



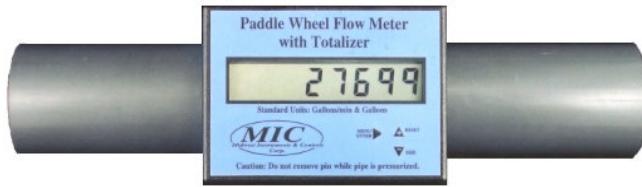
# Paddle Wheel Flow Meters

# MIC Series

## Model Number Chart

See Example Below

Code	Flow Display Function
PF	Digital Flow Rate Display Only
PT	Digital Flow Rate and Flow Total Display
Code	Paddle Wheel Flow Sensor Installation Fitting
I	PVC Insertion Saddle Flow Fitting (For Existing PVC Pipe)
P	13" Long PVC Pipe Section Flow Fitting
Code	Pipe Schedule
40	Schedule 40 Pipe
80	Schedule 80 Pipe
Code	Flow Range Code (Pipe Size)
0.5	1/2" PVC Pipe (Pipe Section Flow Fitting Only)
0.75	3/4" PVC Pipe (Pipe Section Flow Fitting Only)
1.0	1" PVC Pipe (Pipe Section Flow Fitting Only)
1.5	1 1/2" PVC Pipe (Pipe Section Flow Fitting Only)
2.0	2" PVC Pipe
3.0	3" PVC Pipe
4.0	4" PVC Pipe
6.0	6" PVC Pipe (Insertion Saddle Flow Fitting Only)
8.0	8" PVC Pipe (Insertion Saddle Flow Fitting Only)



PT      P      80      4.0      ◀ Typical Model Number

## Features

- Battery powered microprocessor-based electronic display.
- Single small coin battery will power the flow meter for more than one year.
- Electronics can be programmed to pipe size, schedule and any engineering flow unit.
- Digital flow rate indicator with or without resettable totalizer.
- Weather and chemical-spill resistant electronics.
- Paddle wheel sensor with negligible head loss.
- Ideal for irrigation water, process water, cooling water, water treatment, etc.

## Materials of Construction

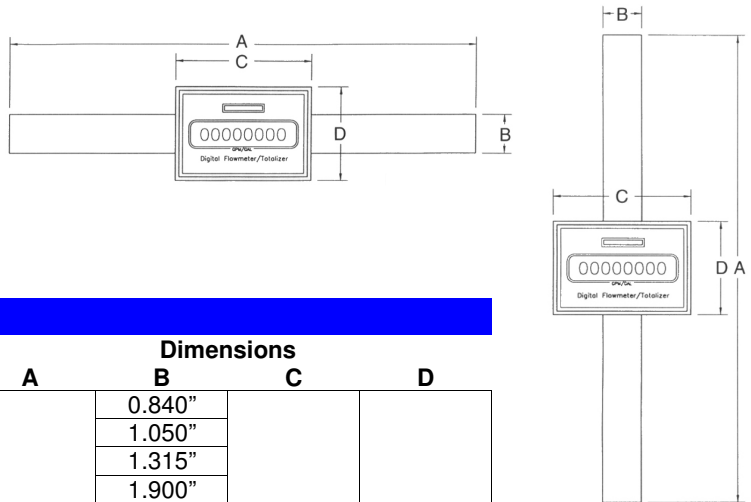
Part	Standard	Optional
Meter Tube	PVC	
Sensor Fitting	PVC	
Paddle Wheel	PVC	
Shaft	316SS	Teflon
O-Rings	Buna-N	Viton
Display Case	ABS	

## Maximum Pressure and Temperature

Maximum Pressure	Maximum Temperature
200 PSIG @ 70°F	150°F @ 0 PSIG

## Flow Ranges and Dimensions

Range Code	Flow Range USGPM - H <sub>2</sub> O	Accuracy Full Scale	Connection Size	Dimensions			
				A	B	C	D
0.5	0.6 – 15	1 1/2 %	1/2"	13"	0.840"	4.375"	3.250"
0.75	1.5 – 30		3/4"				
1.0	5 – 55		1"				
1.5	10 – 125		1 1/2"				
2.0	15 – 200		2"				
3.0	40 – 450		3"				
4.0	60 – 800		4"				
6.0	120 – 1800		6"				
8.0	250 – 3200		8"				



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