

F-300 SERIES FLOWMETER

PIPE SIZES:

1", 1-1/4", 1-1/2", 2",
2-1/2", 3", 4", 6", 8"



F-300 Series



D-300 U-300 Series

F-300 Features

- Well suited for closed pipe installation.
- Easy to read dual scale (GPM/LPM), screen printed on both sides of the meter body.
- Horizontal or Vertical pipe installation.
- One piece machined acrylic meter body.
- Corrosion resistant internal parts.

F-300 Specifications

Max. Working Pressure	150 psig/10.3 Bar @70° F/21° C
Max. Fluid Temperature	190° F/88° C @ 0 pressure
Full scale accuracy	+/- 10%
Pipe Clamp material	300 Stainless Steel
Meter Body material	Acrylic
Gasket material	Neoprene
Connection type	Saddle
Float material	#316 SS, Hastelloy or Teflon (low flow units)
Approximate shipping wt.	1" to 4" Pipe: 1 lb. (.454 kg) 6" to 8" Pipe: 2 lb. (.907 kg)

See instruction manual at www.blue-white.com for detailed installation and operating requirements.

Enter Part Number Above For Pricing

for Horizontal Pipe Installation

PVC PIPE SCHEDULE 40 (IPS Pipe ASTM - D-1785) or COPPER TUBE Type "K" or "L"

Model Number	Gallons Per Minute (GPM)		Liters Per Minute (LPM)		PVC Pipe(*) or COPPER(*) Tube Size
	Std. Flow(*)	Low Flow(*)	Std. Flow(*)	Low Flow(*)	
F-30100*	5 to 35	2 to 10	20 to 140	8 to 38	1" Pipe
F-30125*	15 to 75	5 to 35	60 to 280	30 to 130	1-1/4" Pipe
F-30150*	20 to 100	9 to 30	75 to 375	30 to 110	1-1/2" Pipe
F-30200*	40 to 150	18 to 70	150 to 550	60 to 260	2" Pipe
F-30250*	60 to 240	—	225 to 900	—	2-1/2" Pipe
F-30300*	80 to 300	40 to 140	300 to 1125	160 to 520	3" Pipe
F-30400*	125 to 500	—	550 to 2000	—	4" Pipe
F-30600*	250 to 1050	—	900 to 3900	—	6" Pipe
F-30800*	500 to 1900	—	2000 to 7200	—	8" Pipe

(*) PVC PIPE: add letter "P" for Std. Flow and "PR" for Low Flow.

(*) COPPER TUBE: add letter "T" for Std. Flow and "TR" for Low Flow.

Note: if used on SCHEDULE 80 PVC pipe will read 12% higher than actual.

for Vertical Pipe Installation

PVC PIPE SCHEDULE 40 (IPS Pipe ASTM - D-1785) or COPPER TUBE Type "K" or "L"

Model Number	Gallons Per Minute (GPM)		Liters Per Minute (LPM)		PVC Pipe(*) or COPPER(*) Tube Size
	Std. Flow(*)	Low Flow(*)	Std. Flow(*)	Low Flow(*)	
D-30150*	20 to 100	9 to 30	75 to 375	30 to 120	1-1/2" Pipe
D-30200*	40 to 150	18 to 70	150 to 550	70 to 280	2" Pipe
U-30150*	20 to 100	9 to 30	75 to 375	30 to 120	1-1/2" Pipe
U-30200*	40 to 150	18 to 70	150 to 550	70 to 280	2" Pipe

(*) PVC PIPE: add letter "P" for Std. Flow and "PR" for Low Flow.

(*) COPPER TUBE: add letter "T" for Std. Flow and "TR" for Low Flow.

Note: if used on SCHEDULE 80 PVC pipe will read 12% higher than actual.

F-300 and D&U-300 PARTS

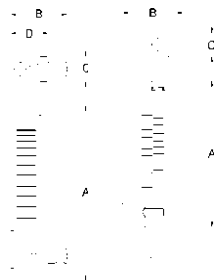
Part Number	Description
F-3005	Cap Plug for all F-300, D-300 & U-300.....
F-3028	Mounting Clamp, F-30100P, F-30100T, F-30125P & F-30125T ..
F-3040	Mounting Clamp, F-30200P, F-30200T, F-30150P, F-30150T,
F-3044	Mounting Clamp, D-30150P, D-30150T, D-30200T, F-30250T ...
F-3048	Mounting Clamp, F-30250P.....
F-3052	Mounting Clamp, F-30300T, D-30200P, U-30200P.....
F-3056	Mounting Clamp, F-30300P.....
F-3064	Mounting Clamp, F-30400T.....
F-3072	Mounting Clamp, F-30400P.....
F-3116	Mounting Clamp, F-30600P, F-30600T
F-3152	Mounting Clamp, F-30800P, F-30800T
F-3003	Gasket Seal, for all pipe & tubing units through 4" O.D
F-3004	Gasket Seal, for all pipe & tubing units 6" through 8" O.D ...
F-3001	Float, F-300 standard range units, stainless steel.....
F-3021	Float, F-300 low range units, teflon.....

Dimensions

Model #	A	B	C
F-30100	6"	2-7/16"	1"
F-30125	6"	2-7/16"	1"
F-30150	6"	2-7/16"	1"
F-30200	6"	2-7/16"	1"
F-30250	6"	2-7/16"	1"
F-30300	6"	2-7/16"	1"
F-30400	6"	2-7/16"	1"
F-30600	7-1/2"	2-7/16"	1-1/4"
F-30800	7-1/2"	2-7/16"	1-1/4"

Model #	A	B	C	D
U-30150	6-7/8"	2-1/2"	1"	1-9/16"
D-30150	6-7/8"	2-1/2"	1"	1-9/16"
U-30200	6-7/8"	2-1/2"	1"	1-9/16"
D-30200	6-7/8"	2-1/2"	1"	1-9/16"

U-300 - D-300 Series F-300 Series



Minimum Pipe Length

Minimum Inlet Pipe Length = 10 X Pipe I.D.

Minimum Outlet Pipe Length = 4 X Pipe I.D.

