



In-Tank Filters Disposable Filter Cartridge Type

Return Line Application
Series LITA-1010

Specifications

- Working pressure 100 PSI (7 Bar)
- Operating Temperatures -22° F to +212° F (-32° C to +100° C)
- Flows to 40 GPM (160 LPM) Return
- 1" Port Aluminum casting
- Buna Seals
- For use with petroleum based, high water water glycols and water/oil emulsions fluids
- Nylon bowl
- 3 (lbs), 1.4 (kgs) shipping weight

Options

- 1" NPT Ports
- 10, 25 micron cellulose, synthetic elements
- 25" PSI bypass
- Visual Indicator

LITA-1010 Series

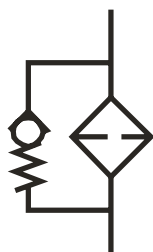
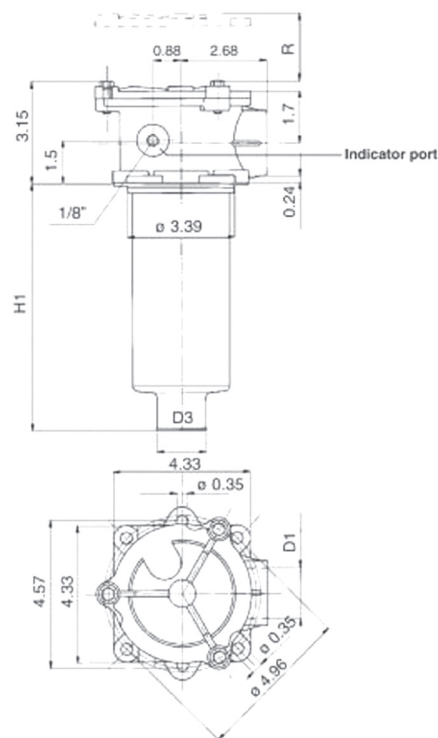


LIT-1012

Dimensional Detail

Model Number	D1	Tank Hole	D3	H1	Element Replacement	Weight Lbs
LITA-1010	1 5/16"-12 SAE	3.5	1.6	9.3	11.2	2.8

R= Element removal clearance 11.2"



Ordering Code

LITA — 1010 — 10 — P — MC-20

SERIES	PORT TYPE
LITA	SAE
LIT	NPT

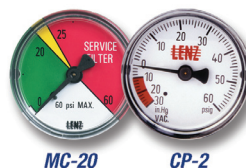
MODEL
1010

MEDIA	MODEL
10	10 MICRON
10 SYN	10 MICRON
30	25 MICRON

BYPASS
R (25 P.S.I.)

IND
MC-20
CP-2
GLY-MC-20
OMIT
T RETURN PORTS ONLY

For indicator gauge specifications see page 28a

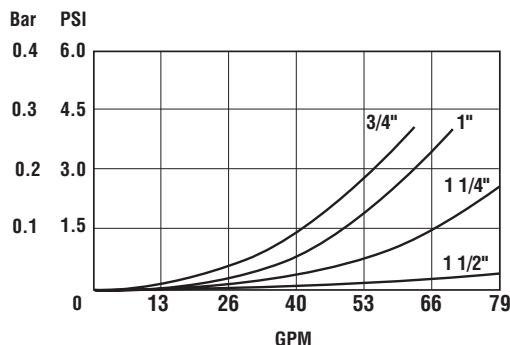


PRESSURE DROP (Δp) CURVES

The "Assembly Pressure Drop (Δp): is obtained by adding the pressure drop values of the Filter Housing and of the Clean Filter Element corresponding to the considered Flow Rate and it must be lower than 70 psi (0.5 bar).

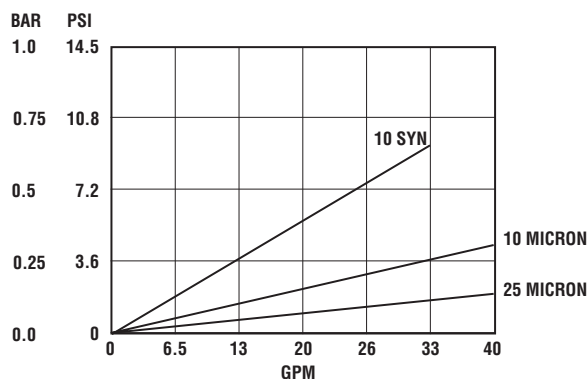
FILTER HOUSING PRESSURE DROP

(mainly depending on the port size)



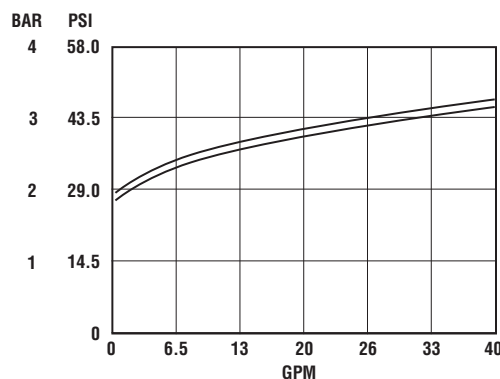
CLEAN FILTER ELEMENT PRESSURE DROP

(depending both on the internal diameter of the element and on the filter media)

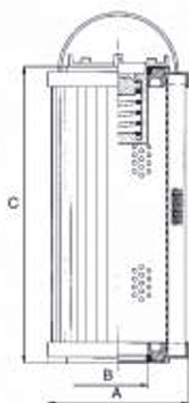


BYPASS VALVE PRESSURE DROP

When selecting the filter size, these curves must be taken into account if it is foreseen that any flow peak is to be absorbed by the bypass valve, is also must be of proper configuration to avoid pressure peaks. The valve pressure drop is directly proportional to fluid specific gravity.



N.B. All the curves are obtained from test done at the Laboratory, according to the specification ISO 3968. In case of discrepancy, please check the contamination level, viscosity and features of the fluid in use.



Dimensional Detail

Element	A	B	S	Area In.
LIT-1012-10SYN	2.76	1.57	8.27	65.4
LIT-1012-10	2.76	1.57	8.27	105
LIT-1012-25	2.76	1.57	8.27	105