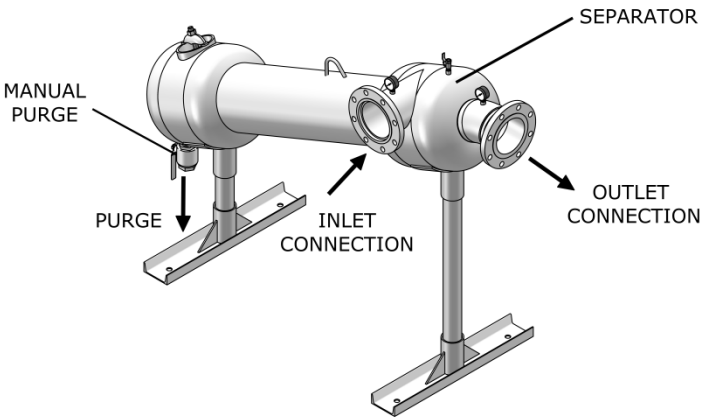
PUROFLUX CORPORATION

ENGINEERING • MANUFACTURING • SERVICE

PF-65-060 SPECIFICATION SHEET
FLANGED SEPARATOR



Features:

- True tangential entry
- 150 psi working pressure
- Five year limited warranty
- Electrically actuated ball valve
- 22 1/2° Profile vessel

Options:

- Automatic purge
- Isolation valve kit
- Wall mounting brackets/legs
- Inspection port

SYSTEM COMPONENTS

Separator :

- Carbon steel construction
- Fusion-bond polyester coated vessel
- Manual air bleed valve
- Inlet/Outlet pressure gauges

Electrical Controls :

- NEMA 4X Enclosure
- Short circuit protection
- Purge switch selector
- Adjustable purge timer

SPECIFICATIONS	PF-65-060
Flow Range	620-1245 GPM
System Inlet Connection	6” Flg
System Outlet Connection	6" Flg
Purge Connection	1 1/2" fpt
Manual Air Bleed Valve	1/4" fpt
Volume	32 GAL
Est. Weight, Dry	410 lbs
Est. Weight, Operating	675 lbs
Handhole – Inspection/Cleanout	4” x 6”

PRESSURE DROP vs. FLOW RATE							
Pressure Drop	**3 psi**	**4 psi**	**6 psi**	**8 psi**	**10 psi**	**12 psi**	**CV Factor**
Flow (GPM)	622	719	880	1016	1136	1245	359.3

*(Flow rate / CV values may vary slightly

To determine the approximate pressure drop at flow rates not shown in this chart, use the following formula $\Delta P = (\text{FLOW RATE} / CV)^2$

CV Factor: CV is defined as the flow in gallons per minute (GPM) that will produce a one pound pressure drop across the separator

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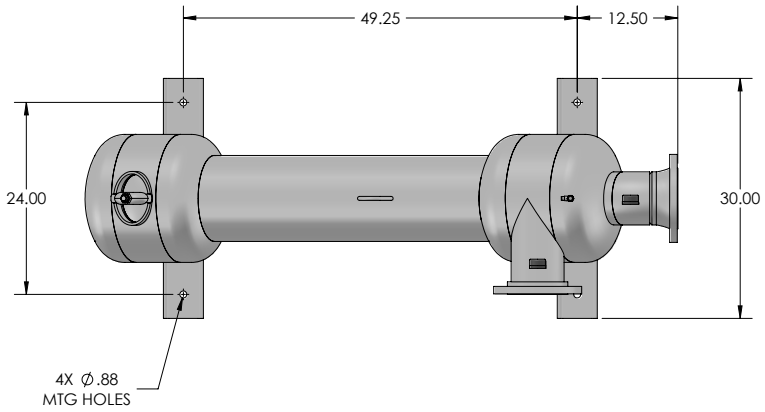
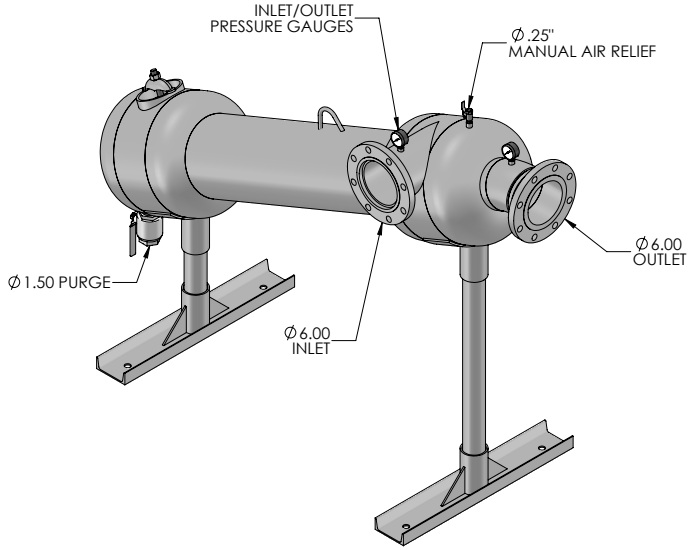
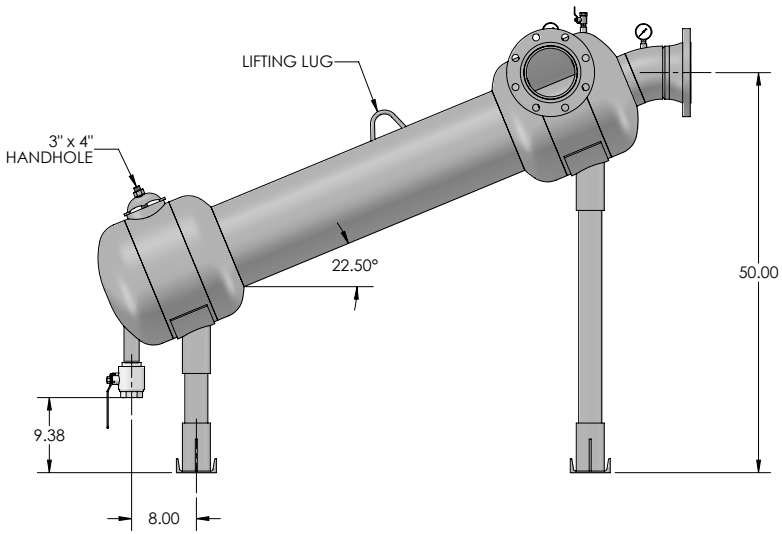
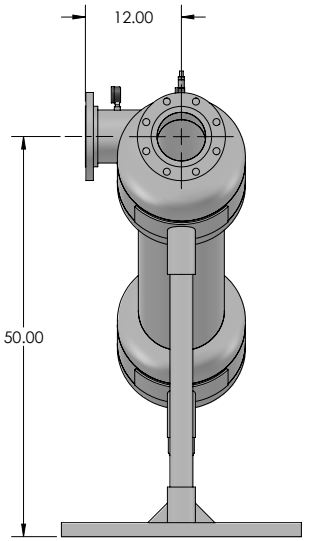
4. OK TO SUBSTITUTE HEAD SLUG FOR ITEM 8
3. LOCATE AIR PORT AT HIGH POINT OF HEAD
2. OUTSIDE WALL OF INLET PIPING TO MEET TANGENT OF SHELL EXTERIOR
1. ALL DIMENSIONS ARE IN INCHES

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
B	UPDATED TO SOLIDWORKS	5-29-15	D.L.









PF-65-060 SEPARATOR
620 - 1245 GPM - 22.5° PROFILE

SIZE	DWG NO.	REV
C	651-0003	B

DRAWN	RELEASE DATE	SCALE
K. CARTER	2-11-02	NONE

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