

MSSH INC. d/b/a
ASHLEY MACHINE COMPANY
901 North Carver Street/ PO Box 2
Greensburg, In 47240
Phone: (812) 663-2180 fax (812) 663-5405

MANUAL SCALDER OPERATING INSTRUCTIONS

MODEL_____

WATER LEVEL: The float on the water valve should be set so the level of the water is 1 inch below the overflow outlet.

BURNERS: Capacity of the burner under the tank is_____BTU's. Be Certain there is water in the tank before lighting the burners. By using the proper orifice, these burners can be used for either Natural or Propane bottled gas (LP).

VENT: It is important the fumes be vented sufficiently. Improper venting will cause burners to operate inefficiently. Provide vent pipes at least as large as opening on scalders.

METHOD OF OPERATION:

1. Set the thermostat at the desired temperature.
2. Fill the tank with water.
3. Light the burners. Instructions for operating gas controls are listed below.
4. When the water has reached the desired temperature, (142 to 150 degrees) dip birds for 45 to 60 seconds.

OPERATION OF GAS CONTROLS:

1. Open the gas line to the pilot and main burner.
2. Depress the reset button on the Pilostat as far as it will go. This will permit the flow of gas to the pilot burner, but not to the main burner.
3. While holding the button in, light the pilot burner.
4. Continue to hold the reset button for a few seconds to allow the thermocouple tip to heat up to its operating temperature.
5. After approximately ½ minute has elapsed, release the reset button. The pilot light should stay lit. If not, it will be necessary.
6. **NEVER PLUG IN ELECTRIC CURRENT BEFORE LIGHTING PILOT LIGHT**
Next, plug in the electric current which operates the solenoid valve, which in turn, controls the supply of gas to main burner.
7. *******WARINING******* Power cord should not be routed under the scalders (Heat from burners will melt insulation and cause electrical short) It is recommended to use Ground Fault circuit electrical connection.
8. Set thermostat to desired temperature.

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*****NOTES*****

When using a propane tank the tank MUST have a regulator or the machine will not work.

In case of new installments, it is possible that an air pocket may be in the gas line. This would cause the pilot light to go out.

After using the scalders for some length of time and you have trouble keeping the pilot light burning, it is possible that the thermocouple is defective or dust is in the air vent to the pilot burner.

A white blaze on the pilot indicates that the pilot is dirty and needs cleaning.

When first lighting the burners, you may have to adjust the air to get the maximum BTU from the gas. The flame should be blue with a white tip. If the burners produce a yellow flame, eventually a great amount of soot will form on the bottom and sides of the tank. This yellow flame indicates that the air shutter should be opened.

If the burners get too much air, the flame will blow off the burners. Your gas man can be of assistance to you in adjusting the air to the burners.

If the slots in the burners get stopped up, use a WORN OUT hack saw blade to clean.

The gas controls are: Solenoid Valve, Safety Pilot Valve, Thermocouple, Pilot Burner and Thermostat. All operate on 110 volt current.

The Pilostat and the Pilot Burner form an automatic pilot to provide for igniting the main burner and to shut off the gas supply to the main burner and to the Pilot Burner in case the pilot flame is extinguished.

**DO NOT USE OR STORE ANY FLAMMABLE VAPOUR OR LIQUIDS IN THE VICINITY
OF THIS SCALDER OR AN OTHER GAS FIRED EQUIPMENT**