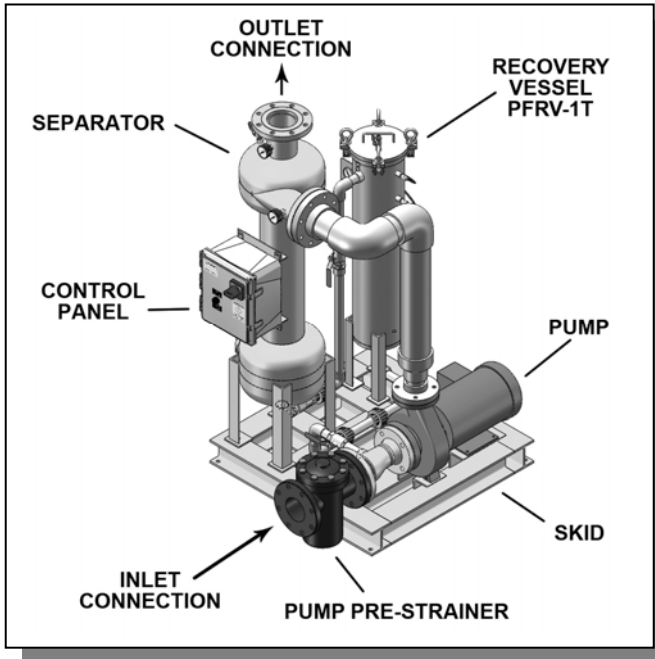




PUROFLUX CORPORATION

ENGINEERING • MANUFACTURING • SERVICE

PF63-050 SPECIFICATION SHEET PACKAGE RECOVERY SYSTEM



SPECIFICATIONS	PF63-050
Flow Rate	600 gpm
Pump Motor	15 hp
Inlet Connection	6" flng
Outlet Connection	5" flng
Separator Model	PF61-050
Separator Purge	Continuous
Recovery Vessel Model	PFRV-1T
System Volume	36 gal
Est. Weight, Dry	1088 lbs
Est. Weight, Operating	1560 lbs

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

- Fully assembled skid package
- One year limited warranty

SYSTEM COMPONENTS

Separator :

- PF61-050 - 5" 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
- 1750 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 :

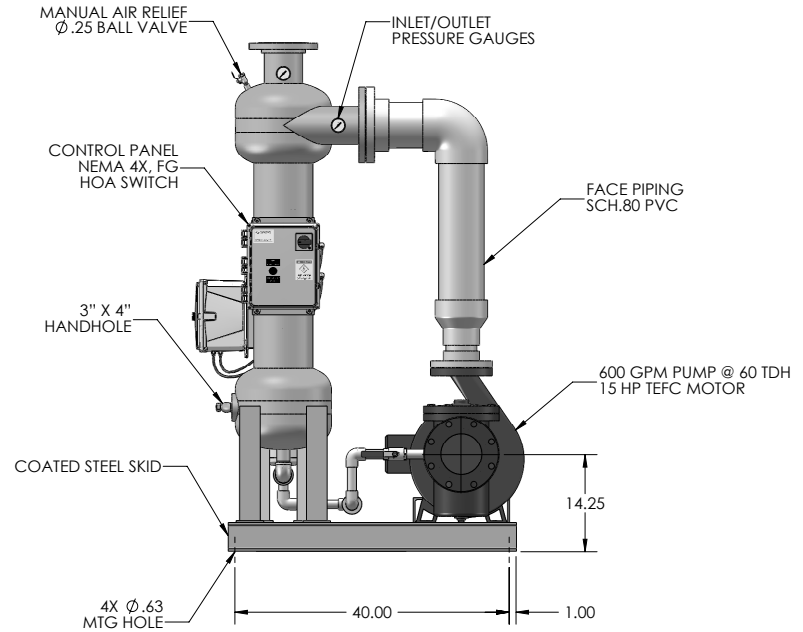
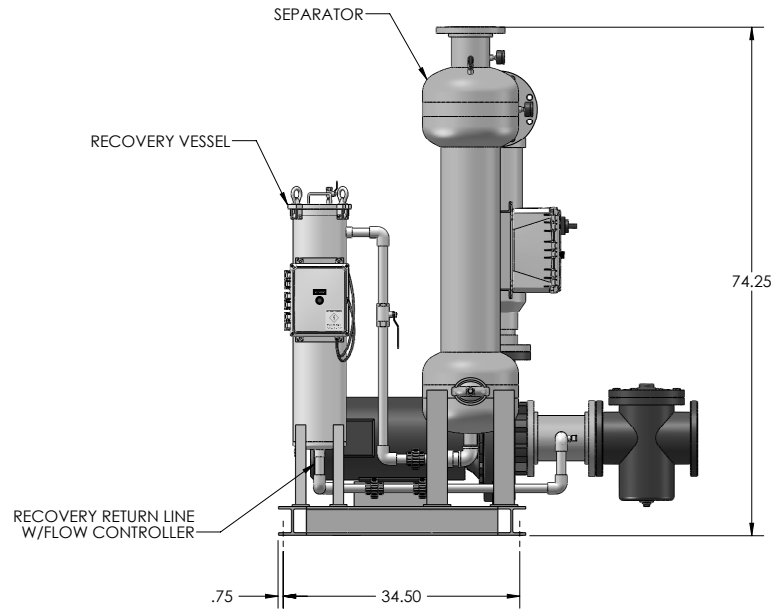
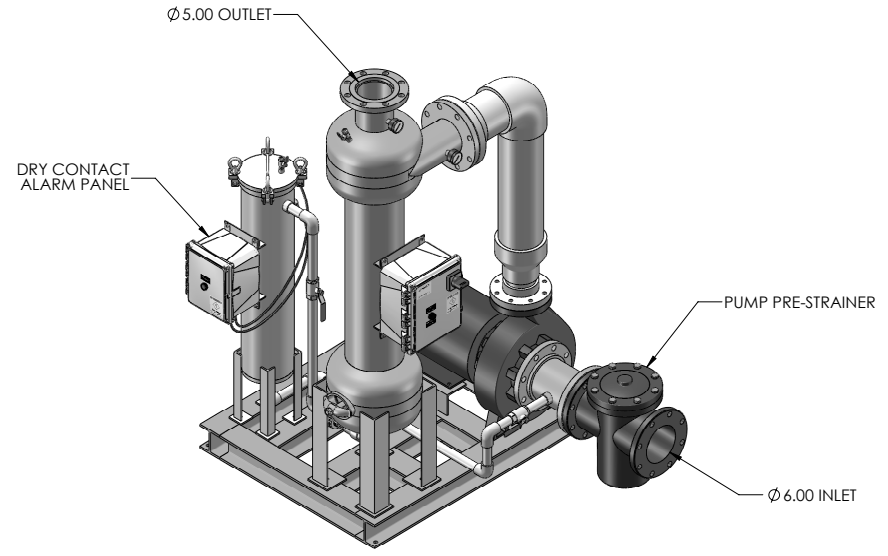
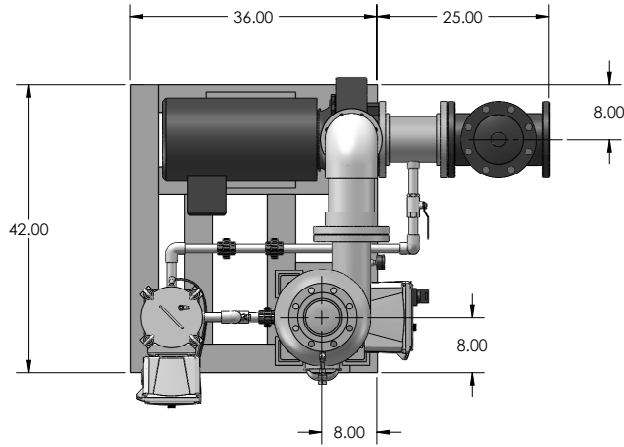
- Sch.80 PVC piping

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 550 TO 600	10-06-09	D.L.



PROPRIETARY AND CONFIDENTIAL 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.	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	PROJ NO. DRAWN K. CARTER	PF-63-050 SEPARATOR PACKAGE 600 GPM - WITH RECOVERY VESSEL	
	INTERPRET GEOMETRIC TOLERANCING PER:	CHECKED	PHONE: (805) 579-0216 FAX: (805) 579-4005 WEBSITE: www.puroflux.com	
	MATERIAL	DESIGN APPROVED	SIZE C CAGE CODE DWG NO. 631-0015 REV J	
	FINISH	MFG APPROVED	SCALE NONE	SHEET 1 OF 3
	APPLICATION DO NOT SCALE DRAWING	QA APPROVED	RELEASE DATE 09-07-06	

4

3

2

1

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

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C

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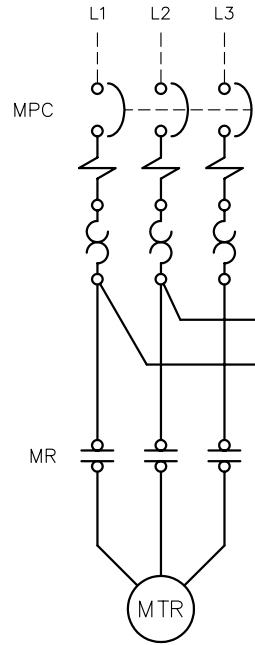
B

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

CONTROL RELAY

INDICATOR LIGHT "BAG DIRTY"

CR

REMOTE DRY CONTACT "BAG DIRTY"

ENCLOSURE LOCATED ON RECOVERY VESSEL

NOTES: UNLESS OTHERWISE SPECIFIED

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

DWG. NO. 632-0045 SH 1 REV B