

Cooling Tower controllers from the ACT Series continuously protect cooling systems from the harmful effects of scaling and corrosion. The ACT102 is designed using the latest technology with modular circuit boards. The ACT102 is accurate and easy to use. This simplified design provides automated control at an economical cost. The ACT Series provides electrical receptacle cords as standard for blown down valve and metering pump activation.

### Operating Benefits

- NEMA 4X Enclosure.
- Wall Mountable.



### Features

- Blow Down and or Metering Pump Indicator LED
- Conductivity Range 0-5,000 $\mu$ S
- Relay Test Switch
- Power Indicator LED
- Front Panel Calibration
- Front Panel Dial Set-Point
- Pre-Wired Output Connections (Conduit Optional)

### Aftermarket

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



**PULSAtron**<sup>®</sup>  
**ACT102 Series**



# PULSA<sup>®</sup> ACT102 Series

## Specifications and Model Selection

ACT Series Selection Guide		ACT102
<b>MODEL:</b> Position 1 thru 6	<b>ACT102</b> = Analog Meter Conductivity Controller Selectable Dual Scale 0-2500 and 0-5000 $\mu\text{S}/\text{cm}$	
<b>AVAILABLE OPTIONS</b> Position 7 thru 12 as needed	<b>A</b> = Conduit <b>B</b> = Flow assembly <b>C</b> = Lockout timer <b>P</b> = 220v, 50/60 Hz service (option "A" required) <b>V</b> = Agency Approval US/Canada <b>V1<sup>(1)</sup></b> = Agency Approval "CE" <b>W<sup>(2)</sup></b> = Private Label	
<b>A completed model should look like "ACT102BC"</b>		

Notes: (1) Option "A" (conduit) and option "P" (220V) required.

(2) First time private label customers need to contact the factory or sales representative for information.

## Engineering Data

<b>Enclosure:</b>	NEMA 4X
<b>Power:</b>	110VAC / 50/60Hz 220 VAC / 50/60Hz
<b>Control Output:</b>	5 Amps relay @ 120VAC Receptacle Cords Provided for Outputs
<b>Display:</b>	Analog Meter
<b>Range:</b>	Dual Scale 0 – 2,500 & 0-5,000 $\mu\text{S}/\text{cm}$
<b>Differential:</b>	Approx 6%
<b>Accuracy:</b>	+/-2% Full Scale at point of measure excluding sensor
<b>Electrode:</b>	.75 inch Flow Cell with Temp Comp 316SS Electrode rated 125 PSI (8.62 BAR) @ 125°F (52°C)
<b>Optional Flow Switch:</b>	.75 Flow Switch Assembly
<b>Plumbing:</b>	Optional: GFPP with clear PVC flow switch Slip or 0.75" FNPT Threaded
<b>Electrical Environment:</b>	0-125°F (-18-52°C) 100% Humidity
<b>Shipping Weight:</b>	8 lbs (3.7 kgs)

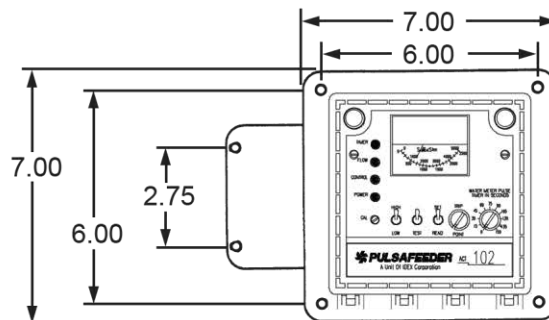
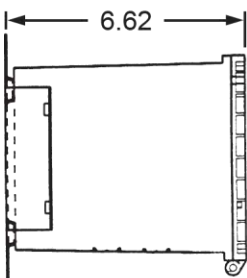
## Custom Engineered Designs – Pre-Engineered Systems



### 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



[pulsafeeder.com](http://pulsafeeder.com)

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An ISO 9001 and ISO 14001 Certified Company

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