

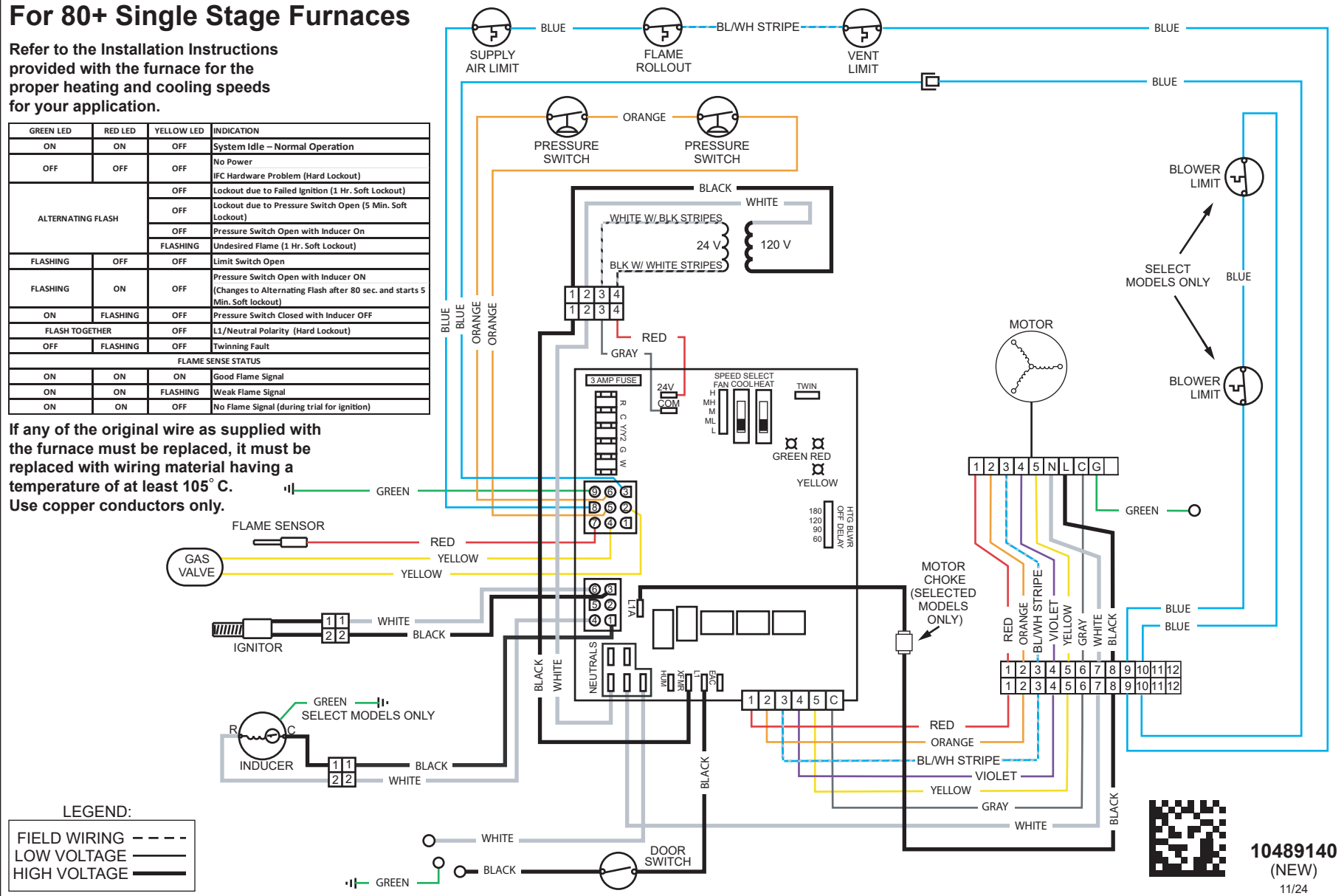
# WIRING DIAGRAM

## For 80+ Single Stage Furnaces

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

GREEN LED	RED LED	YELLOW LED	INDICATION
ON	ON	OFF	System Idle – Normal Operation
OFF	OFF	OFF	No Power
		OFF	IFC Hardware Problem (Hard Lockout)
		OFF	Lockout due to Failed Ignition (1 Hr. Soft Lockout)
		OFF	Lockout due to Pressure Switch Open (5 Min. Soft Lockout)
		OFF	Pressure Switch Open with Inducer On
		FLASHING	Undesired Flame (1 Hr. Soft Lockout)
FLASHING	OFF	OFF	Limit Switch Open
FLASHING	ON	OFF	Pressure Switch Open with Inducer ON (Changes to Alternating Flash after 80 sec. and starts 5 Min. Soft lockout)
ON	FLASHING	OFF	Pressure Switch Closed with Inducer OFF
FLASH TOGETHER	OFF	OFF	L1/Neutral Polarity (Hard Lockout)
OFF	FLASHING	OFF	Twinning Fault
FLAME SENSE STATUS			
ON	ON	ON	Good Flame Signal
ON	ON	FLASHING	Weak Flame Signal
ON	ON	OFF	No Flame Signal (during trial for ignition)

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.



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(NEW)