



L66

Single Liquid BAG HOUSINGS

L66 Single Liquid Bag Housings effectively remove dirt, pipe scale, and other contaminants from process liquids. Quality construction and design assure clean effluent and 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. The standard o-ring seal between the basket and the housing ensures a positive seal to prevent bypass.

HOUSING OPTIONS

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

FEATURES

- Flow rates up to 100 gpm
- Two lengths available, an 18- and a 30-inch housing, depending upon the required surface area and volume of fluid to be filtered
- Carbon, 304, or 316 Stainless Steel construction
- Each vessel is factory hydro-tested
- Low pressure drop
- Quick-swing closure with eye nuts
- Viton® seals — lid & basket
- Differential, drain, and vent ports
- 304 Stainless Steel strainer basket for 304 Stainless Steel housings and Carbon Steel housing
- 316 Stainless Steel strainer basket in 316 Stainless Steel housings
- Accepts #8-size and #9-size bag filters
- Two-part epoxy paint finish on carbon vessels

SPECIFICATIONS

Pressure Rating	150 PSI at 300° F (up to 300 PSI optional)
Connections	1-, 1.25-, 1.5-, 2- or 3-inch (NPT)(FLG)
Housing Lid	3-bolt swing closure with 0.25-inch NPT vent port
Lid & Basket 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	304 Stainless Steel stainer basket for 304 Stainless Steel housings and Carbon Steel housings with 9/64-inch perforations; 316 Stainless Steel strainer basket for 316 Stainless Steel housings with 9/64-inch perforations
Bags Sizes	#8 and #9 liquid bags accepted
Base	Adjustable tripod leg assembly

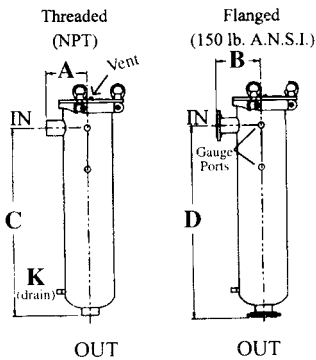
ORDERING INFORMATION

Custom configurations available; please contact Customer Service.

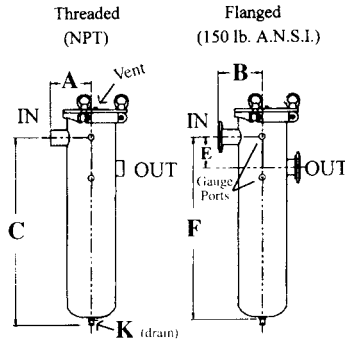
	L66	18	1.25	N	A	4	15
	HOUSING	BASKET SIZE (IN.)	CONNECTION SIZE (IN.)	CONNECTION TYPE	OUTLET LOCATION	MATERIAL	PRESSURE RATING (PSI)
L66		18 (#8) 30 (#9)	1 1.25 1.50 2 3	NPT = N Flange = F	Bottom = A Side = B Bottom, Angle 90° = C	Carbon = C 304 SS = 4 306 SS = 6	150 = 15 300 = 30

DIMENSIONS

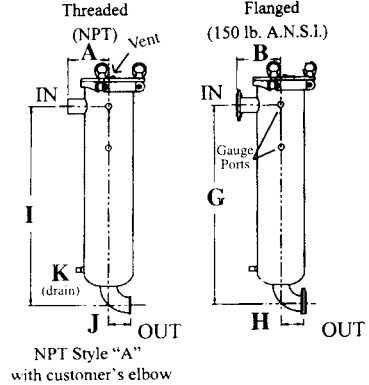
**STYLE A
BOTTOM OUTLET**



**STYLE B
SIDE OUTLET**



**STYLE C
BOTTOM OUTLET 90°**



L66-18 (IN.)

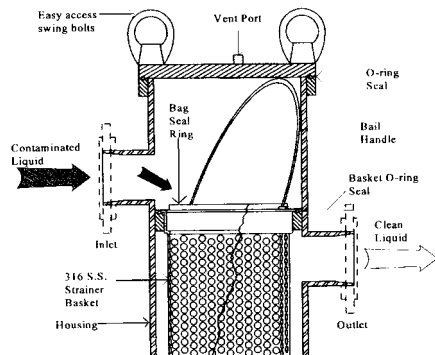
Pipe Size	A	B	C	D	E	F	G	H	I	J	K
1.0	4.0	5.4	23.8	25.3	7.0	23.7	24.5	5.0	24.5	1.5	.75
1.25	4.2	5.6	23.8	25.3	7.0	23.7	24.8	5.0	24.8	1.0	
1.50	4.2	5.6	23.8	25.3	7.0	23.7	25.2	5.0	24.9	2.0	90# box wt.
2.0	4.3	5.7	23.8	25.4	7.0	23.7	25.9	5.0	25.1	2.3	
3.0	4.3	6.0	23.8	25.9	7.0	23.7	27.1	5.0	25.7	3.1	

Adjustable support legs have 9.25" bolt circle and an 16" height adjustment.

L66-30 (IN.)

Pipe Size	A	B	C	D	E	F	G	H	I	J	K
1.0	4.0	5.4	33.7	35.3	7.0	33.8	34.6	5.0	34.5	1.5	.75
1.25	4.2	5.6	33.7	35.3	7.0	33.8	34.9	5.0	34.8	1.8	
1.50	4.2	5.6	33.7	35.3	7.0	33.8	35.3	5.0	34.9	2.0	115# box wt.
2.0	4.3	5.7	33.7	35.4	7.0	33.8	35.9	5.0	35.1	2.3	
3.0	4.3	6.0	33.7	35.9	7.0	33.8	37.1	5.0	35.7	3.1	

All dimensions are approximate.



BASKET DATA

Depth Nominal (in.)	Diameter (in.)	Surface Area (sq. ft.)	Volume (cu. in.)
18	5.0	2.0	350
30	5.0	3.4	630