

PULSAFEEDER®

Pulsafeeder's Model MPC Mini Series Percentage Timers used in conjunction with a chemical metering pump, provide precise control of pump output. In some cases a percentage timer may be used to rectify the pump manufacturer's recommendations with your needs. For example, using a pump with a 20 gallon per day maximum output and our percentage timer, you may set the pump at 1/2 stroke and the timer at one minute to achieve a one gallon per day output; such a small output is not otherwise recommended by the pump manufacturer.

The MPC percentage timers are also widely used for controlling ventilating fans, agitators and other equipment where intermittent operation is desired.

Model MPC1 features a timer with an off-time adjustable from zero to 100% of a nine minute cycle. This cycle is repeated continuously as long as power is supplied to the timer. Outputs up to 1/4 HP motor load or 15 amps non-inductive load are safely controlled.

The MPC2 percentage timer functions like the MPC1 but also features an adjustable on-time.

Both models are housed in molded, reinforced fiberglass enclosures which are pre wired to include an eight foot power cord and duplex grounded 115 VAC receptacles.

Features

- MPC1
 - Off-Time Adjustable
- MPC2
 - On-Time Adjustable
 - Off-Time Adjustable

Operating Benefits

- Rugged construction for trouble-free service.
- Simple to operate.



Aftermarket

- Solenoids
- Motorized Ball Valves
- Water Meters
- Corrosion Coupon Racks
- Metering Pumps (PULSAtron, XP Series)



PULSAtron®
**MPC1/MPC2 Mini Series
Percentage Timers**

Specifications and Model Selection

MPC1/MPC2 Selection Guide		MPC
MODEL	1	= Percentage/recycle timer in fiberglass prewired enclosure. Adjustable % on-time: fixed 9 min. scale
	2	= Percentage/recycle timer in fiberglass prewired enclosure. Adjustable % on-time and off-time. Standard scales 0-9 min. on-time, 0-9 min. off-time.
AVAILABLE OPTIONS	A2	= 0 - 18 seconds
	A4	= 0 - 18 minutes
TIME SCALE	A5	= 0 - 90 seconds
Position 4 & 5 as needed	A6	= 0 - 180 seconds
	A7	= 0 - 90 minutes

Engineering Data

MPC1 Range:	Off-time adjustable from 0 to 100% of a 9 minute cycle
MPC2 Range:	On-time adjustable from 0 to 9 minutes Off-time adjustable from 0 to 9 minutes
Repeatability:	+/-1%
Power:	Input voltage, 115VAC / 50/60Hz (Max. tolerance 95 to 135 VAC)
Control:	115VAC, 50/60Hz, 15 amp SPDT, ½ hp at 115VAC
Electrical Environment:	Ambient temp. -40 to 140°F (-40 to 60°C) 0 to 100% Humidity
Enclosure:	Molded fiberglass, prewired to include 8' (2.4 m) power cord and duplex AC receptacle
Net Weight:	2 lbs (0.9 kg)
Shipping Weight:	3 lbs (1.4 kg)

Custom Engineered Designs – Pre-Engineered Systems



Pre-Engineered Systems

Pulsafeeder's Pre-Engineered Systems are designed to provide complete chemical feed solutions for all electronic metering applications. From stand alone simplex pH control applications to full-featured, redundant sodium hypochlorite disinfection metering, these rugged fabricated assemblies offer turn-key simplicity and industrial-grade durability. The UV-stabilized, high-grade HDPE frame offers maximum chemical compatibility and structural rigidity. Each system is factory assembled and hydrostatically tested prior to shipment.

Dimensions

W 6 ½" x H 7" x D 1 ¾" (16.5 x 17.8 x 4.4 cm)

