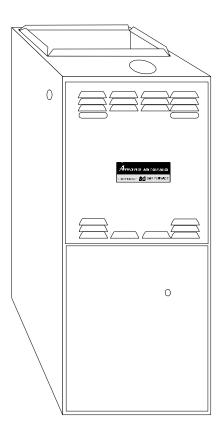
## Technical Information

### 40" 80% Gas Furnaces GUID

- Refer to Service Manual RS6600001 Rev. 1 for installation, operation, and troubleshooting information.
- All safety information must be followed as provided in the Service Manual.
- Refer to the appropriate Parts Catalog for part number information.







This manual replaces RT6621004 Rev. 0 April 2000.

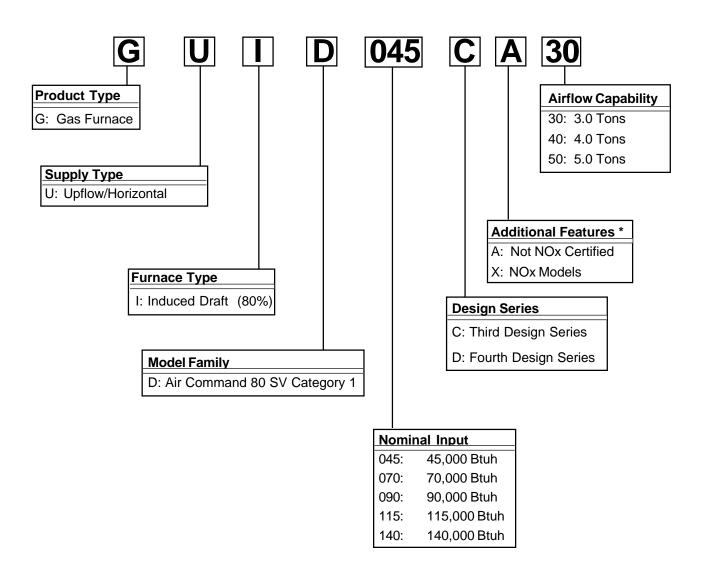
**REV. 1 -** Corrections made to manual, no new models added.



#### PRODUCT IDENTIFICATION

The model and manufacturing number are used for positive identification of component parts used in manufacturing. When engineering and manufacturing changes take place where interchangeability of components are affected, the manufacturing number will change.

It is very important to use the model and manufacturing numbers at all times when requesting service or parts information.





IF REPAIRS ARE ATTEMPTED BY UNQUALIFIED PERSONS, DANGEROUS CONDITIONS (SUCH AS EXPOSURE TO ELECTRICAL SHOCK) MAY RESULT. THIS MAY CAUSE SERIOUS INJURY OR DEATH.

AMANA WILL NOT BE RESPONSIBLE FOR ANY INJURY OR PROPERTY DAMAGE ARISING FROM IMPROPER SERVICE OR SERVICE PROCEDURES. IF YOU PERFORM SERVICE ON YOUR OWN PRODUCT, YOU ASSUME RESPONSIBILITY FOR ANY PERSONAL INJURY OR PROPERTY DAMAGE WHICH MAY RESULT.

#### PRODUCT IDENTIFICATION

The model and manufacturing number are used for positive identification of component parts used in manufacturing. When engineering and manufacturing changes take place where interchangeability of components are affected, the manufacturing number will change.

It is very important to use the model and manufacturing numbers at all times when requesting service or parts information.

MODEL	M/N	MODEL	M/N
GUID045CA30	P1212401F	GUID045DX30	P1227001F
GUID070CA30	P1212402F	GUID070DX30	P1227002F
GUID070CA40	P1212403F	GUID070DX40	P1227003F
GUID090CA30	P1212404F	GUID090DX50	P1227005F
GUID090CA50	P1212405F	GUID115DX50	P1227007F
GUID115CA50	P1212407F	GUID070DX40	P1227009F
GUID045CX30	P1212501F	GUID045CA30	P1229401F
GUID070CX30	P1212502F	GUID070CA30	P1229402F
GUID070CX40	P1212503F	GUID070CA40	P1229403F
GUID090CX30	P1212504F	GUID090CA30	P1229404F
GUID090CX50	P1212505F	GUID090CA50	P1229405F
GUID115CX50	P1212507F	GUID115CA50	P1229407F
GUID045CX30	P1220501F	GUID045CA30	P1229501F
GUID070CX30	P1220502F	GUID070CA30	P1229502F
GUID070CX40	P1220503F	GUID070CA40	P1229503F
GUID090CX30	P1220504F	GUID090CA30	P1229504F
GUID090CX50	P1220505F	GUID090CA50	P1229505F
GUID115CX50	P1220507F	GUID115CA50	P1229507F
GUID045CA30	P1220601F	GUID045CX30	P1229601F
GUID070CA30	P1220601F	GUID070CX30	P1229602F
GUID070CA30	P1220603F	GUID070CX40	P1229603F
GUID090CA30	P1220604F	GUID090CX30	P1229604F
GUID090CA50	P1220605F	GUID090CX50	P1229605F
GUID115CA50	P1220607F	GUID115CX50	P1229607F
GUID045DA30	P1226901F	GUID045CX30	P1229701F
GUID070DA30	P1226902F	GUID070CX30	P1229702F
GUID070DA30	P1226903F	GUID070CX40	P1229703F
GUID090DA30	P1226904F	GUID090CX50	P1229705F
GUID090DA50	P1226905F		
GUID115DA50	P1226907F		
GUID090DA50	P1226910F		
COIDOSODASO	1 12203101		

#### PRODUCT DESIGN

#### **General Operation**

This GUID furnace is equipped with an electronic ignition device to light the burners and an induced draft blower to exhaust combustion products.

An interlock switch prevents furnace operation if the blower door is not in place. Keep the blower access doors in place except for inspection and maintenance.

This furnace is also equipped with a self-diagnosing electronic control module. In the event a furnace component is not operating properly, the control module LED will flash on and off in a factory-programmed sequence, depending on the problem encountered. This light can be viewed through the observation window in the blower access door. Refer to the *Troubleshooting Chart* for further explanation of the LED codes and *Abnormal Operation - Integrated Ignition Control* section in the Service Instructions for an explanation of the possible problem.

The rated heating capacity of the furnace should be greater than or equal to the total heat loss of the area to be heated. The total heat loss should be calculated by an approved method or in accordance with "ASHRAE Guide" or "Manual J-Load Calculations" published by the Air Conditioning Contractors of America.

\*Obtain from: American National Standards Institute 1430 Broadway New York, NY 10018

#### Location Considerations

- The furnace should be as centralized as is practical with respect to the air distribution system.
- Do not install the furnace directly on carpeting, tile, or combustible material other than wood flooring.
- When suspending the furnace from rafters or joists, use 3/8" threaded rod and 2" x 2" x 3/8" angle as shown in the Installation and Service Instructions. The length of the rod will depend on the application and clearance necessary.
- When installed in a residential garage, the furnace must be positioned so the burners and ignition source are located not less than 18 inches (457 mm) above the floor and protected from physical damage by vehicles.

#### Accessibility Clearances (Minimum)

MINIMU	MINIMUM CLEARANCES TO COMBUSTIBLE MATERIALS (INCHES)								
	UPFLOW HORIZONTAL HORIZONTAL LEFT RIGHT								
FRONT	6 <sup>1</sup>	Alcove	Alcove						
RIGHT	0	6	12						
LEFT	0	12	6						
REAR	0	0	0						
TOP	1	6	6						
FLUE	$6^2$ $6^2$ $6^2$								
FLOOR	С	С	С						

<sup>&</sup>lt;sup>1</sup> = 3 inch when using Type B-1 vent is used.

36" at front is required for servicing or cleaning.

**Note:** In all cases accessibility clearance shall take precedence over clearances from the enclosure where accessibility clearances are greater. All dimensions are given in inches.

#### High Altitude Derate

When this furnace is installed at high altitude, the appropriate High Altitude orifice kit must be installed. This is required due to the natural reduction in the density of both the gas fuel and combustion air as altitude increases. The kit will provide the proper design certified input rate within the specified altitude range.

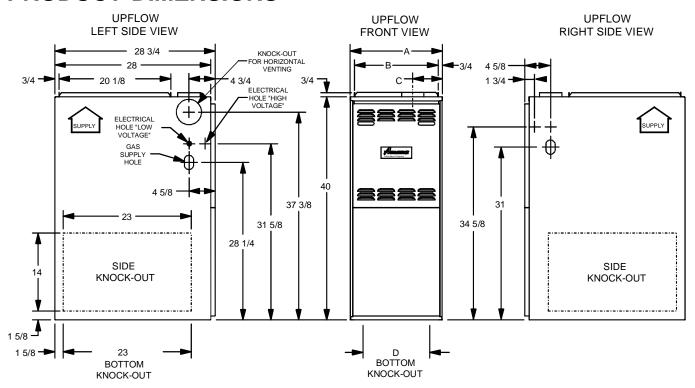
PROPANE AND HIGH ALTITUDE KITS									
MODEL	0 to 6001 to 6001 to								
NUMBER	6000 ft.	11000 ft.	11000 ft.						
	LPTK09	HANG07	HALP09						
GUID	Propane	High Altitude	High Altitude						
GUID	Conversion Kit	Natural Gas Kit	Propane Gas Kit						
	(#55 Orifice)	(#45 Orifice)	(#56 Orifices)						

High altitude kits are purchased according to the installation altitude and usage of either natural or propane gas. Refer to the chart above for a tabular listing of appropriate altitude ranges and corresponding manufacturer's high altitude Natural Gas and Propane Gas kits. For a tabular listing of appropriate altitude ranges and corresponding manufacturer's High Altitude Pressure Switch kits, refer to either the *Pressure Switch Trip Points & Usage Chart* in this manual or the *Accessory Charts* in Service Instructions.

<sup>&</sup>lt;sup>2</sup> = 1 inch when Type B-1 vent is used.

C = If placed on combustible floor, floor MUST be wood ONLY.

#### **PRODUCT DIMENSIONS**



GUID DIMENSIONS											
FURNACE MODEL	Α	В	Minimum Vent Diameter								
GUID045 GUID070	16-1/2	15	5-1/4	12-5/8	4	4					
GUID090	20-1/2	19	7-1/4	14-5/8	4	4					
GUID115	24-1/2	23	9-1/4	18-5/8	4	5					

All dimensions are in inches.

#### **PRODUCT DESIGN**

	PRESSURE SWITCH TRIP POINTS AND USAGE CHART											
	MINIMUM NEGATIVE PRESSURE	MINIMUM NEGATIVE PRESSURE		PRESSURE SWITCH TRIP POINTS AND USAGE								
MODEL	WITH FLUE NOT FIRING	WITH FLUE FIRING		0 to 6000 ft.		(	6000 to 8500 t	ft.	8	500 to 11000	ft.	
	TYPICAL SEA LEVEL DATA	TYPICAL SEA LEVEL DATA	TRIP POINT	PRESSURE SWITCH (Prod.)	LABEL COLOR	TRIP POINT	HIGH ALTITUDE KIT	LABEL COLOR	TRIP POINT	HIGH ALTITUDE KIT	LABEL COLOR	
GUID	-0.85	-0.60	-0.55 10727920 DK BLUE -0.50 HAC1PS11 LT BLUE -0.41 HAC1PS12 10727916 ORA					ORANGE				

Note: Replacement pressure switch number is listed below High Altitude Pressure Switch Kit number.

Note: All negative pressure readings are in inches of water column (" w.c.).

T.O.D. PRIMARY LIMIT											
Part Number	10728304	10728322	10728325	10728326	10728331	10728332	10728338				
Open Setting °F	190	230	170	220	160	150	215				
Style	2	3	3	3	3	3	3				
Sleeve Colors	Yellow	Orange	Blue	Black	Tan	Green	1 Green 1 Yellow				
GUID045**30		1									
GUID070**30				1							
GUID070**40			1								
GUID070**40 (10x8 Blower)							1				
GUID090**30					1	*1					
GUID090**50					1						
GUID115**50	1										

<sup>\*1 =</sup> The GUID090\*\*30 furnaces can also use primary limit part #10728332 (150°F) in place of limit part #10728331 (160°F).

ROLLOUT LIMIT SWITCHES									
	10123509	10123510	10123511						
Part Number	or	or	or						
	10123528	10123529	10123530						
Open Setting °F	275	300	250						
Color	PINK	GREEN	LT PURPLE						
GUID045**30			1						
GUID070**30/40		1							
GUID090**30/50		1							
GUID115**50	1								

<b>AUXILIARY LIMIT SWITCHES</b>						
	10123506					
Part Number	or					
	10123525					
Open Setting °F	160					
Color	Orange					
GUID045**30	1					
GUID070**30/40	1					
GUID090**30/50	1					
GUID115**50	1					

#### **PRODUCT DESIGN**

#### **Coil Matches:**

A large array of Amana coils are available for use with the GUID furnaces, in either upflow or horizontal applications. These coils are available in both cased and uncased models, with or without a TXV expansion device. These 80% furnaces match up with the existing Amana coils as shown in the chart below.

Btuh Input	Cabinet Width	Air Flow (tons)	CAA_F*C Cased A-Coils	CCA_FSC Uncased A-Coils	CHA_TCC Cased TXV A-Coils	CHA_TSC Uncased TXV A-Coils	CCF_F*C Horiz. A-Coils	CHF_TCC Horiz. A-Coils
45,000	16 1/2"	1 1/2 - 3	CCA18FCC CCA24FCC CCA30FCC	CCA18FSC CCA24FSC CCA30FSC	CHA18TCC CHA24TCC	CHA18TSC CHA24TSC	CCF24FCC CCF30FCC	CHF18TCC CHF24TCC
70,000	16 1/2"	2 - 3 1/2	CCA36FCC CCA42FCC	CC CCA36FSC CH	CHA30TCC CHA36TCC	CHA30TSC CHA36TSC	CCF36FCC	CHF30TCC
90,000	20 1/2"	2 1/2 - 4	CCA30FDC CCA36FDC CCA42FDC CCA48FCC	CCA48FSC	CHA42TCC	CHA42TSC	CCF24FDC CCF36FDC CCF42FCC CCF48FCC	CHF36TCC CHF42TCC
115,000	24 1/2"	3 - 5	CCA36FKC CCA48FDC CCA54FCC CCA57FCC CCA60FCC	CCA54FSC CCA57FSC CCA60FSC	CHA48TCC CHA54TCC CHA57TCC CHA60TCC	CHA48TSC CHA54TSC CHA57TSC CHA60TSC	CCF48FDC CCF60FCC	CHF48TCC

#### Thermostats:

The following Amana Thermostats are suggested for use with the GUID Furnace Models:

	Thermostats									
Thermostat	Man/Auto	Programmable	Cool	Heat	Batt. Powered	Batt. Bkup*	Shape	Color		
1213401	Man. Changeover	Yes	1	1	Yes	No	Rectangular	White		
1213402	Man. Changeover	No	1	1	Yes	No	Rectangular	White		
1213408	Man. or Auto Changeover	Yes	1	1	No	Yes	Rectangular	White		

#### **FURNACE SPECIFICATIONS**

MODEL	GUID045CA30 GUID045CX30 GUID045DA30 GUID045DX30	GUID070CA30 GUID070CX30 GUID070DA30 GUID070DX30	GUID070CA40 GUID070CX40 GUID070DA40 GUID070DX40	GUID090CA30 GUID090CX30 GUID090DA30	GUID090CA50 GUID090CX50 GUID090DA50 GUID090DX50	GUID115CA50 GUID115CX50 GUID115DA50 GUID115DX50
Btuh Input (US)	46,000	69,000	69,000	92,000	92,000	115,000
Output (US)	36,800	55,200	55,200	73,600	73,600	92,000
A.F.U.E.	80%	80%	80%	80%	80%	80%
Rated External Static (" w.c.)	.1050	.1250	.1250	.1550	.1550	.2050
Temperature Rise (°F)	35 - 65	35 - 65	35 - 65	40 - 70	40 - 70	40 - 70
Pressure Switch Trip Point (" w.c.)	-0.55	-0.55	-0.55	-0.55	-0.55	-0.55
Blower Wheel (D" x W")	9 x 8	9 x 8	10 x 6	10 x 8	10 x 8	10 x 9
Blower Horsepower	1/3	1/3	1/2	1/2	3/4	3/4
Blower Speeds	4	4	4	4	4	4
Max CFM @ 0.5 E.S.P.	1200	1290	1529	1380	1975	1985
Power Supply	115-60-1	115-60-1	115-60-1	115-60-1	115-60-1	115-60-1
Minimum Circuit Ampacity (MCA)	8.6	8.5	10.4	8.2	14.6	13.1
Maximum Overcurrent Device	15	15	15	15	15	15
Transformer (VA)	40	40	40	40	40	40
Heat Anticipator	0.7	0.7	0.7	0.7	0.7	0.7
Primary Limit Setting (°F)	230	220	170	*150	160	190
Auxiliary Limit Setting (°F)	160	160	160	160	160	160
Rollout Limit Setting (°F)	250	300	300	300	300	275
Fan Delay On	30 secs.	30 secs.	30 secs.	30 secs.	30 secs.	30 secs.
Off Heating *	90 secs.	90 secs.	90 secs.	90 secs.	90 secs.	90 secs.
Off Cooling	45 secs.	45 secs.	45 secs.	45 secs.	45 secs.	45 secs.
Gas Supply Pressure (Natural/Propane) ("w.c.)	11-Jul	11-Jul	11-Jul	11-Jul	11-Jul	11-Jul
Manifold Pressure (Natural/Propane) ("w.c.)	3.5 / 10	3.5 / 10	3.5 / 10	3.5 / 10	3.5 / 10	3.5 / 10
Orifice Size (Natural/Propane)	#43 / #55	#43 / #55	#43 / #55	#43 / #55	#43 / #55	#43 / #55
Number of Burners	2	3	3	4	4	5
Vent Connector Diameter (inches)	4	4	4	4	4	4
Shipping Weight (lbs.)	140	151	152	169	178	194

<sup>\*</sup> Off Heating - This fan delay timing is adjustable (60, 90, 120 or 180 seconds), 90 seconds as shipped.

- 1. These furnaces are manufactured for natural gas operation. Optional kits are available for conversion to propane operation
- 2. For elevations above 2000 ft. the rating should be reduced by 4% for each 1000 ft. above sea level. The furnace must not be derated, orifice changes should only be made if necessary for altitude.
- 3. The total heat loss from the structure as expressed in TOTAL BTU/HR must be calculated by the manufacturers method or in accordance with the "A.S.H.R.A.E. GUIDE" or "MANUAL J-LOAD CALCULATIONS" published by the AIR CONDITIONING CONTRACTORS OF AMERICA. The total heat loss calculated should be equal to or less than the heating capacity. Output based on D.O.E. test procedures, steady state efficiency times output.
- 4. Minimum Circuit Ampacity calculated as: (1.25 x Circulator Blower Amps) + I.D. Blower Amps.

<sup>\*150 =</sup> The GUID090\*\*30 furnaces were changed from primary limit part #10728331 (160°F) to limit part #10728332 (150°F) per ECN60850 effective June 6, 2000.

#### **FURNACE SPECIFICATIONS**

MODEL	GUID070DA40	GUID070DX40
Btuh Input (US)	69,000	69,000
Output (US)	55,200	55,200
A.F.U.E.	80%	80%
Rated External Static (" w.c.)	.1250	.1250
Temperature Rise (°F)	35 - 65	35 - 65
Pressure Switch Trip Point (" w.c.)	-0.55	-0.55
Blower Wheel (D" x W")	10 x 8	10 x 8
Blower Horsepower	1/2	1/2
Blower Speeds	4	4
Max CFM @ 0.5 E.S.P.	1529	1529
Power Supply	115-60-1	115-60-1
Minimum Circuit Ampacity (MCA)	9.9	9.9
Maximum Overcurrent Device	15	15
Transformer (VA)	40	40
Heat Anticipator	0.7	0.7
Primary Limit Setting (°F)	215	215
Auxiliary Limit Setting (°F)	160	160
Rollout Limit Setting (°F)	250	250
Fan Delay On	30 secs.	30 secs.
Off Heating *	90 secs.	90 secs.
Off Cooling	45 secs.	45 secs.
Gas Supply Pressure (Natural/Propane) (" w.c.)	7 / 11	7 / 11
Manifold Pressure (Natural/Propane) (" w.c.)	3.5 / 10	3.5 / 10
Orifice Size (Natural/Propane)	#43 / #55	#43 / #55
Number of Burners	3	3
Vent Connector Diameter (inches)	4	4
Shipping Weight (lbs.)	152	152

 $<sup>^{\</sup>star}$  Off Heating - This fan delay timing is adjustable (60, 90, 120 or 180 seconds), 90 seconds as shipped.

- 1. These furnaces are manufactured for natural gas operation. Optional kits are available for conversion to propane operation
- 2. For elevations above 2000 ft. the rating should be reduced by 4% for each 1000 ft. above sea level. The furnace must not be derated, orifice changes should only be made if necessary for altitude.
- 3. The total heat loss from the structure as expressed in TOTAL BTU/HR must be calculated by the manufacturers method or in accordance with the "A.S.H.R.A.E. GUIDE" or "MANUAL J-LOAD CALCULATIONS" published by the AIR CONDITIONING CONTRACTORS OF AMERICA. The total heat loss calculated should be equal to or less than the heating capacity. Output based on D.O.E. test procedures, steady state efficiency times output.
- 4. Minimum Circuit Ampacity calculated as: (1.25 x Circulator Blower Amps) + I.D. Blower Amps.

<sup>\*\*</sup> Note: The two models above use 10x8 blower assembly instead of 10x6 to achieve a full 4 tons of airflow.

#### **BLOWER PERFORMANCE SPECIFICATIONS**

GUID Blower Performance (CFM & Temperature Rise vs. External Static Pressure)															
												Martal		TONS AC	
Model Heating Speed As Shipped	MOTOR SPEED	@ 0.5"	0.1		0.2		0.3		0.4		0.5		0.6		
		ESP	CFM	Rise	CFM	Rise									
GUID045**30 (Low)	HIGH	3.0	1460		1400		1345		1280		1200		1110		
	MED	2.5	1200		1150		1100		1050		980	35	900	38	
	MED-LO	2.0	935	36	910	37	885	39	845	40	790	43	710	48	
	LOW	1.5	700	49	685	50	665	51	635	54	575	59	425		
GUID070**30 (Med-Lo)	HIGH	3.0	1555	-	1505		1440	35	1365	37	1290	39	1180	43	
	MED	3.0	1325	38	1305	39	1250	41	1200	42	1140	44	1060	48	
	MED-LO	2.5	1090	47	1080	47	1055	48	1020	50	970	52	905	56	
	LOW	2.0	760		750		750		735		700		645		
	HIGH	3.5	1695		1625		1580		1520		1450	35	1365	37	
GUID070**40	MED	3.0	1485		1450	35	1400	36	1350	38	1295	39	1235	41	
(Low)	MED-LO	3.0	1235	41	1200	42	1180	43	1140	44	1115	45	1050	48	
	LOW	2.5	1095	46	1070	47	1050	48	1025	49	975	52	950	53	
GUID090**30 (High)	HIGH	3.5	1630	42	1560	44	1550	44	1465	47	1380	49	1275	53	
	MED	3.0	1360	50	1325	51	1290	53	1215	56	1155	59	1070	64	
	MED-LO	2.0	920		920		900		890		850		800		
	LOW	1.5	770		750		740		730		690		660		
	HIGH	5.0	2250		2185		2120		2030		1975		1885		
GUID090**50	MED	4.0	1775		1750		1735		1690	40	1650	41	1600	43	
(Med-Lo)	MED-LO	3.5	1320	52	1315	52	1315	52	1315	52	1280	53	1240	55	
	LOW	3.0	1180	58	1180	58	1175	58	1170	58	1140	60	1120	61	
	HIGH	5.0	2330	36	2245	38	2165	39	2065	41	1985	43	1885	45	
GUID115**50	MED	5.0	2120	40	2070	41	2020	42	1940	44	1850	46	1775	48	
(Med)	MED-LO	4.0	1875	45	1840	46	1800	47	1735	49	1685	50	1600	53	
	LOW	3.0	1290		1275		1250		1235		1210		1170		

- 1. CFM in chart is without filters(s). Filters do not ship with this furnace, but must be provided by the installer. If the furnace requires two return filters, this chart assumes both filters are installed.
- 2. All furnaces ship as high speed cooling. Installer must adjust blower cooling speed as needed.
- 3. For most jobs, about 400 CFM per ton when cooling is desirable.
- 4. INSTALLATION IS TO BE ADJUSTED TO OBTAIN TEMPERATURE RISE WITHIN THE RANGE SPECIFIED ON THE RATING PLATE.
- 5. The chart is for information only. For satisfactory operation, external static pressure must not exceed value shown on rating plate. The shaded area indicates ranges in excess of maximum external static pressure allowed when heating.
- 6 The dashed (---) areas indicate a temperature rise not recommended for this model.
- 7. The above chart is for U.S. furnaces installed at 0-2000 feet. At higher altitudes, a properly derated unit will have approximately the same temperature rise at a particular CFM, while the ESP at that CFM will be lower.

#### **BLOWER PERFORMANCE SPECIFICATIONS**

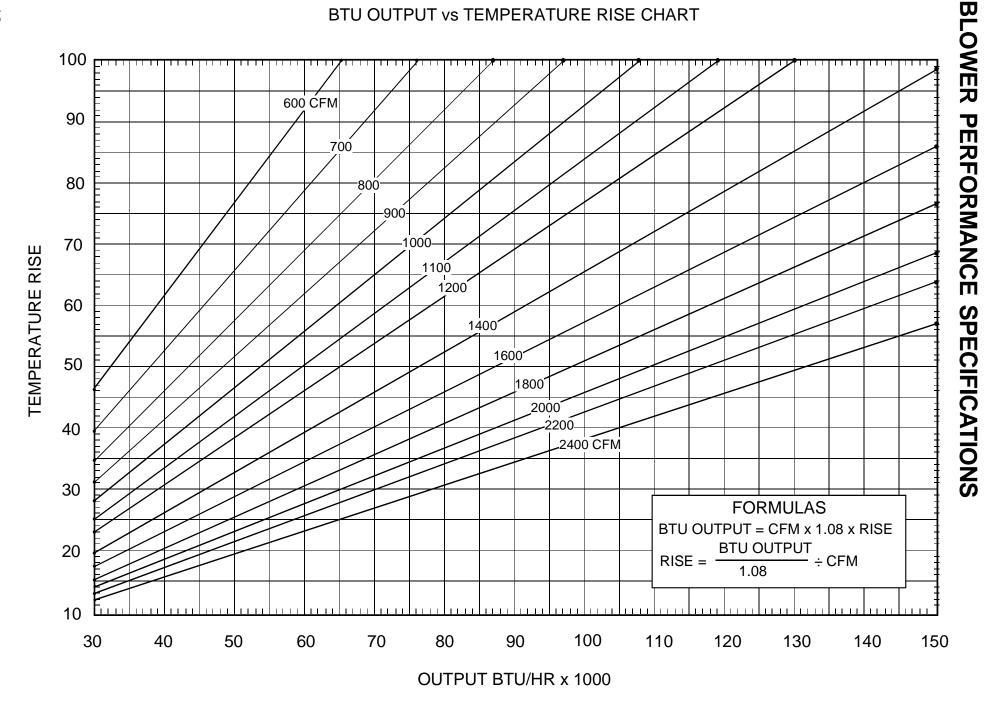
GUID070**40 Blower Performance (CFM & Temperature Rise vs. External Static Pressure)													
Model Heating Speed As Shipped		TONS AC	External Static Pressure, Inches Water Column										
	MOTOR SPEED	@ 0.5"	0	.1	0.2		0.3		0.4		0.5		0.6
		ESP	CFM	Rise	CFM	Rise	CFM	Rise	CFM	Rise	CFM	Rise	CFM
	HIGH	4.0	1799		1742		1694		1622		1529		1444
GUID070**40	MED	3.5	1720		1590		1542		1483		1404	36	1330
(Med-Lo)	MED-LO	2.5	1113	46	1096	47	1078	47	1067	48	1018	50	967
	LOW	2	967	53	954	54	941	54	913	56	885	58	826

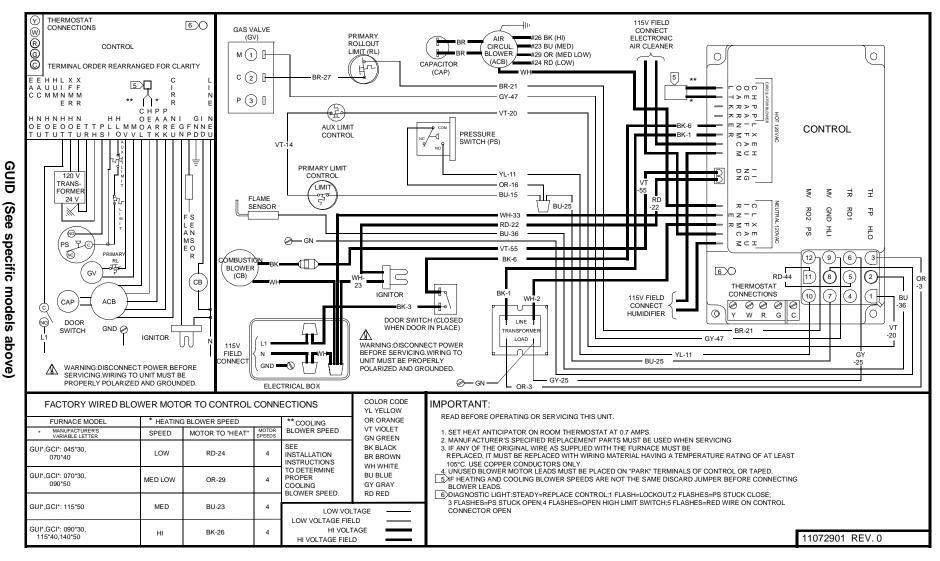
Note: The models listed in the above airflow table use 10x8 blower assembly instead of 10x6 to achieve a full 4 tons of airflow. Listed below are the model numbers along with the manufacturing numbers of the two units using the 10x8 blower assembly.

GUID070DA40 P1226909F GUID070DX40 P1227009F

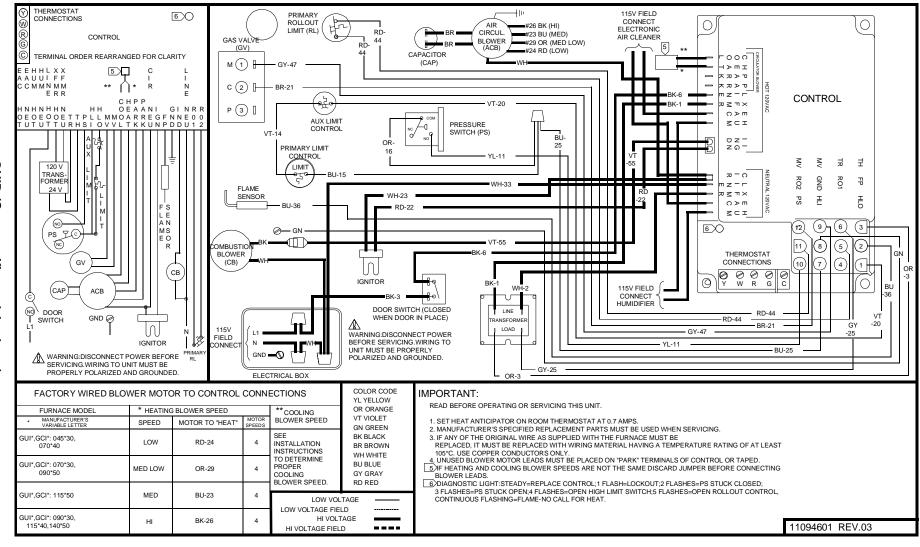
- 1. CFM in chart is without filters(s). Filters do not ship with this furnace, but must be provided by the installer. If the furnace requires two return filters, this chart assumes both filters are installed.
- 2. All furnaces ship as high speed cooling. Installer must adjust blower cooling speed as needed.
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- 6 The dashed (---) areas indicate a temperature rise not recommended for this model.
- 7. The above chart is for U.S. furnaces installed at 0-2000 feet. At higher altitudes, a properly derated unit will have approximately the same temperature rise at a particular CFM, while the ESP at that CFM will be lower.

#### BTU OUTPUT vs TEMPERATURE RISE CHART











20242401 REV.0



115\*40,140\*50

HI VOLTAGE FIELD

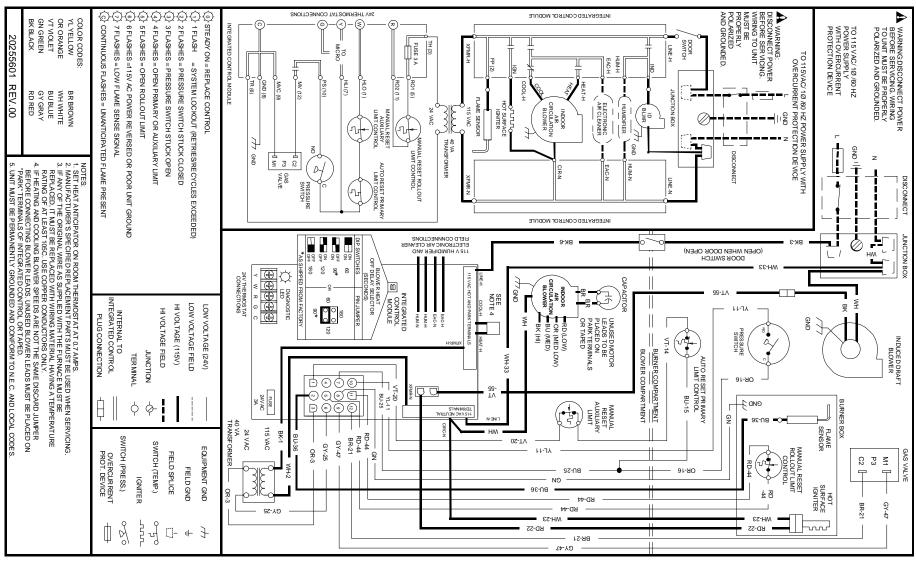
GUID

(See

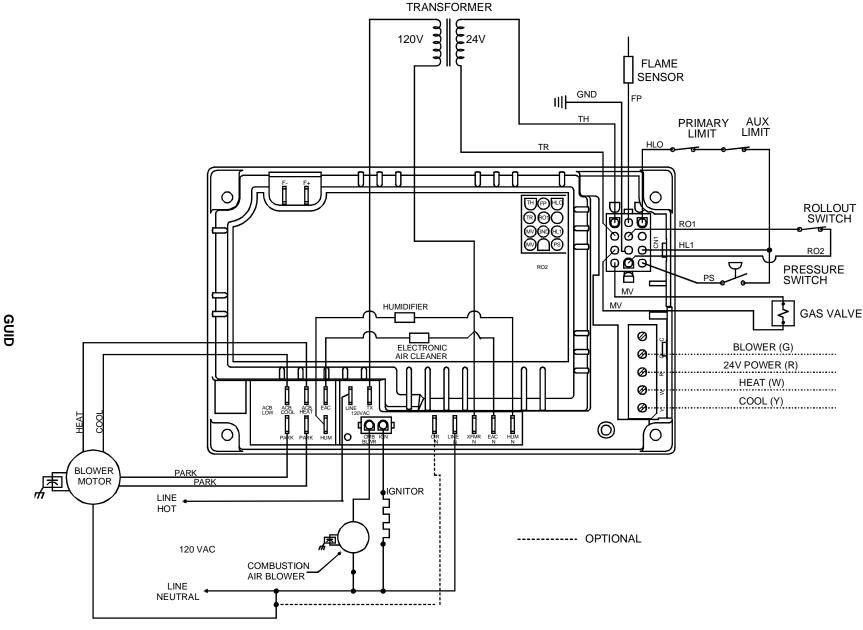
specific models above)

GUID (Models using WR50A55 Ignition Control)

# WIRING DIAGRAMS







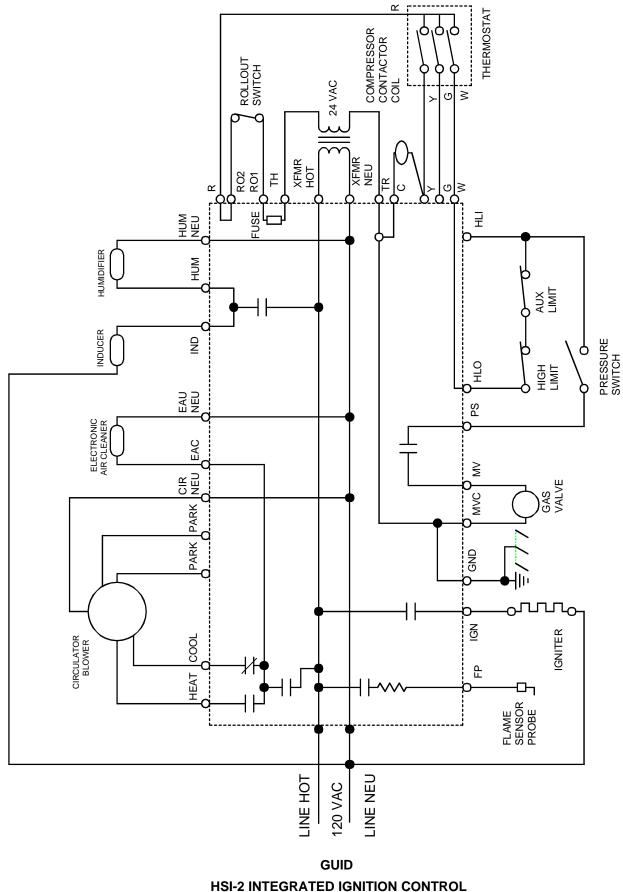
17 Rev. 1 **WARNING** 

This schematic is for reference only. Not all wiring is as shown above, refer

**HSI 1-1A INTEGRATED IGNITION CONTROL** 

to the appropriate wiring diagram for the unit being serviced

#### **SCHEMATICS**

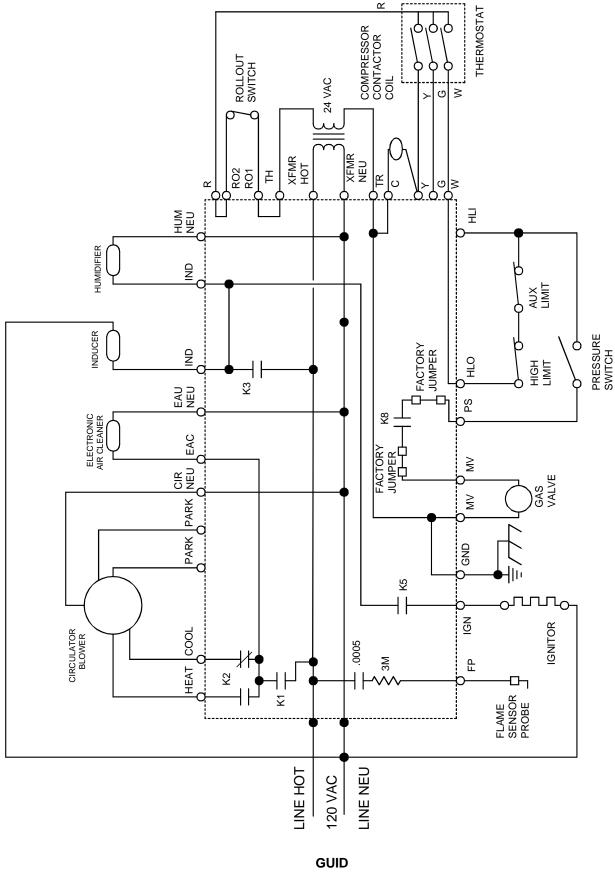


This schematic is for reference only. Not all wiring is as shown above, refer to the appropriate wiring diagram for the unit being serviced.

TO AVOID POSSIBLE ELECTRICAL SHOCK, PERSONAL INJURY, OR DEATH, DISCONNECT THE POWER BEFORE SERVICING.

**WARNING** 

#### **SCHEMATICS**



#### WR50A55 INTEGRATED IGNITION CONTROL

This schematic is for reference only. Not all wiring is as shown above, refer to the appropriate wiring diagram for the unit being serviced.