

# Model 44 Single Liquid Bag Housing

flow rates to 50 g.p.m.

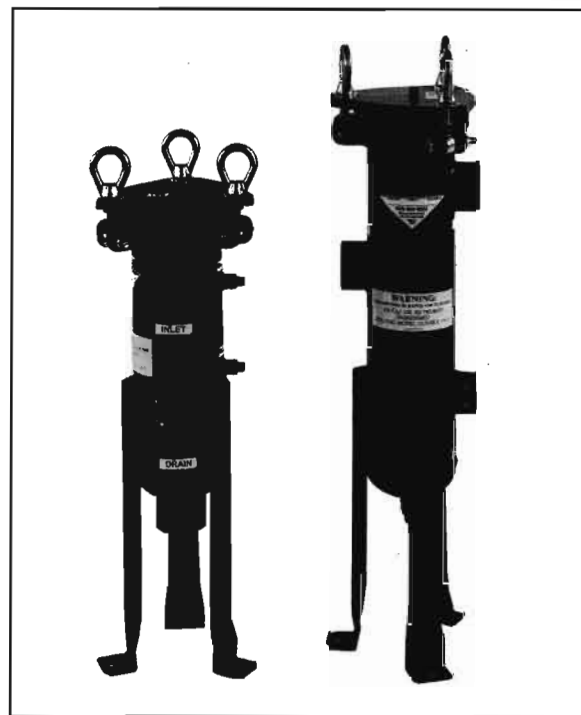
Krystil Klear's model 44 Single Series of Liquid Bag Housings offer two depths, a 6" and a 12" housing depending upon the needed surface area and volume of fluid to be filtered.

## FEATURES

- ▶ Carbon, 304, or 316 stainless steel material
- ▶ 300 PSI pressure rating
- ▶ Low pressure drop
- ▶ Quick swing closure with eye nuts
- ▶ Viton lid seal
- ▶ Differential, drain, and vent ports
- ▶ 316 stainless steel strainer basket
- ▶ 2-part epoxy paint finish on carbon vessels

## OPTIONS

- ▶ Adjustable support legs
- ▶ 500 PSI pressure rating
- ▶ Mesh lined strainer baskets



Shown with our optional adjustable support legs.

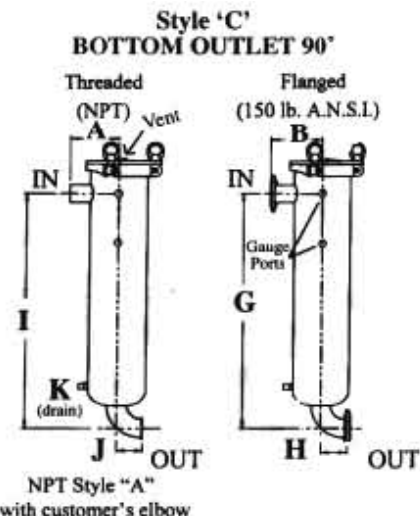
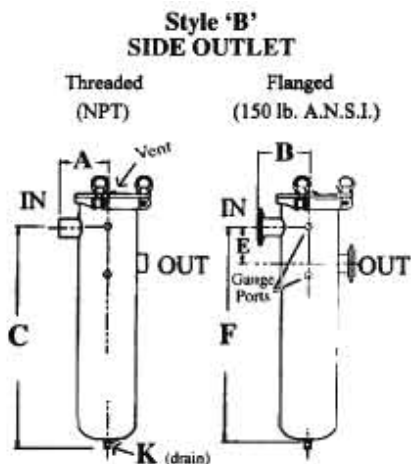
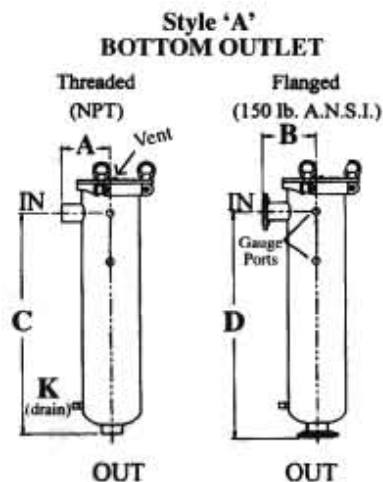
Our 44 series effectively removes dirt, pipe scale, and other contaminants from process liquids such as water, chemical and petroleum products. Quality construction and design assure protection for all down-stream equipment.

**VESSEL CONSTRUCTION:** Our model 44 single vessels are designed for operating up to 300 PSI at 300°F. The housing design provides a large sump area at the bottom of the basket for particulate accumulation. This design utilizes the filter more efficiently and prolongs the element life.

The **316 S.S. basket** rests on a 316 S.S. support ring allowing the element to seal to the side of the housing eliminating particulate bypass between the basket and seat. Optional **mesh-lined strainer baskets** and **O-rings** are available. Please refer to their individual brochures in our liquid catalog.

A **vent** in the housing lid and a **drain port** in the housing speed evacuation and filling. **Gauge ports** are located on the body of the housing to install gauges for monitoring the differential pressure across the bag or strainer basket. Permanently piped housings are opened with simple tools without disturbing the piping. **Swing bolts** with eye-nuts allow easy opening and closing of the swing-lid. No need to remove any hardware.

As a standard finish, all vessels are blast cleaned and painted inside and out with a **2-part epoxy**. Stainless steel vessels are supplied with a satin finish.

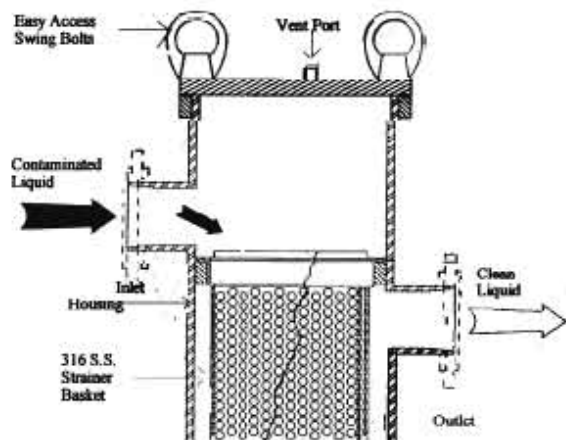


All dimensions are approximate . . .

Pipe Size	A	B	C	D	E	F	G	H	I	J	K
.75	3.0	4.3	12.3	13.8	4.0	12.2	12.7	4.0	12.7	1.3	.5 28# box wt.
1	3.0	4.3	12.3	13.8	4.0	12.2	13.0	4.0	13.0	1.5	
1.25	3.2	4.3	12.3	13.8	4.0	12.2	13.2	4.0	13.3	1.8	
1.50	3.2	4.3	12.3	13.8	4.0	12.2	13.7	4.0	13.4	2.0	
2	3.5	4.5	12.3	13.8	4.0	12.2	14.6	4.0	13.6	2.3	

Pipe Size	A	B	C	D	E	F	G	H	I	J	K
.75	3.0	4.3	17.5	18.9	4.0	17.2	17.7	4.0	17.7	1.3	.5 32# box wt.
1	3.0	4.3	17.5	18.9	4.0	17.2	18.0	4.0	17.9	1.5	
1.25	3.2	4.3	17.5	18.9	4.0	17.2	18.4	4.0	18.2	1.8	
1.50	3.2	4.3	17.5	18.9	4.0	17.2	18.7	4.0	18.3	2.0	
2	3.5	4.5	17.5	18.9	4.0	17.2	19.4	4.0	18.5	2.3	

Adjustable support legs have 6.5" bolt circle and an 8" height adjustment.



### Housing Operation:

Unfiltered liquid enters the housing above the filter bag or strainer basket; flows down into the housing; and continues through the element. Solids are trapped inside the filter bag or strainer and easily removed when the housing is serviced.

Basket data for Model 44 with flow rates to 50 gpm

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

### Building a Part Number:

Housing Model #	Basket Size (in)	Conn Size (in)	Conn Type	Outlet Location	Material	PSI
L44	6	.75, 1, 1.25, 1.50 and 2	NPT = N FLANGE = F	Style A B C	Carbon = C 304SS = 4 316SS = 6	300 = 30 500 = 50

### SPECIFICATIONS

Housing lid has a 3-bolt swing closure with a vent port. Connections are ( ) inch (NPT)(FLG) with a (side inlet and bottom outlet)(side inlet and side outlet)(side inlet and 90° bottom outlet). Housing is supplied with two differential pressure ports to measure the differential pressure across the filter bag. A two-part epoxy finish is applied on the carbon steel vessels to maximize the life of the housing; stainless steel vessels are supplied with a satin finish. Basket material is manufactured from 316 stainless steel with 9/64" perforations to act as a strainer or to accept a #3 or #4 size liquid bag. Lid seals onto a Viton o-ring. Vessels are rated at a 300 pounds per square inch design.

**Krystil Klear Filtration**

Div. Of Geyer's Mfg. & Design, Inc.

9449 S. 550 W. Phone: 800-869-0325 219-278-7161

Winamac, IN 46996 Fax: 219-278-7115

kkfilter@pwrtec.com web site: KrystilKlear.com

Distributed by:



**Pyramid Technologies**

467 Forrest Park Cir  
Franklin, TN 37064

615-599-4190