



## Sump Strainers - Water

### WN-49-SS

**Nylon Hex:** NPT sizes, 2" thru 3".

**Stainless 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 water, 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.

**Nylon 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.

**Easily Installed and Cleaned:**  
Easily removed and cleaned with gasoline and similar solvents.

**OPTIONAL:**

For other sizes Consult Factory (made to order).

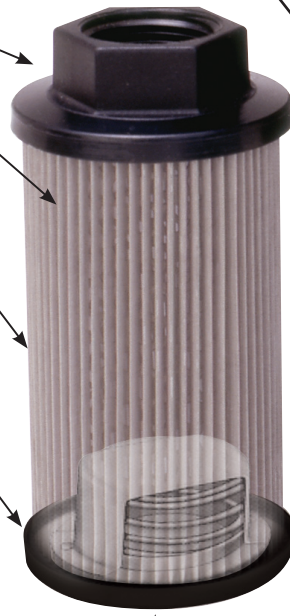
**Optional Bypass Valves**

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)

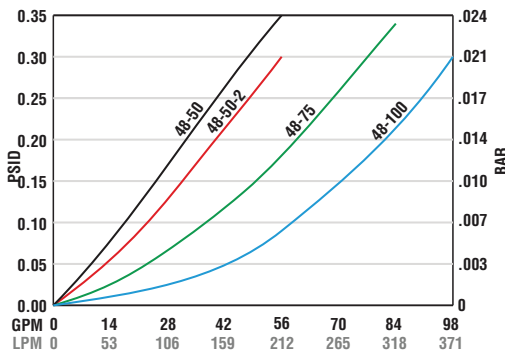
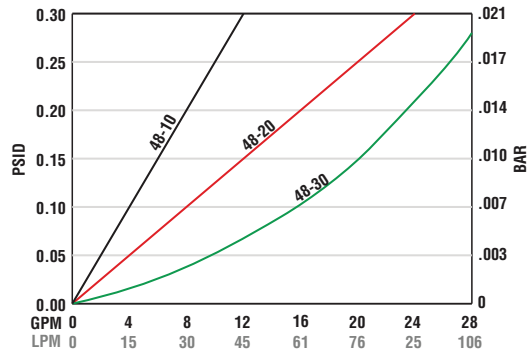
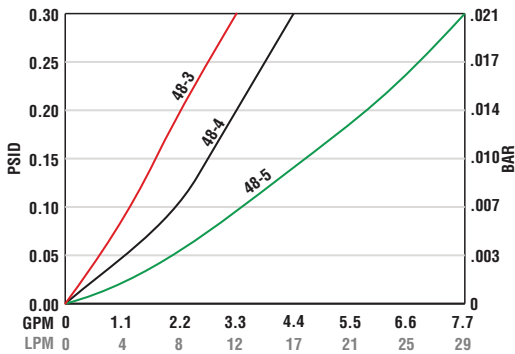
WN-49-SERIES  
Nylon Hex Nut  
& End Cap



WN-A49-XX-XXX-MAG

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

**48 Series Performance Graphs**



Temperature 100° F Viscosity 150 SUS  
Average pressure drop through clean strainer

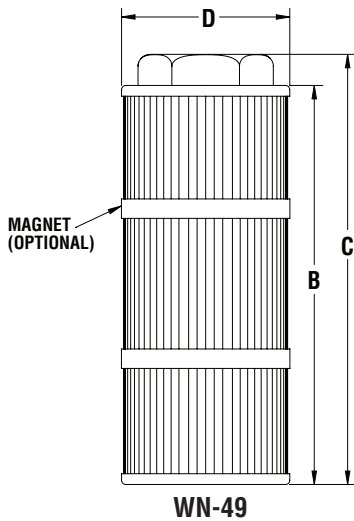
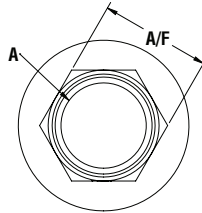
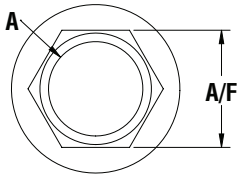
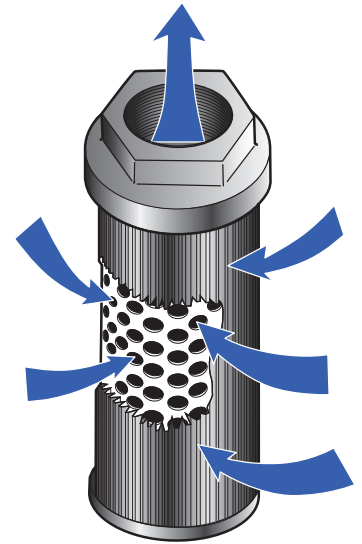
See Technical Bulletin TB.FIL17.708, TB.FIL19.708, or further information at (Technical Data – www.lenzinc.com)



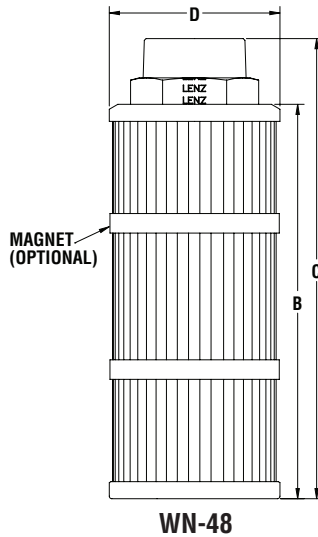
## Strainer Ordering Code

WN-49 — 50 — R3 — 100 — SS

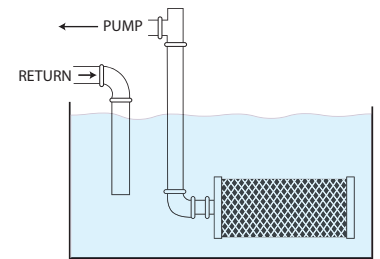
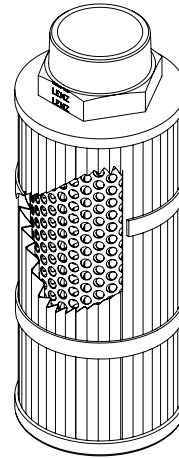
SERIES	FLOW	SIZE	BYPASS			MESH	
WN-49	50-2	2" NPT	OMIT	NO BYPASS		100	100 MESH (STANDARD)
	75	2 1/2" NPT	R3	3 PSI BYPASS		30	30 MESH
	100	3" NPT	R5	5 PSI BYPASS		60	60 MESH
						200	200 MESH



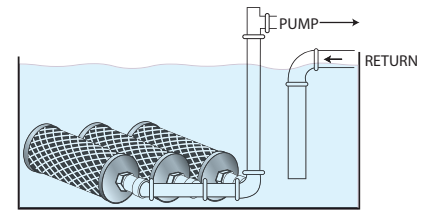
WN-49



WN-48



Typical Single Unit Installation



Typical Multiple Unit Installation

WF-SS Weld Flange  
See page 48a



## Dimensional Details

MODEL	FLOW		A	B	C	D	AREA IN <sup>2</sup> (CM) <sup>2</sup>	A/F HEX
WN-49-50-2	50 GPM 200 LPM	IN MM	2"	8.6 219.5	10 254	4 102	340 (2193)	2.76 70
WN-49-75	75 GPM 285 LPM	IN MM	2-1/2"	8.5 215.5	10.2 254	5.2 131	400 (2580)	3.35 85
WN-49-100	100 GPM 380 LPM	IN MM	3"	10.1 256.5	11.8 300	5.2 131	500 (3225)	3.74 95
WN-48-50-2	50 GPM 200 LPM	IN MM	2"	9.09 231.1	10.6 269.6	4.02 102	320 (2064)	2.6 65
WN-48-75	75 GPM 285 LPM	IN MM	2-1/2"	9.09 231.1	10.9 276.6	5.2 131	370 (2387)	3.3 85
WN-48-100	100 GPM 380 LPM	IN MM	3"	10.4 264.2	12.1 309.7	5.2 131	480 (3096)	3.9 100