

F-452N SERIES Flowmeter

F-452N FEATURES

- > Polysulfone meter body resists high temperatures and pressures.
- > 316 SS or Hastelloy rod guided float.
- > Direct reading permanent scale.
- > Adapters and unions re-engineered for increased protection from misalignment and vibration.
- > Not recommended for direct sunlight.
- > Available OEM options:
Private labeling, custom calibrations and custom materials.
- > Available with Polycarbonate Shield.

F-452N SPECIFICATIONS

Max. Working Pressure	150 psi/10 Bar @ 70° F/21° C
Max. Fluid Temperature	212° F (93° C) @ 0 PSI
Full scale accuracy	+/- 2%
Meter body material	Polysulfone
Union nuts	Glass fiber reinforced Nylon
Guide rod material	316 Stainless Steel
Options	Hastelloy C-276
O-ring seals	FKM (optional EP): add (-22T) +\$12.55
Approximate shipping wt.	5 lb. (2.27 kg)
NIST certificates optional	

ORDERING INFORMATION

Standard models for liquid

Model Number	Dual Scale Range		Adapter Size/Type	Adapter Material	Float Material	GuideroD Material
	GPM	LPM				
F-452020LHN	2 to 20	8 to 78	2" F/NPT	Polysulfone	PTFE	316 SS
F-452060LHN	6 to 60	30 to 230	2" F/NPT	Polysulfone	316 SS	316 SS
F-452080LHN	8 to 80	40 to 300	2" F/NPT	Polysulfone	316 SS	316 SS
F-452100LHN	6 to 100	20 to 380	2" F/NPT	Polysulfone	316 SS	316 SS
F-452130LHN	20 to 130	80 to 500	2" F/NPT	Polysulfone	316 SS	316 SS
F-452175LHN	25 to 175	100 to 675	2" F/NPT	Polysulfone	316 SS	316 SS

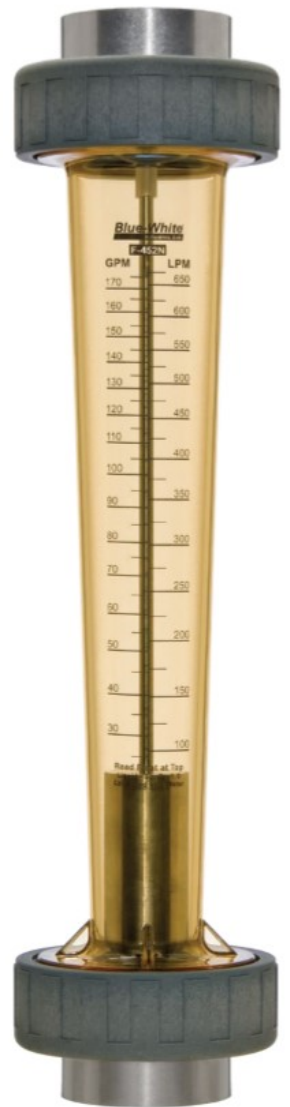
Models listed above are LHN variation = Standard units without shield.
LHNC = Shielded units.

K-Series - Specially Equipped models for liquid

K-Series models are specially equipped for highly corrosive applications.

Model Number	Dual Scale Range		Adapter Size/Type	Adapter Material	Float Material	GuideroD Material
	GPM	LPM				
F-452020LHKN	2 to 20	8 to 78	2" F/NPT	Polysulfone	PTFE	Hastelloy
F-452060LHKN	6 to 60	30 to 230	2" F/NPT	Polysulfone	Hastelloy	Hastelloy
F-452080LHKN	8 to 80	40 to 300	2" F/NPT	Polysulfone	Hastelloy	Hastelloy
F-452100LHKN	6 to 100	20 to 380	2" F/NPT	Polysulfone	Hastelloy	Hastelloy
F-452130LHKN	20 to 130	80 to 500	2" F/NPT	Polysulfone	Hastelloy	Hastelloy
F-452175LHKN	25 to 175	100 to 675	2" F/NPT	Polysulfone	Hastelloy	Hastelloy

Models listed above are LHKN variation = K-Series units without shield.
MODEL VARIATIONS: LHKNC = Shielded units.



DIMENSIONS

A	B
18-7/8"	4-5/8"

TEMPERATURE VS. PRESSURE

