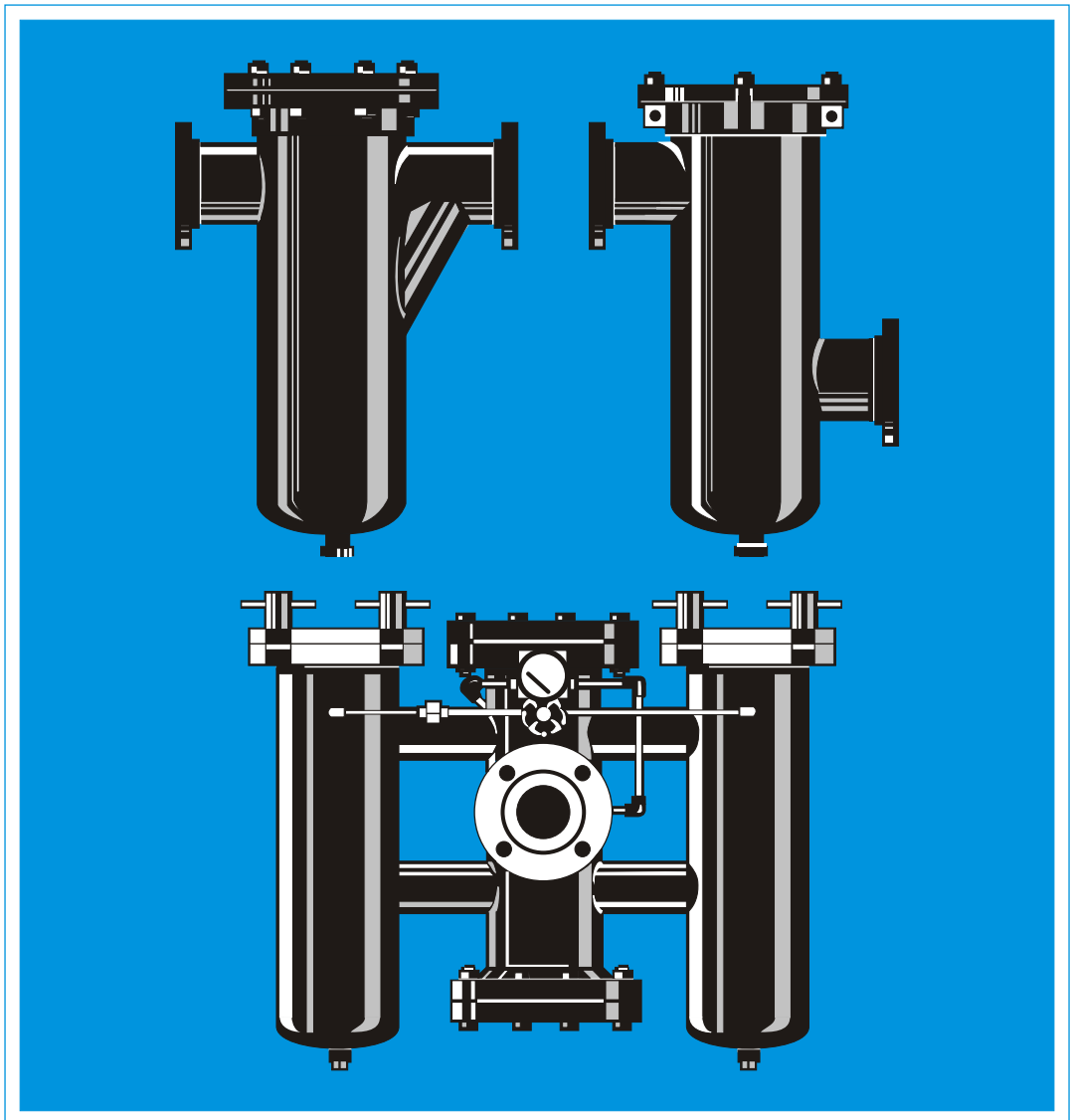


Ulbrec H.P. & H.L. series Strainers

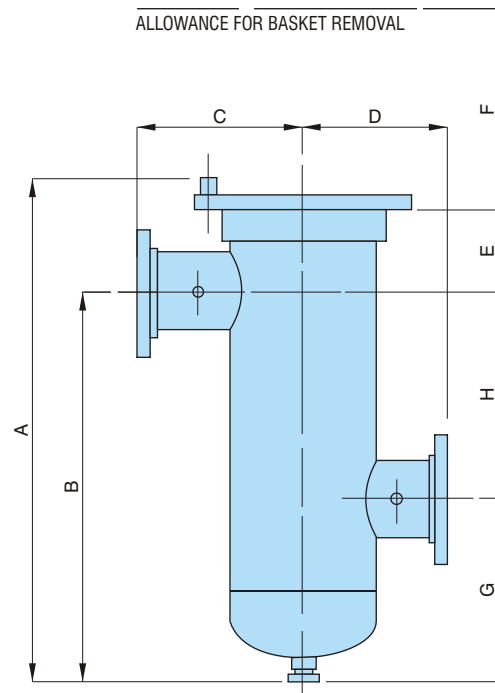
- High and low pressure models available
- Stud and swing bolt closures
- Body fabricated in carbon or stainless steel
- Stainless steel or brass mesh
- Simplex & Duplex models



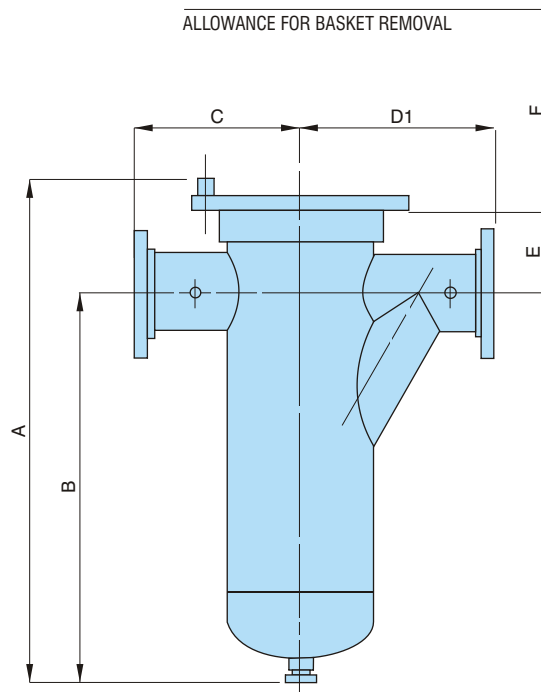
Ulbrech H.P. & H.L. series Strainers

DIMENSIONS

H.P. SERIES OFFSET CONNECTIONS



H.L. SERIES IN-LINE CONNECTIONS

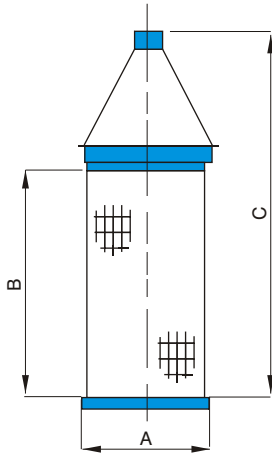


MODEL No.	SIZE		A		B		C		D		D1		E		F		G		H		Drain N.P.T.	
	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
HP2	2	50	16.87	429	10.81	275	7.25	184	6.25	159	9.25	235	3.81	97	10.5	267	6.81	173	4.0	102	¾	20
HP2.5	2.5	65	21.75	553	15.38	391	7.25	184	6.25	159	9.75	248	4.13	105	15.0	381	8.38	213	7.0	178	¾	20
HP3	3	80	25.75	654	19.25	489	7.25	184	6.25	159	10.2	260	4.25	108	18.0	457	9.75	248	9.5	241	¾	20
HP4	4	100	30.81	783	23.19	589	10.0	254	8.00	203	12.0	305	5.00	127	22.0	559	11.2	284	12.0	305	1	25
HP6	6	150	43.25	1099	33.38	848	14.5	368	12.5	318	16.5	419	7.00	178	31.8	807	15.4	391	18.0	457	1	25
HP8	8	200	52.63	1337	40.75	1035	16.5	419	14.5	368	20.5	521	8.75	222	40.0	1016	16.8	427	24.0	610	1½	40
HP10	10	250	62.50	1588	48.75	1238	22.0	559	20.0	508	24.0	610	10.1	257	48.0	1219	18.8	478	30.0	762	1½	40

NOTE: DIMENSIONS SHOWN ARE NOMINAL ONLY.

ULBRICH PRODUCTS PTY. LTD. RESERVE THE RIGHT TO CHANGE DESIGN AND DIMENSIONS WITHOUT NOTICE

STRAINER BASKET DETAILS



MODEL No.	A. DIA.		B		C		MESH AREA	
	in.	mm.	in.	mm.	in.	mm.	Sq. in.	Sq. cm.
HP2	3.75	95	4.75	121	10.5	267	56	361
HP2.5	3.75	95	8.00	203	15.0	381	94	606
HP3	3.75	95	11.5	292	18.0	457	136	877
HP4	6.00	152	13.0	330	22.0	559	245	1581
HP6	9.00	229	19.7	502	31.7	807	558	3600
HP8	13.0	330	25.0	635	40.0	1016	1021	6587
HP10	19.0	483	30.0	762	47.9	1216	1791	11555

MESH TYPES AVAILABLE: Standard – Stainless steel.
Optional – Brass

MESH SIZES AVAILABLE: 2# to 400#

FEATURES

Body

The standard materials used in HP/HL bodies are carbon steel and stainless steel. Both types are fabricated to suit customer requirements, relating to inlet and outlet locations, flanging and material type.

Strainer basket

Available in stainless steel or brass mesh, and designed for maximum flow rate and minimum pressure drop.

Baskets can be easily removed for cleaning.

Seals

Seals are available to suit most products handled.

Closure bolting

Either stud bolts or swing bolts are used, depending on the pressure rating of the strainer.

Special designs

As well as offering strainers to meet specific dimensional and application requirements, Ulbrec also offer a range of H.P. strainers in Duplex designs manufactured in carbon steel and stainless steel to suit most products. H.P. & H.L. series strainers are also available in sizes over 10" (250mm), in Simplex or Duplex styles.

Design standards

Two pressure ratings available.

Max. working pressure 150 PSIG/1.03 MPa @ 70°F/20°C (Swing bolt closure/250 style).

Max. working pressure 225 PSIG/1.55 MPa @ 70°F/20°C (Stud bolt closure/350 style). H.P. & H.L. strainers are designed and tested generally in accordance with AS1210-1997. Alternative design codes, pressure ratings, and physical configurations can be provided on request.

Special features

Support legs are fitted to 6" (150mm) size strainers and above, and davit arms to 10" (250mm) size strainers and above, as standard.

Stainless steel units are normally manufactured with carbon steel flanges faced with stainless steel. i.e. All wetted parts are stainless steel.

Special finish

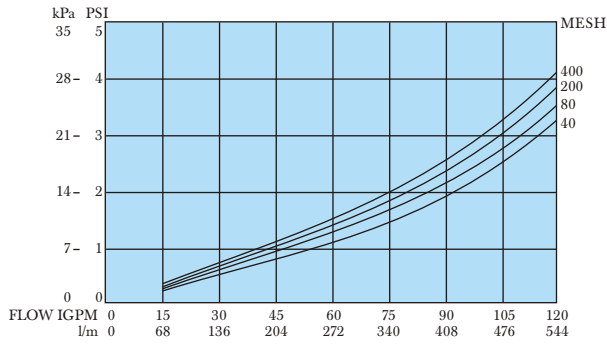
When specified, special internal and external finishes are available to suit most products and environments. E.g. Epoxy, Neoprene, Hypalon, Galvanizing, etc.

Applications

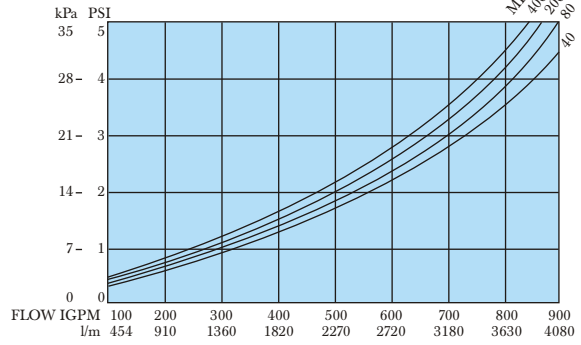
The most common application areas for ULBREC H.P. and H.L. SERIES strainers are in the chemical, food, beverage, petrochemical and process industries.

FLOW RATE/PRESSURE DROP CHARTS

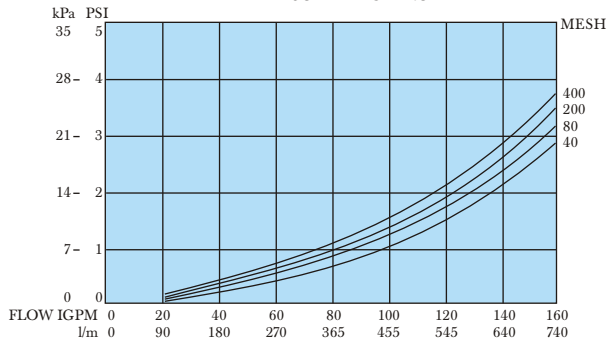
MODEL HP 2 50 mm or 2"



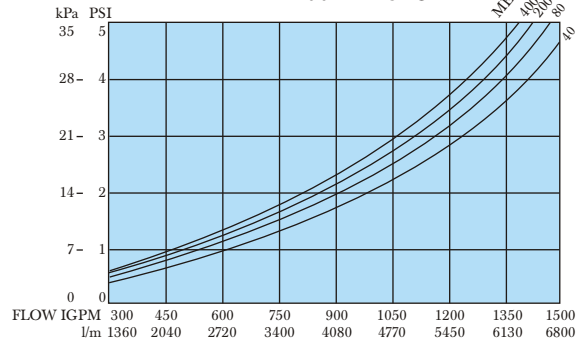
MODEL HP 6 150 mm or 6"



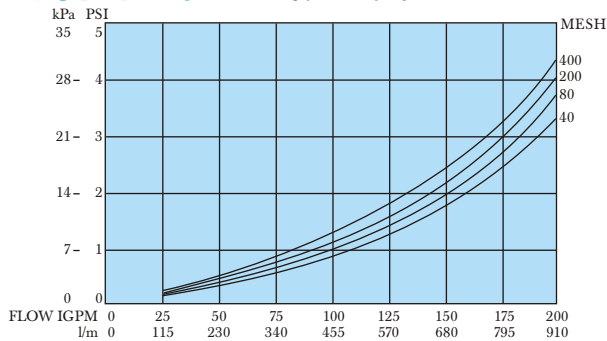
MODEL HP 2.5 65 mm or 2.5"



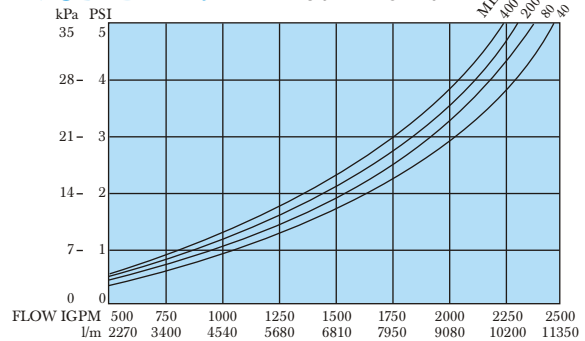
MODEL HP 8 200 mm or 8"



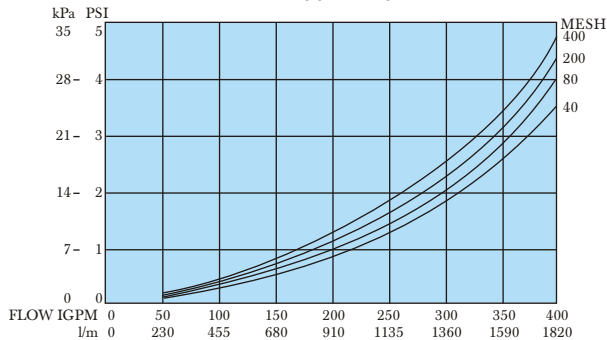
MODEL HP 3 80 mm or 3"



MODEL HP 10 250 mm or 10"



MODEL HP 4 100 mm or 4"



MODEL No.	FLOW RATE		WEIGHT - STEEL	
	IGPM	LPM	lbs.	kg.
HP2	80	360	73	33
HP2.5	135	610	77	35
HP3	200	930	110	50
HP4	320	1440	154	70
HP6	740	3330	460	209
HP8	1300	5850	836	380
HP10	2000	9000	1500	680

NOTE: ALL CURVES ARE BASED ON FLOW OF WATER, VISCOSITY 1.0 CPS. AT 20°C, AS SHOWN FOR THE HP SERIES STRAINERS.

FOR HL SERIES STRAINERS, INCREASE THE RESPECTIVE PRESSURE DROP VALUES BY 5%.

WEIGHTS FOR STAINLESS STEEL ARE APPROXIMATELY HALF OF THE ABOVE WEIGHTS.

MANUFACTURED BY:



ULBRICH PRODUCTS PTY. LTD.

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