



Hot Water Temp Control Unit

This AWM Model **WTC-SA-I-HC**, is a direct injection water temperature control unit designed to be mounted directly below the cooling trough or next to the extruder for gravity cooling water return.

This is a stand-alone dual-loop control unit with a discrete temperature controller mounted in the control enclosure for display of measured temperature and setting of desire process temperature. The system cools the process water by injecting cooling water into the process water reservoir if the temperature of the water in the tank exceeds the set temperature. The system contain two immerse heaters used to heat the process water to the desire temperature. The unit is supplied with a thermocouple to measure the actual temperature of the water within the reservoir. Water is circulated out of the tank via a centrifugal pump.

Water Reservoir: 30 - 85 Gallons stainless steel tank
Water Pump: Centrifugal
Maximum Temperature: 180° F (82°C)
Voltage: 460/3/60 (other voltages optional)

CONTROLS:

Start Pushbutton: Used to activate the system.

Stop Pushbutton: Used to turn off the system.

Level Indicator: Used to indicate status of water in the tank.

The temperature controller: Used to display actual temperature of the water in degrees "C" or "F" and to enable setting of the process temperature.

