

# HYDRAULIC FILTERS

PRESSURE AND RETURN LINE STYLE



## CLEANER HYDRAULIC SYSTEMS REDUCE CONTAMINATION

Muncie Power's hydraulic filters reduce contamination related failures and equipment down time by ensuring cleaner hydraulic systems. We offer both nominal and absolute filtration with flow to 100 GPM.



## KEY FEATURES

- ??

## STANDARD MODEL SPECIFICATIONS

MODEL NUMBER	MODEL STYLE	MEDIA TYPE	MICRON RATING	BYPASS SETTING	PORT TYPE	PORT SIZE	GAUGE NO.*	REPLACE. ELEMENT
<b>RETURN LINE</b>								
RLF*-25	A	C	10	25	NPT (2)	-16	FG-4	RE-25
RLF*-501	B	C	10	25	NPT (2)	-20	FG-4	RE-501
RLF*-100	C	C	10	25	NPT (2)	-24	FG-4	RE-501
RLF*-101	C	C	25	25	NPT (2)	-24	FG-4	RE-101
RLF*-241-L10G25P66	A	G	10	25	NPT (2)	-16	FG-4	RE-241L10G
RLF*-501-L10G25P77	B	G	10	25	NPT (2)	-20	FG-4	RE-501L10G
<b>TANK TOP RETURN LINE</b>								
TRLF*-501	E	C	10	25	NPT (2)	-20	FG-4	TRE-501
TRLF*-503	E	C	10	15	ODT (1)	-20	FG-3	TRE-501
TRLF*-503-10G25S77	E	G	10	25	ODT (1)	-20	FG-4	TRE-50110G
49T37524	E	C	10	25	ODT (2)	-20/24	FG-4	TRE-503(2)
<b>PRESSURE LINE</b>								
PLFR-451-10C50S55**	D	C	10	50	ODT (2)	-12	NA	PRE-45110C
PLFR-451-10C50S66**	D	C	10	50	ODT (2)	-16	NA	PRE-45110C

\* Add letter G to model number to include gauge. All gauge ports are 1/8 NPT.

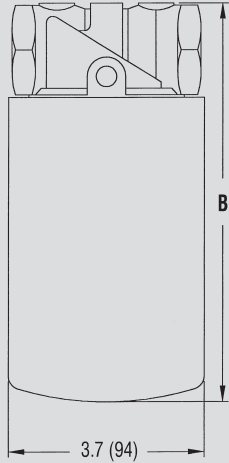
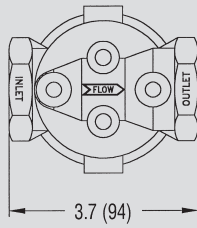
\*\* Requires two mounting kits: PLFR-451-MK.

Note: Use electrical indicator switch part no. PM-515A to replace visual indicator FG-4. Does not include wiring and panel light.

# STANDARD MODEL STYLES

## STYLE A

IN (MM)



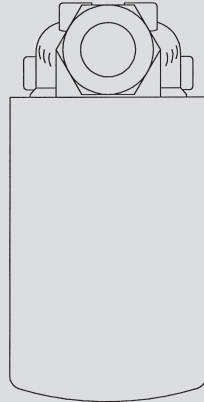
## Models

RLF\*-25  
RLF\*-241-L\*\*\*

## Dim B

07.2 (183)  
10.2 (259)

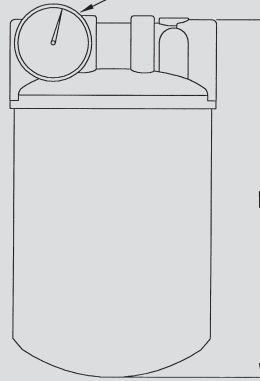
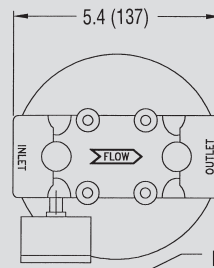
Note: Elements will not interchange between the two models



Note: Allow .63" (16) clearance for element removal

## STYLE B

IN (MM)



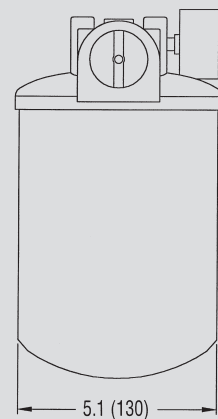
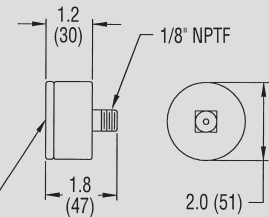
Note: Allow 1.5" (38) clearance for element removal

## Models

RLF\*-501  
RLF\*-501-L\*\*\*

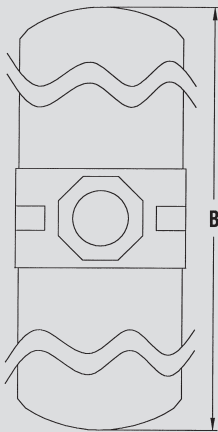
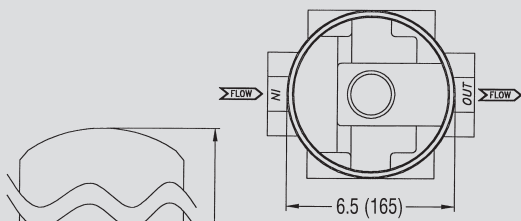
## Dim B

09.3 (236)  
13.3 (338)



## STYLE C

IN (MM)

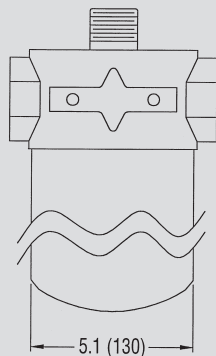
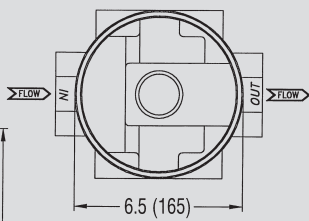


## Models

RLF\*-100  
RLF\*-101  
RLF\*-100-L\*\*\*

## Dim B

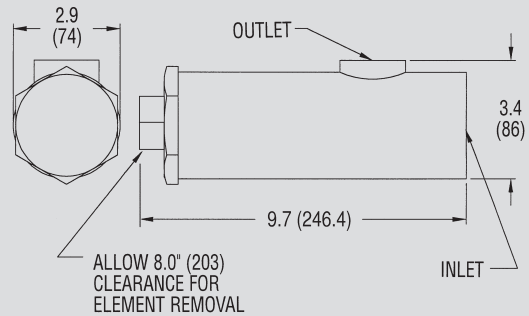
17 (432)  
25 (635)  
25 (635)



Note: Allow 1.5" (38) clearance for element removal

## STYLE D

IN (MM)



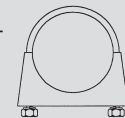
ALLOW 8.0" (203) CLEARANCE FOR ELEMENT REMOVAL

## Model

PLFR-451-\*\*\*

MOUNTING KIT

PLFR-451-MK  
2 REQUIRED



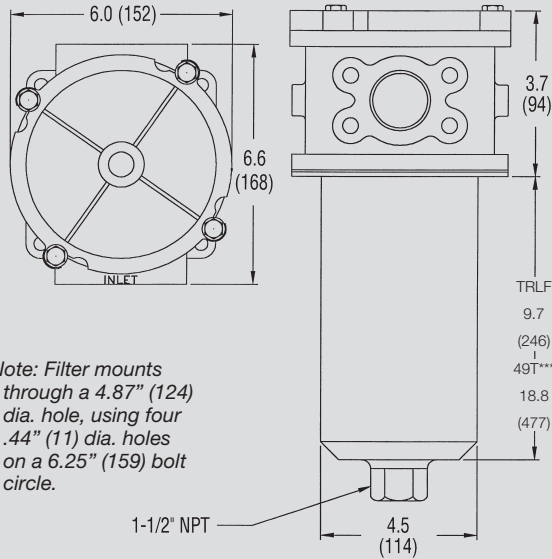
## STANDARD MODEL STYLES (CONT)

### STYLE E

IN (MM)

### Models

TRLF\*-50\*-\*\*\*  
49T37524



Note: Filter mounts through a 4.87" (124) dia. hole, using four .44" (11) dia. holes on a 6.25" (159) bolt circle.

Note: Allow 9.0" (229) clearance for element removal

## MODEL NUMBER CONSTRUCTION

**TRLF-G-50-1-L 10-G-25-P-7-7**

### Product Style

Return Line, Spin On — RLF  
Tank Top, Return, Drop In Element — TRLF  
Pressure Line, Drop In Element — PLFR

### Condition Indicator\*

Analog Gauge (Colors) — G

### Series (Max Flow Capacity)

024 GPM Max — 024 045 GPM Max — 045  
025 GPM Max — 025 050 GPM Max — 050  
027 GPM Max — 027 055 GPM Max — 055  
037 GPM Max — 037 100 GPM Max — 100

### Design Number\*

First Design — 1

### Element Length\*

Long — L

### Micron Rating

10 Micron — 10  
25 Micron — 25

### Port Size (Secondary)

See Below

### Port Size\*

5 — (-12)  
6 — (-16)  
7 — (-20)  
8 — (-24)

### Port Type

P — NPT Pipe Thread  
S — ODT Straight Thread

### Bypass Valve Setting\*

15 — 15 PSI  
25 — 25 PSI  
50 — 50 PSI

### Media Type

C — Cellulose (Paper)  
G — Microglass (300 PSI)

\* Delete for None

Note: All microglass media elements carry a Beta Rating of B10 = 75.  
All RLF style filters use spin on style elements. All others use drop in elements.



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MP15-35 (Rev. 02-15)