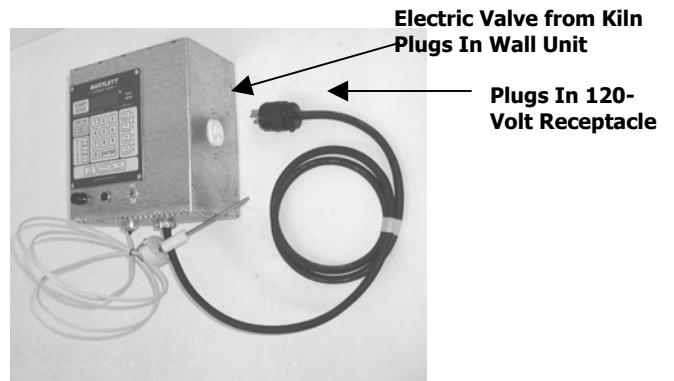


INSTALLATION INSTRUCTIONS Electronic Wall Unit FOR GAS KILNS



INSTALLATION

Olympic's electronic wall unit features programming by cone number or allows you to create your own programs. Each program has eight segments with ramp/hold profiles and controlled cooling rate. The controller also features numerous means for diagnosing problems and convenient program review before or during a firing.

1. Attach wall mount control vertically to wall.
2. Plug electric valve from the burner manifold into the wall unit.
3. Plug wall unit into a 120-volt outlet.
4. Drill a 1/4" hole through the kiln wall and insert thermocouple from wall unit into the kiln.
5. Read electronic control instructions thoroughly and following programming instructions that best suit your firing requirements.

Operating Instructions

1. Turn wall unit on and set program. Press Start.
2. Depress the magnetic valve and hold for 60 seconds.
3. Light the pilot.
4. Slowly begin operating the gas valve. As temperature increases within the kiln, continue to open gas valve as needed.

Because the electronic controller is on/off and not proportional, the gas kiln operator will need to adjust the gas flow before the electronic controller will take over the firing.

The gas valve will need three (3) increment adjustments once the kiln begins firing.

1. Adjust gas valve to have the gas fire to 500° F.
2. Make a second adjustment with the gas valve to fire the kiln to 1000° F.
3. The third adjustment of the gas valve will have the kiln firing at 1500° F. Once the kiln reaches 1500° F, the electronic controller will take over the firing schedule and shut the kiln off when the program is completed.

Please Note: Without manual adjustments, temperature changes will be violent or incomplete, and combustion will occur.

