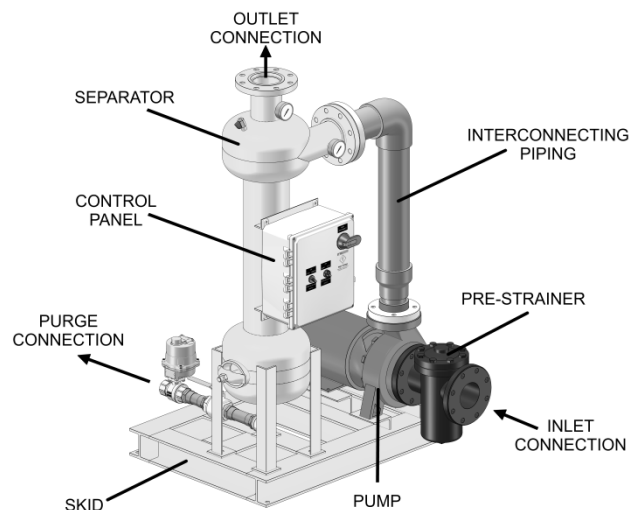


## PF-64-060(A)-AP PUMP PACKAGE SYSTEM SPECIFICATION SHEET



### 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-64-060(A)-AP |
|--------------------------|-----------------|
| Flow Rate                | 900 GPM         |
| System Inlet Connection  | 6" flange       |
| System Outlet Connection | 6" flange       |
| Purge Connection         | 1-1/2" fpt      |
| Separator Model          | PF-61-060       |
| Separator Purge          | Automatic       |
| Pump Motor               | 20 HP           |
| Volume                   | 40 GAL          |
| Est. Weight, Dry         | 1400 lbs        |
| Est. Weight, Operating   | 1732 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
- Cast iron pre-strainer

### Skid :

- Fusion-bond polyester coated carbon steel

### Interconnecting Pipe :

- Sch.80 PVC piping

### Electrical Controls :

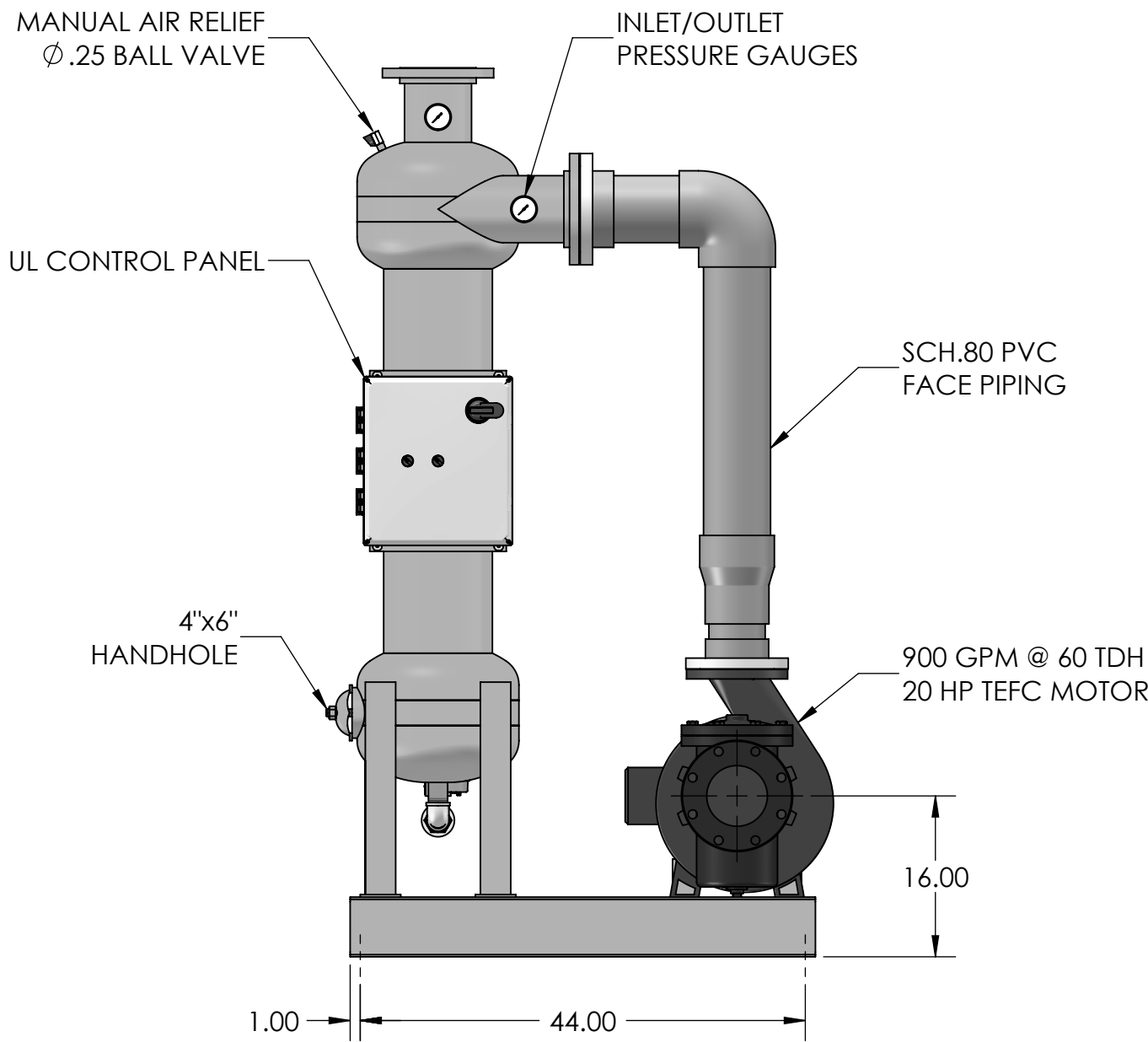
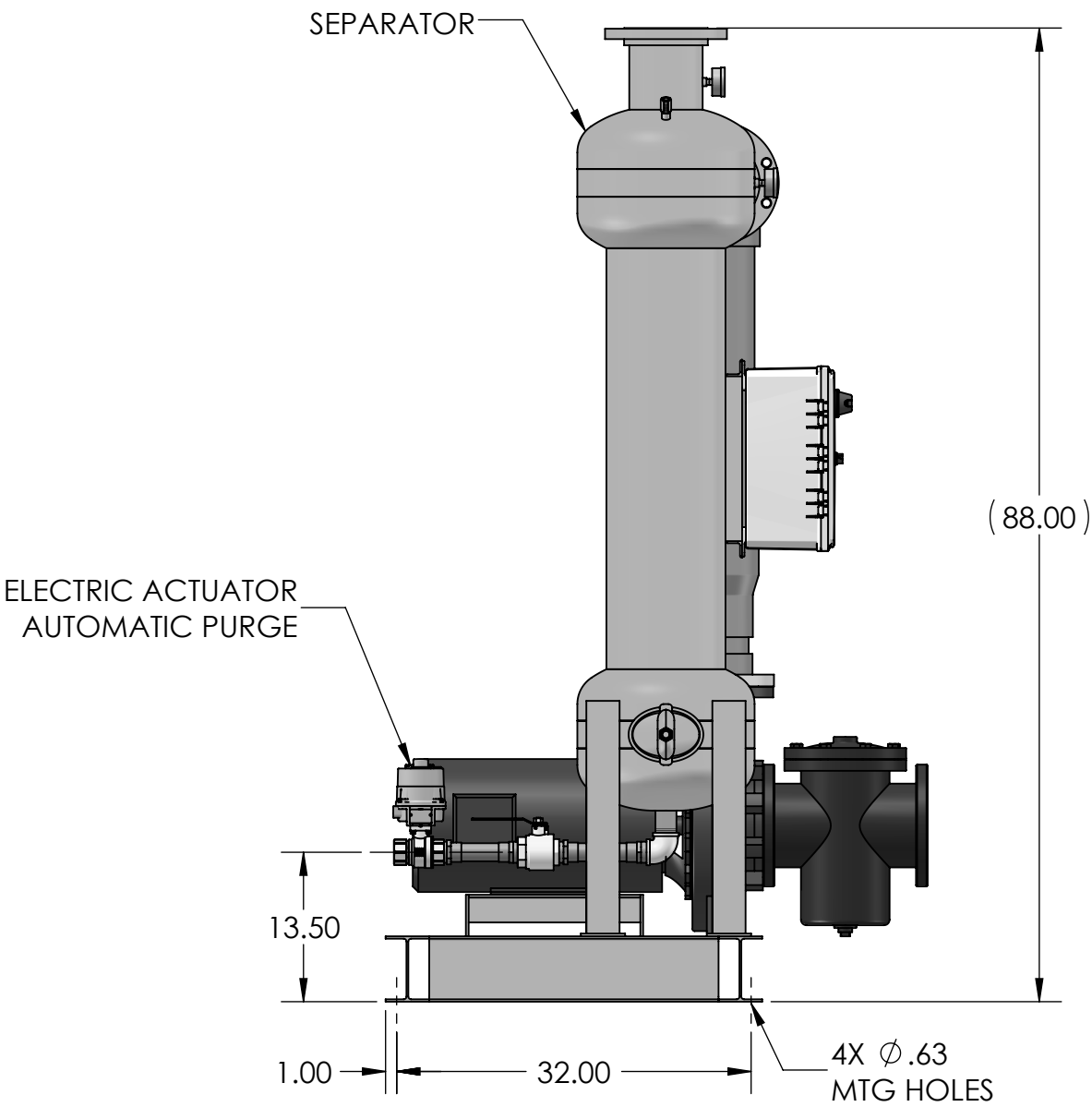
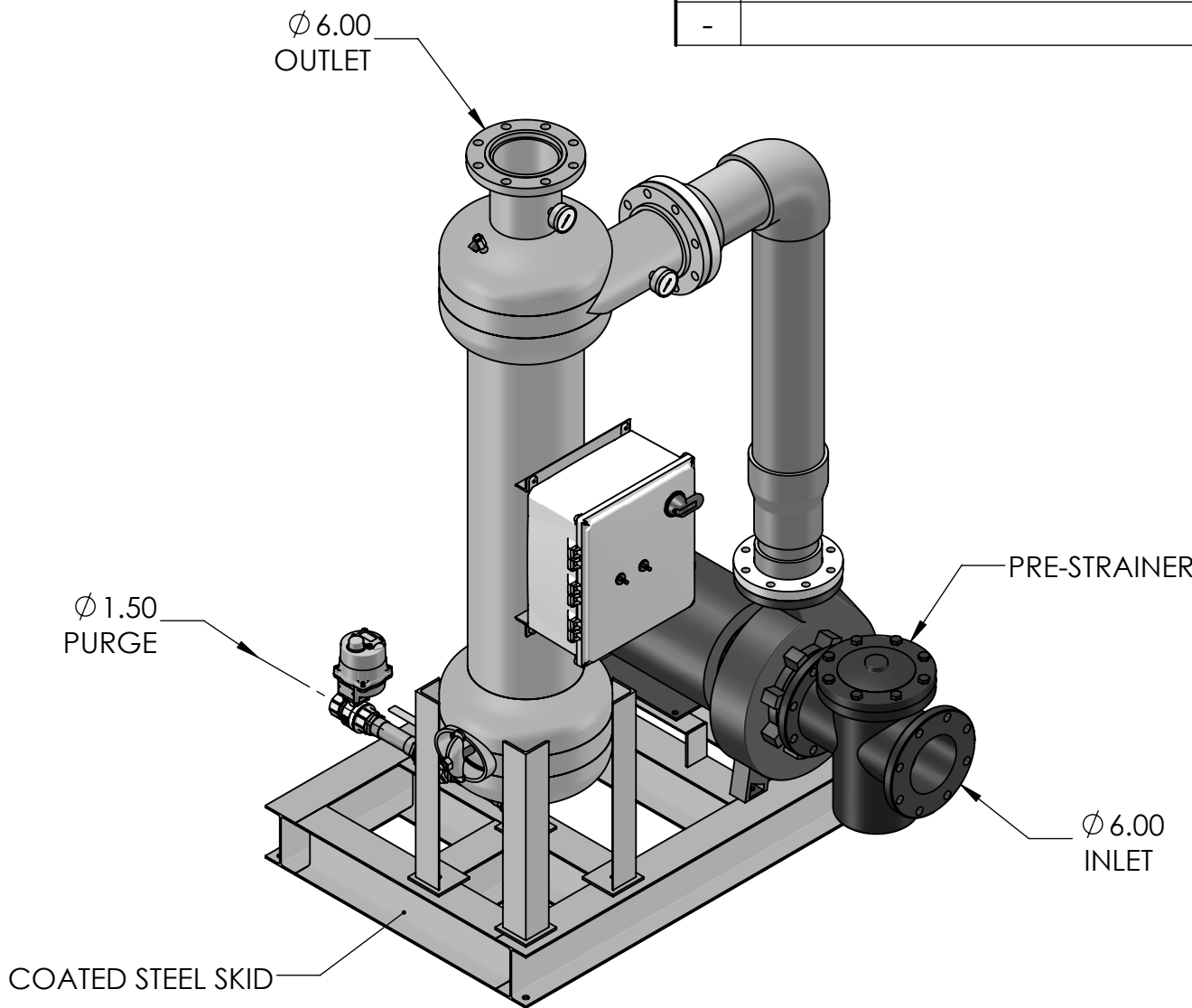
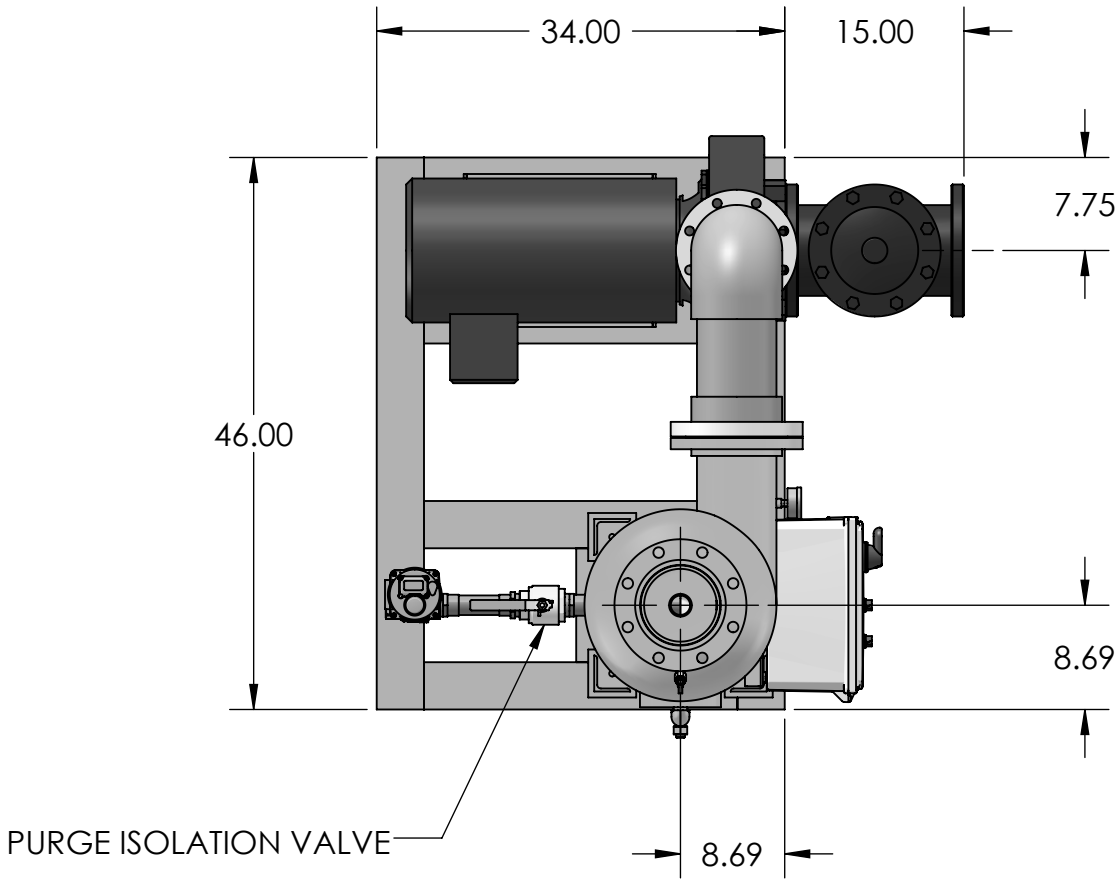
- UL labeled control panel
- Door disconnect switch
- Motor starter with Short-circuit and overload protection
- Local/Off/Remote Switch
- Dry Contact Signals for Pump Status/Trip


### 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-64-060(A)-AP SEPARATOR PACKAGE |              |              |  |  <b>PUROFLUX</b><br>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. |  | 900 GPM - WITH SKID MOUNTED PUMP  |              |              |  |  |  |
|  |  | SIZE                              | DWG NO.      | REV          |  |  |  |
|  |  | C                                 | 641-1268     | -            |  |  |  |
|  |  | DRAWN                             | RELEASE DATE | SCALE        |  |  |  |
|  |  | F. LOPEZ                          | 11-22-23     | NONE         |  |  |  |
|  |  | WWW.PUROFLUX.COM                  |              | SHEET 1 OF 1 |  |  |  |

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| REVISIONS |             |      |          |
|-----------|-------------|------|----------|
| REV       | DESCRIPTION | DATE | APPROVED |
|           |             |      |          |

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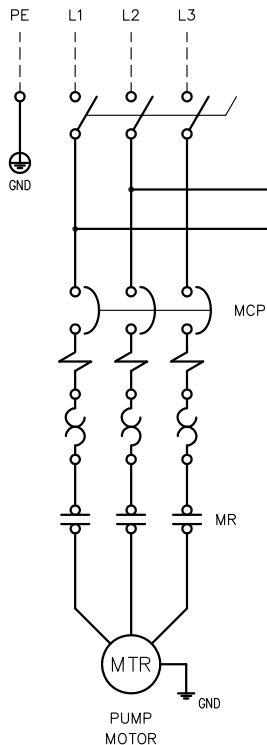
A

| PUMP MOTOR<br>FULL LOAD AMPS ( 3Ø, 60Hz ) |              |              |              |              |
|---|--------------|--------------|--------------|--------------|
| MOTOR<br>HP                               | 208<br>VOLTS | 230<br>VOLTS | 460<br>VOLTS | 575<br>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           |

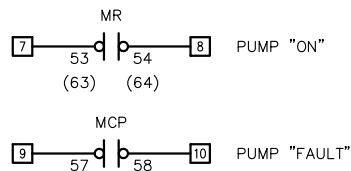
FULL LOAD CURRENTS LISTED ABOVE ARE "AVERAGE VALUES" FOR HORSEPOWER RATED MOTORS OF SEVERAL MANUFACTURERS. THE RATED FULL LOAD CURRENT SHOWN ON THE MOTOR NAMEPLATE MAY VARY BY MANUFACTURER.

| 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. |

## POWER SUPPLY

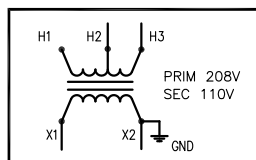
LOCKABLE NON-FUSED  
DISCONNECT SWITCH

## REMOTE DRY CONTACT SIGNALS

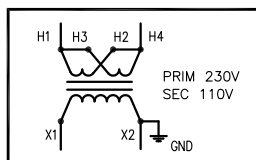


Control panels are built to one specific voltage and may not be field modified to achieve alternate voltages listed below.

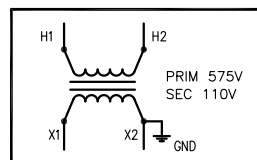
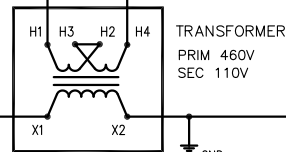
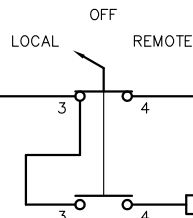
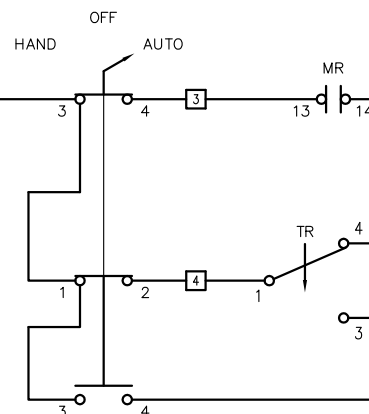
ALTERNATE - 208V



ALTERNATE - 230V



ALTERNATE - 575V

PRIMARY  
FUSESSECONDARY  
FUSETRANSFORMER  
PRIM 460V  
SEC 110VPUMP  
SELECTOR  
SWITCHCUSTOMER CONTACT  
REMOTE STOP/STARTPURGE  
SELECTOR  
SWITCH

MCP TRIP

65 66

A1

MR

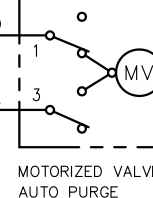
A2

MOTOR  
RELAY

2

TR

7

TIMER  
RELAYMOTORIZED VALVE  
AUTO PURGEPROPRIETARY  
AND CONFIDENTIAL

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U.L. CONTROL PANEL : PF-64 SERIES  
AUTO PURGE PANEL WITH PUMP HOA

SIZE C DWG NO. UL2-1913

DRAWN K. CARTER

RELEASE DATE 6-03-16

SCALE NONE

REV C

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SHEET 1 OF 1