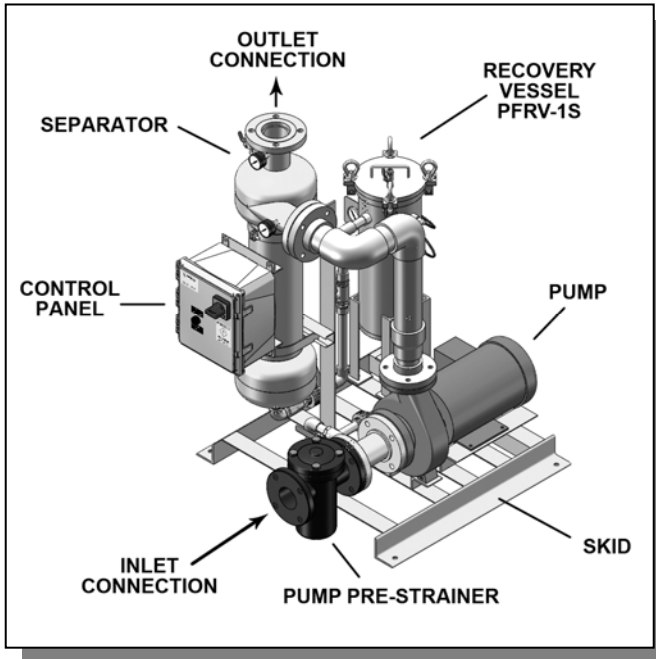




PUROFLUX CORPORATION

ENGINEERING • MANUFACTURING • SERVICE

PF63-030 SPECIFICATION SHEET PACKAGE RECOVERY SYSTEM



SPECIFICATIONS	PF63-030
Flow Rate	220 gpm
Pump Motor	7.5 hp
Inlet Connection	3" flng
Outlet Connection	3" flng
Separator Model	PF61-030
Separator Purge	Continuous
Recovery Vessel Model	PFRV-1S
System Volume	15 gal
Est. Weight, Dry	452 lbs
Est. Weight, Operating	572 lbs

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

- Fully assembled skid package
- One year limited warranty

SYSTEM COMPONENTS

Separator :

- PF61-030 - 3" flanged separator
- Fusion bonded polyester coated vessel
- 1/4" Manual air bleed valve
- Inlet / Outlet pressure gauges

Pump :

- Close coupled, end suction centrifugal pump
- Cast iron pre-strainer w/ removable SST basket
- 3450 rpm, TEFC motor

Skid :

- Fusion bonded polyester coated carbon steel

Recovery Vessel :

- 304 Stainless steel vessel with hinged eye bolt cover
- Stainless steel support basket w/ 25 micron bag
- Pressure differential indicator
- Automatic flow controller & isolation ball valves

Electrical Controls :

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

Interconnecting Pipe :

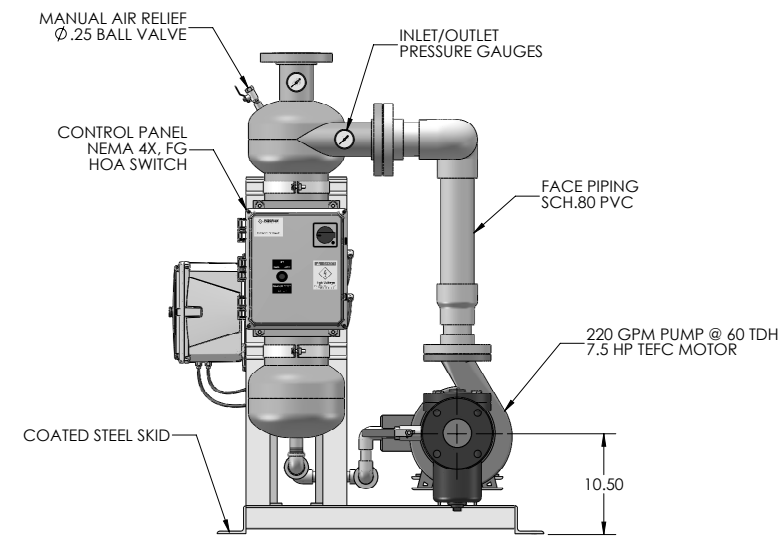
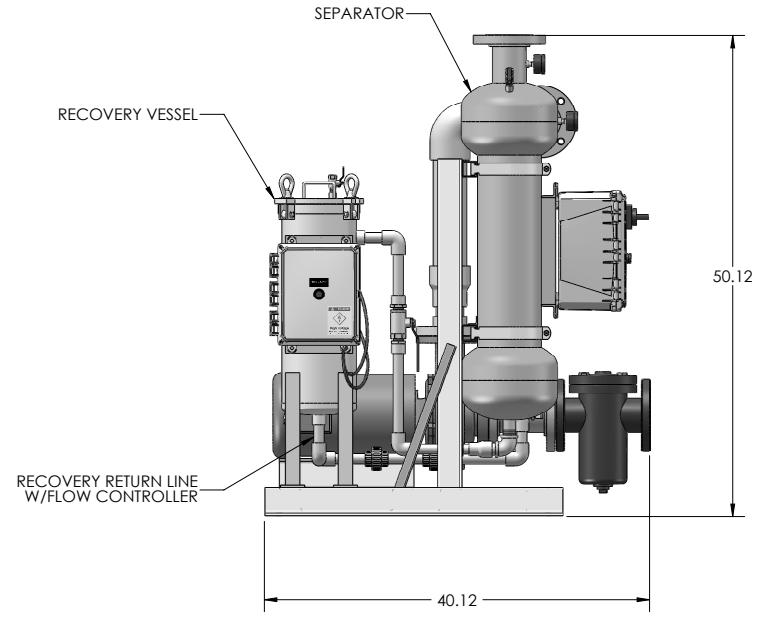
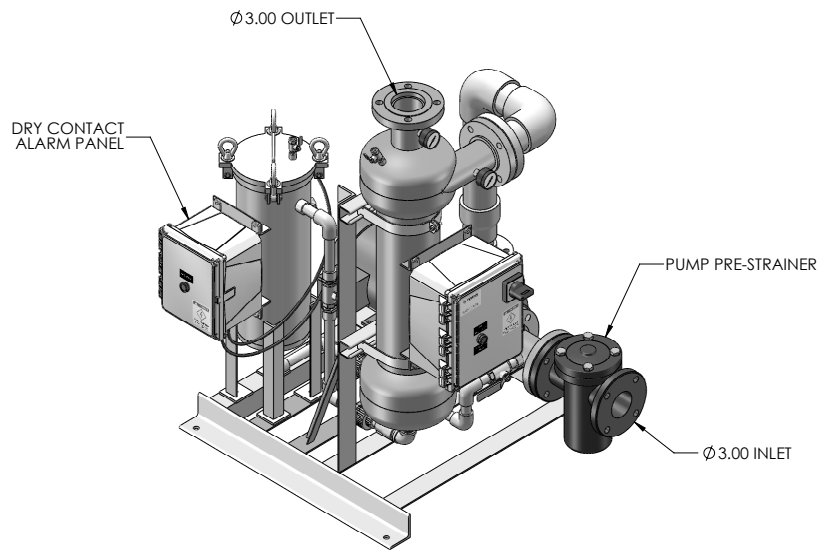
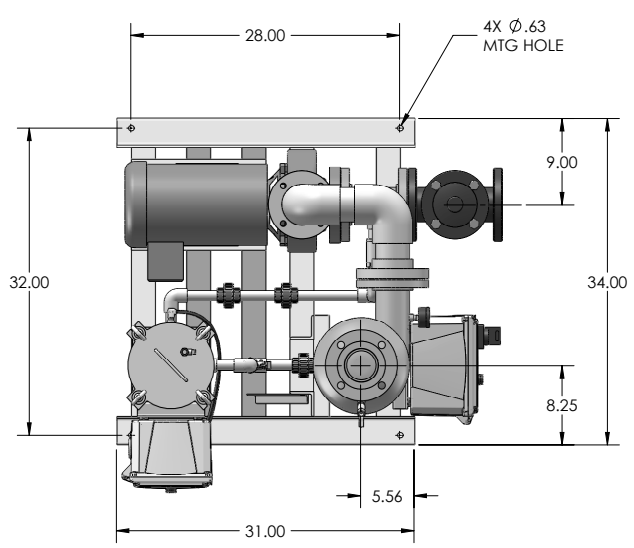
- Sch.80 PVC piping

Options: Dry Contact for Alarm, Auto 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

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
J	CHANGED GPM FROM 200 TO 220	09-28-09	D.L.



PROPRIETARY AND CONFIDENTIAL
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ± INTERPRET GEOMETRIC TOLERANCING PER:	PROJ. NO. DRAWN K. CARTER CHECKED DESIGN APPROVED MFG APPROVED QA APPROVED RELEASE DATE 05-01-03	PF-63-030 SEPARATOR PACKAGE 220 GPM - WITH RECOVERY VESSEL PUROFLUX CORPORATION PHONE: (805) 579-0216 FAX: (805) 579-4005 WEBSITE: www.puroflux.com CAGE CODE DWG NO. 631-0065 REV J
MATERIAL FINISH APPLICATION DO NOT SCALE DRAWING	SCALE NONE	SHEET 1 OF 3

4

3

2

1

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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
B	REVISED CR DESG	06-12-08	K.C.

D

D

C

C

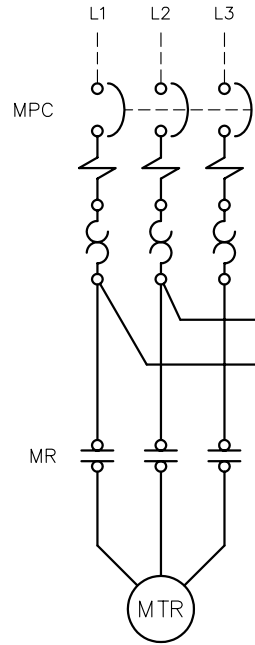
B

B

A

A

460V/3 ϕ /60 Hz



PRIMARY FUSES

SECONDARY FUSE

H1 H3 H2 H4

TRANSFORMER

X1 X2

GND

PUMP SELECTOR SWITCH

OFF HAND AUTO

A1 A2

MOTOR RELAY

CUSTOMER CONTACT

REMOTE STOP/START

PRESSURE DIFFERENTIAL SWITCH

1 5

CONTROL RELAY

X1 X2

INDICATOR LIGHT "BAG DIRTY"

CR

REMOTE DRY CONTACT "BAG DIRTY"

ENCLOSURE LOCATED ON RECOVERY VESSEL

NOTES: UNLESS OTHERWISE SPECIFIED

MATERIAL	UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES DO NOT SCALE THIS DRAWING	PROJ. NO. DRAWN K. CARTER	PF-63 SERIES : 460V/3 ϕ /60 HZ REMOTE STOP/START : PFRV DRY CONTACT
HEAT TREAT	INTERPRET DRAWING PER APPLICABLE STANDARDS	CHECKED	PUROFLUX CORPORATION 1357 KUEHNER DRIVE SIMI VALLEY CA 93063 PHONE: (805) 579-0216 FAX: (805) 579-6005
FINISH	DECIMALS .XX ± - ± - ANGLES ± - SURFACE FINISH .XXX ± -	DESIGN APPROVED	
NEXT ASSEMBLY	THREADS PER NBS HANDBOOK-H28	MFG APPROVED	
APPLICATION	CONCENTRICITIES .010 TR BREAK CORNERS .005-.015 INTERNAL RADII .015-.030	QA APPROVED	
		RELEASE DATE 06-18-04	SIZE C CAGE CODE DWG NO. 632-0045 REV B SCALE NONE SHEET 1 OF 1

4

3

2

1

DWG. NO. 632-0045 SH 1 REV B