

**GENERAL SPECIFICATIONS:**

- Maximum Flow: 350 GPM (No minimum flow requirement).
- Maximum Pressure: 150 PSI (Higher pressure models available).
- Not Designed for Suction / Vacuum.
- Screen Surface Area 367 Sq. In.
- Dry Weight: 60 lbs.
- Wet Weight: 160 lbs / Volume: 11.1 gal.
- Maximum Temperature: **135° F.**  
(Consult Factory for higher temperature applications).

**MATERIALS:**

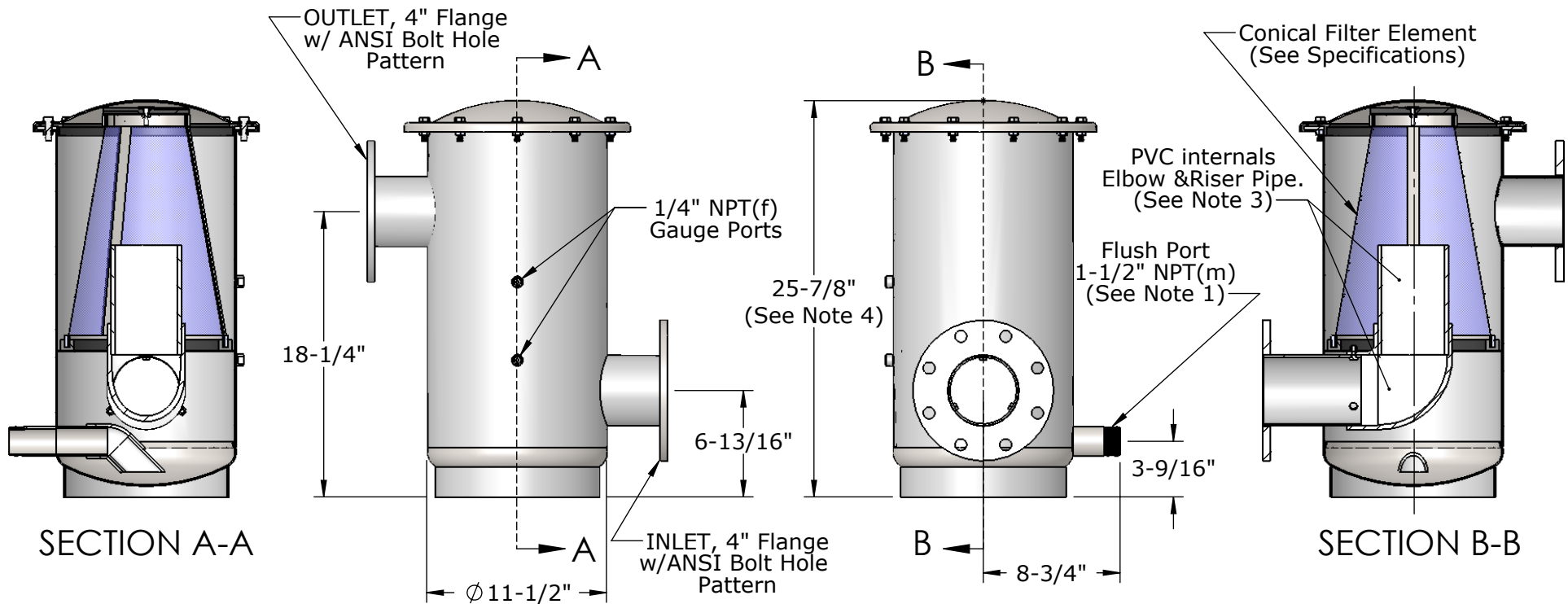
- Housing: 304 Stainless standard (316 Stainless optional).
- Gasket: EPDM standard (other compounds available).
- Screen Mesh: 316 Stainless (1/4" perforated sheet backup).

**SCREEN OPTIONS:**

- Multiple screen mesh and perforated sheet sizes available.  
(See product catalog for samples).

**NOTES:**

- 1- Flush Port is available in larger sizes.(Bottom Flush also available).
- 2- Dimensions are for informational purposes only and are subject to change.
- 3- Stainless Steel Internals (Elbow & Riser Pipe) are also available.
- 4- 42" Overall height is required for filter element removal.

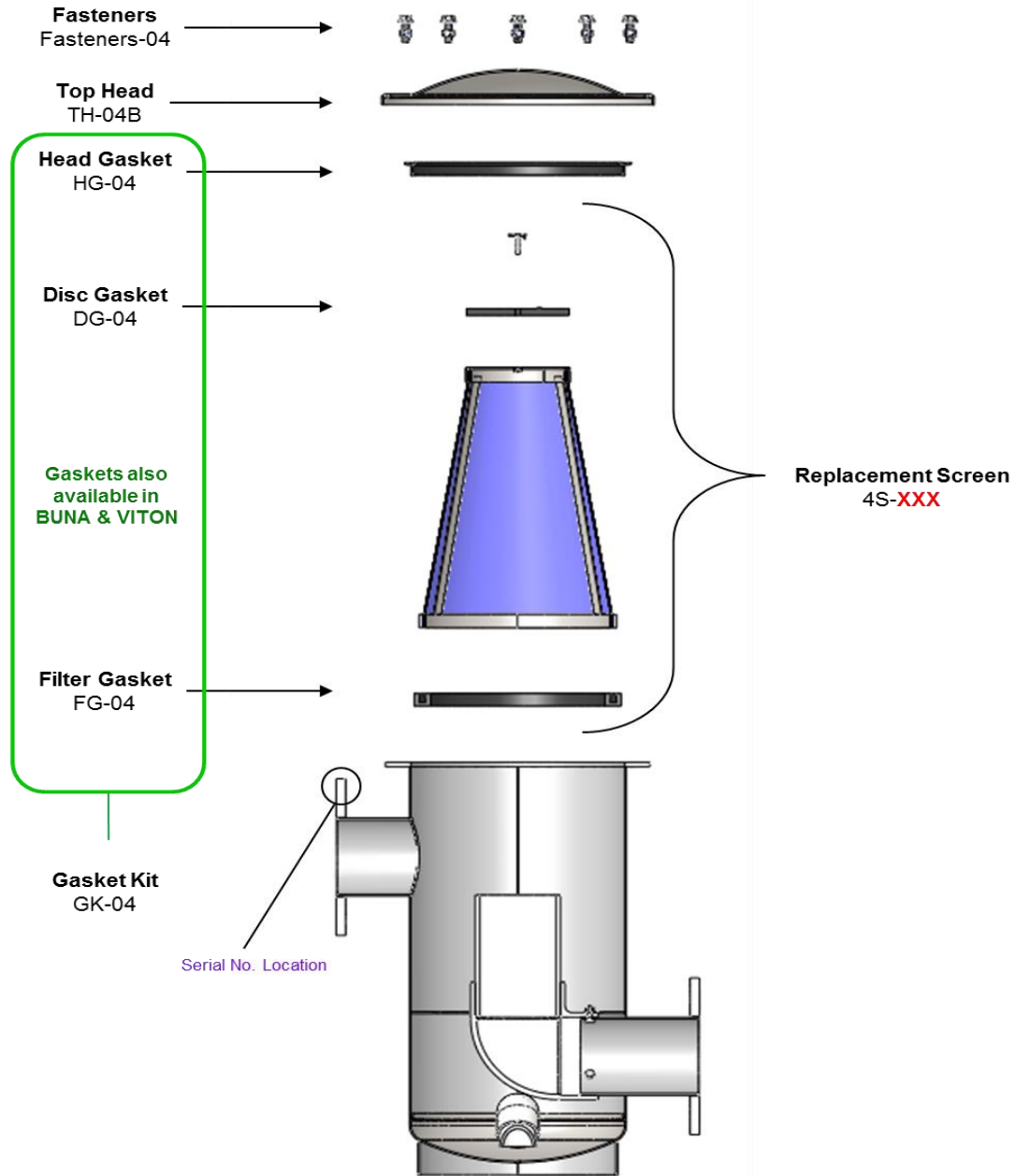


<p><b>PRODUCT SPECIFICATION</b></p> <p><b>MILLER LEAMAN</b> INC</p> <p>800 Orange Avenue, Daytona Beach, FL 32114</p>	DRAWN	J. Larsen	11/3/04	<p>TITLE</p> <p><b>Thompson Filter</b> <b>MLI-4B</b></p>
	CHECKED			
	ENG APPR.			
	REVISION			
	SHEET 1 of 1	MLI REF#	ML20252	



# Thompson Filter - 4" Exploded View

## Complete Filter MLI-04B-**XXX**



**XXX** Denotes Mesh Options

Mesh Options – 16, 20, 30, 40, 50, 60, 80, 100, 120, 150, 200  
 Heavy Duty Mesh – 24x110, 30x150, 40x200, 50x250 (Dutch weave screens; heavier wire gauge, lower open area %)



**MILLER-LEAMAN**  
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### MESH / MICRON DATA SHEET

#### STANDARD MESH OPTIONS

Mesh	Opening (inches)	Microns	Wire Diameter (inches)	Open Area
16	0.0395	1003	0.023	39.90%
20	0.0340	864	0.016	46.20%
30	0.0203	516	0.013	37.10%
40	0.0150	381	0.01	36.00%
50	0.0110	279	0.009	30.30%
60	0.0092	234	0.0075	30.50%
80	0.0070	178	0.0055	31.40%
100	0.0055	140	0.0045	30.30%
120*	0.0046	117	0.0037	30.70%
150*	0.0041	104	0.0026	37.40%
200*	0.0029	74	0.0021	33.60%

#### HEAVY-DUTY MESH OPTIONS

24 x 110 (≈120 Mesh)	0.0045	112 - 117	.014 / .010	N/A
30 x 150 (≈150 Mesh)	0.0039	95 - 100	.009 / .007	N/A
40 x 200 (≈200 Mesh)	0.0030	72 - 77	.007 / .0055	N/A
50 x 250	0.0024	55 - 60	.0055 / .0045	N/A

\*Miller-Leaman recommends the purchase of the heavy-duty mesh options as alternatives to the finer, more fragile standard screen options (120, 150, and 200 mesh). Be advised, however, that the heavy-duty mesh options have less open area percentage and will require more frequent maintenance in some applications.

Mesh/Micron Conversion Formula  
 Microns = opening in inches / .00003937