

ACRYLIC FLOWMETERS

F-300 SERIES

The F-300 Series has been a pool industry standard for 30 years, also well suited for irrigation and municipal water system applications. Designed to mount on horizontal pipe.



- A Tough, Impact Resistant, Machined Acrylic Meter Body
- Permanent, Easy-to-Read Screen Printed Scales
- Calibrated Pitot Tube for Accuracy
- Units for One through Eight Inch Pipe or Copper Tubing
- Low Flow Rate Units for Spas and Small Pools

ITEM	DESCRIPTION
80010002	F30100P 1IN 5/40GPM FLO/MTR
80010018	F30150P 1-1/2IN 20/100GPM F/M
80010026	F30200P 2IN 40/150GPM FLO MTR
80010038	F30300P 3IN 80/300GPM FLO MTR
80010046	F30400P 4IN 125/500GPM FLO MTR



Vertical Mount for limited space applications

ITEM	DESCRIPTION
80010070	U30200P 2IN 40/150GPM V/M F/M

F-400N SERIES



- Tough Machined Acrylic, One Piece Meter Body
- Reinforced F/NPT Adapters
- Viton® O-Ring Seals
- #316 Stainless Steel Float Guide
- Floats of #316 S.S. or PVC
- Easy to Read, Permanent Scales
- Optional High/Low Level Alarm
- Individual Packaging

F-400N APPLICATIONS:

- Water Treatment Equipment
- Chemical Processing Equipment
- R.O. Water Systems
- Wastewater Treatment Equipment
- Pollution Monitoring & Control Equipment
- ...and many more

ITEM	DESCRIPTION
80010108	F40375LN8 1/2IN .1/10GPM INLIN
80010112	F40376LN8 1/2IN .2/2GPM INLINE
80010116	F40377LN8 1/2IN .3/3GPM INLINE
80010118	F40500LN6 3/8IN .5/5GPM INLINE
80010120	F40500LN8 1/2IN .5/5GPM INLINE
80010122	F40750LN12 3/4IN 1/10GPM INLIN
80010130	F41000LN12 3/4" 2/20GPM INLINE
80010132	F41000LN16 1IN 2/20GPM INLINE

F-440 & F-450N SERIES



F-400 and F-450N Series flowmeters feature meter body and adapter construction of injection molded

Polysulfone, combined with functional, versatile design features and good accuracy. All at a very attractive price. F-440 and F-450N Series meters are offered with a number of optional features, including, 90 degree adapters, integral flow

adjustment valves and, brass adapters.

When you need an efficient, cost effective meter, choose the F-440 or F-450N Series.

ITEM	DESCRIPTION
80010208	F44375LH8 1/2IN .1/1GPM INLINE
80010212	F44376LHE8 1/2IN .2/2GPM P/MT
80010216	F44500LH8 1/2IN .5/5GPM INLINE
80010218	F44750LH12 3/4IN 1/10GPM INLIN
80010231	F44375LHE8 1/2IN .1/1GPM P/MT
80010236	F44750LHE8 1/2IN 1/10GPM P/MT
80010238	F44500LHE8 1/2IN .5/5GPM P/MT
80010239	F44750LHE12 3/4IN 1/10GPM INLI

SPECIALTY FLOWMETERS

F-460

The F-460 for Ultra Pure Applications

The F-460 Series Flowmeter is designed for use in Ultra Pure, and/or, highly corrosive applications. No metals are used for Internal Parts, such as the Float, and there is no float guide. The Float is guided by Precisely Engineered Polysulfone Ridges which are Molded into the meter body. This means no metal contaminants in the fluid path. The F-460 is offered in a number of calibrations. Single scales are used for: GPM (ranging from 0.1 to 5.0), and LPM (ranging from 0.40 to 18.0).



ITEM	DESCRIPTION
80010266	F46050LX8P 1/2IN .5/5GPM INLIN

SolarMeter

Blue-White manufactures a full line of Top Quality flowmeters designed for use in Solar Applications. Blue-White's Superior line of SolarMeters assist in fine tuning Solar Systems to ensure optimum water or transfer fluid contact time through Solar Panels. Without the use of SolarMeters, energy loss might well exceed 50%. In addition, SolarMeters are excellent troubleshooting devices. They can warn of blockage in the system or possible malfunctions in the circulating pump.



SolarMeter Features & Benefits

Include:

- Heat Resistant Polysulfone Meter Bodies Tough, Brass Sweat or, Brass Threaded Adapters
- Sturdy, Half Union Nuts Couple the Meter Body to the Adapters
- Low Pressure Drop
- Drain back feature
- Permanent, easy to read scales
- Simple to install, low maintenance

ITEM	DESCRIPTION
80010312	F45500LHN8 1/2IN .5/5GPM INLIN
80010313	F45500LHN12 3/4IN .5/5GPM INLI
80010315	F45750LHN8 1/2IN 1/10GPM INLIN
80010316	F45750LHN12 3/4IN 1/10GPM INLI
80010338	F45375LHNE8 1/2IN 1/10GPM P/MT

IRRIGATION

POLYSULFONE FLOWMETERS

The F-451 Series



High Performance Materials of Construction combine with functional styling, and versatility, to make the F-451 Series a terrific value. Available with a number of optional features including Protective Shields and 90 Degree Adapters. In addition, Blue-White's modern machine shop, and engineering departments, work together to meet special OEM requirements.

ITEM	DESCRIPTION
80010406	F451002LHN 1IN 2/20GPM INLINE
80010410	F451004LHN 1IN 4/40GPM INLINE
80010455	F451003LHN24 1-1/2IN 3/30GPM

INDUSTRIAL

High Capacity F-452 Series



The High Performance F-452 Series Flowmeter features top quality materials of construction, superior styling, and excellent accuracy and repeatability. Polysulfone is a highly engineered thermoplastic, well suited to many applications. For particularly tough applications, the F-452 Series is available equipped with Hastelloy C guides and floats.

BENEFITS:

- Polysulfone meter body calibrations in GPM, LPM and SCFM
- Easy-to-Read, permanent silk screened scales
- #316 stainless steel
- Floats and float guides
- 2" F/NPT polysulfone adapters
- Viton® o-ring seals
- Excellent accuracy
- Easy to install

ITEM	DESCRIPTION
80010504	F452060LH 2IN 6/60GPM INLINE
80010508	F452100LH 2IN 5/100GPM INLINE
80010510	F452130LH 2IN 15/130GPM INLIN

ACRYLIC FLOWMETERS

Panel Mount F-550 Series



The F-550 and F-550A Series flowmeters have flush mount body styling, with removable bulkhead nuts. Separate mounting screws are no longer required.

F-550 BENEFITS INCLUDE:

- Tough Machined Acrylic Meter Body
- Stainless Steel Internal Parts
- Permanent Screen Printed Scales
- Calibrations in GPM, LPM and SCFM
- Optional Integral Flow Adjustment Valve
- Individual Packaging

F-550 APPLICATIONS INCLUDE:

- R.O. and D.I. Water Systems
- Pollution Treatment Equipment
- Purging and Regulating Equipment
- Water & Wastewater Treatment Equipment
- Film and X-ray Processing
- Chemigation

ITEM	DESCRIPTION
80010610	F55750L 1.0/10.0GPM PNL/MT
80010704	F55500L 1/2IN .5/5GPM PNL/MT

Compact F-550E Panel Mount



BENEFITS INCLUDE:

- Impact Resistant, Machined Acrylic Body
- #316 Stainless Steel Floats
- Viton® O-Ring Seals
- Permanent Scales
- Excellent Accuracy
- A Wide Range of Calibrations
- Individual Packaging

F-550E OPTIONS

If your application requires special materials of construction, custom calibrations, or private packaging or labeling, please contact our Customer Service Department for quotation.

ITEM	DESCRIPTION
80010626	F55375LA 3/8IN .1/1GPM PNL/MT
80010628	F55376LA 3/8IN .2/2GPM PNL/MT
80010606	F55376L 3/8IN .2/2GPM PNL/MT
80010608	F55500L 1/2IN .5/5GPM PNL/MT
80010614	F55200L 1IN 2/20GPM PNL/MT

F-450 Series Parts

ITEM	DESCRIPTION
80011211	F4427 L/NUT PNL MT ADAPT
80011212	F4420P 1/2IN PNL/MT ADAPT
80011202	F4406P HALF UNION CONN F44750
80011230	F4410V VITON O-RING 1/2 ADAPT

DIGI-FLO Flowmeters



The carefully engineered DIGI-FLO F-1000 Series provide the performance and features of electronic meters without the need for an electrical hookup. Three versions of this terrific meter are offered. The F-1000RB

is a battery powered rate meter, the F-1000TB is a battery powered flow totalizer and, the all new F-1000RT is a battery powered Rate Meter and Flow Totalizer. Two standard AAA batteries with a minimum life of one year power DIGI-FLO F-1000 units. F-1000 Benefits Include: Easy to read .35" high, 6 digit LCD Display; Factory calibrated, nothing to program; Weather resistant ABS enclosure; Corrosion resistant PVDF Sensor; Large calibrated flow range; Minimal maintenance required; Excellent accuracy; No pressure drop.

ITEM	DESCRIPTION
80012002	RB200S8GPM1 2IN 30/300 F/MTR
80012004	RB400S8GPM1 4IN 100/1000 F/MTR
80012006	RB600S8GPM1 6IN 250/2500 F/MTR
80013002	RTS120K8GM1 2 PVDF 30/300 MTR