



RAKU BURNER SYSTEMS

OPERATING INSTRUCTIONS

NOTE: BURNERS SHOULD BE INSTALLED IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL CODES, RULES, LAWS OR REGULATIONS. ONLY QUALIFIED PERSONNEL SHOULD INSTALL OR SERVICE BURNERS OR BURNER SYSTEMS. INSTALLATION PERMITS SHOULD BE OBTAINED FROM LOCAL ENFORCING AGENCY. USE CORRECT PRESSURE FOR THE BURNER AND BE SURE FLUE AND FIREBOX ARE OF PROPER SIZE BEFORE OPERATING.

PROPANE CONNECTIONS BETWEEN REGULATOR AND TANK ARE REVERSE THREADED. LEFT (COUNTERCLOCKWISE) IS TIGHT, RIGHT (CLOCKWISE) IS LOOSE.

1. Make sure burner ball valve is closed and primary air spin plate is open.
2. If burner is not equipped with BASO valve; proceed to step #6.
3. Hold flame to front of pilot while holding down the reset button on the BASO valve. Remember, the ball valve should be closed or gas will pass to the main burner. When pilot ignites, continue to hold down the reset button for 30-40 seconds. Release.
4. If pilot does not light, repeat step #3. Once pilot remains lit, proceed to step 5.
5. Slowly open burner ball valve until the main burner ignites. Adjust to desired output.
6. For burners without BASO valve, Hold flame to tip of the burner and slowly open the ball valve until burner ignites. Adjust to desired output.
7. When firing is complete, shut off burner ball valve first then the tank valve. Reduce pressure setting for storage to increase regulator spring life.
8. MR750 & MR100 Raku Systems may experience unwanted reduction above the 10 PSI range. Also, the MR750 & MR100 Raku Systems will not work well below 2 PSI in the horizontal position.

NOTE: USE LIGHTING WAND OR LONG MATCHES WHEN LIGHTING BURNERS. DO NOT USE BUTANE LIGHTERS OR SHORT MATCHES.

NOTE: High pressure BASO valves are rated for pressures up to 25 PSI. These valves cannot be used without a pressure regulator, nor should any Venturi burner connected to a propane tank. These valves allow gas to pass to the main burner when the reset button is depressed. Make sure main burner ball valve is closed before lighting pilot burners.

NOTE: Regulators on Raku systems should be kept dry and free of dust and dirt. Since Raku involves the use of combustible materials, a water hose and fire extinguisher should be kept handy.

NOTE: Tank freeze-up on propane fired Raku systems is a sign of gas withdrawal that is too rapid in relation to the tank size. If this is a problem, use a larger tank or slave multiple tanks together.

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