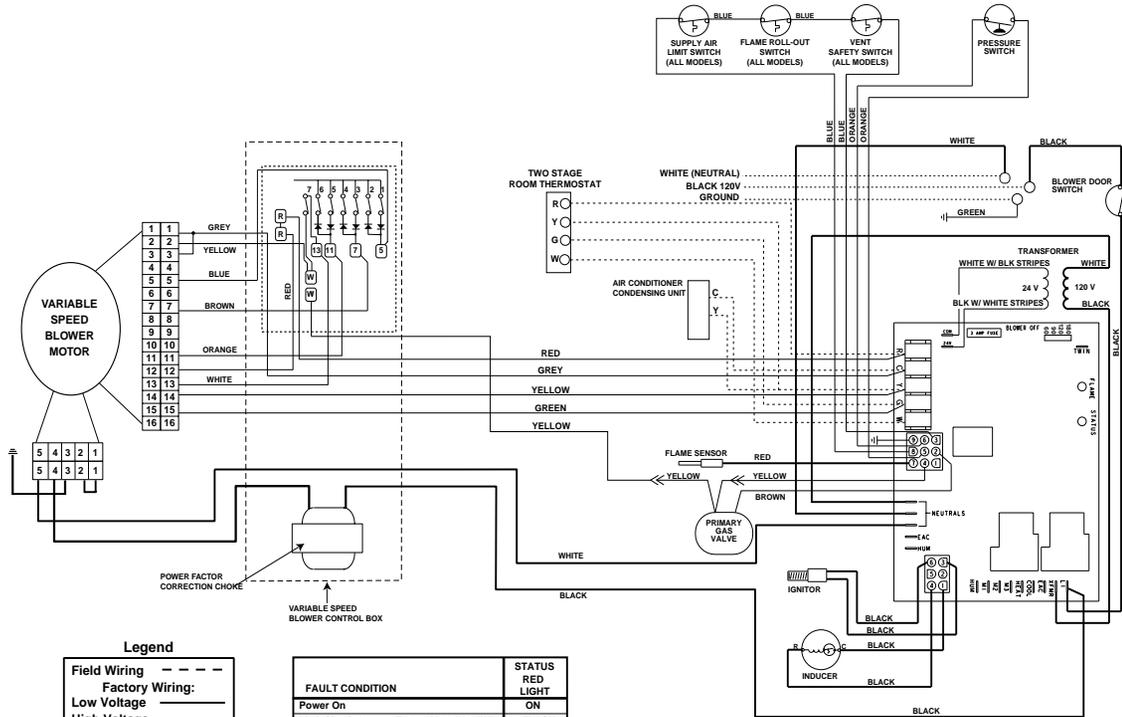


WIRING DIAGRAM

For Upflow Residential Furnace FG6RA
with Variable Speed Blower



Legend

Field Wiring	---
Factory Wiring:	—
Low Voltage	—
High Voltage	—

FAULT CONDITION	STATUS
Power On	ON
Limit Circuit Open or External Load On "W"	1 FLASH
Pressure Switch Stuck Open	2 FLASHES
Pressure Switch Stuck Closed	3 FLASHES
Ignition Failure (Check Ground)	4 FLASHES
115 VAC & Neutral Reversed or no Ground	5 FLASHES
False Flame or Gas Valve Relay Shorted	Continuous
Power Off	OFF

FAULT CONDITION	FLAME
Low Flame Sensor Signal	YELLOW LIGHT
Flame Present	Continuous Flash
	ON

NOTES:

1. Use copper conductors only.
2. If any of the original wire as supplied with the furnace must be replaced, it must be replaced with wiring material having a temperature rating of at least 105° C.
3. Refer to the Installation Instructions provided with the furnace for the appropriate heating and cooling speed settings for your application.
4. Ensure that wires from the blower remain connected to the board thermostat terminals after making the field thermostat connections.



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