



## L44

### Single Liquid BAG HOUSINGS

L44 Single Liquid Bag Housings effectively remove dirt, pipe scale, and other contaminants from process liquids. Quality construction and design assure protection for all downstream equipment.

#### APPLICATIONS

- Chemical
- General Industrial
- Oil and Gas
- Water

#### HOUSING OPERATION

Unfiltered liquid enters the housing above the filter bag or strainer basket; fills the interior of the housing; and continues through the bag or strainer basket. Solids are trapped inside the filter bag or strainer and easily removed when the housing is serviced.

#### HOUSING OPTIONS

- 500 PSI pressure rating
- Mesh-lined strainer baskets
- Alternative o-ring materials
- Adjustable support legs
- ASME code U or UM

#### FEATURES

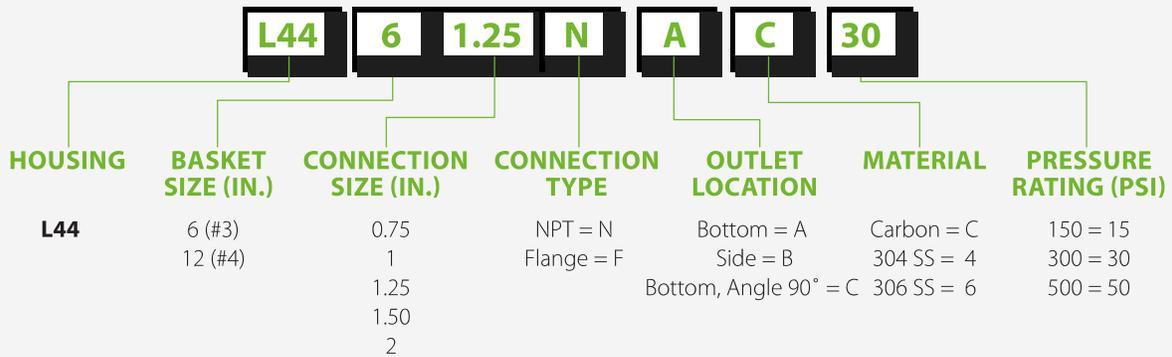
- Flow rates up to 50 gpm
- Two lengths available, 6- and 12-inch depending upon the required surface area and volume of fluid to be filtered
- Carbon steel and 304 or 316 Stainless Steel material
- Each vessel is factory hydro-tested
- Low pressure drop
- Quick-swing closure with eye nuts
- Viton® lid seal
- Differential, drain, and vent ports
- 316 Stainless Steel strainer basket
- Accepts #3-size and #4-size bag filters
- Two-part epoxy paint finish on carbon vessels

#### SPECIFICATIONS

Pressure Rating	150 PSI at 300°F (up to 500 PSI optional)
Connections	0.75-, 1.0-, 1.25-, 1.5-, or 2-inch (NPT)(FLG)
Housing Lid	3-bolt swing closure with 0.25-inch NPT vent port
Lid Seal	Viton® o-ring
Inlets/Outlets	Side inlet/bottom outlet; side inlet/side outlet; side inlet/90° bottom outlet
Pressure Ports	Two 0.25-inch NPT
Construction/Finish	Carbon steel w/two-part epoxy finish; 304 or 316 Stainless Steel w/satin finish
Basket Material	316 Stainless Steel with 9/64-inch perforations
Bags Sizes	#3 and #4 liquid bags accepted
Base	Adjustable tripod leg assembly optional

## ORDERING INFORMATION

Custom configurations available; please contact Customer Service.

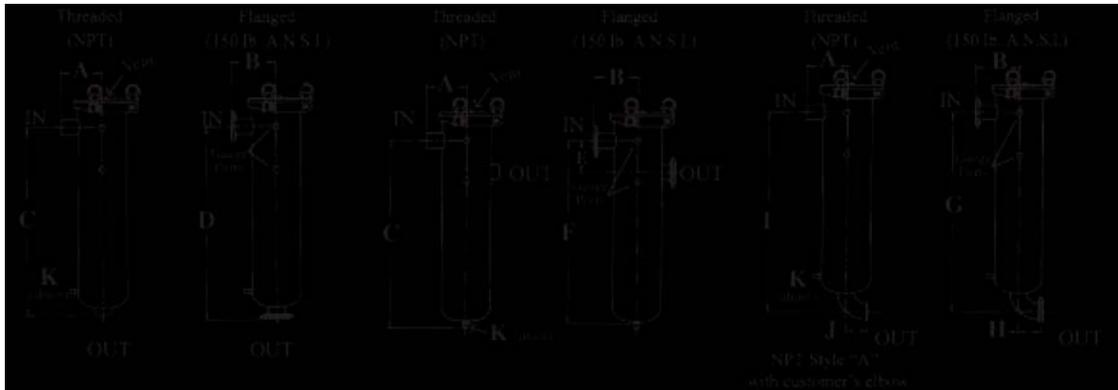


## DIMENSIONS

**STYLE A  
BOTTOM OUTLET**

**STYLE B  
SIDE OUTLET**

**STYLE C  
BOTTOM OUTLET 90°**



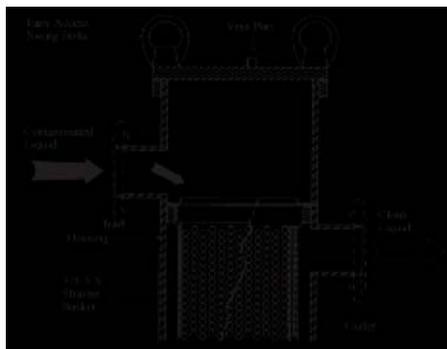
**L44-6 (IN.)**

Pipe Size	A	B	C	D	E	F	G	H	I	J	K
0.75	3.0	4.3	11.3	12.8	4.0	11.2	11.7	4.0	11.7	1.3	.5
1.0	3.0	4.3	11.3	12.8	4.0	11.2	12.0	4.0	12.0	1.5	
1.25	3.2	4.3	11.3	12.8	4.0	11.2	12.2	4.0	12.3	1.8	28# box wt.
1.50	3.2	4.3	11.3	12.8	4.0	11.2	12.7	4.0	12.4	2.0	
2.0	3.5	4.5	11.3	12.8	4.0	11.2	13.6	4.0	12.6	2.3	

**L44-12 (IN.)**

Pipe Size	A	B	C	D	E	F	G	H	I	J	K
0.75	3.0	4.3	16.5	17.9	4.0	16.2	16.7	4.0	16.7	1.3	.5
1.0	3.0	4.3	16.5	17.9	4.0	16.2	17.0	4.0	16.9	1.5	
1.25	3.2	4.3	16.5	17.9	4.0	16.2	17.4	4.0	17.2	1.8	32# box wt.
1.50	3.2	4.3	16.5	17.9	4.0	16.2	17.7	4.0	17.3	2.0	
2.0	3.5	4.3	16.5	17.9	4.0	16.2	18.4	4.0	17.5	2.3	

All dimensions are approximate.



### BASKET DATA

Depth Nominal (in.)	Diameter (in.)	Surface Area (sq. ft.)	Volume (cu. in.)
6	3.9	0.5	65
12	3.9	1.0	130