

WIRING DIAGRAM

Gas Direct Ignition Furnace, Heating & A/C Ready.

NOTES:

1. Incoming power must be polarized. Observe color coding. (See furnace data label for electrical information.)
2. If any of the original wires (as supplied with the appliance) must be replaced, use 105°C Thermoplastic type wire or its equivalent.
3. A wire from "Y" on the thermostat to the furnace is required.

Refer to the Installation Instructions provided with the furnace for the proper heating and cooling speeds for your application.

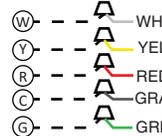
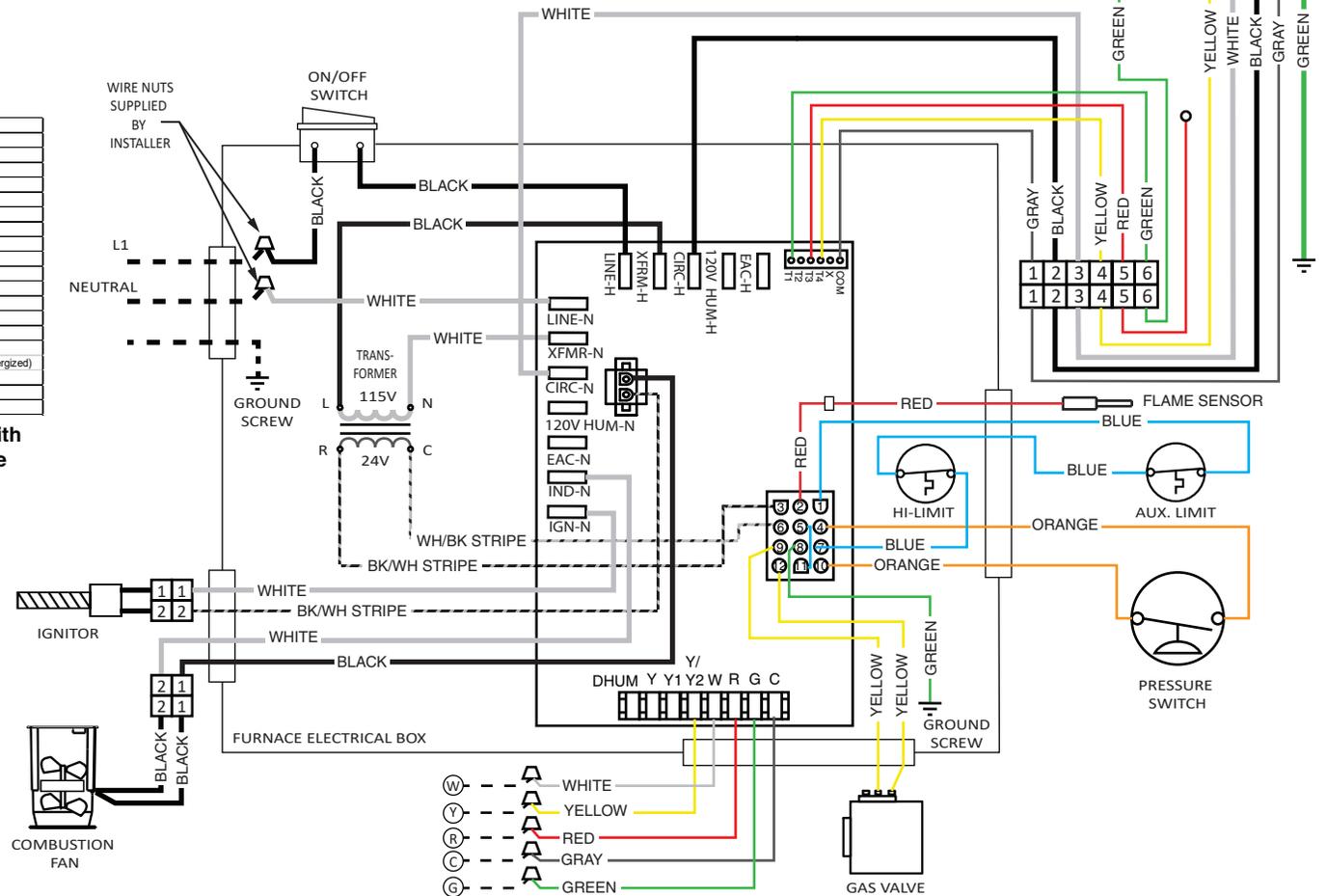
Red LED Flash	Error/Condition
Flash codes stored in memory (auto-erased after 14 days)	
1	System Lockout (Retries Exceeded)
2	Pressure Switch Stuck Closed
3	Pressure Switch Stuck Open
4	Open High Temperature Limit Switch
5	Flame Sensed > 4.25 Seconds with Gas Valve De-Energized
6	Open Flame RO Switch
8	Ignitor Relay Error
10	Open Fuse
11	Ignitor Open
12	Inducer Relay Error
Flash codes NOT stored in memory	
7	Low Flame Sense Signal
9	Twinning Fault
Off	Control Failure / No Power / Internal Fault / IRO Loss Gas Heating Lockout (Gas valve energized when it should be de-energized) Or Gas valve De-energized when it should be Energized
Rapid Flash	Reverse Polarity
Continuous On	Normal Operation

If any of the original wire as supplied with the furnace must be replaced, it must be replaced with wiring material having a temperature of at least 105°C.

Use copper conductors only.

Heat Motor SPEED DIPSWITCH SETTING (S2-1, S2-2)							
	Position	1	2	1	2	1	2
Motor SPEED	Heat	OFF	OFF	ON	OFF	ON	ON
		T1	T2	T3	T4		

Fan Motor SPEED DIPSWITCH SETTING (S2-3, S2-4)					
	Position	1	2	1	2
Motor SPEED	Fan	OFF	OFF	OFF	ON
		T1	T2	T4	T1+T2



*Refer to blower table for factory heating speed.

LEGEND:

FIELD WIRING	----
LOW VOLTAGE	—
HIGH VOLTAGE	—

Cool Motor SPEED DIPSWITCH SETTING (S1-1, S1-2, S1-3)													
	Position	1	2	3	1	2	3	1	2	3	1	2	3
Motor SPEED	Cool	Y	T1	T2	T3	T4	T1+T2	T1	T1	T1			



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