

Electrical Information

WIRING DIAGRAM

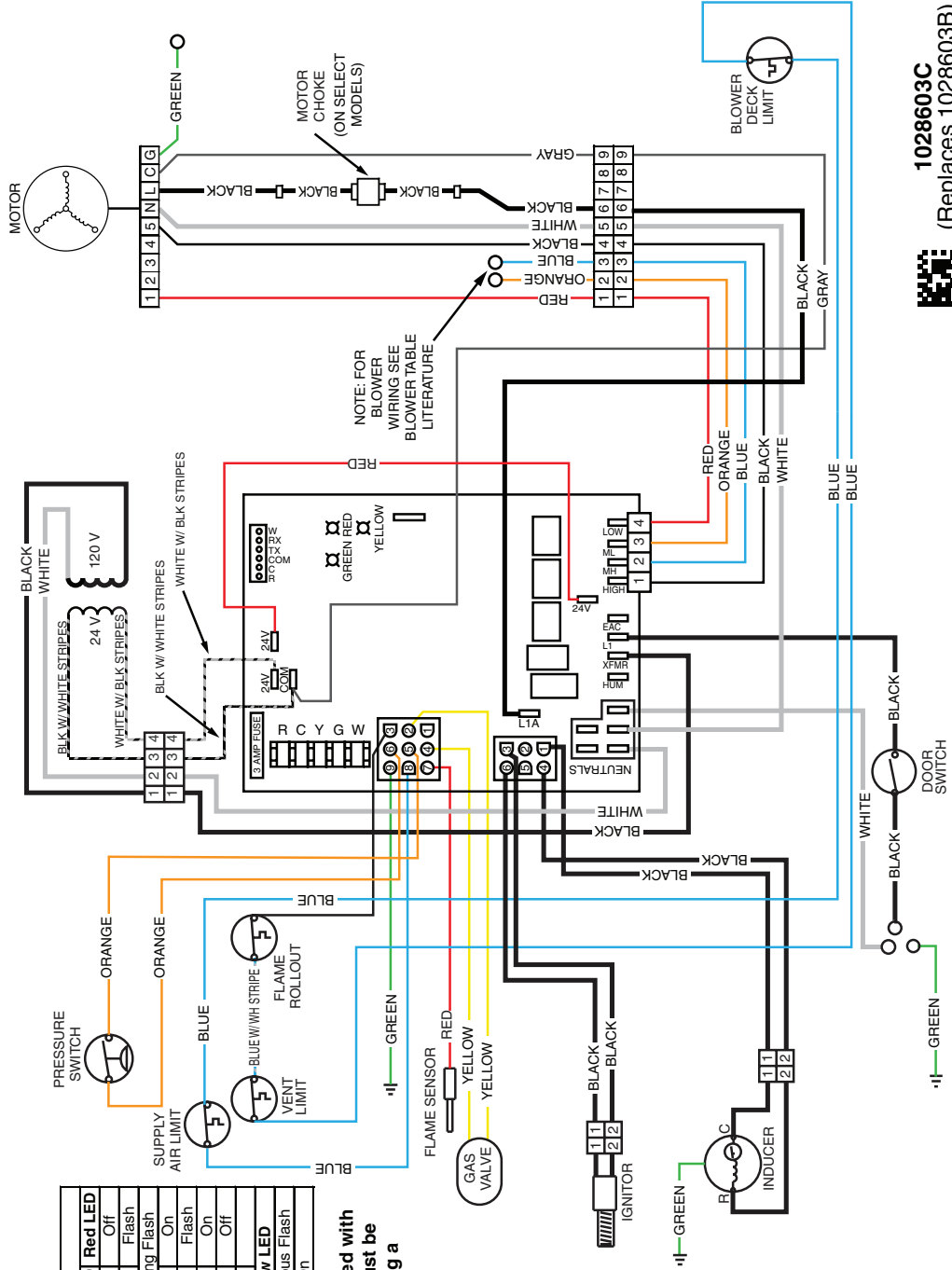
For 80+ and 90+ Single Stage Furnaces

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

FAULT CONDITIONS			
Diagnostic Description	Green LED	Red LED	
Control Fault (No Power)	Off	Off	
L1 / Neutral Polarity Fault	Flash	Flash	
1 Hour Lockout	On	On	Alternating Flash
Normal Operation	On	On	Flash
Pressure Switch Closed Fault	On	On	Flash
Pressure Switch Open Fault	Flash	Flash	Off
Open Limit Switch Fault	Flash	Flash	Off
Diagnostic Description			
Low Flame Sensor Signal	On	On	Continuous Flash
Flame Present	On	On	

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.



1028603C
(Replaces 1028603B)



01/20

LEGEND:

- FIELD WIRING
- LOW VOLTAGE
- HIGH VOLTAGE

WIRING DIAGRAM

For 80+ and 90+ Single Stage Furnaces

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

Red LED Flash Error Conditions

Flash Code	Description
1	Flame codes stored in memory (auto-erased after 14 days)
2	System Lockout (Flames Exceeded)
3	Pressure Switch Stuck Closed
4	Pressure Switch Stuck Open
5	Open High Temperature Limit Switch
6	Flame Sense#4.25 Seconds with Gas Valve De-Energized
8	Open Flame RO Switch
10	Open Fuse
11	Ignitor Relay Error
12	Inducer Relay Error

Flash codes NOT stored in memory

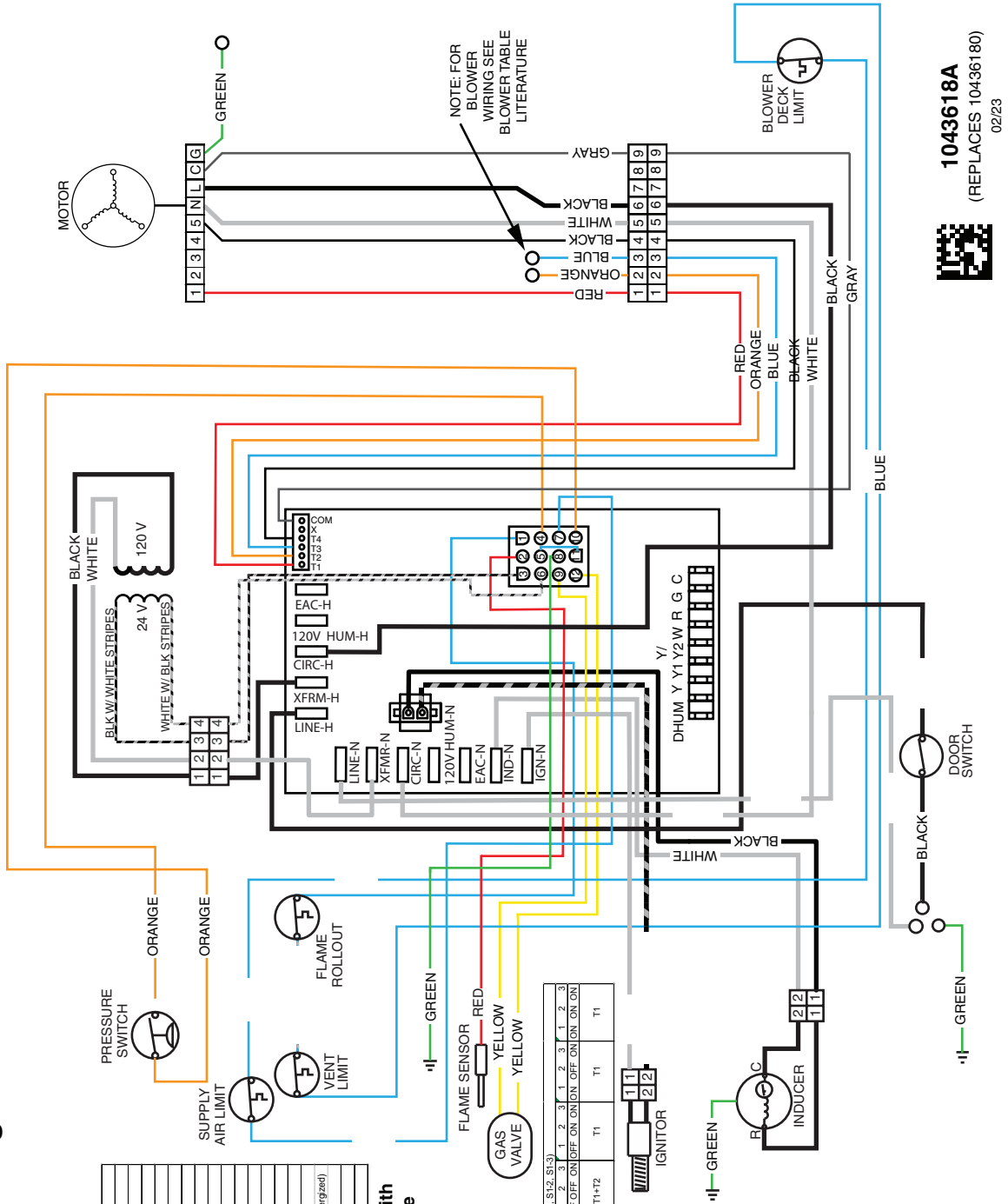
7	Low Flame Sense Signal
9	Twining Fault
Control Failure / No Power / Internal Fault / IRO Loss	
Off	Gas Heating Lockout (Gas valve energized when it should be de-energized) Or Gas valve de-energized when it should be Energized

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.



NOTE: FOR BLOWER WIRING SEE BLOWER TABLE LITERATURE



1043618A
(REPLACES 10436180)
02/23

LEGEND:

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