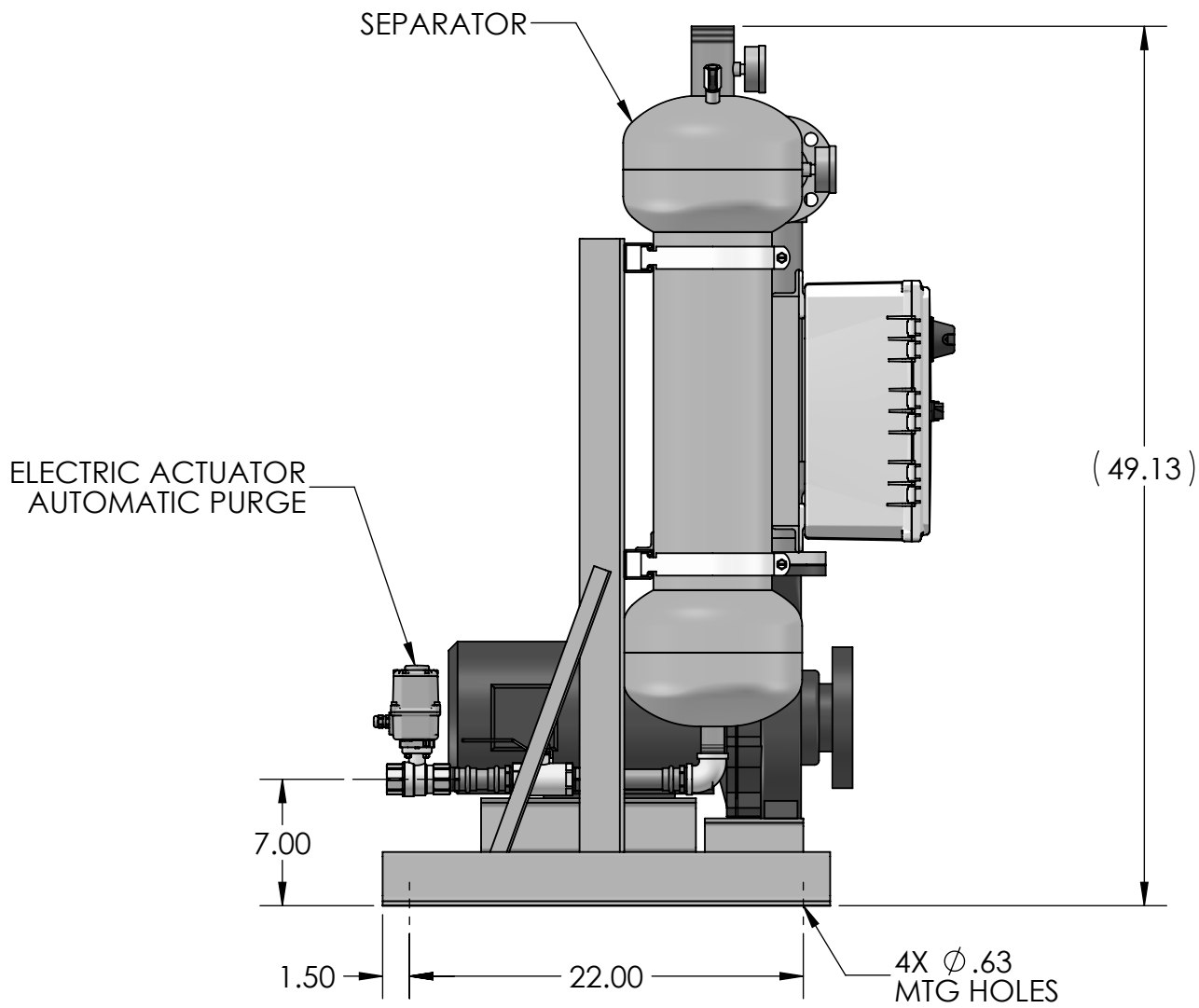
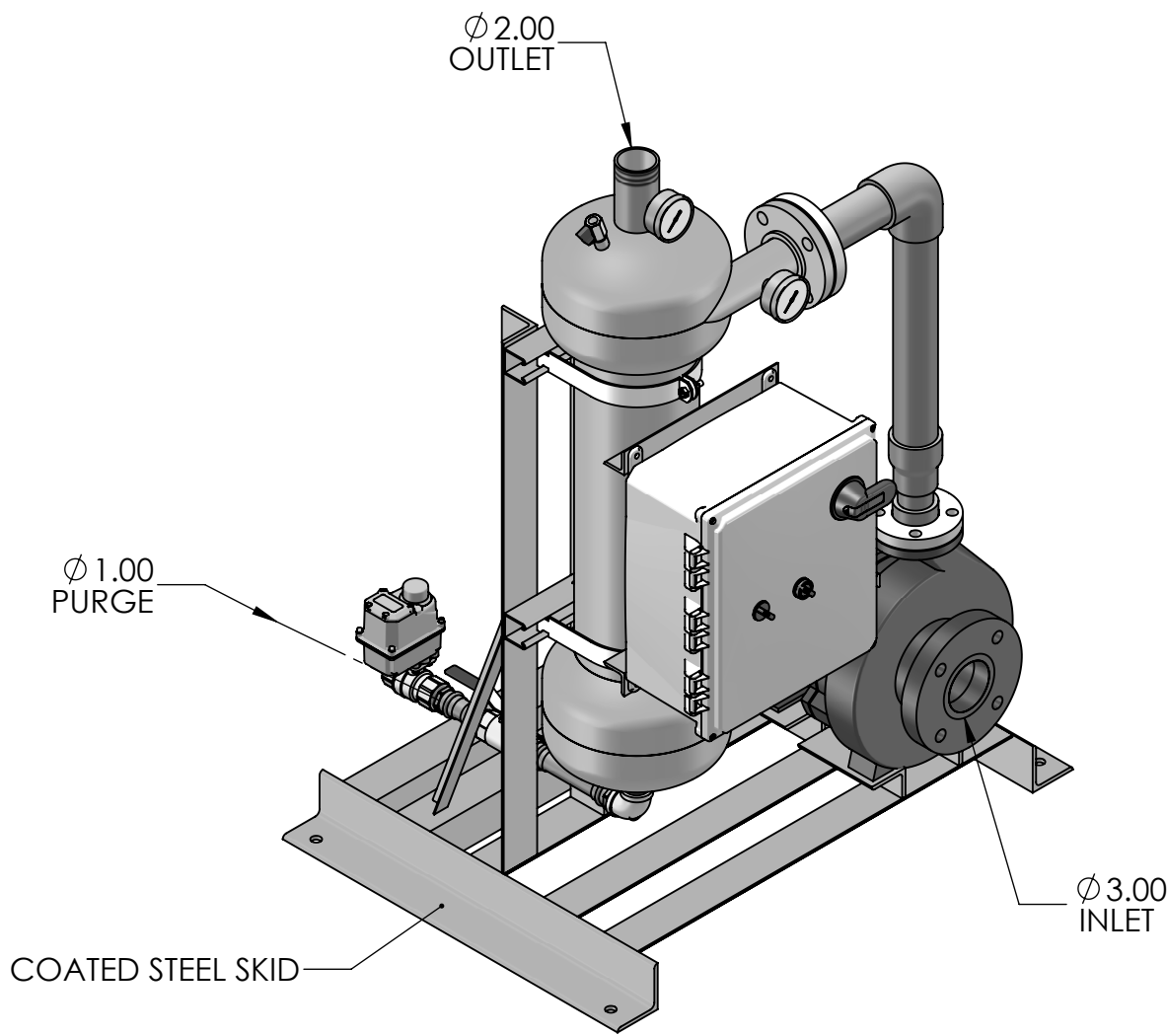
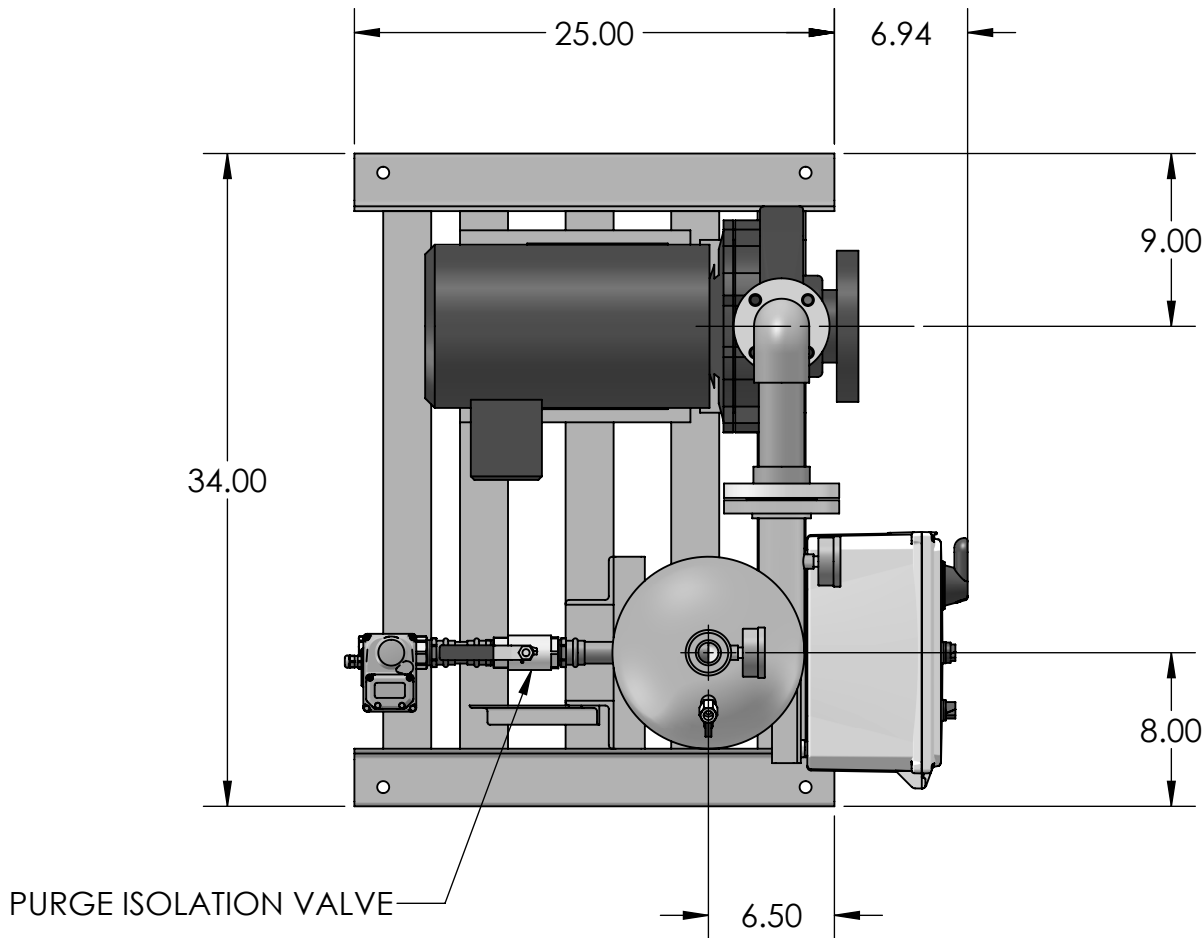
- UL labeled control panel
- Door disconnect switch
- Motor starter with Short-circuit and overload protection
- Local/Off/Remote Switch
- Dry Contact Signals for Pump Status/Trip


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-64-020-AP SEPARATOR PACKAGE				 PUROFLUX 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.		110 GPM - WITH SKID MOUNTED PUMP					
		SIZE	DWG NO.	REV			
		C	641-1292	-			
		DRAWN	RELEASE DATE	SCALE			
		F. LOPEZ	2-26-24	NONE			
		WWW.PUROFLUX.COM		SHEET 1 OF 1			

4

3

2

1

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

PUMP 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.

D

D

C

C

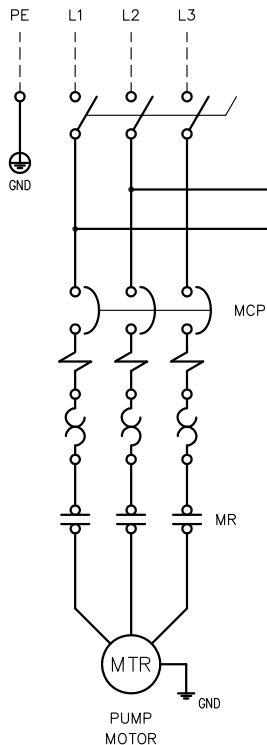
B

B

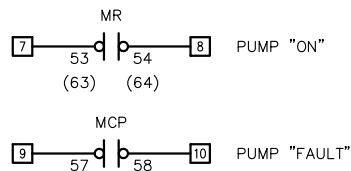
A

A

POWER SUPPLY

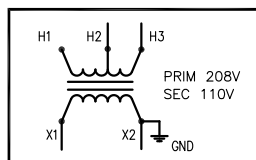
LOCKABLE NON-FUSED
DISCONNECT SWITCH

REMOTE DRY CONTACT SIGNALS

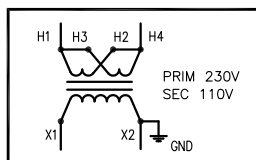


Control panels are built to one specific voltage and may not be field modified to achieve alternate voltages listed below.

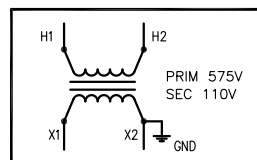
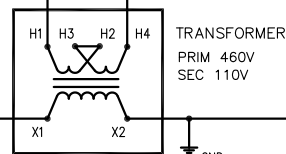
ALTERNATE - 208V



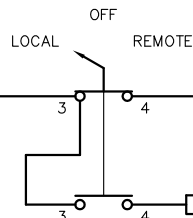
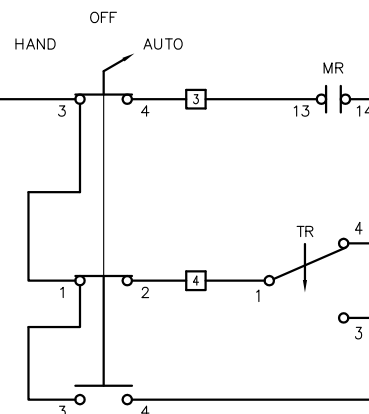
ALTERNATE - 230V



ALTERNATE - 575V

PRIMARY
FUSESSECONDARY
FUSETRANSFORMER
PRIM 460V
SEC 110V

GND

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

A1

MR

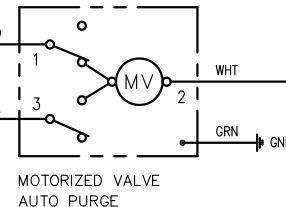
A2

MOTOR
RELAY

2

TR

7

TIMER
RELAYMOTORIZED VALVE
AUTO PURGE

PROPRIETARY AND CONFIDENTIAL		U.L. CONTROL PANEL : PF-64 SERIES	
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SIZE C	DWG NO. UL2-1913	REV C	
DRAWN K. CARTER	RELEASE DATE 6-03-16	SCALE NONE	



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