

Apollo-Ray

Infrared Burner Guide to Operation



LOW FIRED — Acceptable Operating Condition

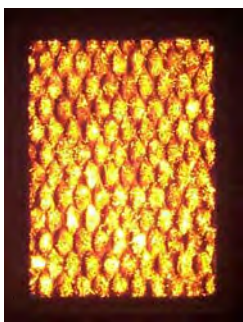
Low Fired Condition

Appearance: Dull Red

Manifold Pressure: ~ 2.5" w.c.

Air/Gas Ratio: 19.3—19.4 % O₂ with Natural Gas.

Run lean for best results



HIGH FIRED — Acceptable Operating Condition

High Fired Condition

Appearance: Yellow and Red

Manifold Pressure: ~ 4" w.c.

Air/Gas Ratio: 19.3—19.4 % O₂ with Natural Gas.

Run lean for best results.

A yellow flame haze indicates mixture is too rich



**OVER FIRED — UNACCEPTABLE
Do Not Operate In This Condition**

Over Fired Condition

This is too high and will shorten the life of this burner and waste fuel.

There should not be a flame cloud.

Appearance: Bright Yellow

Manifold Pressure: > 6" w.c. or too rich conditions

Adjust the mixer and lower the total volume with the air butterfly valve!

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