

F-460 & F-461 SERIES *with RIB GUIDED FLOAT*



NO METALS
in the Fluid
PATH

F-460 & F-461 BENEFITS

- Polysulfone meter body with precisely engineered float guide ribs.
- No metal in the fluid path.
- Direct reading permanent scale.
- Ideal for corrosive environments* such as Deionized Water or other applications where an all plastic meter is desirable.
- Available OEM options: Private labeling, special calibrations and alternate materials.
- Not recommended for direct sunlight.

F-460 & F-461 SPECIFICATIONS

Max. Working Pressure 150 psig (10.3 bar) @ 70°F (21°C)
 Max. Fluid Temperature PVDF adapters: 210°F (98°C) @ 0 PSI, PVC adapters: 130°F (54°C) @ 0 PSI
 Full Scale Accuracy +/- 2-1/2%
 Meter Body Material Polysulfone
 Float Material Teflon
 O-ring Seals Viton®
 Max. Pressure Drop 2 psi
 Approx. Shipping Weight... F-460 = 1 lb. (.45 kg), F-461 = 3 lb. (1.4 kg)

F-460 PIPE SIZES

1/2", 3/4", and 1" F/NPT

F-461 PIPE SIZES

1/2", 3/4", and 1" F/NPT

F-460 FLOW RATES

0.1 to 5.0 U.S. GPM
 0.4 to 20 LPM

F-461 FLOW RATES

1 to 35 U.S. GPM
 4 to 130 LPM

F-460 DIMENSIONS

Height: 10"
 Width: 1-3/4"

F-461 DIMENSIONS

Height: 15"
 Width: 2-3/4"



Optional

Butt Fusion & Socket Fusion Fittings

Available for F-460, F-461, and F-462

Polypropylene or PVDF Butt Fusion & Socket Fusion Fittings for ULTRA PURE APPLICATIONS

F-460 & F-461 ORDERING GUIDELINES

STANDARD F-460 LIQUID MODELS with F/NPT Adapters

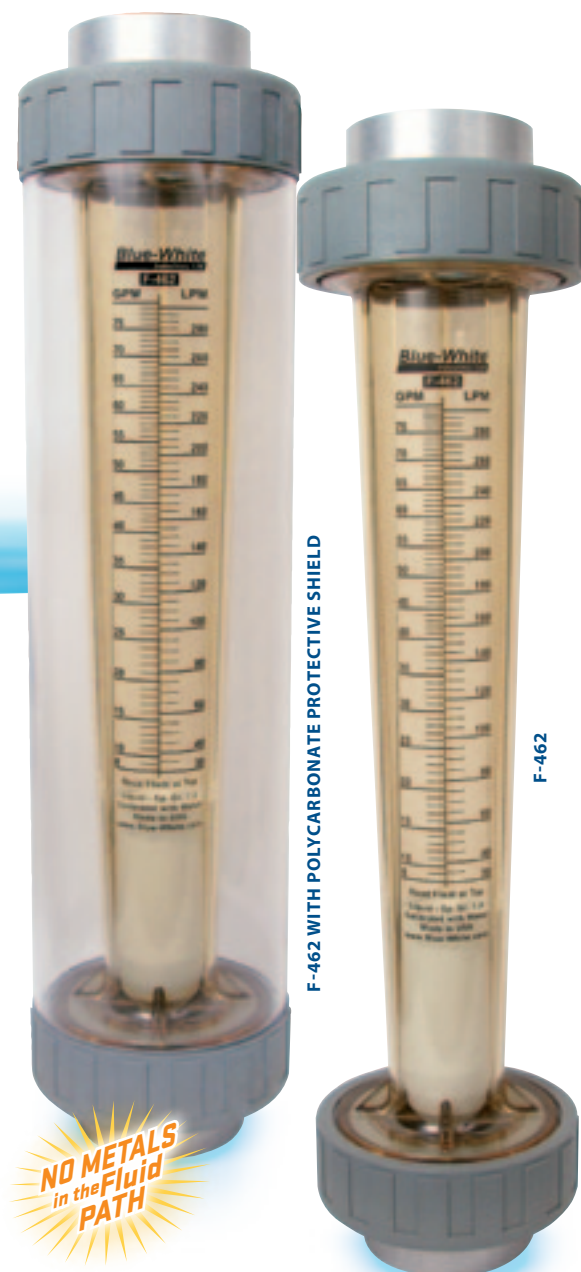
MODEL NUMBER	Pipe Size	DUAL SCALE RANGE	
		GPM	LPM
F-46010LX-08(*)	1/2"	0.1 to 1.2	0.4 to 4.4
F-46010LX-12(*)	3/4"	0.1 to 1.2	0.4 to 4.4
F-46020LX-08(*)	1/2"	0.2 to 2.0	0.8 to 8.0
F-46020LX-12(*)	3/4"	0.2 to 2.0	0.8 to 8.0
F-46030LX-08(*)	1/2"	0.3 to 3.0	1.0 to 11
F-46030LX-12(*)	3/4"	0.3 to 3.0	1.0 to 11
F-46050LX-08(*)	1/2"	0.5 to 5.0	2.0 to 20
F-46050LX-12(*)	3/4"	0.5 to 5.0	2.0 to 20

STANDARD F-461 LIQUID MODELS with F/NPT Adapters

MODEL NUMBER	Pipe Size	DUAL SCALE RANGE	
		GPM	LPM
F-461100LX-16(*)	1"	1 to 10	to 40
F-461200LX-16(*)	1"	2 to 20	5 to 75
F-461300LX-16(*)	1"	3 to 35	12 to 130

MODEL Variations

*P = PVC Adapter
 *K = PVDF Adapter
 PVC Union Nuts = replace "X" with "P"



F-462 WITH POLYCARBONATE PROTECTIVE SHIELD

F-462

NO METALS
in the Fluid
PATH

F-462 SERIES

with RIB GUIDED FLOAT

F-462 BENEFITS

- Polysulfone meter body with precisely engineered float guide ribs.
- No metal in the fluid path.
- Direct reading permanent scale.
- Ideal for corrosive environments* such as Deionized Water or other applications where an all plastic meter is desirable.
- Available OEM options: Private labeling, special calibrations and alternate materials.
- Not recommended for direct sunlight.

F-462 SPECIFICATIONS

Max. Working Pressure 150 psig (10.3 bar) @ 70°F (21°C)
 Max. Fluid Temperature 200°F (93°C) @ 0 PSI
 Full Scale Accuracy +/- 2-1/2%
 Meter Body Material Polysulfone
 Float Material Teflon
 O-ring Seals Viton®
 Max. Pressure Drop 2 psi
 Approx. Shipping Weight... 5 lb. (2.27 kg)

PIPE SIZES

2" F/NPT

DIMENSIONS

Height: 18-7/8"
 Width: 4-5/8"

FLOW RATES

2 to 80 GPM
 8 to 30 LPM

F-462 ORDERING GUIDELINES

STANDARD F-462 LIQUID MODELS with 2" F/NPT Adapters

MODEL NUMBER	Pipe Size	DUAL SCALE RANGE		Adapter Material	Float Material
		GPM	LPM		
F-462200LX-32H	2" F/NPT	2 to 20	8 to 80	Polysulfone	Teflon
F-462500LX-32H	2" F/NPT	5 to 50	20 to 200	Polysulfone	Teflon
F-462800LX-32H	2" F/NPT	8 to 80	30 to 300	Polysulfone	Teflon

STANDARD F-462 LIQUID MODELS with 2" Socket Fusion Adapters

MODEL NUMBER	Pipe Size	DUAL SCALE RANGE		Adapter Material	Float Material
		GPM	LPM		
F-462200LX-33G	2" S.F.	2 to 20	8 to 80	Polypropylene	Teflon
F-462500LX-33G	2" S.F.	5 to 50	20 to 200	Polypropylene	Teflon
F-462800LX-33G	2" S.F.	8 to 80	30 to 300	Polypropylene	Teflon
F-462200LX-33K	2" S.F.	2 to 20	8 to 80	PVDF	Teflon
F-462500LX-33K	2" S.F.	5 to 50	20 to 200	PVDF	Teflon
F-462800LX-33K	2" S.F.	8 to 80	30 to 300	PVD	Teflon

STANDARD F-462 LIQUID MODELS with 63mm Butt Fusion Adapters

MODEL NUMBER	Pipe Size	DUAL SCALE RANGE		Adapter Material	Float Material
		GPM	LPM		
F-462200LX-34G	63mm B.F.	2 to 20	8 to 80	Polypropylene	Teflon
F-462500LX-34G	63mm B.F.	5 to 50	20 to 200	Polypropylene	Teflon
F-462800LX-34G	63mm B.F.	8 to 80	30 to 300	Polypropylene	Teflon
F-462200LX-34K	63mm B.F.	2 to 20	8 to 80	PVDF	Teflon
F-462500LX-34K	63mm B.F.	5 to 50	20 to 200	PVDF	Teflon
F-462800LX-34K	63mm B.F.	8 to 80	30 to 300	PVD	Teflon

MODEL Variations

Polycarbonate shield = add the letter "C" to the end of the model number.
 PVC Union Nuts = replace "X" with "P"

* Viton® is a registered trademark of DuPont.

* The factory does not guarantee their flowmeters for use with liquids other than water. Customers are required to do their own compatibility testing. Request Kit #70000-718, at no charge.