

The Owner's Manual

DO NOT REMOVE WATER HEATER FROM YOUR UNIT FOR REPAIR

CONTACT MOBIL TEMP, INC., 11871 EAST GRAND RIVER RD.,
P. O. BOX 100, BRIGHTON, MICH. 48116 FOR INSTRUCTION

■ Your Mobil Temp Water Heater is simply and ruggedly constructed of the finest materials available, assembled and tested at the Mobil Temp factory by a company whose experienced personnel collectively total over 100 years in the Mobile Home and Travel Trailer Industry. Each heater is subjected to a 300 lb. water pressure test to insure leak-proof tanks, and each finished unit is lighted, fired, and subjected to firing performance tests before shipment from our plant.



OPERATING INSTRUCTIONS: (See Operating Instructions on the left side of, and attached to the front compartment of your heater.)

ADJUSTMENTS and CARE:

• **BURNER ADJUSTMENT** — The Air Shutter can be regulated to increase or decrease the air supply to the burner by loosening Air Shutter Screw and sliding the air shutter to create a larger or smaller opening. Air adjustment should be accomplished by reducing air shutter opening until a yellow tip appears at the end of the main burner flame. Slowly increase air opening until yellow tip disappears. Tighten air shutter screw after adjustment.

• **PILOT ADJUSTMENT** is accomplished by removing the pilot adjustment cap which appears on the lower right side of the control face. Behind this cap is an adjustment screw. When rotated clockwise will reduce the size of the pilot flame. When rotated counterclockwise will increase pilot flame. Caution: Always replace pilot adjustment cap or cover to prevent gas leakage.

Pilot should burn with a small yellow tip (1/8" high) when properly adjusted (15 mill-volts).

• **PRESSURE REGULATION** — This water heater is designed to operate on L. P. gas with a pressure setting of eleven (11) inches water column (**SERVICEMAN ONLY**).

• **CARE** — Remote country, dirt road travel, or periods of storage will naturally cause the accumulation of dust, dirt, and foreign matter. Keep the front interior of your heater clean. Be sure that all air openings are free of any obstruction by checking prior to use. Clean with brush or soap and water.

Continued on Page 2

MOBIL TEMP INC

11871 EAST GRAND RIVER RD.

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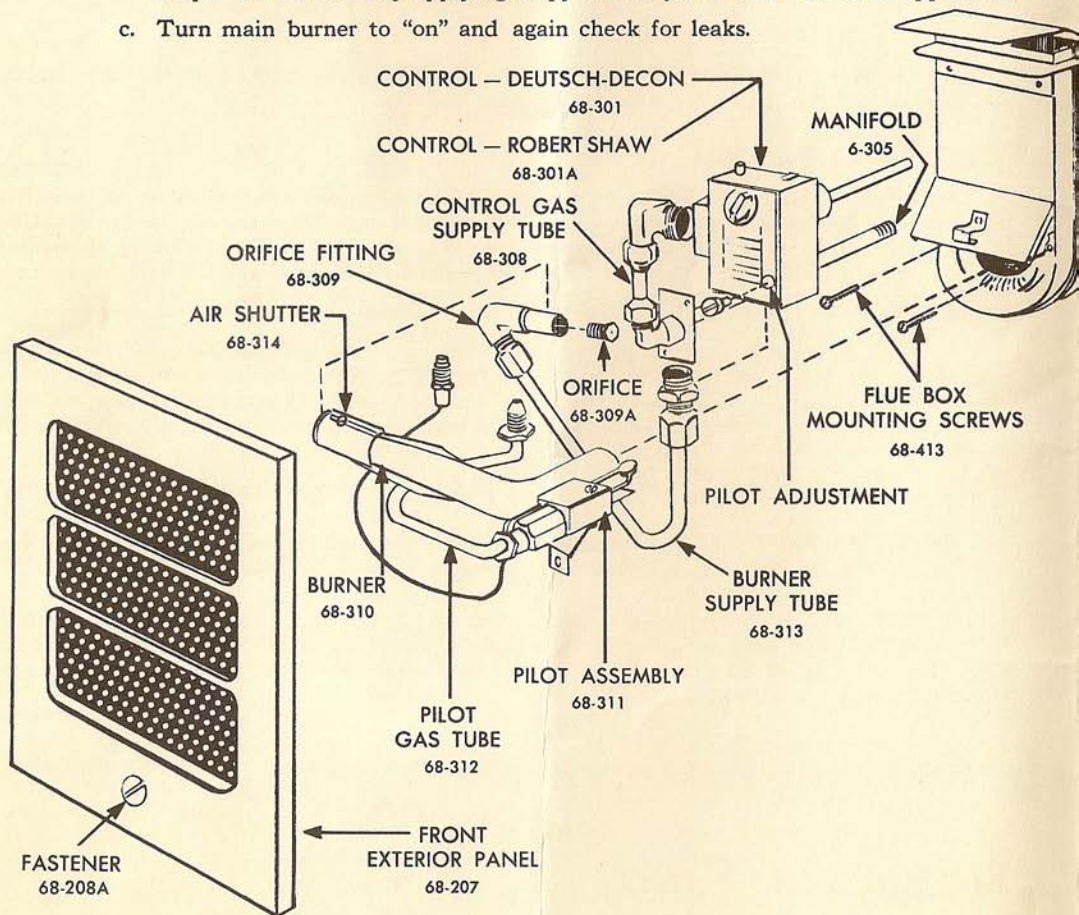


PHONE • 313 229-4506

PARTS REMOVAL FOR CLEANING OR REPLACEMENT

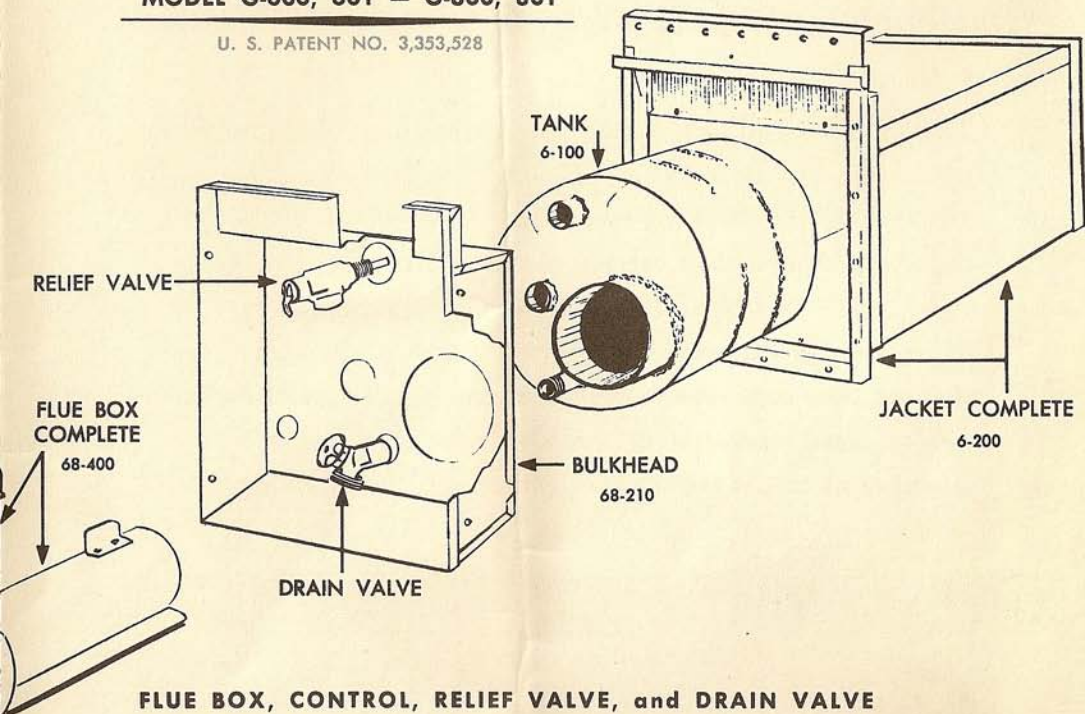
• BURNER AND PILOT ASSEMBLY

1. Turn gas off at the gas tank.
2. To remove the burner and pilot assembly, *first* disconnect the pilot gas line tube, thermocouple tube, and burner gas supply tube at the control. Now remove the burner mounting bracket screws and the whole assembly will rotate and remove easily. This method will prevent bending of the tubing and make it easier to re-install, using a reverse procedure.
3. **CAUTION!** When reinstalling be extremely careful that you do not over-tighten the thermocouple locking nut (on smallest tube). This is actually an electrical connection and overtightening can rupture the gas seal and cause leakage. Tighten this nut finger-tight and then turn an additional 1/4 turn with wrench.
 - a. Tighten all gas line connections.
 - b. Turn gas supply line on and light pilot. Check pilot line and thermocouple line for leaks by applying soapy suds to joints with a brush or applicator.
 - c. Turn main burner to "on" and again check for leaks.



MODEL G-600, 601 — G-800, 801

U. S. PATENT NO. 3,353,528



FLUE BOX, CONTROL, RELIEF VALVE, and DRAIN VALVE

1. To remove flue box, first remove burner assembly as per instructions Page 2. under Parts Removal For Cleaning Or Replacement. Open cover on flue box and remove the two brass screws (see part number 68-413). The flue box is easily removed by withdrawing from the combustion chamber.
After removal of the flue box the control, relief valve, or drain valve may be removed individually without the removal of the other.
2. After removal of the Flue Box the gas control may be removed after first disconnecting the gas line.
3. Caution: After reassembly of the gas control and gas line be certain to check gas connection for leaks. Refer to 3b, page 2.

PARTS AND HOW TO ORDER

Individual parts are identified on this page by name and number. Always refer to them when ordering, and please type or print to save delay in shipment.

Parts returned to our factory for repair or replacement (or under warranty) must be packaged so as to prevent shipping damage with transportation pre-paid. Parts returned under Warranty must show model and serial number of heater.

Parts under Warranty determined by inspection to be faulty as a result of poor workmanship or material will be replaced at no charge. Transportation pre-paid by Mobil Temp.

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Warranty

This heater is unconditionally guaranteed for FIVE YEARS when installed in a Travel Trailer, Camper, or recreational vehicle with the following exception . . . The Gas Control, Pilot, and Relief Valve shall carry a Factory Warranty of only one year. THIS WARRANTY IS VOID: If installed in violation of any local or national code, statute, ordinance or regulation, or if it has been subjected to misuse, alteration, neglect or damage or has been operated or installed contrary to our printed instructions or the ratings specified on the heater rating plate.



**FAILURE TO REGISTER WARRANTY CARD WITHIN 30 DAYS OF
INSTALLATION DATE RENDERS THIS WARRANTY NULL AND VOID**