

# "FITZ-ALL" OIL BURNER PUMP TESTER - INSTRUCTIONS -

DO NOT LEAVE TESTER UNATTENDED WHILE CONNECTED



### WARNING

This tester is "for professional use only" by a qualified technician familiar with oil heating systems, equipped with the proper tools and equipment, familiar with all governing codes and ordinances, and licensed by the proper authority where applicable. USE BY AN UNQUALIFIED PERSON CAN RESULT IN HAZARDS TO THAT PERSON AND OTHERS. THESE HAZARDS MAY INCLUDE RELEASE OF FUEL, FIRE, SEVERE BURNS, DAMAGE TO SYSTEM COMPONENTS, AND OTHER HAZARDS.

Westwood Products Inc., South River, NJ 08882

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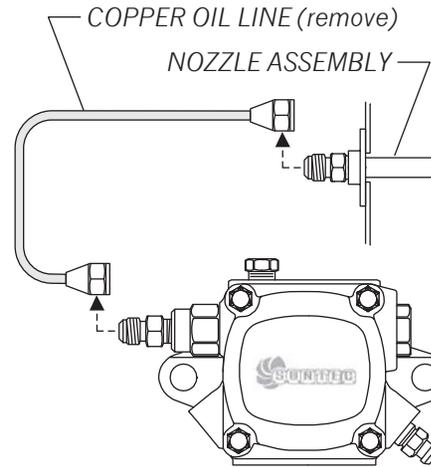


Figure 1.

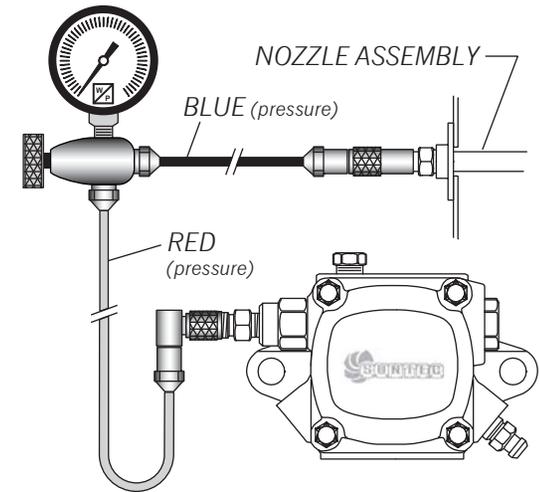


Figure 2.

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## TO USE WITH STANDARD PUMPS\* (for Riello pumps see page 4)

### CONNECTION:

1. Eye protection and fuel oil resistant gloves must be worn.
2. Turn off the power. Use a meter to verify the power is off.
3. Close the tester's knob all the way in the clockwise direction.
4. Place an oil resistant container under the pump and oil absorbent materials in the work area to catch any fuel releases.
5. Remove the copper oil line between the pump and the nozzle assembly, see Figure 1.
6. Connect the tester as shown in Figure 2. directly to the existing flare fittings making finger tight only. Use adaptors supplied if fittings are 1/4" flare.

### PRESSURE CHECK:

1. Open the tester knob 1/2 turn counter-clockwise.
2. Restore power and start the burner.
3. Turn the pump pressure adjuster in clockwise all the way.
4. If the pressure drops off, the pump is bad. If the pump is good, reset the pressure to the desired setting.



### CUT-OFF CHECK:

1. With the tester connected and the burner running, close the tester knob clockwise all the way.
2. Stop the burner.
3. If the pressure does not hold, the pump is bad.

### AFTER TESTING:

1. Turn off the power. Use a meter to verify the power is off.
2. Remove the tester and install the copper oil line between the pump and the nozzle assembly. (continued on next page)

\*with nozzle firing rate up to 10 GPH @ 300 PSI

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3. Restore power and operate the system to insure there are no leaks and it is operating properly.
4. Dispose of all liquid fuel oil and used absorbent materials in accordance with applicable regulations.

## TO USE WITH RIELLO PUMPS (Series 6000)

### CONNECTION:

1. Eye protection and fuel oil resistant gloves must be worn.
2. Turn off the power. Use a meter to verify the power is off.
3. Close the tester's knob all the way in the clockwise direction.
4. Place an oil resistant container under the pump and oil absorbent materials in the work area to catch any fuel releases.
5. Remove the bleeder fitting from the pressure port and install the Riello adaptor with the small hole toward the pump. See Figure 3. Tighten the Riello adaptor using a small wrench. Do not overtighten.
5. Connect the tester as shown in Figure 4. making the connection to the Riello adaptor finger tight only.
6. Do not connect the blue tubing to the pump. It is used for bleeding by opening the tester knob.
7. Restore power and use the procedure recommended by Riello for pump testing.

### AFTER TESTING:

1. Turn off the power. Use a meter to verify the power is off.
2. Remove the tester and the Riello adaptor and install and tighten the bleeder fitting.
3. Restore power and operate the system to insure there are no leaks and it is operating properly.
4. Dispose of all liquid fuel oil and used absorbent materials in accordance with applicable regulations.

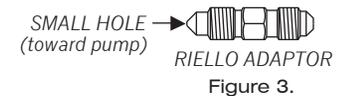


Figure 3.

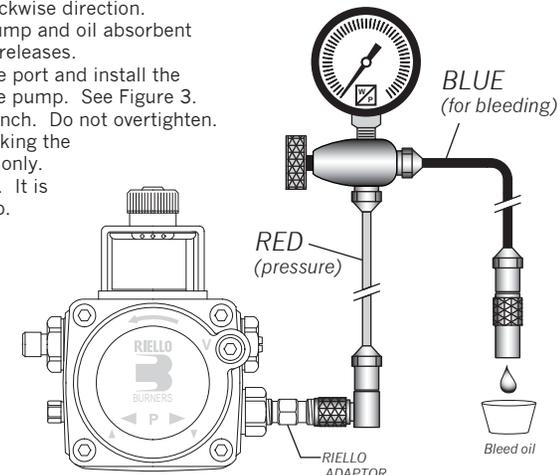


Figure 4.

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