

INDUSTRIAL[®] L88 BAG HOUSINGS



L88 Single Liquid Bag Housings effectively remove dirt, pipe scale, and other substances from process liquids. Quality construction and design assure clean effluent and protection for all downstream equipment.

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.

FEATURES/BENEFITS

Flow rates up to 220 gpm (832.7 Lpm)
150 and 300 PSI (10.3 and 20.7 bar)
pressure ratings
Two lengths available, a 15" or a 30" (381
and 762 mm) housing, depending upon
the required surface area and volume of
fluid to be filtered
Carbon Steel or Stainless Steel
construction
Each housing is factory hydro-tested
Low pressure drop
Zinc-plated quick-swing closure with eye
nuts
300 PSI (20.7 bar) housing has slip and
blind flange lid

APPLICATIONS

Chemical
General Industrial
Oil and Gas
Water

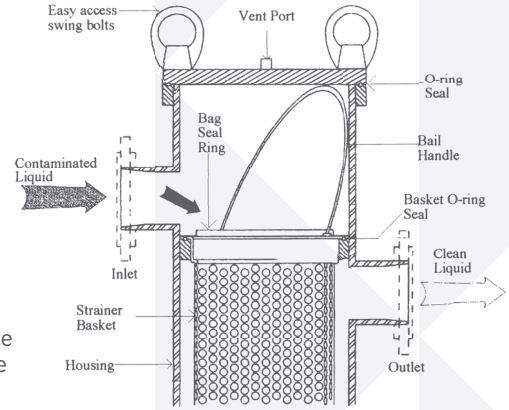
FKM seals — lid & basket
Differential, drain, and vent ports
304 Stainless Steel strainer basket for
304 Stainless Steel housings and Carbon
Steel housings
316 Stainless Steel strainer basket for
316 Stainless Steel housings
Accepts #1-size and #2-size bag filters
Two-part epoxy paint finish on carbon
steel housings, inside and outside
Adjustable support legs

OPTIONS

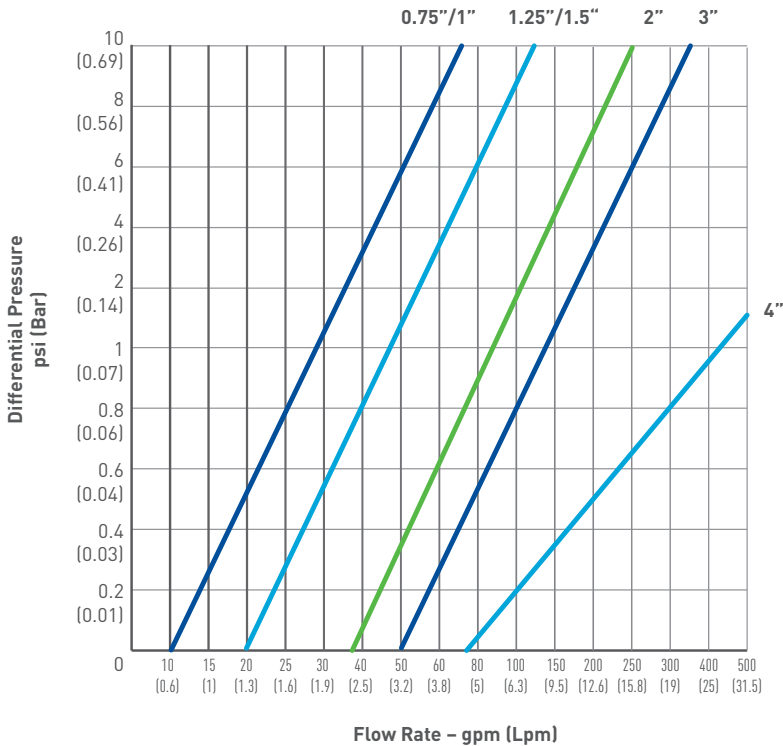
Mesh-lined strainer baskets
Alternative O-ring materials
ASME code U or UM
Positive hold down spring

SPECIFICATIONS

Pressure Rating	150 psi @ 300°F (10.3 bar @ 148.9°C) (up to 300 [34.5 bar] psi optional)
Connections	2", 3" or 4" NPT or flange
Housing Lid	Zinc-plated 3-bolt swing closure with ¼" NPT vent port
Lid & Basket Seals	FKM O-ring
Inlets/Outlets	Side inlet/bottom outlet, Side inlet/side outlet, Side inlet/90° bottom outlet
Pressure Ports	Two differential ports measure pressure across filter bag
Construction/Finish	Carbon steel w/2-part epoxy finish inside & outside 304 or 316 Stainless steel w/satin finish on outside
Basket Material	304 Stainless Steel strainer basket with 9/64" perforations for 304 Stainless Steel housings and Carbon Steel housings 316 Stainless Steel strainer basket with 9/64" perforations for 316 Stainless Steel housings
Bag Sizes	#1 and #2
Base	Adjustable tripod leg assembly

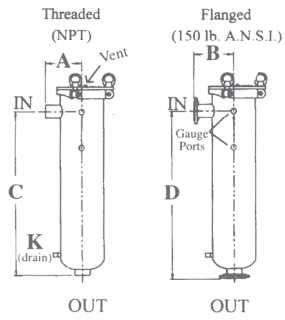


PRESSURE DROP VS FLOW RATE

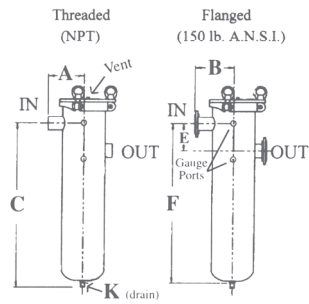


DIMENSIONS

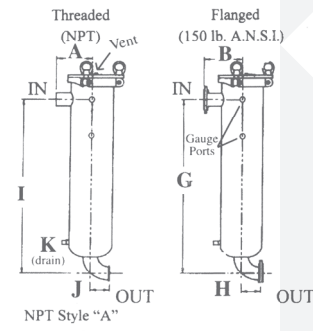
STYLE A - BOTTOM OUTLET



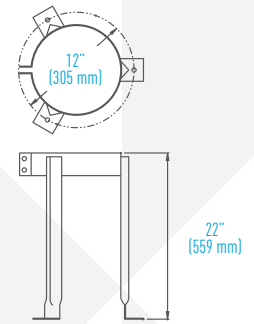
STYLE B - SIDE OUTLET



STYLE C - BOTTOM OUTLET 90°



ADJUSTABLE LEGS



All dimensions are approximate.

L88-15

PIPE SIZE		A	B	C	D	E	F	G	H	I	J	K	WEIGHT	
2.0"	IN	5.3	6.7	23.2	24.5	7.0	24.7	26.2	3.4	25.7	2.3	1.0	LBS	105 - 125
	MM	135	170	589	622	178	627	665	86	653	58	25	KG	48 - 57
3.0"	IN	5.4	7.1	23.2	25.3	7.0	24.7	26.5	5.0	26.3	3.1	1.0	LBS	105 - 125
	MM	137	180	589	643	178	627	673	127	668	79	25	KG	48 - 57
4.0"	IN	5.4	7.1	23.2	24.5	7.0	24.7	29.1	6.3	26.9	3.8	1.0	LBS	105 - 125
	MM	137	180	589	622	178	627	739	160	683	97	25	KG	48 - 57

L88-30

PIPE SIZE		A	B	C	D	E	F	G	H	I	J	K	WEIGHT	
2.0"	IN	5.3	6.7	36.2	37.4	7.0	34.7	36.2	3.4	35.7	2.3	1.0	LBS	125 - 145
	MM	135	170	919	950	178	881	919	86	907	58	25	KG	57 - 66
3.0"	IN	5.4	7.1	36.2	38.0	7.0	34.7	37.7	5.0	37.2	3.1	1.0	LBS	125 - 145
	MM	137	180	919	965	178	881	958	127	945	79	25	KG	57 - 66
4.0"	IN	5.4	7.1	36.2	38.1	7.0	34.7	39.1	6.3	37.4	3.8	1.0	LBS	125 - 145
	MM	137	180	919	968	178	881	993	160	950	97	25	KG	57 - 66

BASKET DATA

DEPTH		DIAMETER		SURFACE AREA		VOLUME	
IN	15.0	IN	6.7	FT. ²	2.3	IN ³	500.0
MM	381	MM	170	M ²	0.21	CM ³	8194.0
IN	30.0	IN	6.7	FT. ²	4.4	IN ³	1000.0
MM	762	MM	170	M ²	0.41	CM ³	16387.0

ORDERING INFORMATION

To create your ordering part number, use the part number configurator below.

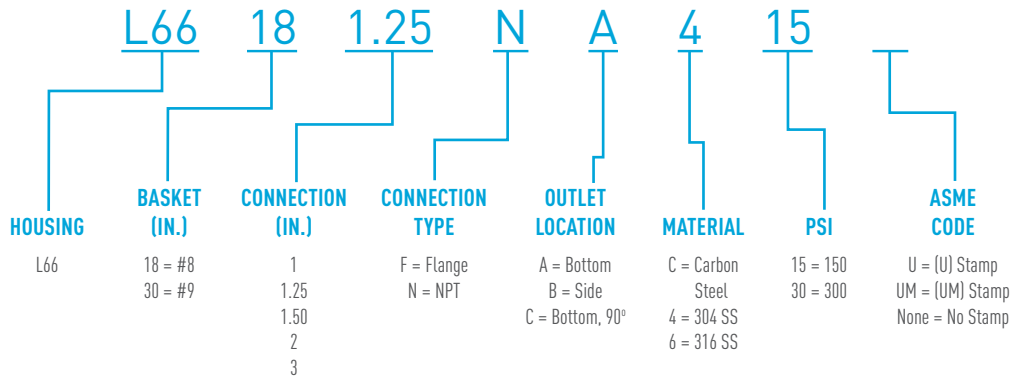
Custom configurations available. Please contact customer service.

Carbon steel not recommended for water use as the epoxy coating is not designed as a corrosion inhibitor.

HOUSING EXAMPLE: L66181.25NA415

L66 Housing (L66), #8 standard basket (18), 1.25" (1.25), NPT connection (N)

Outlet located on bottom (A), 304 Stainless Steel (4), 150 psi (15)



FILTRATION & PROCESS

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