

- Mount it
- Plug it in
- Tune it
- Use it...!



*The WM Series combines simple install, easy operation and accurate temperature control.*

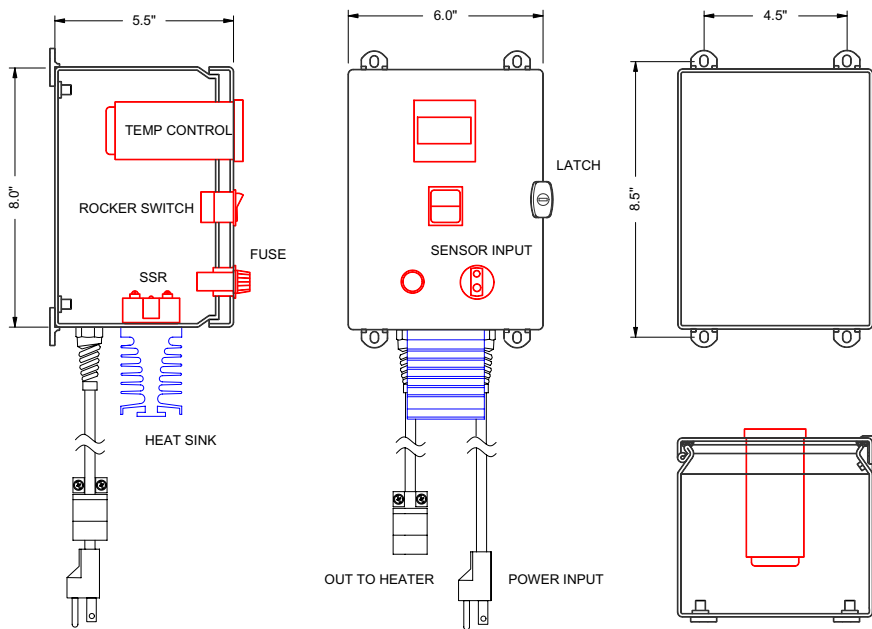
*This is an inexpensive, elegant solution to your single point heater control requirement...*

## WM Series Temperature Controller

- Very Easy to Use!
- Complete Package Control System
- Vertical Mount, Small Enclosure
- Prewired, Plug into a Wall Outlet
- Accurate... Low cost... High Quality
- Solid State Relay Output
- Auto-Tune, PID

<b>Painted Enclosure:</b>	NEMA 1, Hinged Door, 6" X 8" X 5" Deep
<b>Controller:</b>	PID, Auto-Tuning -99° to 2500°
<b>Calibration:</b>	Selectable, Degrees F or C
<b>Adjustments:</b>	Via Front Panel, Setpoint, Mode
<b>Sensor:</b>	J, K, T, S, R Thermocouple, RTD
<b>Switching:</b>	0 Fired SSR,
<b>Accuracy:</b>	+/- 0.25% +/- 1°F
<b>System Output :</b>	15 Amp SSR (Over-designed 40 Amp)
<b>Operating Volts:</b>	Available 120 or 240 Volts AC
<b>System Cooling:</b>	External Heat Sink

Contact HTS/Amptek, or your representative, for special configurations of our WM Series Control Systems...



### Very Easy, Programmable Controller... ...Dual Display, PID, Auto-Tune.

The BBA-200 Series, bright display, 4 digit controller will display both process temperature and setpoint continuously. Sensors are J, K, T, S, R thermocouple or RTD. Programmable features include °C or °F, and resolution of 1 or .1 degree.



The output is Solid State Relay with easy, accurate Auto-Tune PID Logic.



Front Panel Programming, and the "Slide-Out" controller chassis design, provides maximum convenience.

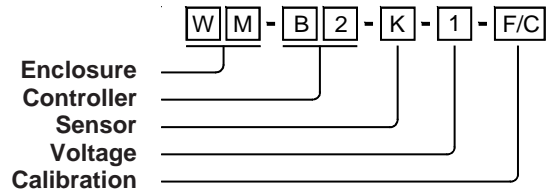
[www.heatingtapes.com](http://www.heatingtapes.com)

# WM Series Temperature Controllers



Solid State Relay output is standard on all models. In addition, the external heat sink captures heat generated by the SSR, and moves it out of the enclosure... A fuse is located through the front panel, and is sized to clear if the rated maximum load is exceeded.

## Controller Model Number Configuration



<b>Enclosure:</b>	WM = Wall Mount Enclosure
<b>Controller:</b>	B2 = Dual Display, Single Output, SSR BN = Other
<b>Sensor:</b>	J = J Thermocouple K = K Thermocouple 1 = 100 Ohm RTD T = T Thermocouple R = R Thermocouple S = S Thermocouple
<b>Operating Voltage:</b>	1 = 120 VAC 2 = 240 VAC, 1P



(B2)  
2 Display  
1 Output



(K)  
Sensor  
T/C Jack



(1)  
120V



(2)  
240V

Contact HTS/Amptek, or your representative, for Bench Top or Portable versions of the WM...

HTS/Amptek WM Series controllers are ideal for heater loads that require rugged, accurate control at an economical price. Custom products from HTS/Amptek such as Heating Jackets and Heating Blankets, and standard Heating Tapes all require control. The WM Series is ideal for these applications where a fixed location is desired.



Tubular  
Heating Jackets



Custom  
Heating Jackets



Heavy Insulated  
Heating Blankets



Lab and  
Industrial  
Heating Tapes



# HTS/Amptek

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