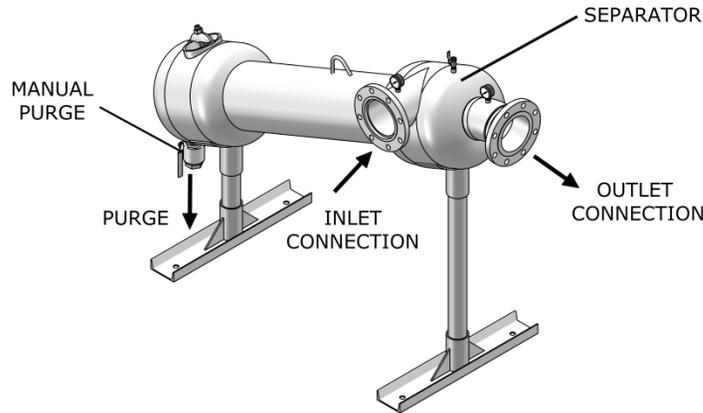


PF-65-040 SPECIFICATION SHEET FLANGED SEPARATOR



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-65-040
Flow Range	220-440 GPM
System Inlet Connection	4" Flg
System Outlet Connection	4" Flg
Purge Connection	1 1/2" fpt
Manual Air Bleed Valve	1/4" fpt
Volume	12 GAL
Est. Weight, Dry	200 lbs
Est. Weight, Operating	300 lbs
Handhole – Inspection/Cleanout	3" x 4"

PRESSURE DROP vs. FLOW RATE							
Pressure Drop	3 psi	4 psi	6 psi	8 psi	10 psi	12 psi	CV Factor
Flow (GPM)	219	253	309	357	399	438	126.3

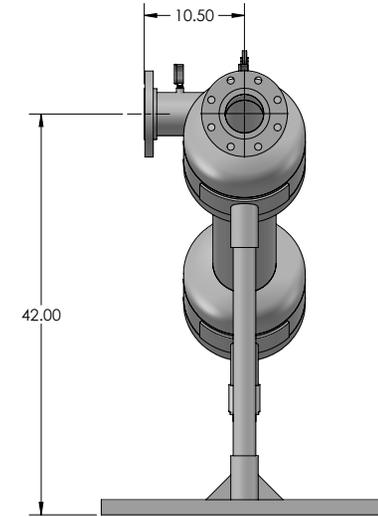
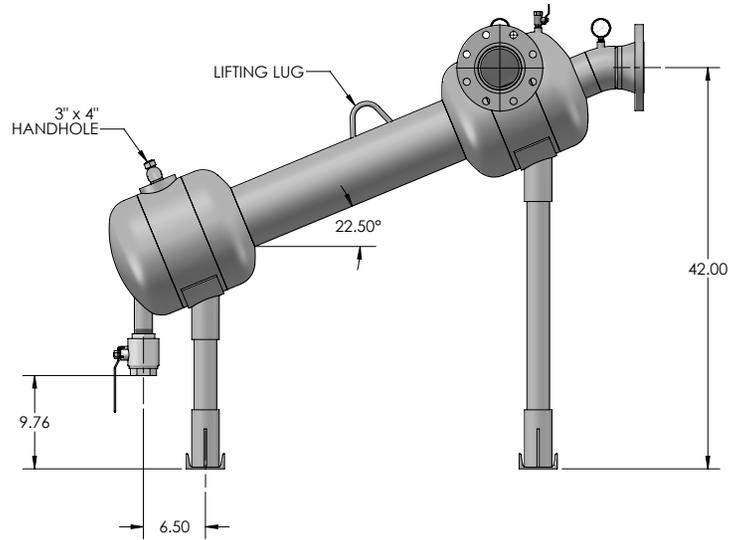
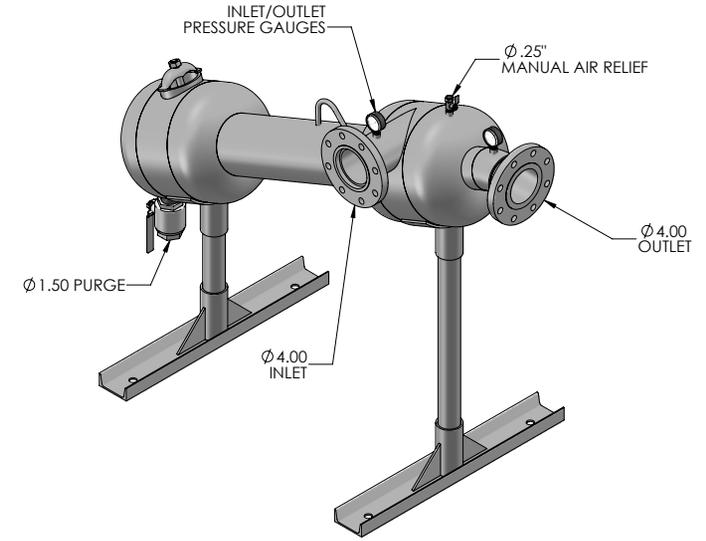
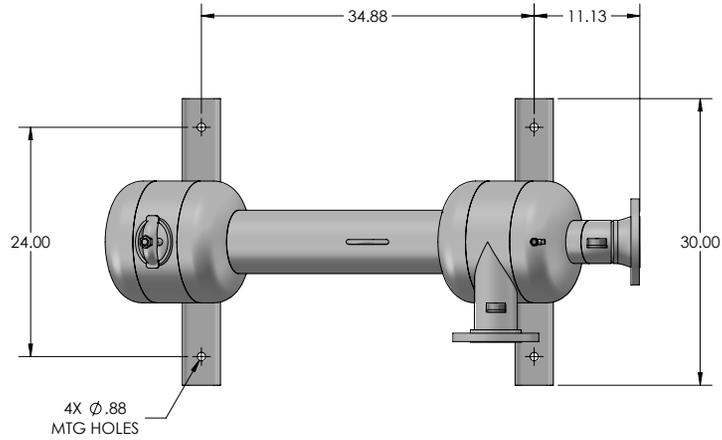
*(Flow rate / CV values may vary slightly)

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

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

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	7-28-16	C.N.



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	SIZE C	DWG NO. 651-0001	
DRAWN K. CARTER	RELEASE DATE 2-11-02	SCALE NONE	WWW.PUROFLUX.COM SHEET 1 OF 1