

# 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 / IRQ 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.

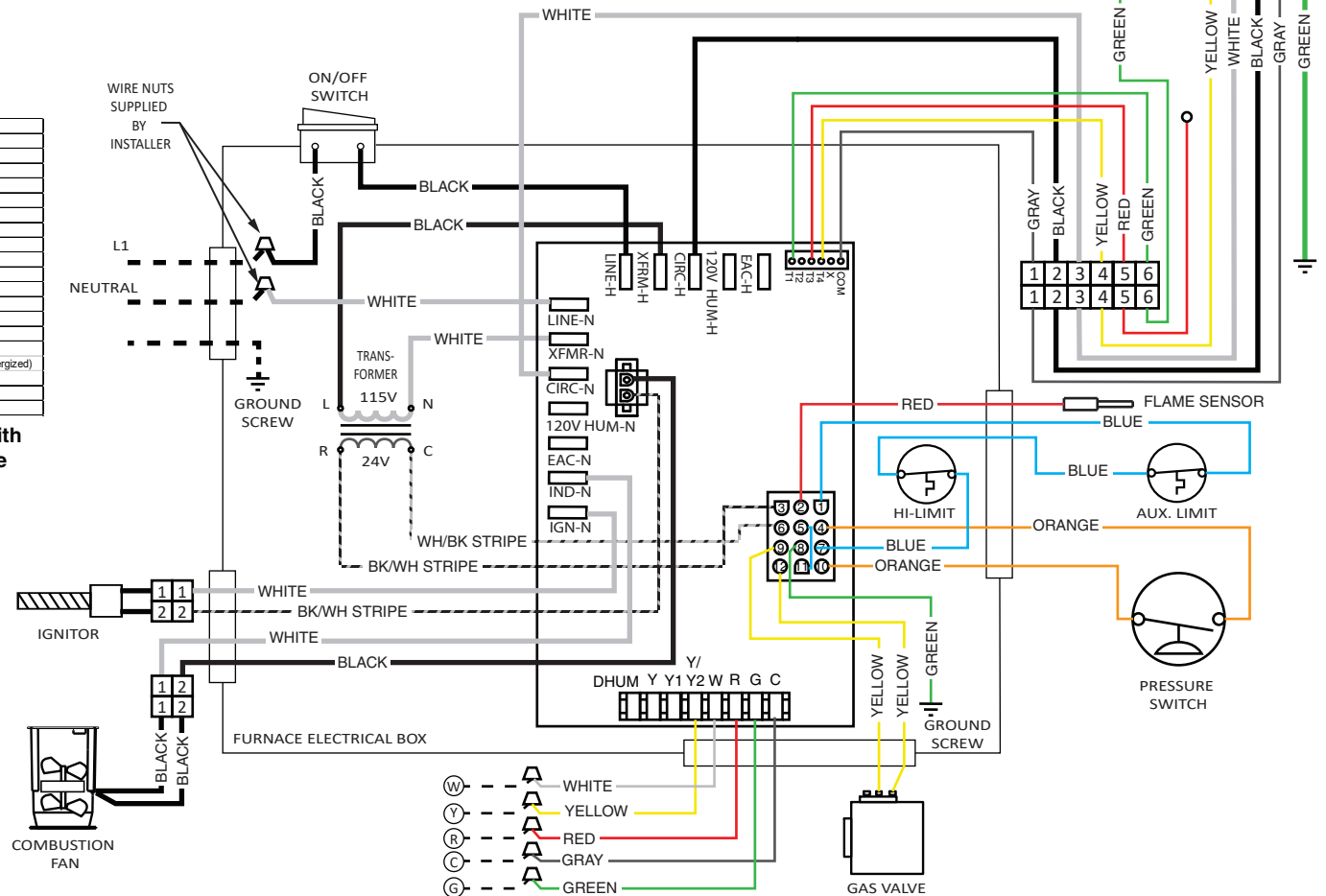
Heat Motor SPEED DIPSWITCH SETTING (S2-1, S2-2)		1	2	1	2	1	2	1	2
Position	OFF	OFF	ON	OFF	ON	ON	OFF	ON	ON
Motor SPEED	W	T1	T2	T3	T4				
Heat									

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

### LEGEND:

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

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



\*Refer to blower table for factory heating speed.



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(NEW)  
07/22