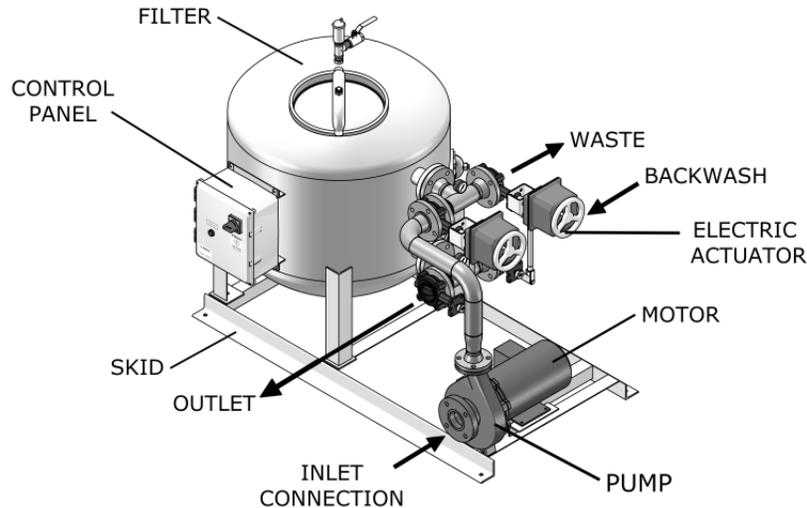


## PF-5042-02-02 SPECIFICATION SHEET CLOSED LOOP PUMP PACKAGE SYSTEM



### Features:

- Removes particulate as low as 5 microns
- 150 psi working pressure
- Fully assembled skid package
- One year limited warranty

### Options:

- Higher pressure ratings
- ASME code stamped vessel

## SYSTEM COMPONENTS

SPECIFICATIONS	PF-5042-02-02
Flow Rate	190 GPM
Filtration Area	9.60 sq ft
Valve Size	3"
System Inlet Connection	3" Flg
System Outlet Connection	2 1/2" Flg
Waste Connection	2 1/2" Flg
Backwash Connection	2 1/2" Flg
Pump Motor	5 HP
Est. Weight, Dry	2420 lbs
Est. Weight, Operating	3130 lbs

### Filter Vessel :

- Non-code carbon steel vessel
- Fusion bonded, polyester coated
- Pressure gauges & manual air vent valve
- Cast iron butterfly valves

### Electrical Controls :

- UL labeled control panel with NEMA 4X Enclosure
- Adjustable solid state timer
- Short circuit and Motor overload protection
- Electric actuators

### Pump :

- Close coupled, end suction centrifugal pump
- TEFC motor

### Backwash Controls :

- 24 Hour time clock
- Manual push button

### Skid :

- Fusion-bond polyester coated carbon steel

### Interconnecting Pipe :

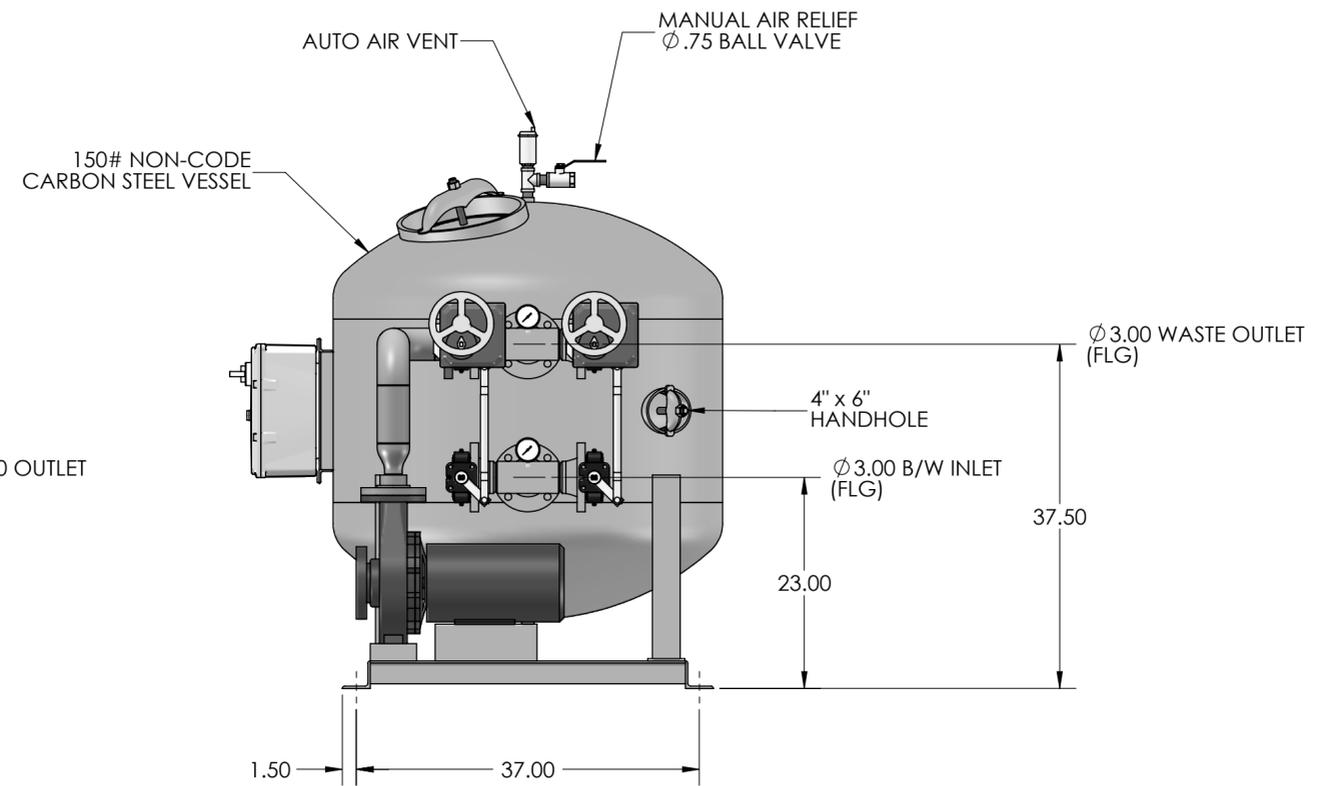
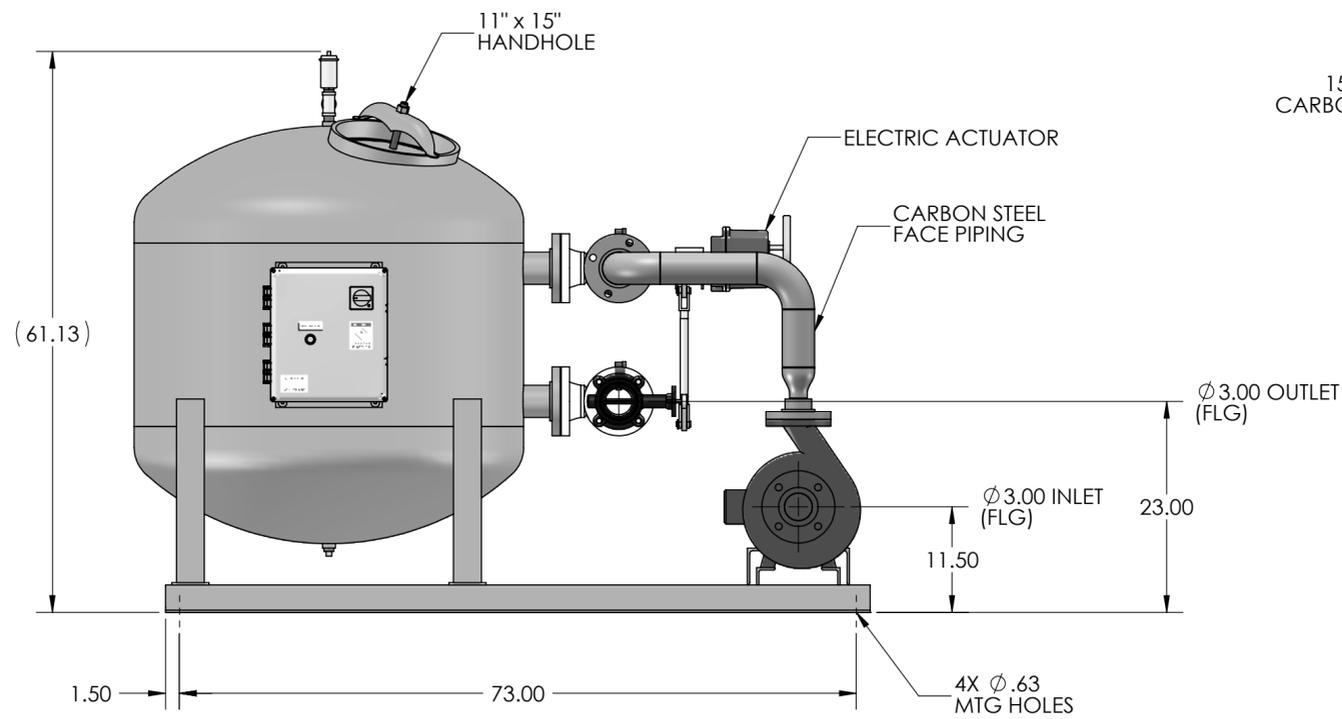
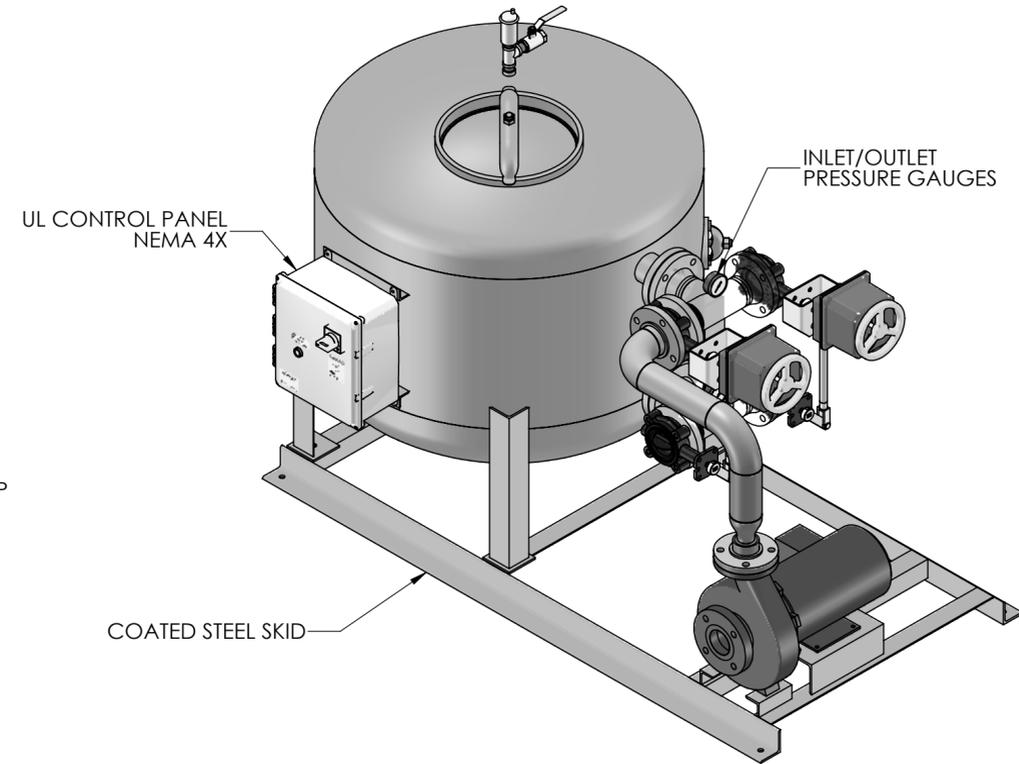
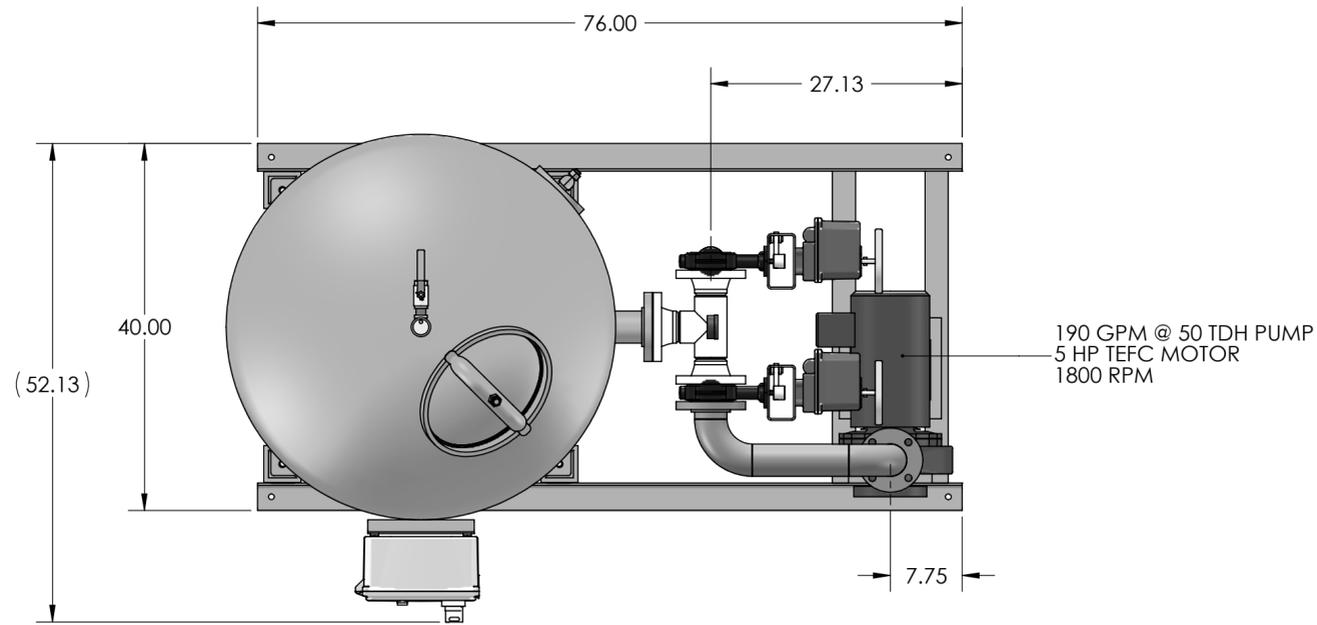
- Sch.40 Carbon steel piping

\*Shipping weight includes media

NOTES: UNLESS OTHERWISE SPECIFIED

1. DIMENSIONS ARE IN INCHES
2. DIMENSIONS MAY VARY SLIGHTLY - DO NOT USE FOR CONSTRUCTION
3. FILTER SYSTEM RATED @ 150 PSI (WORKING)

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
-			



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	SIZE DWG NO. <b>C</b> 501-0017	REV -	
DRAWN C. NIELSEN	RELEASE DATE 7-25-16	SCALE NONE	SHEET 1 OF 1

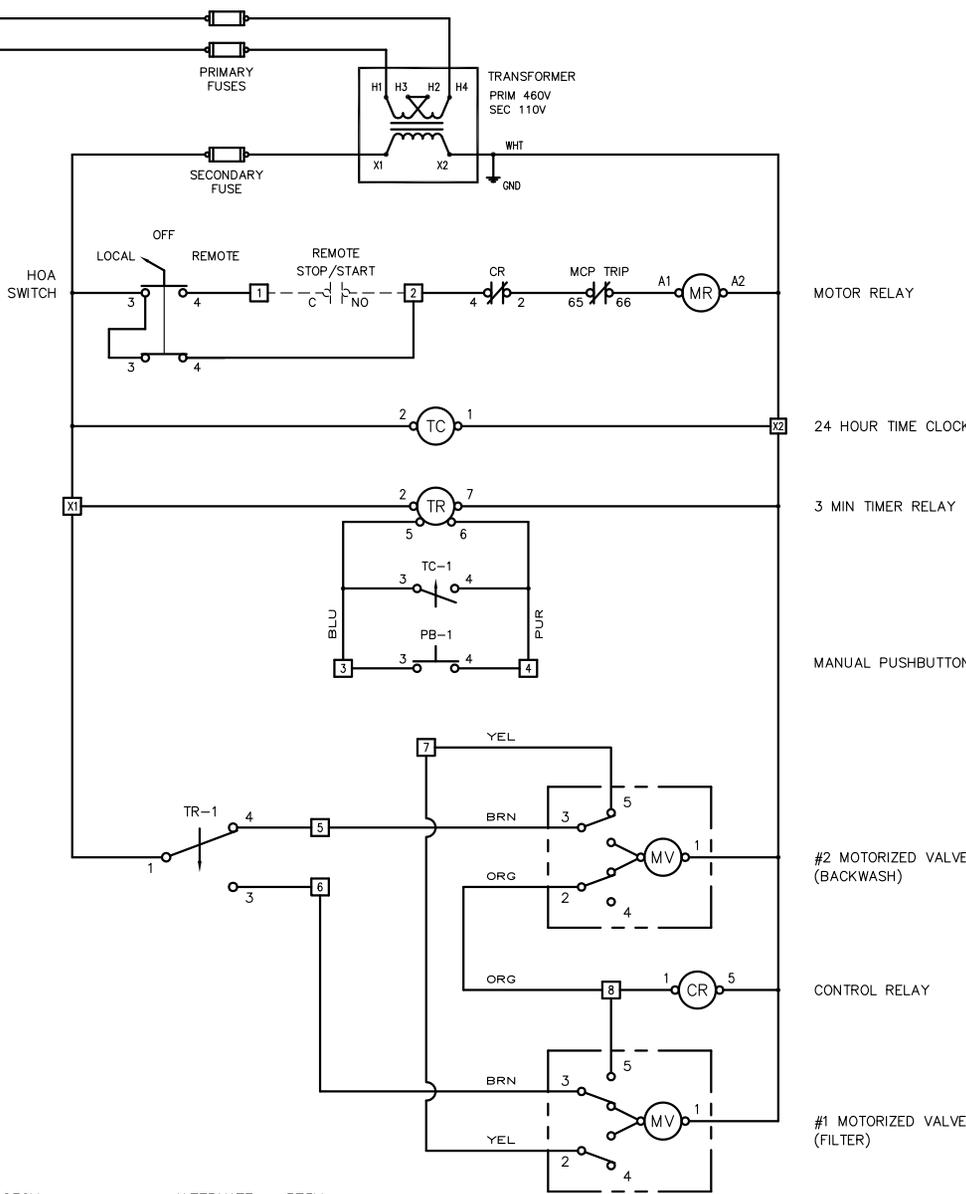
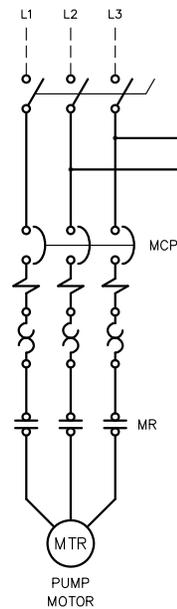
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POWER SUPPLY  
LOCKABLE NON-FUSED  
DISCONNECT SWITCH



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
1.5	5.01	4.36	2.18	1.94
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

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

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

**WARNING**

If an overload or fault current interruption occurs, circuits must be checked to determine the cause of the interruption. If a fault condition exists, the current carrying components should be examined and replaced if damaged, and the integral current sensors must be replaced to reduce the risk of fire or electric shock.

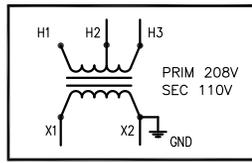
**CAUTION - RISK OF ELECTRICAL SHOCK**

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

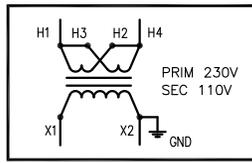
**WARNING - RISK OF FIRE OR ELECTRIC SHOCK**

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.

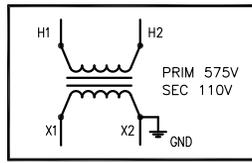
ALTERNATE - 208V



ALTERNATE - 230V



ALTERNATE - 575V



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U.L. CONTROL PANEL : MEDIA FILTER  
 CLOSED LOOP : EXTERNAL BACKWASH

SIZE C DWG NO. UL2-10045  
 DRAWN K. CARTER

**PUROFLUX CORPORATION**  
 WWW.PUROFLUX.COM

SCALE NONE  
 RELEASE DATE 2-15-17  
 SHEET 1 OF 1

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