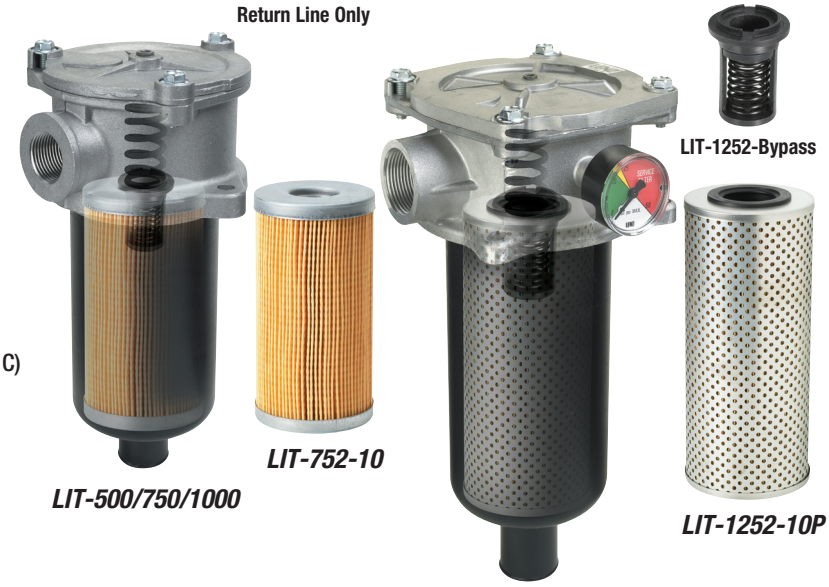
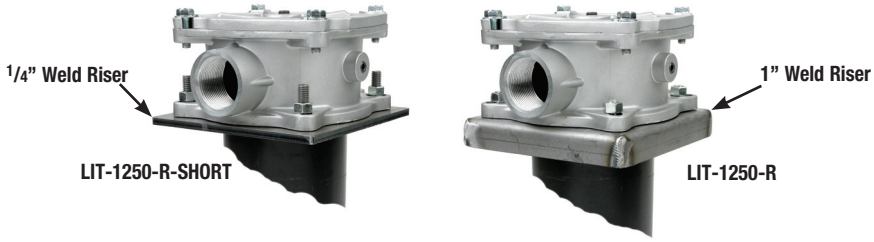
In-Tank Filters
Disposable Filter Cartridge Type

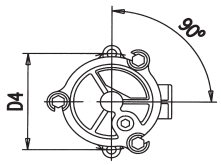
Return Line Application
Model "LIT" Series LIT-500, 750, 1000, 1250

Specifications
- Working pressure 100 P.S.I. (7 Bar)
- Operating Temperatures -22° F to +212° F (-32° C to +100° C)
- Flows to 55 GPM (208 LPM) Return
- 1/2", 3/4", 1", 1 1/4", Ports Aluminum casting
- Buna Seals
- For use with petroleum based, high water - (HWCF) water glycols and water/oil emulsions fluids
- Nylon bowl
- 3-10 (lbs), 1.4-4.5 (kgs) shipping weight
- 25 P.S.I.D. bypass option for return
- LIT 500, 750, 1000 have magnet on lid

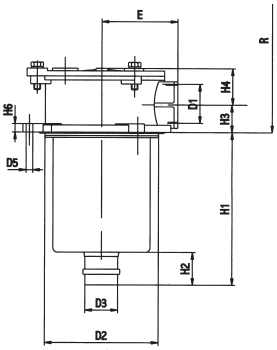
Options
- NPT or SAE Ports
- 10, 25 micron cellulose, synthetic elements
- Water absorbing elements (Series 1250 only)
- Visual indicators
- 140 Micron Wire Mesh elements (Series 1250 only)
- Dual ports available on 1250 Series
- Weld Riser Available for LIT-1250 Series
  (see Tech Bulletin: TB.FIL.06.708)

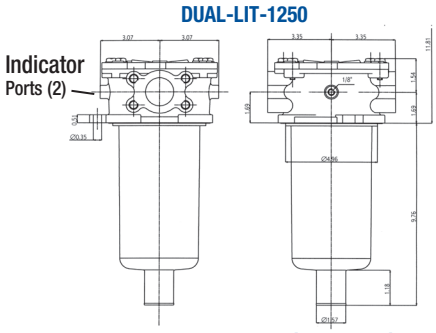




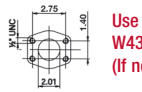


LIT-500/750/1000





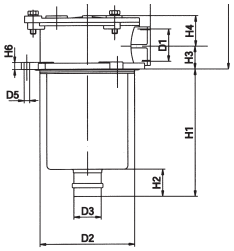
DUAL-LIT-1250

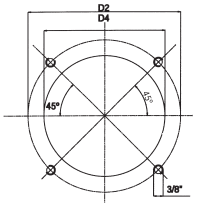


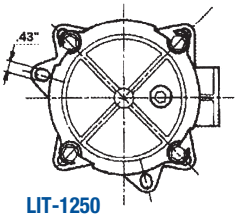
Use Lenz Flange
W43-24-24
(If needed)

American Mounting

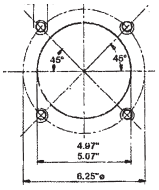
European Mounting

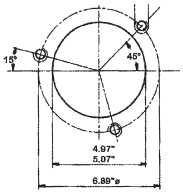






LIT-1250

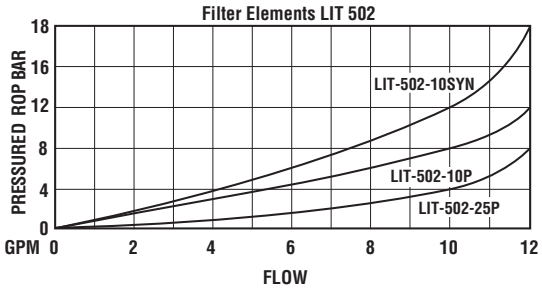


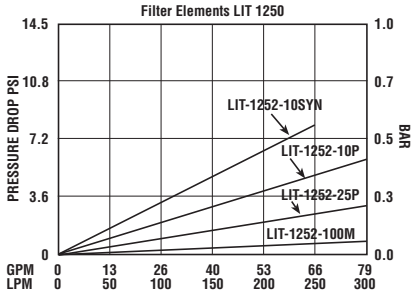


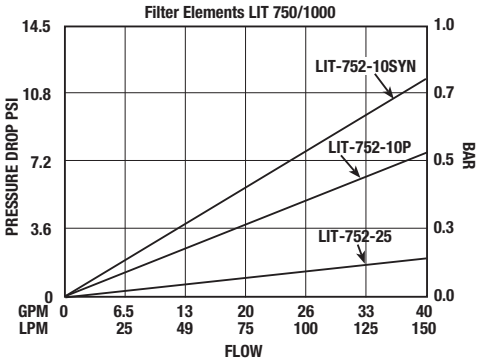
The mounting flange has 6 holes, allowing choice of mounting configurations:
Four mounting holes on 6.25" bolt circle (American Standard)
Three mounting holes on 6.88" bolt circle (European Standard)
(LIT-1250 / DUAL-LIT-1250)

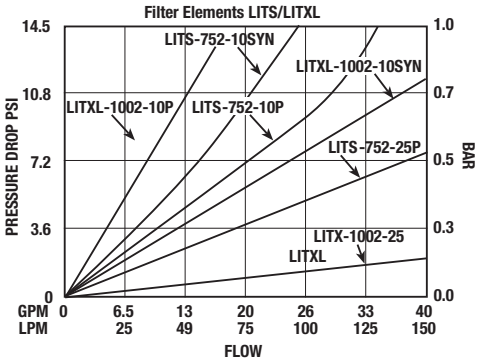
Dimensional Detail

MODEL NUMBER	PORT D1 NPT, SAE		D2	D3	D4	D5	E	H1	H2	H3	H4	H6	REMOVAL R
LIT 500	1/2 NPT	IN	3.50	0.75	3.54	0.28	2.09	3.50	0.59	0.94	1.06	0.31	5.19
	3/4-16 SAE	MM	89	19	90	7	53	89	15	24	27	7.8	132
LITS 750	3/4	IN	4.09	0.87	4.53	0.33	2.56	4.09	0.98	1.10	1.42	0.35	5.91
	1 1/16	MM	104	22	115	8.5	65	104	25	28	36	9	150
LIT-750	3/4, 1 NPT	IN	4.09	0.87	4.53	0.33	2.56	6.02	0.98	1.10	1.42	0.35	7.48
LIT-1000	1 1/16, 1 5/16-12	MM	104	22	115	8.5	65	153	25	28	36	9	190
LITXL 1000	1 NPT	IN	4.09	0.87	4.53	0.33	2.56	8.70	0.98	1.10	1.42	0.35	9.17
	1 5/16-12	MM	104	22	115	8.5	65	221	25	28	36	9	233
LIT 1250	1 1/4 NPT	IN	5.12	1.58	6.89	0.41	3.73	9.76	1.97	1.38	2.21	0.51	11.60
LITA-1250	1 5/8-12 SAE	MM	130	40.1	175	10.4	94.7	247.9	50	35	56	12.9	294.6
DUAL-LIT-1250													









Temperature 100°F Viscosity 150SUS

Average Pressure drop through clean assembly with 150 SUS oil at 100F

Ordering Code

LIT — 1250 — 10 — P — T — MC-20

SERIES	
LIT	NPT
LITA	SAE
DUAL-LIT	NPT (1250 only)
LITS	SHORT (750 only)
LITXL	LONG (1000 only)

MODEL	PORT SIZE
500	1/2"
750	3/4"
1000	1"
1250	1 1/4"

MEDIA	MODEL	
10	10 MIC CELLULOSE	ALL
10SYN	10 MIC SYNTHETIC	ALL
10WR	10 MIC WATER ABSORPTION	1250
25	25 MIC CELLULOSE	ALL
100M	140 MIC SS WIRE MESH	1250

BYPASS	
P	(25 P.S.I.)

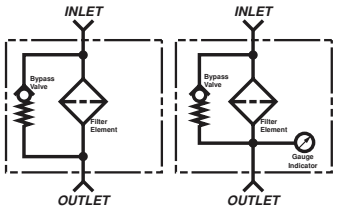
IND. PORTS	
OMIT	NONE
T	1/8 NPT RETURN

INDICATING GAUGES	
(T)	MC-20
(T)	CP-2
(T)	GLY-MC-20
	OMIT

NOTE: Indicators Page 28a

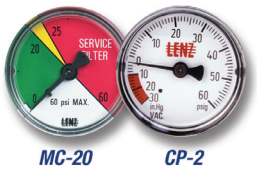
Replacement Elements

MODEL NUMBER	MEDIA	IN	CM	B=2/20/75
LIT502-10P	10 MICRON CELLULOSE	110	710	6µ/8µ/13µ
LIT502-25P	25 MICRON CELLULOSE	110	710	24µ/35µ/43µ
LIT502-10SYN	10 MICRON SYNTHETIC	78	500	3µ/5.5µ/12µ
LITS-752-10P	10 MICRON CELLULOSE	190	1225	6µ/8µ/13µ
LITS-752-25P	25 MICRON CELLULOSE	190	1225	24µ/35µ/43µ
LITS-752-10SYN	10 MICRON SYNTHETIC	136	875	3µ/5.5µ/12µ
LIT-752-10P	10 MICRON CELLULOSE	380	2450	6µ/8µ/13µ
LIT-752-25P	25 MICRON CELLULOSE	380	2450	24µ/35µ/43µ
LIT-752-10SYN	10 MICRON SYNTHETIC	271	1750	3µ/5.5µ/12µ
LITXL-1002-10P	10 MICRON CELLULOSE	620	4000	6µ/8µ/13µ
LITXL-1002-25P	25 MICRON CELLULOSE	620	4000	24µ/35µ/43µ
LITXL-1002-10SYN	10 MICRON SYNTHETIC	450	2900	3µ/5.5µ/12µ
LIT-1250-10P	10 MICRON CELLULOSE	1120	7220	6µ/8µ/13µ
LIT-1250-25P	25 MICRON CELLULOSE	1120	7220	24µ/35µ/43µ
LIT-1250-10SYN	10 MICRON SYNTHETIC	1120	7220	3µ/5.5µ/12µ
LIT-1250-100WR	10 MICRON WATER REMOVAL	452	2916	10µ/18µ
LIT-1250-100M	140 MICRON WIRE MESH	310	1991	140µ



LIT-1252 Elements meet HF 4 Specifications

For indicator gauge specifications see page 28a



MC-20

CP-2