



Canister Filters/Disposable Type

Suction or Return Line Application Model Series CP-500, 750, 1010

Specifications

- Working pressure 200 P.S.I. (14 Bar) 80 PSI ΔP w/o bypass
- Operating Temperatures -22° F to +212° F (-32 C to +100 C)
- Flows to 25 GPM (96 LPM) Return
- Flows to 5 GPM (19 LPM) Suction
- 1/2", 3/4", 1" Ports
- Aluminum Casting — Die Cast
- Buna Seals
- Compatible with mineral oils HH, HL, HM, HR, HV, HG, according to ISO 6743/4
- Element post threads 1"-12 UNF
- 2.2 (lbs.), 1 (kgs.) shipping weight

Options

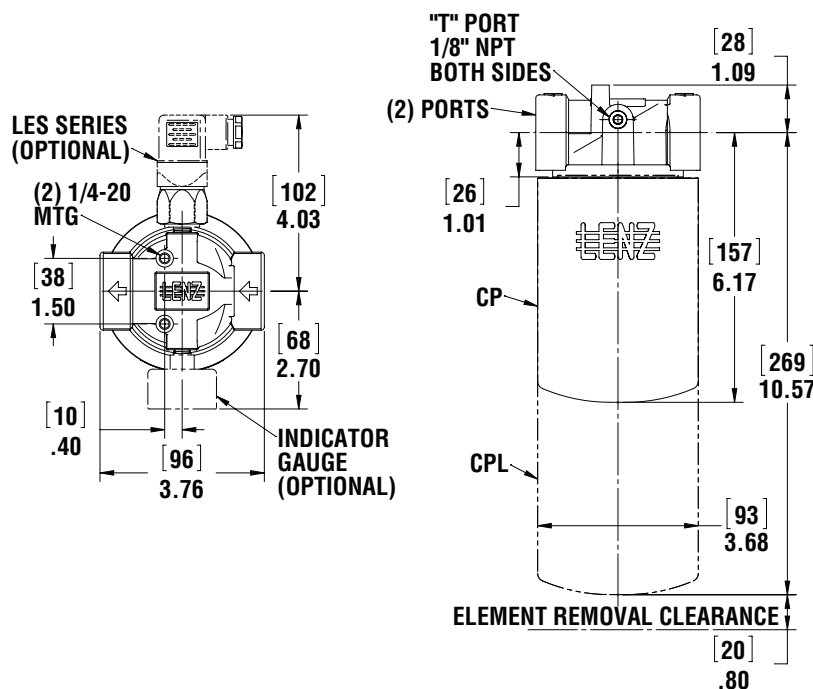
- NPT or SAE Ports (CP-500, 750, 1010)
- 3, 6, 10, 25, micron cellulose, synthetic elements
- Water absorbing elements -10 micron
- 100 wire mesh element
- Visual or electrical indicators
- 2.5, 5, 15, 25, blocked bypass options for suction or return



CP-500, CP-750,
CP-1010 Series



CP-752



CP-501
CP-751
CP-1011

Filter Head Ordering Code

CP - 751 - R - T - *

SERIES
CP NPT
CPA SAE

MODEL
501
751
1011

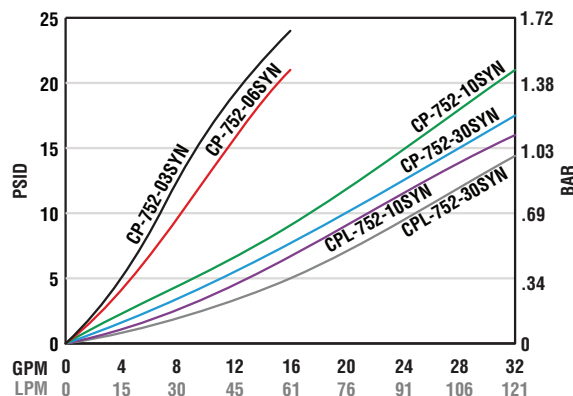
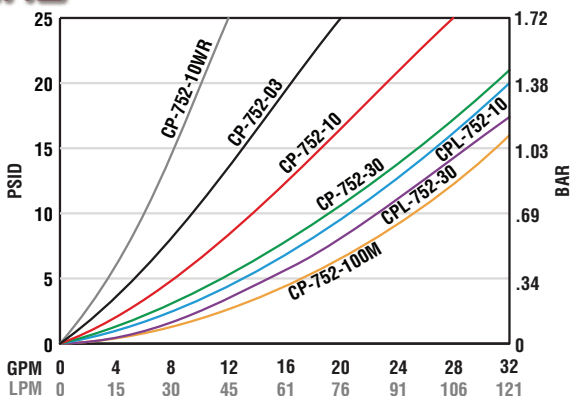
BYPASS
P (15 PSI)
H (2.5 PSI)
R (25 PSI)
V (5 PSI)
B (NONE)

IND. PORTS
OMIT NONE
T 1/8 NPT RETURN
S 1/8 NPT SUCTION

INDICATING GAUGES
OMIT
(T) MC-12
(T) MC-20
(T,S) CP-2
(T) GLY-MC-20
(S) 135080
(S) VAC-3-20
DP-75
(T) LES-P1
(T) LES-P2
(S) LES-V1

CPA not available on CP-755 head

See Technical Bulletin TB.FIL04.708, TB.FIL09.708, TB.FIL11.708, TB.FIL13.708, TB.FIL16.708, for further information at (Technical Data – www.lenzinc.com)



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

Assembly Ordering Code

CP — * — 750 — 10 — P — T

SERIES		ELEMENT LENGTH		MODEL	LENGTH		BYPASS		IND. PORTS	
CP	NPT	*OMIT	STD.	500	MEDIA	MODEL	P	(15 PSI)	OMIT	NONE
CPA	SAE	L	EXTD.	750	3	3 MICRON	H	(2.5 PSI)	T	1/8 NPT RETURN
				1010	10	10 MICRON	R	(25 PSI)	S	1/8 NPT SUCTION
					30	25 MICRON	V	(5 PSI)		
					3SYN	3 MICRON	B	(NONE)		
					6SYN	6 MICRON				
					10SYN	10 MICRON				
					30 SYN	25 MICRON				
					10WR	10 MICRON				
					100	140 MICRON				

For indicator gauge specifications and ordering information see pages 34a-35a



Replacement Elements

MODEL NUMBER	MEDIA TYPE MICRON	IN ² AREA	CM ² AREA	ELEMENT THREAD	RATING B(X)=2/20/75	DIRT HOLDING CAPACITY (Grams)
CP-752-03	3 MICRON CELLULOSE	390	2516	1"-12 UNF	2/5μ	19
CP-752-10	10 MICRON CELLULOSE	550	3548	1"-12 UNF	9/22/24μ	14
CP-752-30	25 MICRON CELLULOSE	550	3548	1"-12 UNF	29/46/54μ	20
CPL-752-10	10 CELLULOSE	940	6064	1"-12 UNF	9/22/24μ	22
CPL-752-30	25 CELLULOSE	940	6064	1"-12 UNF	29/46/54μ	31
CP-752-03SYN	3 MICRON SYNTHETIC	366	2361	1"-12 UNF	2/3/4μ	19
CP-752-06SYN	6 MICRON SYNTHETIC	366	2361	1"-12 UNF	5/6/8μ	22
CP-752-10SYN	10 MICRON SYNTHETIC	366	2361	1"-12 UNF	4/10/12μ	11
CP-752-30SYN	25 MICRON SYNTHETIC	366	2361	1"-12 UNF	8/25/30μ	26
CPL-752-10SYN	10 MICRON SYNTHETIC	562	3625	1"-12 UNF	4/10/12μ	33
CPL-752-30SYN	25 MICRON SYNTHETIC	562	3625	1"-12 UNF	8/25/30μ	34
CP-752-10WR	10 MICRON WATER ABSORPTION	175	1129	1"-12 UNF	10μ/18μ	5.5 ounces
CP-752-100M	100 SS WIRE MESH	95	613	1"-12 UNF	N/A	N/A

Beta Rating Of 2 = 50 % Efficiency
Beta Rating Of 20 = 95 % Efficiency
Beta Rating Of 75 = 98.7 % Efficiency

Note: 80 P.S.I. Pressure Drop
Maximum Without Bypass Valve
In Filter Head



2" Diameter Filter Indicating Gauges



MC-12

Return Line Indicating Gauge
for 15 P.S.I. Filter Applications
2" Multi color

0-12 P.S.I. Green
12-15 P.S.I. Yellow
15-60 P.S.I. Red (Service Filter)
(To be used with "T" Indicator Port Location)



MC-20

Return Line Indicating Gauge
for 25 P.S.I. Filter Applications
2" Multi color

0-20 P.S.I. Green
21-24 P.S.I. Yellow
25-60 P.S.I. Red (Service Filter)
(To be used with "T" Indicator Port Location)



CP-2

Compound Indicating Gauge
(Suction or Return Line)

10" to 30" Vacuum is a Red Danger Area.
0-60 PSI
A Red "Change Filter" Sticker for the
Pressure side is included with each gauge
for application after the pressure factor
is determined.
(To be used with "T" or "S" Indicator Port Location)



GLY-MC-20

Glycerin Filled
Return Line Indicating Gauge
for 25 P.S.I. Filter Applications
2" Multi color

0-20 P.S.I. Green
21-24 P.S.I. Yellow
25-60 P.S.I. Red (Service Filter)
(To be used with "T" Indicator Port Location)



135080

Suction Line Indicating Gauge for
5 P.S.I. vacuum filter application
2" Multi color

0-9" HG Green
9-11" HG Yellow
11-30" HG Red (Service Filter)
(To be used with "S" Indicator Port Location)



VAC-3-20

Suction Line Indicating Gauge
for 3 P.S.I. vacuum filter applications
2" Multi color

0-3" HG Green
4-6" HG Yellow
6-30" HG Red (Service Filter)
(To be used with "S" Indicator Port Location)



Differential Indicator DP-75

Simple differential sliding
indicator which changes from
green to red at 7 P.S.I.D.

0 - 7 P.S.I.D. Green Clean
7 - 10 P.S.I.D. Red Service Filter
CP Series (500, 750, 1010, 1280,
1580)



Electrical Filter Indicators

Field Adjustable

Specifications:

- 1/8 NPT connection
- 3 AMP 12/24 VDC, 125/250 VAC IP67
- +/- 2% repeatability of full set point range @ 70° F
- Operating temperature 40°F to +250°F (-40°C to 121°C)
- 1,000,000 cycles mechanical range
- Maximum pressure 500 (25 BAR) PSI
- Steel housing, zinc plated
- Buna N diaphragm
- SPDT snap action switch

Options:

- EPDM seals -10°F – 250°F (-23°C – 121°C)
- Viton seals 0 – 250°F (-18°C – 121°C)
- Flying leads

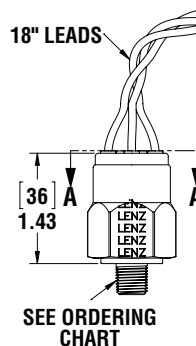
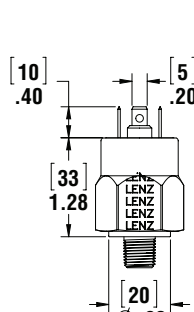
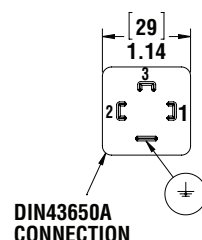
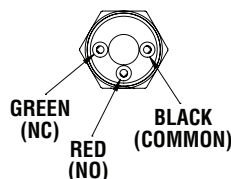
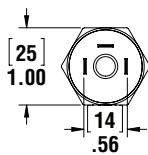


LES-FL

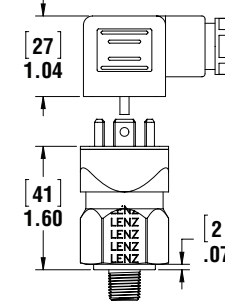


LES-HC

MODEL	ADJUSTMENT RANGE	AVERAGE DIFFERENTIAL	SET PRESSURE
P1	3-20 PSI (.2-1.4 BAR)	2-5 PSI (.13-0.4 BAR)	15 PSI
P2	15-80 PSI (1.03-6 BAR)	4-7 PSI (.27-0.5 BAR)	22 PSI
V1	5-28 IN Hg (160-948mb)	2-4 INHg (67-135mb)	5 Hg



LES-FL



LES-HC

Switch Ordering Code

LES — P1 — 2N — B — HC —

SERIES	ADJUSTMENT RANGE	THREAD	SEALS	ELECTRICAL CONNECTION	OPTIONS
LES	P1 3-20 PSI P2 15-80 PSI V1 5-30" HG RISING	2N 1/8" NPT 4N 1/4" NPT 4S 7/16"-20 6S 9/16"-18	B Buna V Viton E EPDM	FL FLYING LEADS HC DIN CLAMP	OMIT SS STAINLESS HOUSING IL IND LIGHT

Switch can be used in AC or DC Service.
For other options consult factory.

See Technical Bulletin TB.FIL23.912, or further information at
(Technical Data – www.lenzinc.com)