

# WATER TEMPERATURE CONTROL



## CONTROL MIX WATER EXACTLY

The Electronic Water Temperature Control System is a unique upgrade of our time proven pneumatic model. The temperature control automatically sets a blending valve to produce the needed water. A down stream thermocouple then feeds back the produced water temperature to further adjust the blending valve. This system allows you to produce any temperature concrete within your heating capacity. This unique system allows you to heat your water as hot as possible and reduce energy costs as your hot water is only used as needed to heat the concrete. Includes : Control, 6" thermocouple, air pressure transducer and all cables. Valve extra



**Concrete  
Controls  
Corporation**

1311 N Congress Drive Chandler AZ 85226  
1-800-345-6654; 1-480-821-1138 FAX  
1-480-821-5050

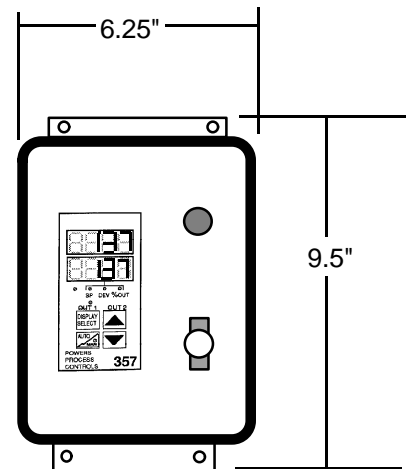


### SPECIFICATIONS: CONTROLLER

ACCURACY: INTERNAL: .2% OF SPAN  
 DISPLAY: 1 DIGIT  
 INTERNAL RESOLUTION: .01% FS  
 PV INPUT: J THERMOCOUPLE -330 TO 1400 DEG F  
 OUTPUT: 4-20 MADC  
 SAMPLE RATE: 2 TIMES PER SECOND  
 DISPLAY: DUAL LED 7 SEGMENT 4 DIGIT  
 POWER CONSUMPTION: 5VA  
 VOLTAGE: 120 VAC 60 HZ

### SPECIFICATIONS TRANSDUCER: ONE PER VALVE

INPUT:  
 4-20 mA DC  
 ELECTRICAL CONNECTIONS:  
 SCREW TERMINALS UNDER CAP  
 OUTPUT:  
 3-15 PSIG FOR 3" OR LARGER VALVES  
 3-27 PSIG FOR 2 1/2" OR SMALLER VALVES  
 AIR SUPPLY:  
 CLEAN DRY AIR 32-100 PSIG 1/4" NPT



Displays exact temperature and setpoint continuously  
 Saves Hot Water for when it is needed  
 Adjusts on the fly to water temperature changes  
 Adjusts on the fly to changes in setpoint  
 1/4 second thermocouple for extremely fast operation  
 operator adjustable preselected water temperatures plus remote setpoint  
**GUARANTEED WATER TEMPERATURE PLUS OR MINUS 2 DEG F**