

INSTALLATION INSTRUCTIONS

Fixed Speed High Efficiency Blower Kit for Gas Furnace Applications

IMPORTANT SAFETY INFORMATION

INSTALLER: Please read all instructions before servicing this equipment. Pay attention to all safety warnings and any other special notes highlighted in the manual. Safety markings are used frequently throughout this manual to designate a degree or level of seriousness and should not be ignored. **WARNING** indicates a potentially hazardous situation that if not avoided, could result in personal injury or death. **CAUTION** indicates a potentially hazardous situation that if not avoided, may result in minor or moderate injury or property damage.

WARNING:

ELECTRICAL SHOCK, FIRE OR EXPLOSION HAZARD

Failure to follow safety warnings exactly could result in serious injury or property damage.

Improper servicing could result in dangerous operation, serious injury, death or property damage.

- Before servicing, disconnect all electrical power to furnace.
- When servicing controls, label all wires prior to disconnecting. Reconnect wires correctly.
- Verify proper operation after servicing.

WARNING:

The safety information listed below must be followed during the installation, service, and operation of this it. Unqualified individuals should not attempt to interpret these instructions or install this equipment. Failure to follow safety recommendations could result in possible damage to the equipment, serious personal injury or death.

- Follow all precautions in the literature, on tags and labels provided with the equipment. Read and thoroughly understand the instructions provided with the equipment prior to performing the installation and operational checkout of the equipment.
- Unless noted otherwise in these instructions, only factory authorized parts or accessory kits may be used with this product. Improper installation, service, adjustment, or maintenance may cause fire, electrical shock or other hazardous conditions which may result in personal injury or property damage.
- Use caution when handling this equipment or removing components. Personal injury can occur from sharp metal edges present in all sheet metal constructed equipment

ABOUT THE FSHE BLOWER KIT

The fixed speed blower kit is designed for installation in G7 gas furnaces.

- Part number 904872 is for "A" cabinet models and may be field-configured for air conditioning/heat pump airflows from 1-1/2 to 3 tons.
- Part number 904873 is for "B" cabinet models and may be field-configured for air conditioning/heat pump airflows from 2 to 3-1/2 tons.
- Part number 904874 is for "C" cabinet models, and may be field-configured for air conditioning/heat pump airflows from 3 to 5 tons.
- Part number 904875 is for "D" cabinet models and may be field-configured for air conditioning/heat pump airflows from 4 to 5 tons.

GENERAL INFORMATION

After unpacking, inspect the kit thoroughly for concealed damage. If damage is found, notify the transportation company immediately and file a concealed damage claim. All installations shall be made as described in the installation instructions and in accordance with applicable national and local codes including the requirements of local utilities.

Harness Descriptions for Upflow Furnaces

- 2A1371 or 634699 – Female 9-pin AMP mate-n-lok to 6-pin power connector, blue wire with female QC, black wire with female QC, and white wire with female QC.

Harness Descriptions for Downflow Furnaces

- 631706 – Female 9-pin AMP mate-n-lok to female 8-pin JST connector, 2 blue wires with female QC, black wire with female QC, and white wire with female QC.
- 634702 – Male 9-pin AMP mate-n-lok to female 8-pin JST connector, 2 blue wires with female QC, black wire with male QC, and white wire with male QC.
- 2A1401 or 634703 – 6-pin power connector to 6-pin power connector.

UPFLOW INSTALLATIONS

1. Disconnect electrical power to the furnace.
2. Remove the upper and lower access doors from the furnace.
3. Remove or back-out the 2 ground screws from the top of the blower deck to allow the blower to slide out of the furnace.
4. Unplug the existing electrical connector containing the blower wires from the receptacle located on the right side of the blower deck.
5. Remove the blower assembly from the furnace by removing the screws attaching the blower to the blower deck and sliding the blower assembly out of the furnace.
6. Remove the existing upper wire harness containing the blower power wires from the blower deck and the furnace control board, including the wires in the harness which go to the limits (supply air limit and either the vent limit, on select models, or the flame roll-out limit).

CAUTION:

Failure to remove the existing high voltage harness in this step may damage new motor or control board if FSHE kit is connected.

7. Remove the other blue limit wire from the supply air limit, cut off the connector, wire nut the blue wire (from pin 8 of the furnace control board 9-pin control harness), and leave dead.
8. Attach the blower mounting brackets to the blower assembly (if needed). **NOTE:** These brackets may be already attached to the new blower, or they may be taken from the old blower.
9. Slide the blower assembly into the furnace. **NOTE:** Make sure the sides of the blower are captured by all of the blower mounting tabs in the blower deck. Secure with the screws removed in step 5.
10. Replace the ground screws attaching the ground wires to the blower deck removed in step 3.
11. Install the 2A1371 or 634699 wire harness included in kit.
 - Attach the female 9-pin AMP panel connector to the blower deck.
 - Attach the 6-pin power connector to the Expansion Port connector on the furnace control board.
 - Attach the black wire to L1A on the furnace control board.
 - Attach the white wire to an open Neutral on the furnace control board.
 - Attach the limit wire to the supply air limit (terminal open from step 7).
12. Install the blue jumper wire (included in kit) from the supply air limit to the flame roll-out limit or, on select models, the vent limit (open terminals from step 6).
13. Attach the electrical plug of the new blower assembly to the receptacle installed in the blower deck in step 11.
14. Verify all wires are connected to the furnace according to the wiring diagram. See Figure 1 (page 4) & Figure 2 (page 5). Verify all wires which are factory connected and tighten as necessary.
15. Using wire ties, secure the wires away from moving parts, burner area, and to keep wires organized.
16. Refer to the Configuring the Blower section. If necessary to gain access to the motor control board, remove the cover of the motor control board mounting bracket. Replace when finished configuring the blower.
17. Replace current wiring diagram with new wiring diagram for the application which is included in the kit.
18. Reinstall the doors and restore power to the furnace.

DOWNFLOW INSTALLATIONS

For downflow installations, the motor control board and power choke (applicable with $\frac{3}{4}$ and 1 hp motors) will be mounted separately from the blower.

Preparing the Blower Kit

1. Remove the wiring harness which was pre-installed on the kit, the motor control board, and the choke (if applicable) from the motor control mounting bracket, disconnecting any wiring to allow these parts to be removed.
2. Remove the motor control mounting bracket by removing the 4 screws attaching it to the blower.
3. Install the new 634702 wiring harness (loose harness included in kit) by attaching the 8-pin female connector to the motor low voltage 8-pin plug.
4. Attach the black wire to the motor black power wire, and the white wire to the motor white power wire.
5. Attach the longer of the blue limit wires to the limit on the opposite side of the blower wrapper, and the shorter blue limit wire to the limit on the same side of the blower wrapper as the motor. Leave the blue jumper wire attaching the 2 blower limits on either side of the blower housing.
6. Reattach the green motor ground wire to the blower wrapper side. If applicable, remove the blower mounting brackets from either side of the blower housing.

Installing the New Modified Blower Assembly

1. Disconnect electrical power to the furnace.
2. Remove the upper and lower access doors from the furnace.
3. Remove the flue pipe from in front of the inner blower access door.
4. Remove the inner blower access door and unplug the receptacle containing the blower wires from the blower access door support column.
5. Remove the screws securing the blower assembly and slide the entire blower assembly out of the furnace.



CAUTION:

Failure to remove the existing high voltage harness in this step may damage new motor or control board if FSHE kit is connected.

6. Remove the existing wire harness containing the blower power wires from the inner blower access door support column and the furnace control board, including the wires in the harness which go to the limits (supply air limit and either the vent limit, on select models, or the flame roll-out limit).
7. Install the new modified blower assembly into the furnace, making sure that the sides of the blower are captured by all of the blower mounting tabs in the blower deck. Secure the blower with the screws removed in step 5.
8. Install one end of the new 634747 wiring harness (loose harness included in kit) by attaching the female 9-pin AMP panel connector to the inner blower access door.
9. Install the plug of the blower wires harness into the receptacle inner blower access door.
10. Reinstall the inner blower access door.
11. Mount the motor control board to the mounting bracket (included in kit). Then mount the mounting bracket onto inside wall of the furnace using the 2 mounting holes on the right furnace side wall.
12. Mount the power choke (applicable with $\frac{3}{4}$ and 1hp motors only) onto the inner blower access door using the 4 mounting holes provided.
13. Attach the other leads of the 634747 wiring harness from the inner blower access support column (in step 8). Connect the 8-pin plug onto the motor control board Blower Motor receptacle.
 - Connect the 2 blue limit wires of the harness to the supply air limit and either the vent limit (on select models) or the flame roll-out limit (the limits that had the harness removed from in Step 6).
 - Attach the white wire of the harness to any open Neutral connector on the furnace control board.
 - Attach the black wire of the wire harness to the L1A terminal on the furnace control board.
 - On $\frac{3}{4}$ or 1 hp motor units, attach the black wire of the harness to the motor choke male quick-connect terminal, then use the long, black extra wire included in the kit to connect the other lead of the choke to the L1A terminal of the furnace control board.
14. Attach the 2A1401 or 634703 harness (included in kit) from the furnace control board Expansion Port to the motor control board Expansion Port.
15. Verify all wires are connected to the furnace according to the wiring diagram. See Figure 1 (page 4) & Figure 2 (page 5). Verify all wires which are factory connected and tighten as necessary.
16. Use wire ties to secure wires away from moving parts, burner area, and to keep wires organized.
17. Refer to the Configuring the Blower section.
18. Replace current wiring diagram with new wiring diagram for the application which is included in the kit.
19. Reinstall the doors and restore power to the furnace.

CONFIGURING THE BLOWER

IMPORTANT NOTE:

The fixed speed high efficiency blower kit is designed to give the installer maximum flexibility to optimize system performance, efficiency, and comfort. Because there are so many ways to configure the kit, it is important to read and follow these instructions carefully.

The fixed speed high efficiency blower kit is equipped with a microprocessor control which is designed to provide a variety of system airflows and comfort options. Before operation, the fixed speed high efficiency blower must be configured to match the unit with the system, system options, and climate conditions. The blower is configured by setting the 8 switches located on the motor control board as described below.

Selecting the (Gas) Heating Torque

The motor torque during heating is selected by setting switches 1 through 4 (also marked as HEAT) on the motor control board. Refer to Table 2 (page 6 & page 7) and Table 3 (page 8 & page 9) and select an airflow to allow the furnace to reach an appropriate heat rise as shown on the unit rating plate. To reduce the heat rise, select a higher airflow; to increase the heat rise, select a lower airflow. Be sure that the selected rise is within the specification of the furnace as shown on the furnace rating label.

Determining Nominal System Capacity (A/C & HP)

In order to select the appropriate airflow for the AC and HP operation, the nominal system capacity must be known. The nominal system capacity is ALWAYS the nominal capacity of the outdoor unit. In some cases, the nominal system capacity is not the same as the nominal capacity of the indoor coil.

Selecting the Cooling/Heat Pump Torque

The motor torque during cooling/heat pump is selected by setting switches 5 through 8 (also marked as COOL) on the motor control board. All motor torques for other modes of operation, except for gas heat, are determined by this setting. Refer to the Airflow Settings graph and select an airflow in the range recommended for the nominal system capacity.

For maximum capacity and energy efficiency, generally a selection at or near the top of the CFM range for that nominal system capacity is best. For maximum dehumidification, select an airflow near the middle or bottom of the CFM range for that nominal system capacity.

NOTE: If coil icing is observed, the cooling/heat pump airflow may be set too low. Double-check to be sure the setting selected is within the range shown. Also, check to be sure the system is properly charged (see outdoor unit installation instructions). If icing continues to occur, raise the selected torque one or two steps.

SYSTEM OPERATION

Gas Heating Mode

When the thermostat calls for heating, the circuit between R and W is completed. The furnace control board initiates the ignition sequence. Approximately 30 seconds after the gas flame has proven, the blower motor will slowly ramp up to the selected motor torque. The blower will continue to operate after the call for heat has been removed for a selectable (switch on furnace control board) number of seconds. **NOTE:** All on- and off-delays for heating continue to be controlled by the furnace control board.

Cooling or Heat Pump Mode

When the thermostat calls for cooling or heat pump heating, the circuit between R, G, and Y (O is ignored by the blower) is completed. The blower slowly ramps up to the selected cooling motor torque. If there is a humidistat connected to the motor control board calling for humidity control, the motor will operate at 70% of the torque setting. Or, if the system is installed where humidity control is desired but a humidistat is not available, the DEHUM and R terminals on the motor control board may be jumpered. In this case, the blower will operate at 60% torque for the first 10 minutes of the cycle and then return to normal torque for the remainder of the cooling cycle. After the call for cooling or heat pump is satisfied, the blower continues to operate for 60 seconds at half of the selected torque.

Manual Fan

When the manual fan switch on the thermostat is on, energizing G only, the blower will ramp up to 50% of the selected cooling/heat pump motor torque.

FAULT CONDITIONS

There is a green and a red LED labeled "Status" on the motor control board to provide system faults. See Table 1 below.

Diagnostic Description	Red LED (AN1)	Green LED (AN2)
Control Fault (No Power)	Off	Off
Normal Operation	On	On
Motor Fault	On	Flash
Twin Fault (no motor fault)	Flash	On
Communications Fault	Flash	Flash

Table 1. Fault Conditions

Fixed Speed High Efficiency Blower Kit Single Stage Upflow Furnaces

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

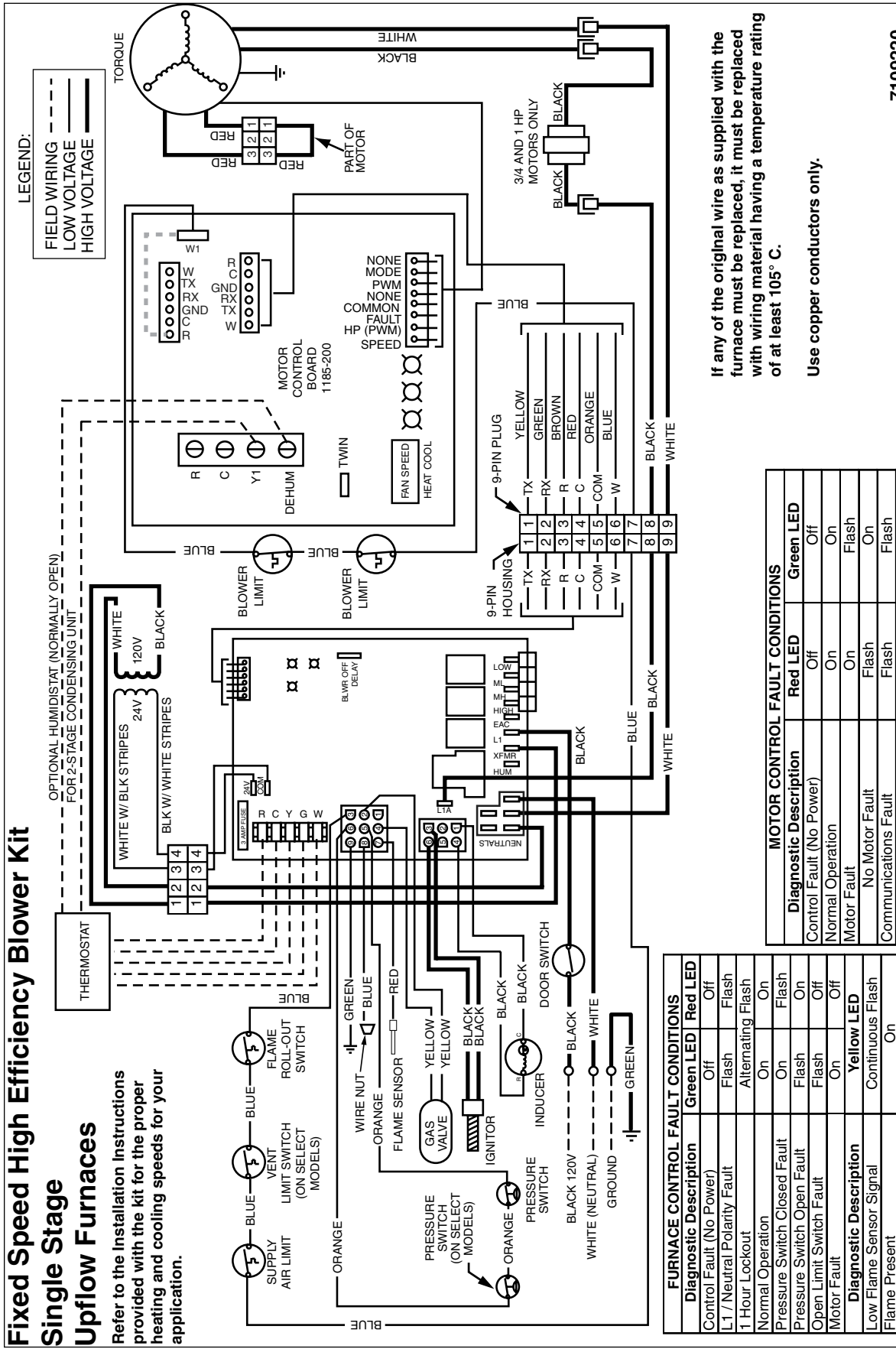
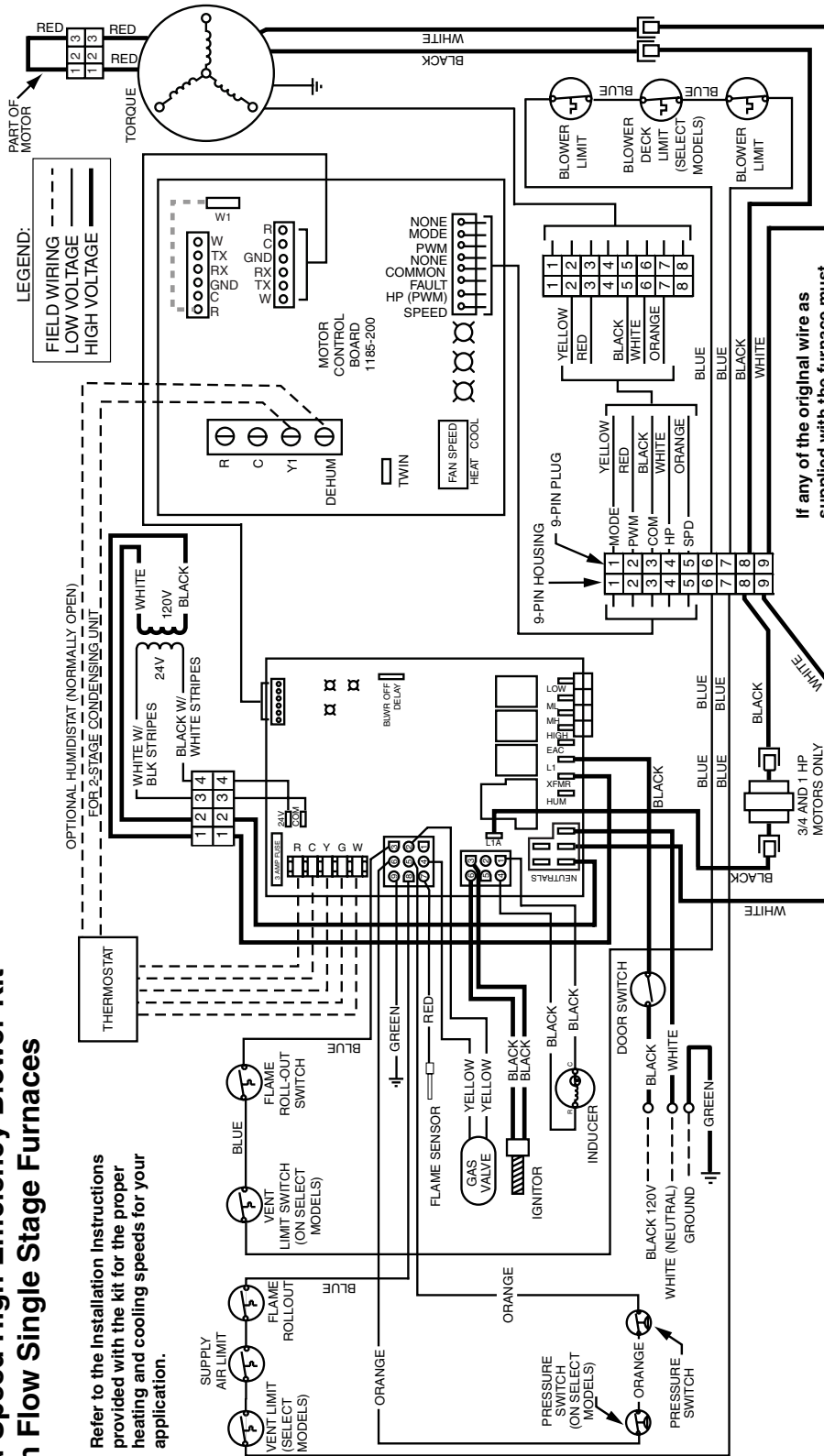


Figure 1. Wiring Diagram for Upflow Furnaces

WIRING DIAGRAM

Fixed Speed High Efficiency Blower Kit Down Flow Single Stage Furnaces

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



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.

Use copper conductors only.

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

MOTOR CONTROL FAULT CONDITIONS		
Diagnostic Description	Red LED	Green LED
Control Fault (No Power)	Off	Off
Normal Operation	On	On
Motor Fault	On	Flash
Twin Fault (no motor fault)	Flash	On
Communications Fault	Flash	Flash

LEGEND:

- FIELD WIRING: - - -
- LOW VOLTAGE: _____
- HIGH VOLTAGE: _____

710924A
(Replaces 7109240)
0315

Figure 2. Wiring Diagram for Downflow Furnaces

G7SA/SK - 80% AFUE, single Stage Gas Furnace																						
Model Number	Heating Input (Btuh)	Motor Switch Setting				External Static Pressure (in. w.c.)																
						0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		
		1/5	2/6	3/7	4/8	CFM	Rise	CFM	Rise	CFM	Rise	CFM	Rise	CFM	Rise	CFM	Rise	CFM	Rise	CFM	Rise	
*SA-090(‡)-*C	90,000	0	0	0	0	1125	59	1040	64	960	69	880	76	795	84	715	93	630	105	550	121	
		1	0	0	0	1205	55	1120	59	1040	64	960	70	875	76	795	84	715	93	630	106	
		0	1	0	0	1305	51	1225	54	1150	58	1070	62	995	67	915	73	840	80	760	88	
		1	1	0	0	1430	47	1350	49	1270	53	1190	56	1110	60	1030	65	950	70	865	77	
		0	0	1	0	1525	44	1450	46	1375	48	1300	51	1225	54	1150	58	1075	62	1000	67	
		1	0	1	0	1620	41	1540	43	1465	45	1390	48	1315	51	1240	54	1165	57	1090	61	
		0	1	1	0	1695	39	1620	41	1545	43	1465	45	1390	48	1315	51	1235	54	1160	57	
		1	1	1	0	1770	38	1700	39	1630	41	1555	43	1485	45	1410	47	1340	50	1265	53	
		0	0	0	1	1875	36	1805	37	1730	39	1655	40	1580	42	1510	44	1435	47	1340	49	
		1	0	0	1	1905	35	1840	36	1775	38	1710	39	1640	41	1575	42	1510	44	1445	46	
		0	1	0	1	1980	34	1910	35	1845	36	1780	37	1715	39	1650	40	1580	42	1515	44	
		1	1	0	1	2025	33	1960	34	1895	35	1830	36	1765	38	1700	39	1635	41	1570	42	
		0	0	1	1	2085	32	2025	33	1960	34	1900	35	1840	36	1775	38	1715	39	1655	40	
		1	0	1	1	2135	31	2070	32	2010	33	1945	34	1880	35	1815	37	1750	38	1685	40	
		0	1	1	1	2200	30	2145	31	2090	32	2035	33	1980	34	1925	35	1870	36	1820	37	
		1	1	1	1	2280	29	2225	30	2170	31	2115	31	2065	32	2010	33	1955	34	1900	35	
*SA/SK-108(‡)-*C	108,000	0	0	0	0	1125	71	1040	77	960	83	880	91	795	101	715	112	630	127	550	145	
		1	0	0	0	1205	66	1120	71	1040	77	960	83	875	91	795	101	715	112	630	127	
		0	1	0	0	1305	61	1225	65	1150	70	1070	75	995	81	915	87	840	95	760	105	
		1	1	0	0	1430	56	1350	59	1270	63	1190	67	1110	72	1030	78	950	84	865	92	
		0	0	1	0	1525	52	1450	55	1375	58	1300	62	1225	65	1150	70	1075	75	1000	80	
		1	0	1	0	1620	49	1540	52	1465	55	1390	57	1315	61	1240	64	1165	69	1090	73	
		0	1	1	0	1695	47	1620	49	1545	52	1465	55	1390	58	1315	61	1235	65	1160	69	
		1	1	1	0	1770	45	1700	47	1630	49	1555	51	1485	54	1410	57	1340	60	1265	63	
		0	0	0	1	1875	43	1805	44	1730	46	1655	48	1580	51	1510	53	1435	56	1340	59	
		1	0	0	1	1905	42	1840	43	1775	45	1710	47	1640	49	1575	51	1510	53	1445	55	
		0	1	0	1	1980	40	1910	42	1845	43	1780	45	1715	47	1650	49	1580	51	1515	53	
		1	1	0	1	2025	40	1960	41	1895	42	1830	44	1765	45	1700	47	1635	49	1570	51	
		0	0	1	1	2085	38	2025	40	1960	41	1900	42	1840	44	1775	45	1715	47	1655	48	
		1	0	1	1	2135	37	2070	39	2010	40	1945	41	1880	43	1815	44	1750	46	1685	48	
		0	1	1	1	2200	36	2145	37	2090	38	2035	39	1980	40	1925	42	1870	43	1820	44	
		1	1	1	1	2280	35	2225	36	2170	37	2115	38	2065	39	2010	40	1955	41	1900	42	
*SA/SK-126(‡)-*D	126,000	0	0	0	0	1395	67	1350	69	1305	72	1260	74	1210	77	1165	80	1120	83	1075	87	
		1	0	0	0	1465	64	1420	66	1375	68	1330	70	1290	72	1245	75	1200	78	1155	81	
		0	1	0	0	1555	60	1510	62	1470	64	1425	66	1380	68	1340	70	1295	72	1250	75	
		1	1	0	0	1625	57	1585	59	1540	61	1500	62	1460	64	1415	66	1375	68	1335	70	
		0	0	1	0	1690	55	1650	57	1610	58	1570	60	1530	61	1485	63	1445	64	1405	66	
		1	0	1	0	1760	53	1715	54	1670	56	1625	58	1575	59	1530	61	1485	63	1440	65	
		0	1	1	0	1835	51	1790	52	1745	54	1695	55	1650	57	1605	58	1555	60	1510	62	
		1	1	1	0	1885	50	1840	51	1790	52	1745	53	1700	55	1655	56	1610	58	1565	60	
		0	0	0	1	1945	48	1900	49	1850	50	1805	52	1760	53	1710	55	1665	56	1620	58	
		1	0	0	1	1950	48	1905	49	1860	50	1820	51	1775	53	1735	54	1690	55	1650	57	
		0	1	0	1	2075	45	2030	46	1990	47	1945	48	1900	49	1855	50	1810	52	1770	53	
		1	1	0	1	2125	44	2085	45	2040	46	2000	47	1955	48	1910	49	1870	50	1825	51	
		0	0	1	1	2170	43	2130	44	2090	45	2045	46	2005	47	1965	48	1925	49	1880	50	
		1	0	1	1	2215	42	2180	43	2140	44	2105	44	2070	45	2035	46	2000	47	1965	48	
		0	1	1	1										2225	42	2165	43	2100	44	2040	46
		1	1	1	1											2170	43	2120	44	2065	45	

NOTES:

(‡) Can be C or N

1. Motor Switch Settings are for heating speeds using HEAT switches 1, 2, 3, & 4 and cooling speeds using COOL switches 5, 6, 7, & 8.
2. Two openings are recommended for airflows above 1600 CFM if the filter(s) is (are) adjacent to the furnace.
3. Data is shown without filter - add .08in.w.c for filter.
4. Temperature rises in the table are approximate. Actual temperature rises may vary.
5. Temperature rises that are shaded in grey are for reference only. These conditions are not recommended.

Table 2. G7SA/SK - 80% AFUE Blower Data (continued)

G7SC/SL - 92.1% AFUE, Single Stage Gas Furnace

Model Number	Heating Input (Btuh)	Motor Switch Setting				External Static Pressure (in. w.c.)															
						0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8	
		1/5	2/6	3/7	4/8	CFM	Rise	CFM	Rise	CFM	Rise	CFM	Rise	CFM	Rise	CFM	Rise	CFM	Rise	CFM	Rise
*SC/SL-090D-*C	90,000	0	0	0	0	1125	68	1040	74	960	80	880	87	795	96	715	107	630	121	550	139
		1	0	0	0	1205	64	1120	68	1040	74	960	80	875	88	795	97	715	108	630	122
		0	1	0	0	1305	59	1225	63	1150	67	1070	72	995	77	915	84	840	92	760	101
		1	1	0	0	1430	54	1350	57	1270	60	1190	65	1110	69	1030	75	950	81	865	88
		0	0	1	0	1525	50	1450	53	1375	56	1300	59	1225	63	1150	67	1075	72	1000	77
		1	0	1	0	1615	47	1540	50	1465	52	1390	55	1315	58	1240	62	1165	66	1090	70
		0	1	1	0	1695	45	1620	47	1545	50	1465	52	1390	55	1315	58	1235	62	1160	66
		1	1	1	0	1770	43	1700	45	1630	47	1555	49	1485	52	1410	54	1340	57	1265	61
		0	0	0	1	1875	41	1805	43	1730	44	1655	46	1580	49	1505	51	1435	54	1360	56
		1	0	0	1	1905	40	1840	42	1775	43	1710	45	1640	47	1575	49	1510	51	1445	53
		0	1	0	1	1980	39	1910	40	1845	42	1780	43	1715	45	1645	47	1580	49	1515	51
		1	1	0	1	2025	38	1960	39	1895	41	1830	42	1765	43	1700	45	1635	47	1570	49
		0	0	1	1	2085	37	2025	38	1960	39	1900	40	1840	42	1775	43	1715	45	1655	46
		1	0	1	1	2135	36	2070	37	2010	38	1945	40	1880	41	1815	42	1750	44	1685	46
		0	1	1	1	2200	35	2145	36	2090	37	2035	38	1980	39	1925	40	1870	41	1815	42
		1	1	1	1	2280	34	2225	34	2170	35	2120	36	2065	37	2010	38	1955	39	1900	40
*SC-108D-*D	108,000	0	0	0	0	1395	66	1350	68	1305	71	1260	73	1210	76	1165	79	1120	82	1075	86
		1	0	0	0	1465	63	1420	65	1375	67	1330	69	1290	72	1245	74	1200	77	1155	80
		0	1	0	0	1555	59	1510	61	1470	63	1425	65	1380	67	1340	69	1295	71	1250	74
		1	1	0	0	1625	57	1585	58	1540	60	1500	61	1460	63	1415	65	1375	67	1335	69
		0	0	1	0	1690	55	1650	56	1610	57	1570	59	1530	60	1485	62	1445	64	1405	65
		1	0	1	0	1760	52	1715	54	1670	55	1625	57	1575	58	1530	60	1485	62	1440	64
		0	1	1	0	1835	50	1790	51	1745	53	1695	54	1650	56	1605	57	1555	59	1510	61
		1	1	1	0	1885	49	1840	50	1790	51	1745	53	1700	54	1655	56	1610	57	1565	59
		0	0	0	1	1945	47	1900	49	1850	50	1805	51	1760	52	1710	54	1665	55	1620	57
		1	0	0	1	1950	47	1905	48	1860	50	1820	51	1775	52	1735	53	1690	54	1650	56
		0	1	0	1	2075	44	2030	45	1990	46	1945	47	1900	48	1855	50	1810	51	1770	52
		1	1	0	1	2125	43	2085	44	2040	45	2000	46	1955	47	1910	48	1870	49	1825	50
		0	0	1	1	2170	42	2130	43	2090	44	2045	45	2005	46	1965	47	1925	48	1880	49
		1	0	1	1	2215	42	2180	42	2140	43	2105	44	2070	44	2035	45	2000	46	1965	47
		0	1	1	1									2225	41	2165	43	2100	44	2040	45
		1	1	1	1											2170	42	2120	43	2065	45
*SC/SL-120D-*D	120,000	0	0	0	0	1395	73	1350	76	1305	78	1260	81	1210	84	1165	88	1120	91	1075	95
		1	0	0	0	1465	70	1420	72	1375	74	1330	77	1290	79	1245	82	1200	85	1155	89
		0	1	0	0	1555	66	1510	68	1470	70	1425	72	1380	74	1340	76	1295	79	1250	82
		1	1	0	0	1625	63	1585	65	1540	66	1500	68	1460	70	1415	72	1375	74	1335	77
		0	0	1	0	1690	61	1650	62	1610	64	1570	65	1530	67	1485	69	1445	71	1405	73
		1	0	1	0	1760	58	1715	60	1670	61	1625	63	1575	65	1530	67	1485	69	1440	71
		0	1	1	0	1835	56	1790	57	1745	59	1695	60	1650	62	1605	64	1555	66	1510	68
		1	1	1	0	1885	54	1840	56	1790	57	1745	59	1700	60	1655	62	1610	64	1565	65
		0	0	0	1	1945	53	1900	54	1850	55	1805	57	1760	58	1710	60	1665	61	1620	63
		1	0	0	1	1950	53	1905	54	1860	55	1820	56	1775	58	1735	59	1690	61	1650	62
		0	1	0	1	2075	49	2030	50	1990	51	1945	53	1900	54	1855	55	1810	56	1770	58
		1	1	0	1	2125	48	2085	49	2040	50	2000	51	1955	52	1910	54	1870	55	1825	56
		0	0	1	1	2170	47	2130	48	2090	49	2045	50	2005	51	1965	52	1925	53	1880	54
		1	0	1	1	2215	46	2180	47	2140	48	2105	49	2070	49	2035	50	2000	51	1965	52
		0	1	1	1									2225	46	2165	47	2100	49	2040	50
		1	1	1	1											2170	47	2120	48	2065	50

NOTES:

1. Motor Switch Settings are for heating speeds using HEAT switches 1, 2, 3, & 4 and cooling speeds using COOL switches 5, 6, 7, & 8.
2. Two openings are recommended for airflows above 1600 CFM if the filter(s) is (are) adjacent to the furnace.
3. Data is shown without filter - add .08in.w.c for filter.
4. Temperature rises in the table are approximate. Actual temperature rises may vary.
5. Temperature rises that are shaded in grey are for reference only. These conditions are not recommended.

G7SC/SL - 92.1% AFUE Blower Data - Continued



Specifications & illustrations subject to change without notice or incurring obligations (09/18).
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708884D
(Replaces 708884C)