



Sump Strainers

A49 Aluminum Nuts

Aluminum Hex Pipe Nut Coupling:

In a full range of NPT sizes, 3/8" thru 6". Welded on.

Steel Support Tube:

Provides rigidity, permits easy cleaning and better flow.

Pleated, Reusable Stainless Wire Cloth:

Keeps its shape and allows better flow. For use with hydraulic fluids, oils, coolants, cutting oils and lubricants. Excellent for mobile equipment. Easily cleaned. Choice of 30, 60, 100 or 200 mesh. See Ordering Code.

Plated Steel Cap End:

Epoxy-bonded for one-piece construction.

Trouble-Free Positive Protection:

No organic elements to deteriorate. These smooth, one-piece, epoxy-bonded units are carefully and compactly constructed with quality materials throughout. They assure trouble-free, positive protection for the entire system. Excellent for mobile equipment.

Easily Installed and Cleaned:

Easily removed and cleaned with gasoline and similar solvents.

OPTIONAL:

Bypass Valves

3 P.S.I./ 6" HG \pm 10% / 5 P.S.I./ 10" HG \pm 10%

Operating Temperature

15F° (-9 C) to 212 F° (100C)

Magnetic Bands

Optional magnets are available



Aluminum
Die Cast
Hex

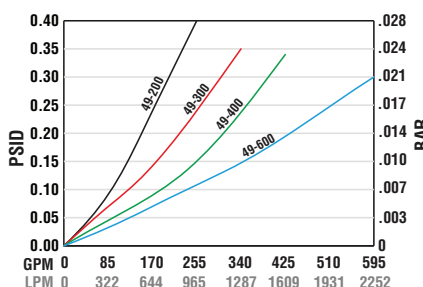
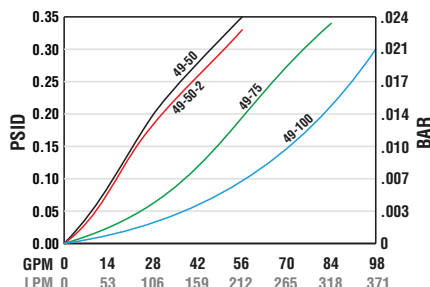
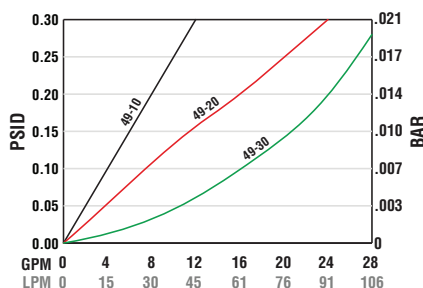
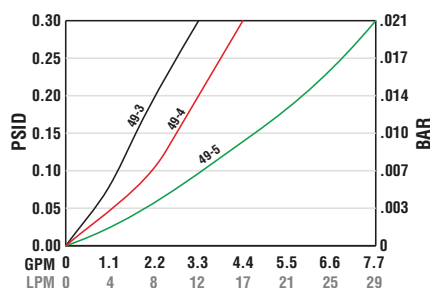
A49-SERIES

OPTIONAL
Built-in relief valve to
prevent pump starvation
Add R3 or R5



A49-XX-XXX-MAG

49 Series Performance Graphs



Temperature 100° F Viscosity 15 SUS
Average pressure drop through clean strainer

See Technical Bulletin TB.FIL17.708, TB.FIL19.708, or further information at
(Technical Data – www.lenzinc.com)



Strainer Ordering Code

A49 — 20 — R3 — 100 — MAG

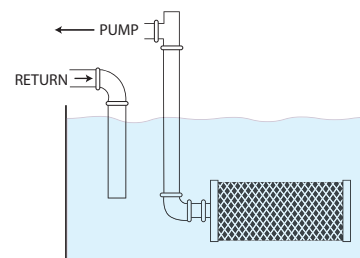
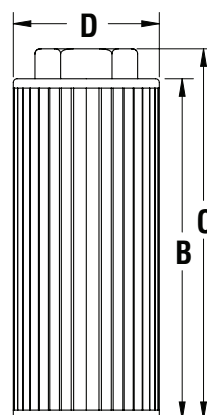
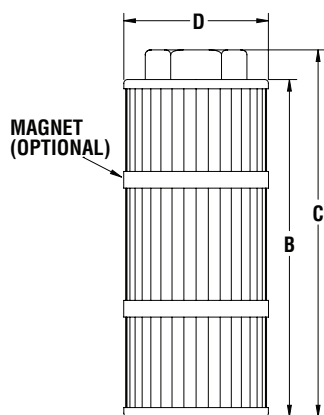
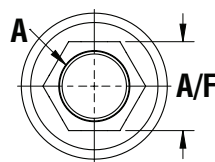
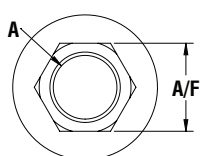
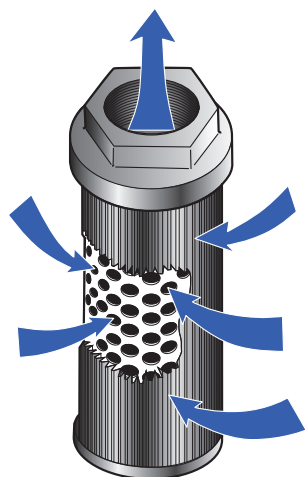
SERIES
A49

FLOW	SIZE
2	1/4" NPT
3	3/8" NPT
5	1/2" NPT
8	3/4" NPT
10	1" NPT
20	1 1/4" NPT
30	1 1/2" NPT
50	1 1/2" NPT
50-2	2" NPT
75	2 1/2" NPT
100	3" NPT
150	3" NPT
450	6" NPT

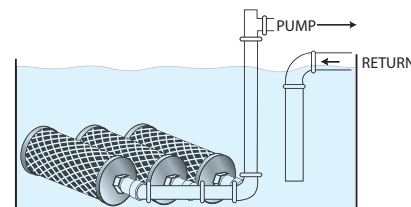
BYPASS	
OMIT	NO BYPASS
R3	3 PSI BYPASS
R5	5 PSI BYPASS

MESH	
100	100 MESH (STANDARD)
30	30 MESH
60	60 MESH
200	200 MESH

OPTIONS	
OMIT	
MAG	MAGNETS



Typical Single Unit Installation



Typical Multiple Unit Installation

Dimensional Details

FLOW MODEL	GPM / LPM	NPT PORT	A	B	C	D	HEX A/F	AREA IN ² / (CM) ²
A49-2	2 GPM 8 LPM	IN MM	1/4	3.1 77	3.5 90	1.8 46	0.9 24	29 (187)
A49-3	3 GPM 11 LPM	IN MM	3/8	3.1 77	3.5 90	1.8 46	0.9 24	29 (187)
A49-5	5 GPM 20 LPM	IN MM	1/2	3.7 94	4.1 105	1.8 46	1.2 30	35 (226)
A49-8	8 GPM 30 LPM	IN MM	3/4	3.7 94	4.3 109	2.5 64	1.4 35	63 (406)
A49-10	10 GPM 40 LPM	IN MM	1	4.9 124	5.5 139	2.5 64	1.8 46	84 (542)
A49-20	20 GPM 80 LPM	IN MM	1 1/4	4.9 125	5.5 139	3.4 86	2 51	144 (929)
A49-30	30 GPM 120 LPM	IN MM	1 1/2	6.1 154	6.6 168	3.4 86	2.4 60	180 (1161)
A49-50	50 GPM 200 LPM	IN MM	1 1/2	7.3 186	7.9 200	3.4 86	2.4 60	216 (1393)
A49-50-2	50 GPM 200 LPM	IN MM	2	9.6 245	10.2 260	3.9 100	2.8 70	315 (2032)
A49-75	75 GPM 285 LPM	IN MM	2 1/2	7.3 186	8.31 211	5.91 150	3.54 90	432 (2787)
A49-100	100 GPM 380 LPM	IN MM	3	9.7 247	10.7 272	5.9 150	3.9 100	570 (3677)
A49-150	150 GPM 600 LPM	IN MM	3	12.6 320	13.6 345	5.9 150	3.9 100	750 (4838)
A49-450	450 GPM 1704 LPM	IN MM	6	18 457	20 510.5	8.0 205	7 177.8	1840 (11870)



AN-WM Weld Adapter
See page 50a