

SUMP STRAINERS – All Metal - All Steel

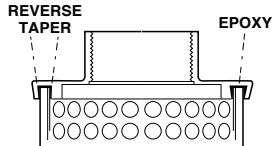
Sump strainers are used in hydraulic fluids, coolants, lubricants, and many process fluids. Flow Ezy offers them in many different constructions to better match a variety of applications. All have strong perforated metal support tubes under the straining elements. All are available with optional, built-in bypass relief valves to avoid starving the pump should the strainer become dirt-clogged.

ALL-METAL CONSTRUCTION

The traditional all-metal sump strainer has stainless steel pleated elements, in mesh sizes 30 to 200. Continuous epoxy-bonded joints will not leak fluid around the element. They may be cleaned and used indefinitely.

ALL-STEEL CONSTRUCTION

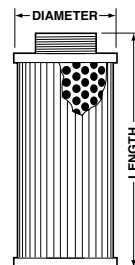
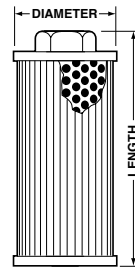
All-steel sump strainers (Style AS) provide greater strength. Otherwise they are the same as the standard unit. (Not a stocked item.)



Slot holding epoxy adhesive has a reverse taper on both sides to ensure a positive interlock on all strainers.



Magnets Available- See Page 14



HOW TO ORDER

Select the desired specifications from the ordering table and build an ordering code number, as shown in this sample:

AS - **75** - **2-1/2** - **NIPPLE** - **100** - **RV-3**
STYLE - **GPM** - **NPT** - **CONNECTION** - **MESH** - **VALVE**
(spell out NIPPLE if wanted) (omit if not wanted)

STYLE	GPM (Flow Capability)	NPT (Pipe size)	CONNECTION (Nut or Nipple)	MESH (Screen size)	RELIEF VALVE (Optional)
ALL METAL no symbol (aluminum thd. end)	2	1/4*, 1/2*	no symbol (nut)	30	RV-3 (3-psi bypass)
	3	3/8, 1/2*		60	
	5	3/4, 1	nipple (to get nipple you must specify it)	100	
	10	3/4, 1		200	
ALL STEEL AS	20	1-1/4	nipple (to get nipple you must specify it)	100	RV-5 (5-psi bypass)
	30	1-1/2			
	50	1-1/2&2			
	75	2-1/2			
	100	3			

*Relief Valve not available
 (Pressure drop through a clean element will not exceed 0.2 psi (0.4-in. Hg) at rated flow of 150 SSU viscosity fluid and 100 mesh.)

NUT STYLE (All-steel construction)

GPM RATING	SCREEN AREA (Sq. Inches)	NPT (Pipe Size)	OVERALL DIMENSIONS	
			Diameter	Length
3	35	3/8, 1/2, 3/4	2-1/8	2-11/16
5	50	3/4, 1, 1-1/4	3-1/16	3-1/16
10	110	3/4, 1, 1-1/4	3-1/16	5-5/16
20	145	3/4, 1, 1-1/4	3-1/16	7-1/8
30	260	1-1/2	4-1/16	9-5/8
50	280	1-1/2 & 2	4-1/16	9-5/8
75	350	2-1/2	5-1/16	12-5/8
100	450	3	5-1/16	12-5/8

NUT STYLE (Metal construction w/cast aluminum top)

GPM RATING	SCREEN AREA (Sq. Inches)	NPT (Pipe Size)	OVERALL DIMENSIONS	
			Diameter	Length
2	25	1/4, 1/2	1-1/4	4
3	35	3/8, 1/2, 3/4	2-1/8	2-11/16
5	50	3/4 & 1	3-9/32	3-1/2
10	110	3/4, 1, 1-1/4	3-9/32	5-3/4
20	145	3/4, 1, 1-1/4	3-9/32	7-3/8
30	260	1-1/2	4-9/32	9-3/4
50	280	1-1/2 & 2	4-9/32	9-3/4
75	350	2-1/2, 3	5-7/16	12-1/2
100	450	2-1/2, 3	5-7/16	12-1/2
150	675	3	5-7/16	17-3/4

NIPPLE STYLE (All-metal construction)

GPM RATING	SCREEN AREA (Sq. Inches)	NPT (Pipe Size)	OVERALL DIMENSIONS	
			Diameter	Length
2	30	1/4, 1/2	1-1/4	4-3/8
3	40	3/8, 3/4	2-1/16	2-7/8
5	62	3/4, 1	3-1/16	3-11/16
10	125	1	3-1/16	6
20	162	1-1/4	3-1/16	7-9/16
30	310	1-1/2	4	9-3/4
50	340	1-1/2, 2	4	9-3/4
75	400	2-1/2, 3	5-1/16	12-5/8
100	500	2-1/2, 3	5-1/16	12-3/4