

Provide Start-up Form, Default Parameters Form and CSD-1 Form for Warranty Considerations



Job Name:	
Job Address:	

Boiler Model:	Serial Number:	Application:	Boiler Input:	Date of Service:	Low Gas Sw. (In WC):		Propane?	
					High Gas Sw.(In WC):		Y	N

	BURNER	GAS			COMBUSTION & FLUE						EFFICIENCY			WATER			Flame Sig. $\mu$ A
	Load Points	Gas Flow (SCFH)	Inlet Gas (in WC/ PSI)	Manifold Gas (In WC)	Fan Speed (RPM)	Stack Draft (In WC)	O2 (%)	CO (ppm)	NO <sub>x</sub>	CO <sub>2</sub> (%)	Ambient Temp (°F)	Flue Gas Temp (°F)	Efficiency (%)	Water Flow (GPM)	Temp in (°F)	Temp Out (°F)	
MOD 1	Ign.																
	Low																
	High																
MOD 2	Ign.																
	Low																
	High																
MOD 3	Ign.																
	Low																
	High																
MOD 4	Ign.																
	Low																
	High																

Notes:	Technician Company:	Technician Name:

	BURNER	GAS			COMBUSTION & FLUE					EFFICIENCY			WATER			Flame Sig. $\mu$ A
	Load Points	Gas Flow (SCFH)	Inlet Gas (in WC/ PSI)	Manifold Gas (In WC)	Fan Speed (RPM)	Stack Draft (In WC)	O2 (%)	CO (ppm)	NO <sub>x</sub>	CO <sub>2</sub> (%)	Ambient Temp (°F)	Flue Gas Temp (°F)	Efficiency (%)	Water Flow (GPM)	Temp in (°F)	
MOD 5	Ign.															
	Low															
	High															
MOD 6	Ign.															
	Low															
	High															
MOD 7	Ign.															
	Low															
	High															
MOD 8	Ign.															
	Low															
	High															

Notes:

Signature: \_\_\_\_\_  
 Date: \_\_\_\_\_

Please provide the following start-up information with combustion data before contacting Riello Technical Support: (905) 542-0303

- \* Recommended setting of 5% O2 +/- .25%.
- \* This will put combustion in the middle of the range of the recommended CO2 readings listed in the manual.
- \* Set high fire to achieve 5% O2 and low fire at 5%.O2.
- \* If the flame signal is weak at light, increase the rpm to give the light off position more gas.