

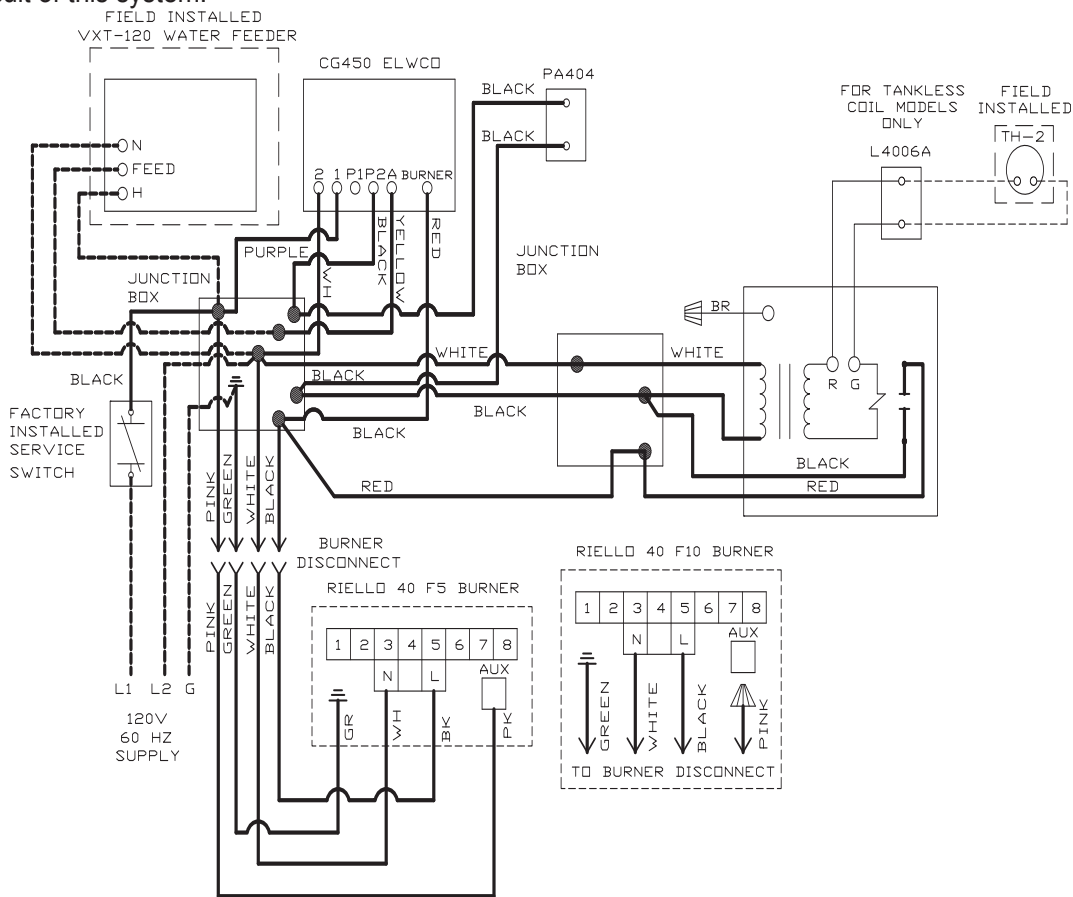
# SFE STEAM ELECTRICAL WIRING W/ RIELLO BURNER

P/N# 240007523, Rev. A [3/09]

Electrical wiring must conform with the latest revisions of the National Electrical Code, ANSI/NFPA No. 70, and/or local authority having jurisdiction.

1. When an external electrical source is utilized, the boiler, when installed, MUST BE electrically grounded in accordance with these requirements.
2. Install a fused disconnect switch between boiler and meter at a convenient location.
3. When the boiler is equipped with self-energized controls, no outside source of electric power shall be connected to the circuit of this system.

ELECTRICAL WIRING INSTRUCTIONS



## COMPONENT CODING

TH-1	Thermostat (Millivolt)	MR-PS	Manual Reset Pressure Switch	CIR	Circulator
TH-2	Thermostat (24 Volt)	○	Control Terminal	ECO	Energy Cut-Off
TH-3	Thermostat (Line Voltage)	1K	Relay Coil	PSC	Pilot Safety Coil
TR-1	Transformer (120V/24V/40VA)	1K1	Relay Contacts	●	Wire Connection
TR-2	Transformer (120V/24V/50VA)	1K2	Relay Contacts	LWCO	Low Water Cut Off
LGV24	Volt Gas Valve	LS	Limit Switch	EFW	Electric Water Feeder
PS	Pressure Switch	MS	Manual Switch	PG	Power Generator

## WIRING CODE

—————	Line Voltage By Factory
—————	Low Voltage By Factory
-----	Line Voltage By Installer
-----	Low Voltage By Installer

**NOTE:** Not all components listed are used in all control systems.