

INDUSTRIAL L66 BAG HOUSINGS



Pentair* Industrial* L66 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 100 gpm (378.5 Lpm)
150 and 300 PSI (10.3 and 20.7 bar)
pressure ratings
Two lengths available, 18" and 30" (457
mm 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 housings have slip and blind
flange lid

APPLICATIONS

Chemical
General Industrial
Oil and Gas
Water

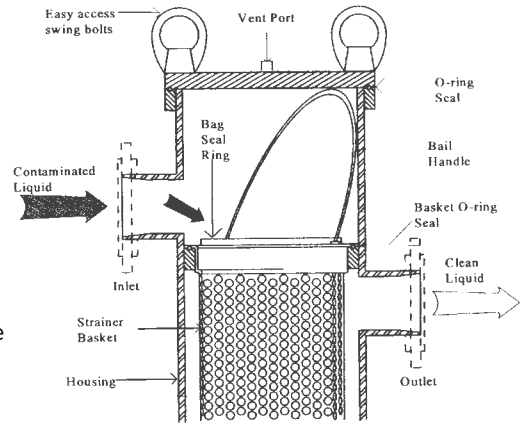
FKM seals — lid & basket
Differential, drain, and vent ports
304 Stainless Steel strainer basket for
304 Stainless Steel housings and Carbon
Steel housings
316 Stainless Steel strainer basket for
316 Stainless Steel housings
Accepts #8-size and #9-size bag filters
Two-part epoxy paint finish on carbon
steel housings, inside and outside
Adjustable support legs

OPTIONS

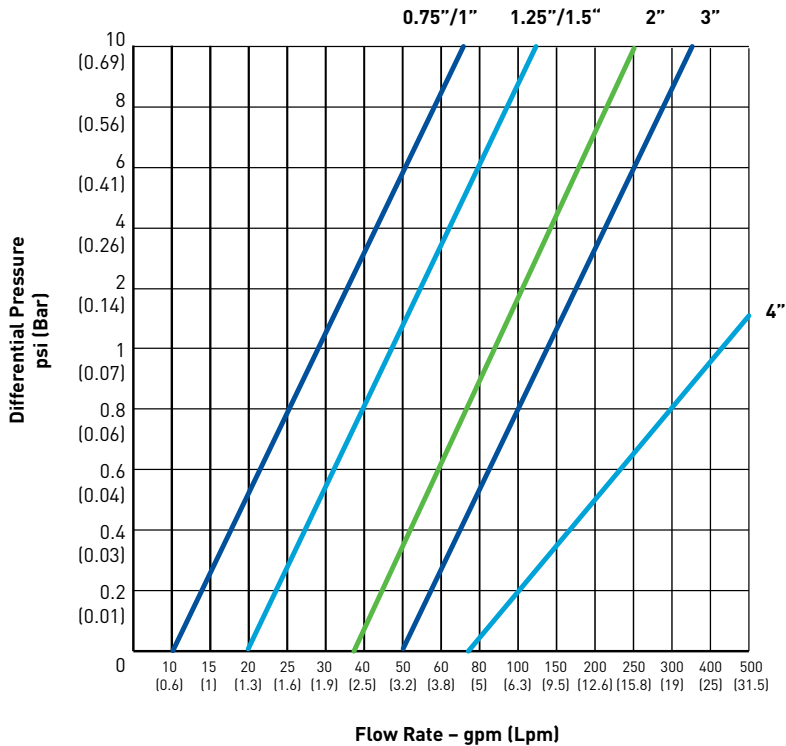
Mesh-lined strainer baskets
Alternative O-ring materials
ASME code U or UM
Positive hold down spring

SPECIFICATIONS

Pressure Rating	150 psi @ 300°F (10.3 bar @ 148.9°C) (up to 300 psi (34.5 bar) optional)
Connections	1", 1¼", 1½", 2" or 3" 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 ¼" NPT
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	#8 and #9
Base	Adjustable tripod leg assembly

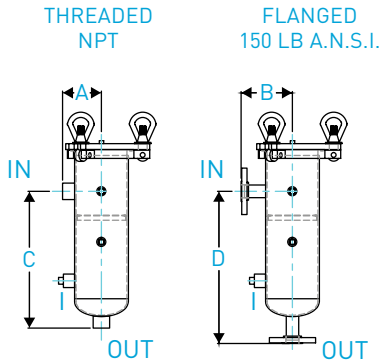


PRESSURE DROP VS FLOW RATE

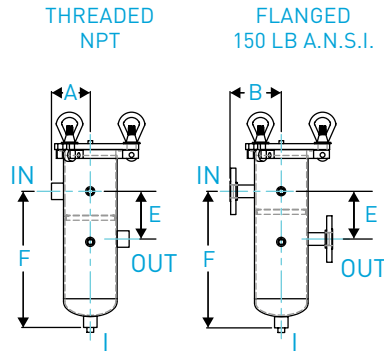


DIMENSIONS

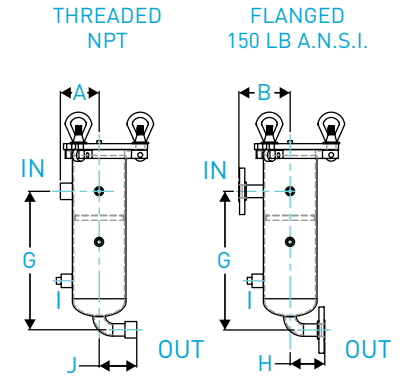
STYLE A - BOTTOM OUTLET



STYLE B - SIDE OUTLET



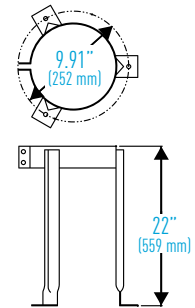
STYLE C - BOTTOM OUTLET 90°



L66-18

CONNECTION SIZE	DIMENSIONS											WEIGHT	
	A	B	C	D	E	F	G	H	I	J			
1.0"	IN	4.5	5.4	24.1	25.3	7.0	24.0	24.5	3.8	0.75	3.6	LBS	90
	MM	114	137	613	641	178	610	622	95	19	90	KG	41
1.25"	IN	4.6	5.4	24.3	25.3	7.0	24.0	24.8	4.0	0.75	3.2	LBS	90
	MM	118	137	616	641	178	610	630	102	19	81	KG	41
1.50"	IN	4.7	5.4	24.5	25.2	7.0	24.0	25.2	4.6	0.75	3.8	LBS	90
	MM	119	137	622	640	178	610	640	116	19	97	KG	41
2.0"	IN	4.7	5.4	24.6	25.3	7.0	24.0	25.9	4.8	0.75	4.7	LBS	90
	MM	119	137	624	643	178	610	659	121	19	119	KG	41
3.0"	IN	4.8	5.5	24.9	25.4	7.0	24.0	27.3	5.4	0.75	6.6	LBS	90
	MM	122	140	632	646	178	610	694	137	19	168	KG	41

ADJUSTABLE LEGS



L66-30

CONNECTION SIZE	DIMENSIONS											WEIGHT	
	A	B	C	D	E	F	G	H	I	J			
1.0"	IN	4.5	5.4	34.1	35.3	7.0	34.0	34.5	3.8	0.75	3.6	LBS	115
	MM	114	137	867	895	178	864	876	95	19	90	KG	52
1.25"	IN	4.6	5.4	34.3	35.3	7.0	34.0	34.8	4.0	0.75	3.2	LBS	115
	MM	118	137	870	895	178	864	884	102	19	81	KG	52
1.50"	IN	4.7	5.4	34.5	35.2	7.0	34.0	35.2	4.6	0.75	3.8	LBS	115
	MM	119	137	876	894	178	864	894	116	19	97	KG	52
2.0"	IN	4.7	5.4	34.6	35.4	7.0	34.0	35.9	4.8	0.75	4.7	LBS	115
	MM	119	140	878	899	178	864	912	121	19	119	KG	52
3.0"	IN	4.8	5.5	34.9	35.4	7.0	34.0	37.3	5.4	0.75	6.6	LBS	115
	MM	122	140	886	900	178	864	948	137	19	168	KG	52

All dimensions are approximate. Dimensions are for carbon steel configurations.

BASKET DATA

DEPTH		DIAMETER		SURFACE AREA		VOLUME	
IN	18.0	IN	5.0	FT. ²	2.0	IN ³	350
MM	457	MM	127	M ²	0.19	CM ³	5,735
IN	30.0	IN	5.0	FT. ²	3.4	IN ³	630
MM	762	MM	127	M ²	0.32	CM ³	10,324

ORDERING INFORMATION

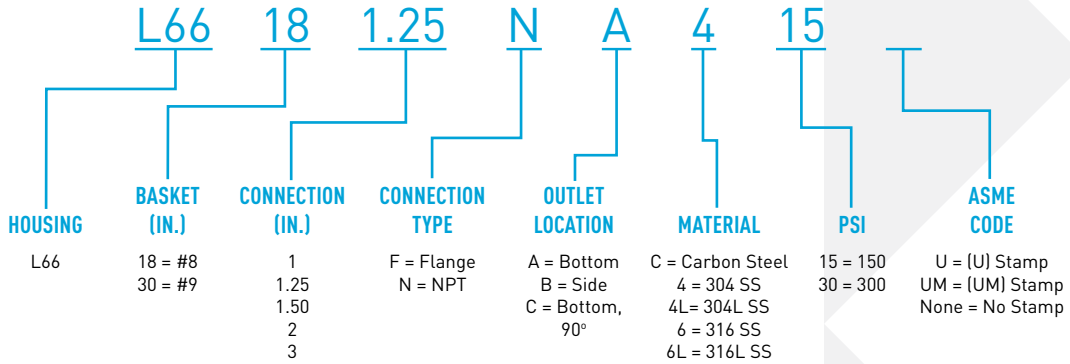
To create your ordering part number, use the part number configurator below.

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)



WATER QUALITY SYSTEMS

5730 NORTH GLEN PARK ROAD, MILWAUKEE, WI 53209

P: 262.238.4400 | F: 262.238.4404

PENTAIRINDUSTRIAL.COM

CUSTOMER CARE: 800.279.9404 | tech-support@pentair.com

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