



LTMAB Series

Designed for ease of servicing.
Access to tank interior is not necessary

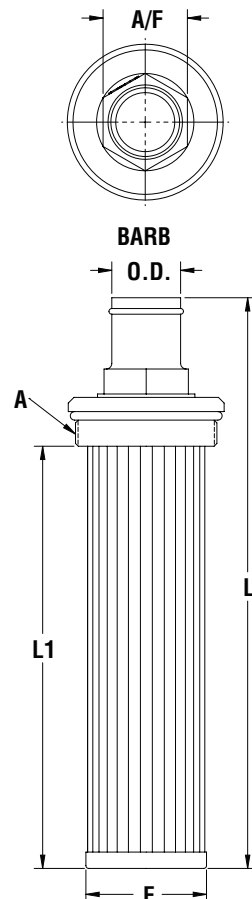
Specifications:

- 17/8"-12 SAE thru 33/8"-12 SAE connections
- 1" to 2" Hose Bead
- Forged Zinc plated fitting
- 100 mesh stainless steel mesh
- Buna O-Ring

Options:

- Optional relief valve available
- Specify bypass – R3 or – R5
- 30, 60, 200 mesh available
- Viton O-Ring

Optional Relief
Valve Shown



Dimensional Details

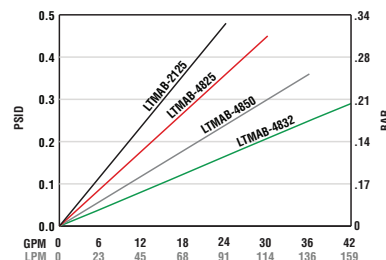
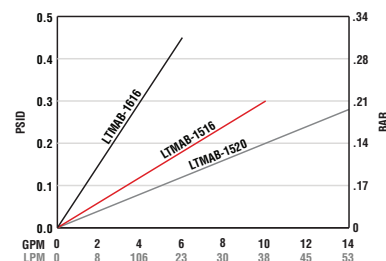
Model Number	Flow	A SAE		OD Barb	L	L1	A/F	E	Area (cm)
LTMAB-1616	4 GPM 16 LPM	1 5/16"	in mm	1 25.4	5.51 140	3.15 80	1.50 38	1.12 28.5	42 271
LTMAB-1516	10 GPM 40 LPM	1 7/8-12	in mm	1 25.4	9.25 235	6.69 170	1.25 31.75	1.65 42	100 645
LTMAB-1520	15 GPM 60 LPM	1 7/8"-12	in mm	1.25 31.8	9.25 235	7.28 185	1.25 31.75	1.65 42	109 708
LTMAB-2125	15 GPM 60 LPM	2 1/2-12	in mm	1.25 31.8	10.00 254	7.40 188	1.50 38.1	2.13 54	160 1032
LTMAB-4825	20 GPM 80 LPM	3 3/8-12	in mm	1.25 31.8	10.31 262	7.20 183	2.00 50.8	3.07 78	230 1484
LTMAB-4850	30 GPM 120 LPM	3 3/8-12	in mm	1.5 38.1	10.31 262	7.20 183	2.00 50.8	3.07 78	230 1484
LTMAB-4832	40 GPM 160 LPM	3 3/8-12	in mm	2 50.8	10.83 275	7.20 183	2.50 63.5	3.07 78	230 1484
LTMAB-37548	90 GPM 355 LPM	3 3/4-12	in mm	3 76.2	12.5 317	8.9 226	3.23 82	3.35 85	315 2030

*See Page 48-49a for LWBA, WFA Series, Weld Bushings and Flanges
Pressure drop will be < 2PSI

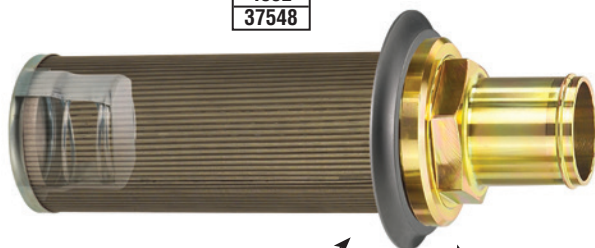
Strainer Ordering Code

LTMAB – 1516 – R3 – 100

Series	Flow	Bypass	Mesh
LTMAB	1616	Omit No Bypass	100 100 Mesh
	1516	R3 3 PSI Bypass	(Standard)
	1520	R5 5 PSI Bypass	30 30 Mesh
	2125		60 60 Mesh
	4825		200 200 Mesh
	4850		
	4832		
	37548		



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



WFA-32
(page 48a)

LTMAB-2125
Strainer

Mounting Details:
Mount through sidewall or through tank top and
into standpipe. See page 52a for details.

See Technical Bulletin TB.FIL17.708, TB.FIL19.811, or further
information at (Technical Data – www.lenzinc.com)



FILTERS – ACTUAL SIZE MESH

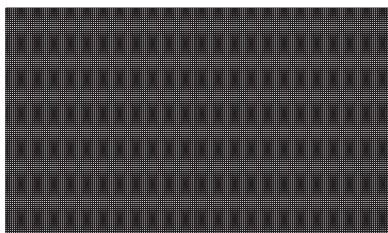
LENZ Cleanable Wire Cloth Filters are equipped with Stainless Steel Wire Cloth Elements. The filtering insert elements are available from a coarse 30 mesh up to a fine 200 mesh. To better illustrate mesh sizes, we have shown below the actual size mesh of the 100, 80, 60, 50, 40, and 30 mesh stainless steel wire screen. **The most common are 200, 100, 60, and 30 Stainless Steel Wire Mesh Screen.**
(100 Mesh LENZ Standard)

200 Mesh

Wire diameter .0021
Width of opening .0029
Microns = 74
33.6% of open area

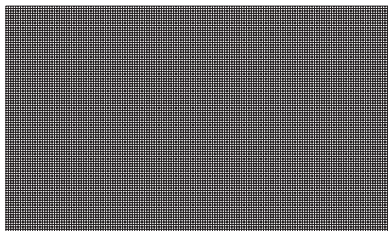
150 Mesh

Wire diameter .0026
Width of opening .0041
Microns = 105



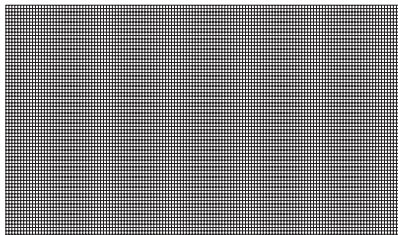
100 Mesh

Wire diameter .0045
Width of opening .0055 = 141 Microns
30.3% of open area



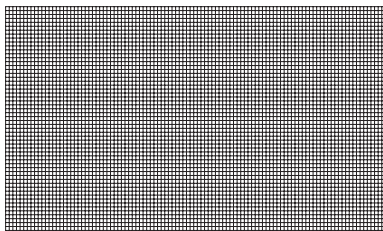
80 Mesh

Wire diameter .0055
Width of opening .0070 = 180 Microns



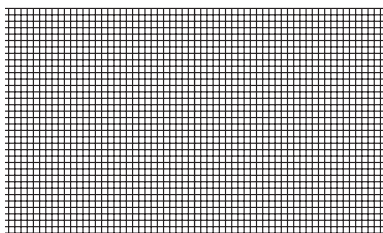
60 Mesh

Wire diameter .0065
Width of opening .0102 = 262 Microns
37.5% of open area



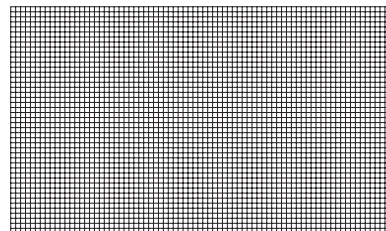
50 Mesh

Wire diameter .0080
Width of opening .0120 = 308 Microns



30 Mesh

Wire diameter .0120
Width of opening .0213 = 546 Microns
44.8% of open area



40 Mesh

Wire diameter .0100
Width of opening .0150 = 385 Microns
36% of open area

$$\beta_x = \frac{\text{Number of Particles greater than X microns upstream}}{\text{Number of particles greater than X Microns downstream}}$$

$$\beta_5 = 10/1 = 10$$

