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# CONDENSING GAS FURNACES

# Service Manual

PART  
2

NUGK  
NULK  
NUGS

NULS  
NDGK  
NDLK

This manual supports condensing gas furnaces manufactured after 1988.

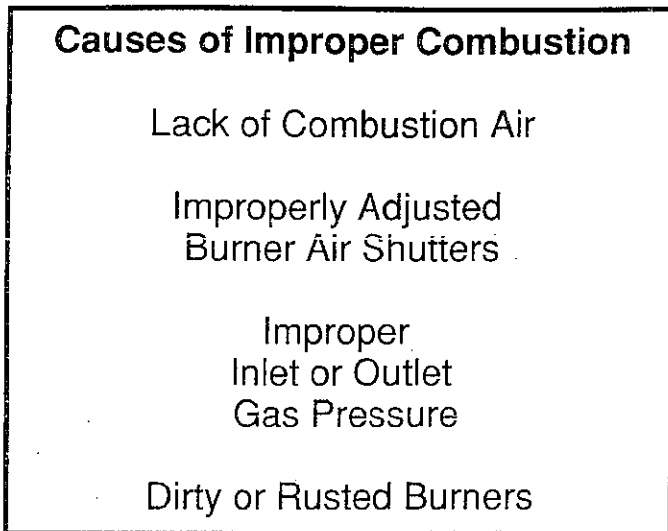
Manufactured by:

**Inter-City Products**

Corporation  
Laverne, TN USA 37086  
Brantford, ONT. CANADA N3T 5P4

Part No.  
2146635

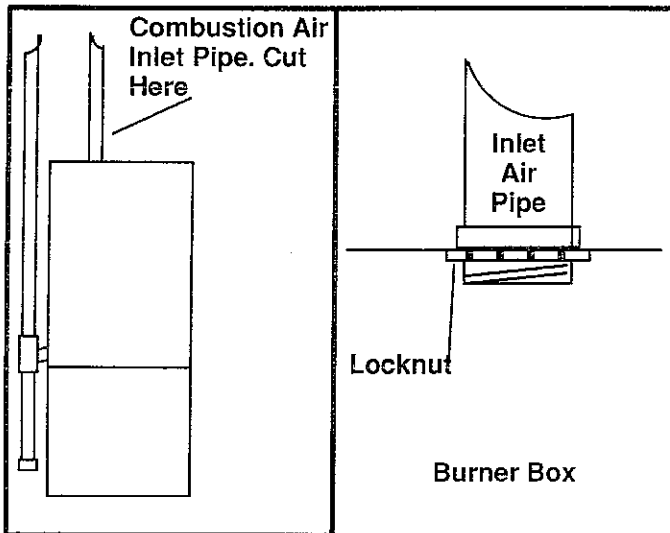
Figure 92.



**Primary Heat Exchanger  
Removal/Replacement (Current Production)  
–Upflow Models**

The interior of the primary heat exchanger will require cleaning as the result of sooting caused by improper combustion. After cleaning the heat exchanger, the cause of improper combustion should be corrected before returning the furnace to operation. If the primary heat exchanger requires cleaning the secondary heat exchanger should also be checked and replaced if found to be sooted.

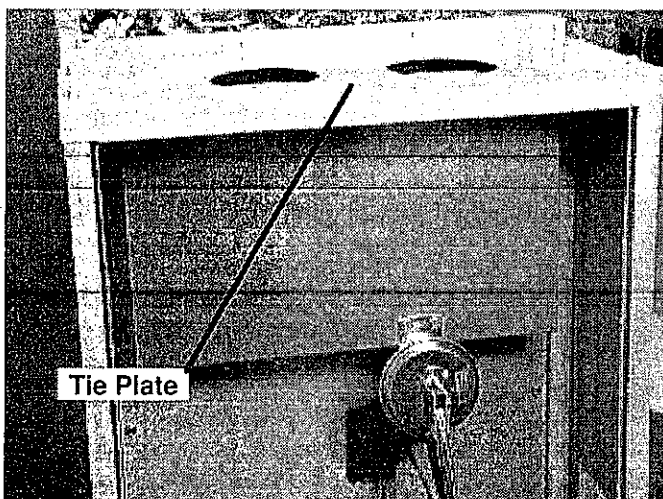
Figure 93.



**Direct Vent Models Only**

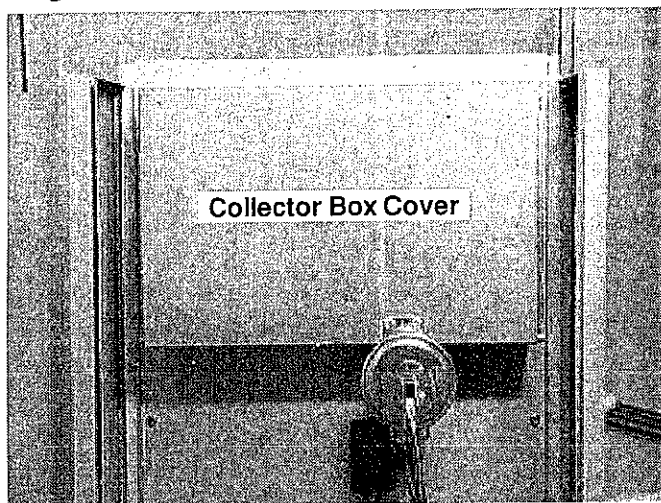
Support the inlet air line. Cut the inlet air pipe outside the furnace cabinet. Remove the remaining inlet air section inside the furnace cabinet by removing the locknut inside the top of the burner box.

Figure 94.



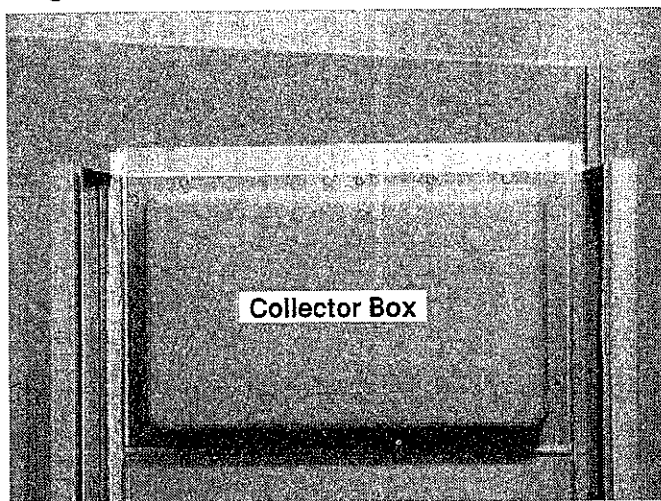
Remove the tie panel at the top front of the furnace.

Figure 95.



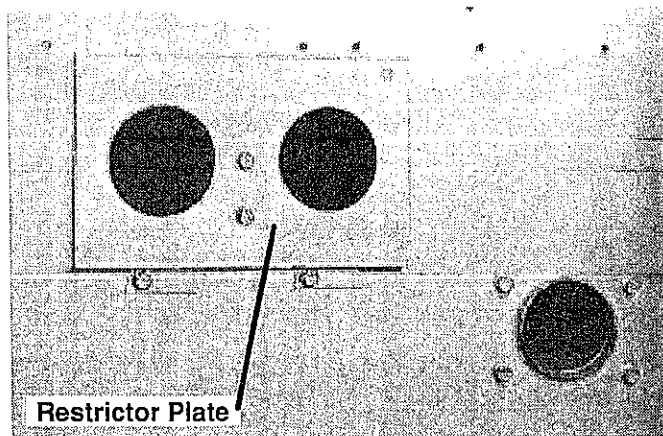
Disconnect wires and tubing from the pressure switch. Remove the collector box cover.

Figure 96.



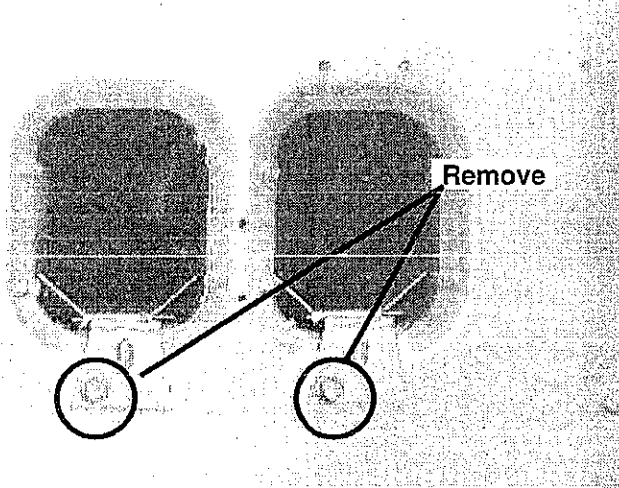
Remove the collector box from the flue outlet at the top of heat exchanger. Exercise care when removing collector box so as not to damage gasket. Should gasket be damaged in any way, a new gasket must be used when re-installing the collector box.

Figure 97.



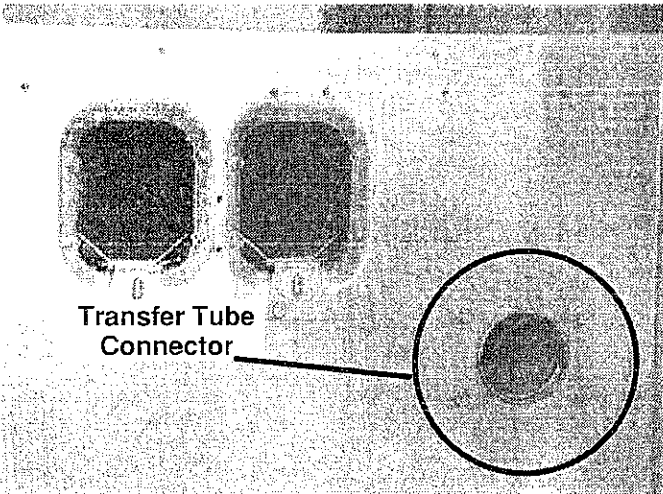
Remove flue restrictor plate.

Figure 98.



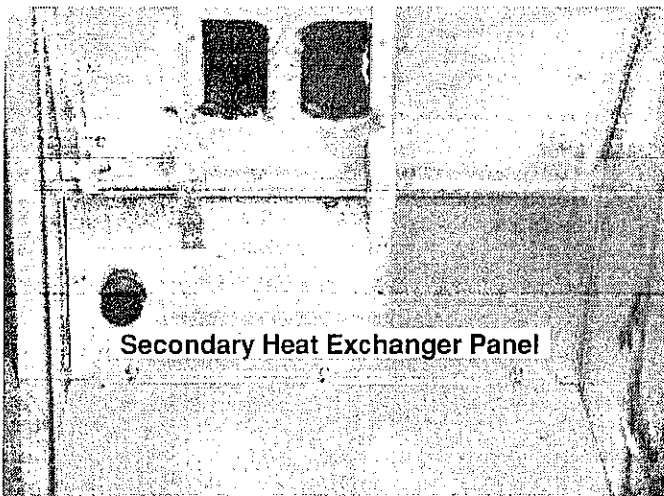
Remove the screws securing the flue baffles to the heat exchanger and remove the flue baffles.

Figure 99.



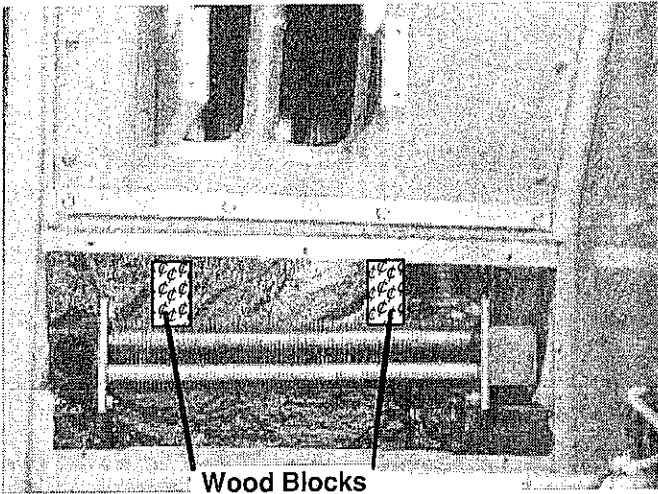
Remove the four screws securing the transfer tube connector to the heat exchanger front panel.

Figure 100.



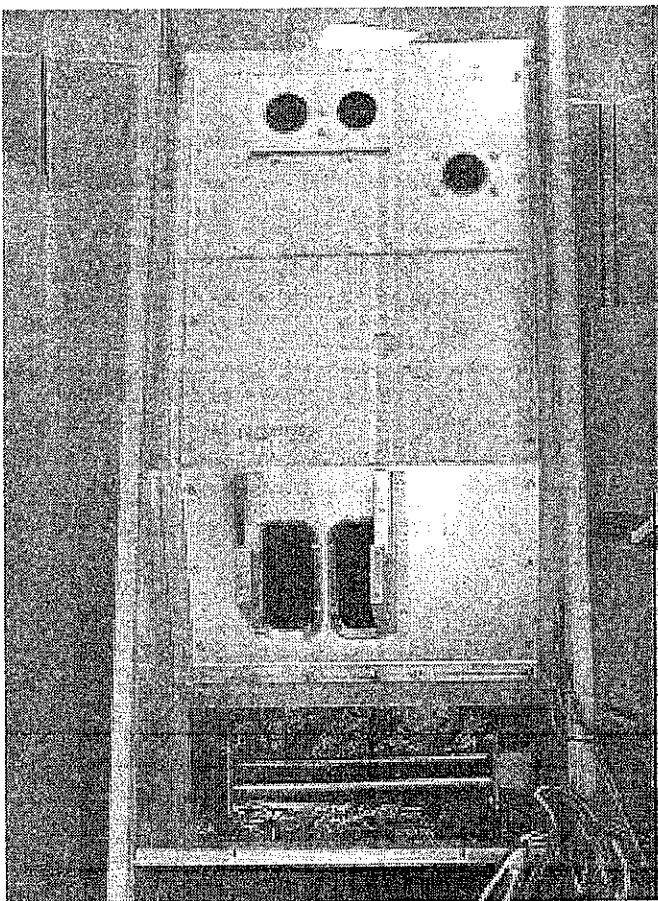
Remove the secondary heat exchanger panel.

Figure 101.



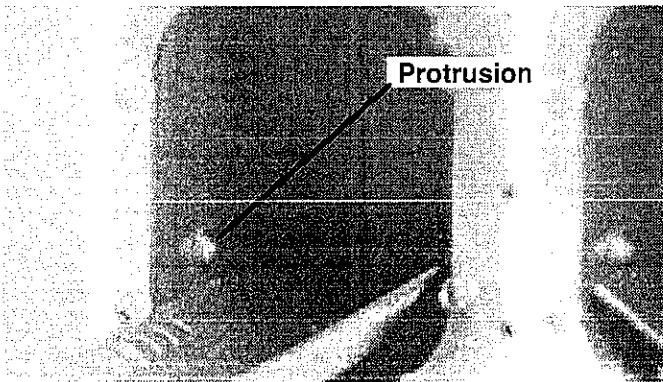
Place two wooden blocks between the bottom of the primary heat exchanger and secondary heat exchanger to prevent the primary heat exchanger from dropping down and damaging the secondary heat exchanger.

Figure 102.



Remove the screws around the outer edge of the heat exchanger front panel and pull the heat exchanger out of the furnace cabinet.

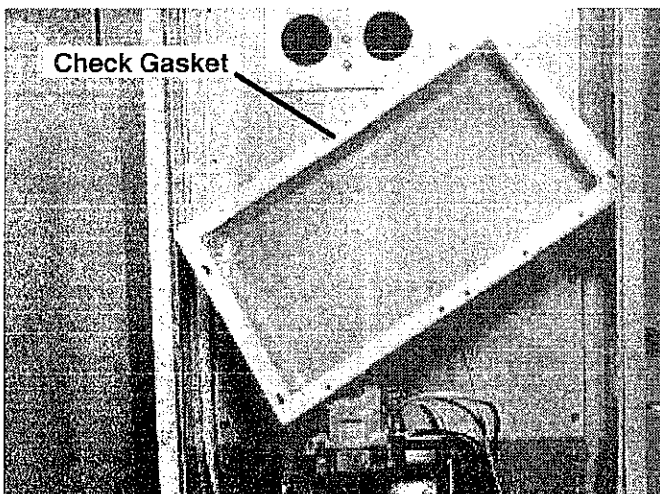
Figure 103.



Install flue baffles in the new heat exchanger. Be sure that the top edge of the flue baffle is under the protrusions on either side of flue opening.

**Tip:** When installing flue baffle. Insert baffle into flue opening about 1". Get one edge of baffle under one of the protrusion on one side. Rotate baffle until the other edge snaps into place under the protrusion on the other side. Slide the baffle into place and secure with a screw.

Figure 104.



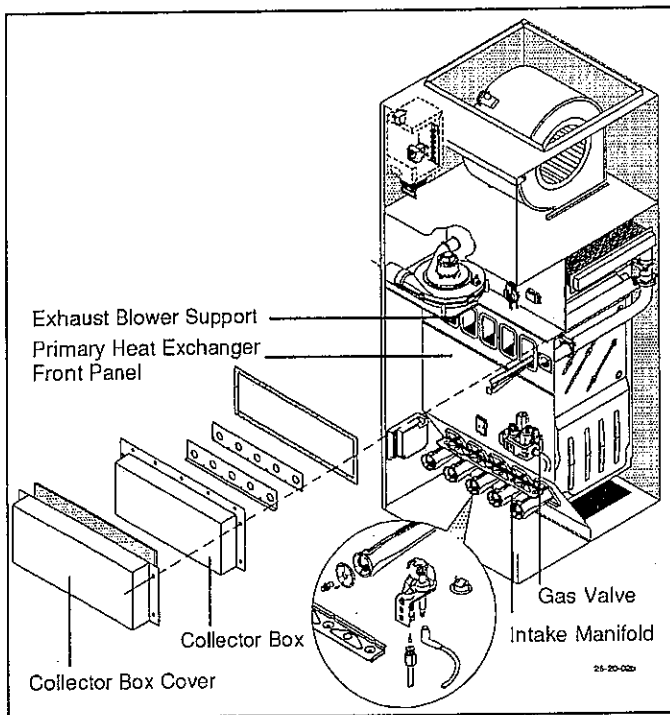
Install the new heat exchanger in reverse order. Inspect **ALL GASKETS** and replace if they are damaged or damage is suspected.

## WARNING

Failure to assure the integrity of the gaskets in this area can result in carbon monoxide fumes in structure, resulting in death or other serious injury.

Complete re-assembly in reverse order. Check all gas piping for leaks. If any leaks are found repair before attempting to restart furnace. Run furnace through three or four cycles. If operation checks out all right, return furnace to service.

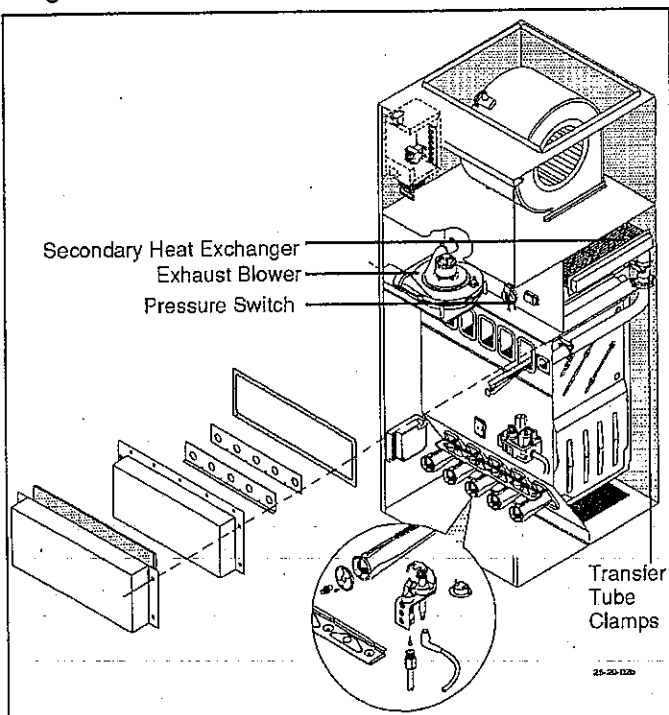
Figure 105.



### Primary Heat Exchanger Removal/Replacement – Counterflow Models

1. Remove the exhaust blower support.
2. Remove the collector box cover and collector box.
3. Remove the screws to the transfer tube adapter.
4. Remove the control module.
5. Remove the gas valve, intake manifold, and any piping that will prevent primary heat exchangers from being removed.
6. Remove the burners and crosslighter from the burner ports.
7. Remove the burner shield and manifold support.
8. Remove all screws from the heat exchangers front panel. **DO NOT REMOVE THE SCREWS FROM THE BURNER OR FLUE PORTS.**
9. Remove the heat exchanger assembly.
10. Clean and inspect the heat exchanger using the procedures outlined for the Upflow Models.
11. Replace all parts and assemblies in reverse order as removed.

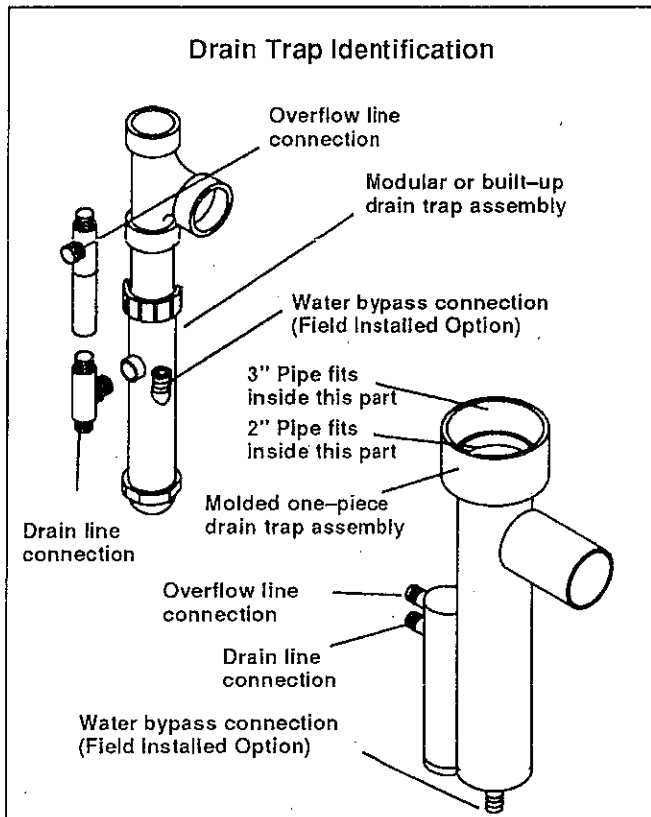
Figure 106.



### Secondary Heat Exchanger Removal/Replacement – Counterflow Models

1. Remove the exhaust blower.
2. Remove the pressure switch.
3. Remove the secondary heat exchanger panel.
4. Use a thin wall, deep well socket to remove the transfer tube clamps around the 'O' ring.
5. Remove the secondary heat exchanger by pulling the heat exchanger from the unit.
6. Clean and inspect the heat exchanger using the procedures outlined for the Upflow Models.
7. Replace all parts and assemblies in reverse order as removed.

Figure 107.



## Drain Trap Assembly

1. Install the drain trap assembly to provide the necessary 5 inches water column against vent pressure. Ensure all parts fit properly and are correctly oriented before cementing.
2. Install the drain trap assembly within 4 feet horizontally and 5 feet vertically (lower only) of the furnace blower housing.
3. The drain trap **MUST** be reasonably accessible for the homeowner to check.

**NOTE:** The 2" vent pipe fits into the inside portion of the new molded one-piece drain trap. If a 3" vent pipe is used it fits into the outer portion of the trap, Figure 107.



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MODEL	PAGE	MODEL	PAGE
.....40			
NDGK040KF03 .....	52	NDLK050DF06 .....	52
NDGK040KF04 .....	52	NUGK050MF03 .....	57
NDGK040KF05 .....	52	NUGK050MF04 .....	55
NDGK040KF06 .....	52	NUGK050MF05 .....	55
NUGK040KF03 .....	57	NUGK050MF06 .....	54
NUGK040KF04 .....	55	NUGK050MF07 .....	53
NUGK040KF05 .....	55	NUGK050NF03 .....	57
NUGK040KF06 .....	54	NUGK050NF04 .....	55
NUGK040KF07 .....	53	NUGK050NF05 .....	55
.....50		NUGK050NF06 .....	54
NDGK050DF03 .....	52	NUGK050NF07 .....	53
NDGK050DF04 .....	52	NUGS050AF01 .....	60
NDGK050DF05 .....	52	NUGS050AF02 .....	59
NDGK050DF06 .....	52	NUGS050AF03 .....	58
NDGK050KF03 .....	52	NULK050MF03 .....	55
NDGK050KF04 .....	52	NULK050MF04 .....	55
NDGK050KF05 .....	52	NULK050MF05 .....	54
NDGK050KF06 .....	52	NULK050MF06 .....	53
NDLK050DF03 .....	52	NULS050AF01 .....	60
NDLK050DF04 .....	52	NULS050AF02 .....	59
NDLK050DF05 .....	52	NULS050AF03 .....	58

MODEL	PAGE	MODEL	PAGE
	.....75		
NDGK075DF03 .....	52	NUGK075DG07 .....	54
NDGK075DF04 .....	52	NUGK075DG08 .....	53
NDGK075DF05 .....	52	NUGK075KG03 .....	57
NDGK075DF06 .....	52	NUGK075KG04 .....	55
NDGK075DF07 .....	52	NUGK075KG05 .....	55
NDGK075KF03 .....	52	NUGK075KG06 .....	54
NDGK075KF04 .....	52	NUGK075KG07 .....	53
NDGK075KF05 .....	52	NUGS075AG01 .....	61
NDGK075KF06 .....	52	NUGS075BG01 .....	60
NDGK075KF07 .....	52	NUGS075BG02 .....	59
NDLK075DF03 .....	52	NUGS075BG03 .....	58
NDLK075DF04 .....	52	NULK075DG03 .....	55
NDLK075DF05 .....	52	NULK075DG04 .....	55
NDLK075DF06 .....	52	NULK075DG05 .....	54
NDLK075DF07 .....	52	NULK075DG06 .....	53
NUGK075DG03 .....	57	NULS075AG01 .....	61
NUGK075DG04 .....	57	NULS075BG01 .....	60
NUGK075DG05 .....	55	NULS075BG02 .....	59
NUGK075DG06 .....	55	NULS075BG03 .....	58

MODEL	PAGE	MODEL	PAGE
.....100			
NDGK100DG03 .....	52	NUGK100KH03 .....	57
NDGK100DG04 .....	52	NUGK100KH04 .....	57
NDGK100DG05 .....	52	NUGK100KH05 .....	57
NDGK100DG07 .....	52	NUGK100KH06 .....	55
NDGK100KG03 .....	52	NUGK100KH07 .....	55
NDGK100KG04 .....	52	NUGK100KH08 .....	56
NDGK100KG05 .....	52	NUGK100KH09 .....	54
NDGK100KG06 .....	52	NUGK100KH11 .....	53
NDLK100DG03 .....	52	NUGS100AH01 .....	61
NDLK100DG04 .....	52	NUGS100BH01 .....	60
NDLK100DG05 .....	52	NUGS100BH02 .....	59
NDLK100DG07 .....	52	NUGS100BH03 .....	58
NUGK100DH03 .....	57	NULK100DH03 .....	55
NUGK100DH04 .....	57	NULK100DH04 .....	57
NUGK100DH05 .....	57	NULK100DH05 .....	55
NUGK100DH06 .....	55	NULK100DH06 .....	54
NUGK100DH07 .....	55	NULK100DH07 .....	53
NUGK100DH08 .....	56	NULS100AH01 .....	61
NUGK100DH09 .....	54	NULS100BH01 .....	60
NUGK100DH11 .....	53	NULS100BH02 .....	59
		NULS100BH03 .....	58

MODEL	PAGE	MODEL	PAGE
.....125			
NDGK125DK03 .....	52	NUGK125KK04 .....	55
NDGK125DK04 .....	52	NUGK125KK05 .....	55
NDGK125DK05 .....	52	NUGK125KK06 .....	56
NDGK125KK03 .....	52	NUGK125KK07 .....	54
NDGK125KK04 .....	52	NUGK125KK08 .....	53
NDGK125KK05 .....	52	NUGS125AK01 .....	60
NDLK125DK03 .....	52	NUGS125AK02 .....	59
NDLK125DK04 .....	52	NUGS125AK03 .....	58
NDLK125DK05 .....	52	NULK125DK03 .....	55
NUGK125DK03 .....	57	NULK125DK04 .....	55
NUGK125DK04 .....	55	NULK125DK05 .....	56
NUGK125DK05 .....	55	NULK125DK06 .....	54
NUGK125DK06 .....	56	NULK125DK07 .....	53
NUGK125DK07 .....	54	NULS125AK01 .....	60
NUGK125DK08 .....	53	NULS125AK02 .....	59
NUGK125KK03 .....	57	NULS125AK03 .....	58

## Specifications: Counterflow Natural Gas Models

MODEL/SERIES	NDGK040		NDGK050		NDGK075		NDGK100		NDGK125	
Input Rating (BTUH)	STD	ALT	STD	ALT	STD	ALT	STD	ALT	STD	ALT
Output (BTUH)	50,000	40,000	50,000	40,000	75,000	60,000	100,000	80,000	125,000	100,000
Max. Ext. Static Press	.5		.5		.5		.5		.5	
Temperature Rise	20° - 50° F		20° - 50° F		40° - 70° F		50° - 80° F		35° - 65° F	
Volts/AMP	115/8.0		115/8.0		115/8.0		115/10.8		115/11.1	
Transformer Size (VA)	40		40		40		40		40	
Anticipator Setting	.15		.15		.15		.15		.15	
Limit Setting, MAX.	130		130		*200		**200		170	
Fan Switch Setting OFF	90		90		90		90		90	
*** Gas Valve MFG/Type	WR36E		WR36E		WR36E		WR36E		WR36E	
Regulation Type	SNAP		SNAP		SNAP		SNAP		SNAP	
Manifold Pressure	3.5		3.5		3.5		3.5		3.5	
Orifice Sizes (Req'd)	#42(2) #45		#42(2) #45		#42(3) #44		#42(4) #44		#42(5) #44	
**** Ignition Type (Hot Surface)	HSI/50F47		HSI/50F47		HSI/50F47		HSI/50F47		HSI/50F47	
Lock-Out	After 3 tries		After 3 tries		After 3 tries		After 3 tries		After 3 tries	
Filter Sq. In. HT/Cool	246/346		246/346		246/346		288/461		432/576	
Auxiliary Limit	120°F		120°F		130°F		130°F		150°F	
Std. Pressure Switch (Open)	-4.0 in.		-4.0 in.		-2.8 in.		-2.2 in.		-1.8 in.	
Hi Alt. Press. Sw. (Open)	-3.82 in.		-3.82 in.		-2.8 in.		-1.95 in.		-1.65 in.	

\* NDGK075DF05 and NDGK075KF05 = 250  
 NDGK075DF06, NDGK075KF06, NDGK075DF07, NDGK075KF07 = 170

\*\* NDGK100DG05 and NDGK100KG05 = 250

\*\*\* Some models have a MH/VR8440P with STEP type regulation and a manifold pressure of 1.2/3.5.

\*\*\*\* Some models have spark to pilot ignitions, Model S86F or S8600M, with a spark gap of 1/8 in.

## Specifications: Counterflow LP Gas Models

MODEL/SERIES	NDLK050		NDLK075		NDLK100		NDLK125	
Input Rating (BTUH)	STD	ALT	STD	ALT	STD	ALT	STD	ALT
Output (BTUH)	50,000	40,000	75,000	60,000	100,000	80,000	125,000	100,000
Max. Ext. Static Press	.5		.5		.5		.5	
Temperature Rise	20° - 50° F		40° - 70° F		50° - 80° F		35° - 65° F	
Volts/AMP	115/8.0		115/8.0		115/10.8		115/11.1	
Transformer Size (VA)	40		40		40		40	
Anticipator Setting	.15		.15		.15		.15	
Limit Setting, MAX.	130		*200		**200		170	
Fan Switch Setting OFF	90		90		90		90	
*** Gas Valve MFG/Type	WR36E36		WR36E36		WR36E36		WR36E36	
Regulation Type	SNAP		SNAP		SNAP		SNAP	
Manifold Pressure	10		10		10		10	
Orifice Sizes (Req'd)	#54(2) #55		#54(3) #55		#54(4) #55		#54(5) #55	
**** Ignition Type (Hot Surface)	HSI/50F47		HSI/50F47		HSI/50F47		HSI/50F47	
Lock-Out	After 3 tries		After 3 tries		After 3 tries		After 3 tries	
Filter Sq. In. HT/Cool	246/346		246/346		288/461		432/576	
Auxiliary Limit	120°F		130°F		130°F		150°F	
Std. Pressure Switch (Open)	-4.0 in.		-3.2 in.		-2.2 in.		-1.8 in.	
Hi Alt. Press. Sw. (Open)	-3.82 in.		-2.8 in.		-1.95 in.		-1.65 in.	

\* NDLK075DF05 and NDLK075KF05 = 250.  
 NDLK075DF06, NDLK075KF06, NDLK075DF07, NDLK075KF07 = 170.

\*\* NDLK100DG05 and NDLK100KG05 = 250.

\*\*\* Some models have WR36E38 with STEP type regulation and a manifold pressure of 2.5/10.

\*\*\*\* Some models have a HSI/50E47 or spark to pilot Model S8600M with a spark gap of 1/8 inch.

1007516

Specifications: Upflow Natural Gas Models (NUGK)

MODEL/SERIES	NUGK040KF07		NUGK050MF07 NUGK050NF07		NUGK075DG08 NUGK075KG08		NUGK100DH11 NUGK100KH11		NUGK125DK08 NUGK125KK08	
	STD	ALT	STD	ALT	STD	ALT	STD	ALT	STD	ALT
Input Rating (BTUH)	40,000	50,000	50,000	40,000	75,000	60,000	100,000	80,000	125,000	100,000
Output (BTUH)	38,000	48,500	48,000	38,000	70,000	-	92,000	-	113,000	-
Temperature Rise	15° - 45° F		15° - 45° F		35° - 65° F		40° - 70° F		35° - 65° F	
Flue Size	2 in		2 in		2 in		2 in		2 in	
Elec. Volts/PH./F.L.A.	115/1/8.0		115/1/8.0		115/1/10.8		115/1/10.8		115/1/11.8	
Transformer Size (VA)	40		40		40		40		40	
Orifice Sizes (Req'd)	#45(2) #42		#42(2) #45		#42(3) #44		#42(4) #44		#42(5) #44	
Limit Setting	200		200		250		170		170	
Fan Setting Delay ON	15-90		15-90		15-90		15-90		15-90	
Fan Setting Delay OFF	30-120		30-120		30-120		30-120		30-120	
Exhaust Limit (Man. Thermal Sensor Reset)	120°F 300°F		120°F 300°F		130°F 300°F		130°F 300°F		150°F 300°F	
Gas Valve MFG/Type	WR36E		WR36E		WR36E		WR36E		WR36E	
Manifold Pressure	3.5		3.5		3.5		3.5		3.5	
Regulation Type	SNAP		SNAP		SNAP		SNAP		SNAP	
Ignition Type/Model	I.I.D./S8600M		I.I.D./S8600M		I.I.D./S8600M		I.I.D./S8600M		I.I.D./S8600M	
Pilot Orifice Size	.020		.020		.020		.020		.020	
Spark Gap	1/8 in.		1/8 in.		1/8 in.		1/8 in.		1/8 in.	
Anticipator Setting	.55		.55		.55		.55		.55	
Cap. Rating MFD/Volts	5/370		5/370		5/370		5/370		5/370	
Combustion Air Blower	5/370		5/370		5/370		5/370		5/370	
Furnace Blower Rated Ext. Static Press	.10-.50		.10-.50		.12-.50		.15-.50		.20-.50	

Specifications: Upflow LP Gas Models (NULK)

MODEL/SERIES	NULK050MF06		NULK075DG06		NULK100DH07		NULK125DK07	
	STD	ALT	STD	ALT	STD	ALT	STD	ALT
Input Rating (BTUH)	50,000	40,000	75,000	60,000	100,000	80,000	125,000	100,000
Output (BTUH)	48,000	38,000	70,000	-	92,000	-	113,000	-
Temperature Rise	15° - 45° F		35° - 65° F		40° - 70° F		35° - 65° F	
Flue Size	2 in		2 in		2 in		2 in	
Elec. Volts/PH./F.L.A.	115/1/8.0		115/1/10.8		115/1/10.8		115/1/11.1	
Transformer Size (VA)	40		40		40		40	
Orifice Sizes (Req'd)	#54(2) #55		#54(3) #55		#54(4) #55		#54(5) #55	
Limit Setting	200		250		170		170	
Fan Setting Delay ON	15-90		15-90		15-90		15-90	
Fan Setting Delay OFF	30-120		30-120		30-120		30-120	
Exhaust Limit (Man. Thermal Sensor Reset)	120°F 300°F		130°F 300°F		130°F 300°F		150°F 300°F	
Gas Valve MFG/Type	WR36E		WR36E		WR36E		WR36E	
Manifold Pressure	2.5/10		2.5/10		2.5/10		2.5/10	
Regulation Type	STEP		STEP		STEP		STEP	
Ignition Type/Model	I.I.D./S8600M		I.I.D./S8600M		I.I.D./S8600M		I.I.D./S8600M	
Pilot Orifice Size	.012		.012		.012		.012	
Spark Gap	1/8 in.		1/8 in.		1/8 in.		1/8 in.	
Anticipator Setting	.55		.55		.55		.55	
Cap. Rating MFD/Volts	5/370		5/370		5/370		5/370	
Combustion Air Blower	5/370		5/370		5/370		5/370	
Furnace Blower Rated Ext. Static Press	.10-.50		.12-.50		.15-.50		.20-.50	

1007200

## Specifications: Upflow Natural Gas Models (NUGK)

MODEL/SERIES	NUGK040KF06		NUGK050MF06 NUGK050NF06		NUGK075DG07 NUGK075KG07		NUGK100DH09 NUGK100KH09		NUGK125DK07 NUGK125KK07	
Input Rating (BTUH) Output (BTUH)	STD 40,000	ALT 50,000	STD 50,000	ALT 40,000	STD 75,000	ALT 60,000	STD 100,000	ALT 80,000	STD 125,000	ALT 100,000
Temperature Rise	15° – 45° F		15° – 45° F		35° – 65° F		40° – 70° F		35° – 65° F	
Flue Size	2 in		2 in		2 in		2 in		2 in	
Elec.Volts/PH./F.L.A. Transformer Size (VA)	115/1/8.0 40		115/1/8.0 40		115/1/10.8 40		115/1/10.8 40		115/1/11.8 40	
Orifice Sizes (Req'd)	#45(2) #42		#42(2) #45		#42(3) #44		#42(4) #44		#42(5) #44	
Limit Setting	200		200		250		170		170	
Fan Setting Delay ON	15–90		15–90		15–90		15–90		15–90	
Fan Setting Delay OFF	30–120		30–120		30–120		30–120		30–120	
Exhaust Limit (Man. Thermal Sensor Reset)	120°F 300°F		120°F 300°F		130°F 300°F		130°F 300°F		150°F 300°F	
Gas Valve MFG/Type	MH/VR8204A		MH/VR8204A		MH/VR8204A		MH/VR8204A		MH/VR8204A	
Manifold Pressure	3.5		3.5		3.5		3.5		3.5	
Regulation Type	SNAP		SNAP		SNAP		SNAP		SNAP	
Ignition Type/Model Pilot Orifice Size	I.I.D./S8600M .018		I.I.D./S8600M .018		I.I.D./S8600M .018		I.I.D./S8600M .018		I.I.D./S8600M .018	
Spark Gap	1/8 in.		1/8 in.		1/8 in.		1/8 in.		1/8 in.	
Anticipator Setting	.75		.75		.75		.75		.75	
Cap. Rating MFD/Volts Combustion Air Blower	5/370		5/370		5/370		5/370		5/370	
Furnace Blower Rated Ext. Static Press	.10–.50		.10–.50		.12–.50		.15–.50		.20–.50	

## Specifications: Upflow LP Gas Models (NULK)

MODEL/SERIES	NULK050MF05		NULK075DG05		NULK100DH06		NULK125DK06	
Input Rating (BTUH) Output (BTUH)	STD 50,000	ALT 40,000	STD 75,000	ALT 60,000	STD 100,000	ALT 80,000	STD 125,000	ALT 100,000
Temperature Rise	15° – 45° F		35° – 65° F		40° – 70° F		35° – 65° F	
Flue Size	2 in		2 in		2 in		2 in	
Elec.Volts/PH./F.L.A. Transformer Size (VA)	115/1/8.0 40		115/1/10.8 40		115/1/10.8 40		115/1/11.1 40	
Orifice Sizes (Req'd)	#54(2) #55		#54(3) #55		#54(4) #55		#54(5) #55	
Limit Setting	200		250		170		170	
Fan Setting Delay ON	15–90		15–90		15–90		15–90	
Fan Setting Delay OFF	30–120		30–120		30–120		30–120	
Exhaust Limit (Man. Thermal Sensor Reset)	120°F 300°F		130°F 300°F		130°F 300°F		150°F 300°F	
Gas Valve MFG/Type	WR36E		WR36E		WR36E		WR36E	
Manifold Pressure	10		10		10		10	
Regulation Type	SNAP		SNAP		SNAP		SNAP	
Ignition Type/Model Lock-Out Timing	HSI/50F47 After 3 Tries		HSI/50F47 After 3 Tries		HSI/50F47 After 3 Tries		HSI/50F47 After 3 Tries	
Anticipator Setting	.55		.55		.55		.55	
Cap. Rating MFD/Volts Combustion Air Blower	5/370		5/370		5/370		5/370	
Furnace Blower Rated Ext. Static Press	.10–.50		.12–.50		.15–.50		.20–.50	



Specifications: Upflow Natural Gas Models (NUGK)

1005218

MODEL/SERIES	NUGK040KF04 NUGK040KF05	NUGK050MF04 NUGK050MF05 NUGK050NF04 NUGK050NF05	NUGK075DG05 NUGK075DG06 NUGK075KG04 NUGK075KG05	NUGK100DH06 NUGK100DH07 NUGK100KH06 NUGK100KH07	NUGK125DK04 NUGK125DK05 NUGK125KK04 NUGK125KK05
Input Rating (BTUH) Output (BTUH)	STD ALT 40,000 50,000 38,000 48,500	STD ALT 50,000 40,000 48,000 38,000	STD ALT 75,000 60,000 70,000 -	STD ALT 100,000 80,000 92,000 -	STD ALT 125,000 100,000 113,000 -
Temperature Rise	15° - 45° F	15° - 45° F	35° - 65° F	40° - 70° F	35° - 65° F
Flue Size	2 in	2 in	2 in	2 in	2 in
Elec.Volts/PH./F.L.A. Transformer Size (VA)	115/1/8.0 40	115/1/8.0 40	115/1/10.8 40	115/1/10.8 40	115/1/11.8 40
Orifice Sizes (Req'd)	#45(2) #42	#42(2) #45	#42(3) #44	#42(4) #44	#42(5) #44
Limit Setting	170	170	170	170	170
Fan Switch Setting OFF	90	90	90	90	90
Exhaust Limit Thermal Sensor	120°F 300°F	120°F 300°F	130°F 300°F	130°F 300°F	150°F 300°F
Gas Valve MFG/Type Manifold Pressure Regulation Type	MH/VR8204C 1.2/3.5 STEP	MH/VR8204C 1.2/3.5 STEP	MH/VR8204C 1.2/3.5 STEP	MH/VR8204C 1.2/3.5 STEP	MH/VR8204C 1.2/3.5 STEP
Ignition Type/Model Pilot Orifice Size	I.I.D./S86F .018	I.I.D./S86F .018	I.I.D./S86F .018	I.I.D./S86F .018	I.I.D./S86F .018
Spark Gap	1/8 in.	1/8 in.	1/8 in.	1/8 in.	1/8 in.
Anticipator Setting	.15	.15	.15	.15	.15
Cap. Rating MFD/Volts Combustion Air Blower	5/370	5/370	5/370	5/370	5/370
Furnace Blower Rated Ext. Static Press	.10-.50	.10-.50	.12-.50	.15-.50	.20-.50

Specifications: Upflow LP Gas Models (NULK)

MODEL/SERIES	NULK050MF03 NULK050MF04	NULK075DG03 NULK075DG04	NULK100DH03 NULK100DH05	NULK125DK03 NULK125DK04
Input Rating (BTUH) Output (BTUH)	STD ALT 50,000 40,000 48,000 38,000	STD ALT 75,000 60,000 70,000 -	STD ALT 100,000 80,000 92,000 -	STD ALT 125,000 100,000 113,000 -
Temperature Rise	15° - 45° F	35° - 65° F	40° - 70° F	35° - 65° F
Flue Size	2 in	2 in	2 in	2 in
Elec.Volts/PH./F.L.A. Transformer Size (VA)	115/1/8.0 40	115/1/10.8 40	115/1/10.8 40	115/1/11.1 40
Orifice Sizes (Req'd)	#54(2) #55	#54(3) #55	#54(4) #55	#54(5) #55
Limit Setting	170	170	170	170
Fan Switch Setting OFF	90	90	90	90
Exhaust Limit Thermal Sensor	120°F 300°F	130°F 300°F	130°F 300°F	150°F 300°F
Gas Valve MFG/Type Manifold Pressure Regulation Type	WR36E 2.2/10 STEP	WR36E 2.2/10 STEP	WR36E 2.2/10 STEP	WR36E 2.2/10 STEP
Ignition Type/Model Lock-Out Timing	HSI/50E47 After 3 Tries	HSI/50E47 After 3 Tries	HSI/50E47 After 3 Tries	HSI/50E47 After 3 Tries
Anticipator Setting	.15	.15	.15	.15
Cap. Rating MFD/Volts Combustion Air Blower	5/370	5/370	5/370	5/370
Furnace Blower Rated Ext. Static Press	.10-.50	.12-.50	.15-.50	.20-.50

## Specifications: Upflow Natural Gas Models (NUGK)

1005997

MODEL/SERIES	NUGK040KF06	NUGK050MF06 NUGK050NF06	NUGK075DG07 NUGK075KG06	NUGK100DH08 NUGK100KH08	NUGK125DK06 NUGK125KK06
Input Rating (BTUH) Output (BTUH)	STD ALT 40,000 50,000 38,000 48,500	STD ALT 50,000 40,000 48,000 38,000	STD ALT 75,000 60,000 70,000 -	STD ALT 100,000 80,000 92,000 -	STD ALT 125,000 100,000 113,000 -
Temperature Rise	15° - 45° F	15° - 45° F	35° - 65° F	40° - 70° F	35° - 65° F
Flue Size	2 in	2 in	2 in	2 in	2 in
Elec. Volts/PH./F.L.A. Transformer Size (VA)	115/1/8.0 40	115/1/8.0 40	115/1/10.8 40	115/1/10.8 40	115/1/11.8 40
Orifice Sizes (Req'd)	#45(2) #42	#42(2) #45	#42(3) #44	#42(4) #44	#42(5) #44
Limit Setting	200	200	250	170	170
Fan Setting Delay ON	15-90	15-90	15-90	15-90	15-90
Timer (Sec's) Delay OFF	30-120	30-120	30-120	30-120	30-120
Exhaust Limit (Man. Thermal Sensor Reset)	120°F 300°F	120°F 300°F	130°F 300°F	130°F 300°F	150°F 300°F
Gas Valve MFG/Type Manifold Pressure Regulation Type	MH/VR8204A 3.5 SNAP	MH/VR8204A 3.5 SNAP	MH/VR8204A 3.5 SNAP	MH/VR8204A 3.5 SNAP	MH/VR8204A 3.5 SNAP
Ignition Type/Model Pilot Orifice Size	I.I.D./S8600M .018	I.I.D./S8600M .018	I.I.D./S8600M .018	I.I.D./S8600M .018	I.I.D./S8600M .018
Spark Gap	1/8 in.	1/8 in.	1/8 in.	1/8 in.	1/8 in.
Anticipator Setting	.75	.75	.75	.75	.75
Cap. Rating MFD/Volts Combustion Air Blower	5/370	5/370	5/370	5/370	5/370
Furnace Blower Rated Ext. Static Press	.10-.50	.10-.50	.12-.50	.15-.50	.20-.50

## Specifications: Upflow LP Gas Models (NULK)

MODEL/SERIES	NULK050MF05	NULK075DG05	NULK100DH06	NULK125DK05
Input Rating (BTUH) Output (BTUH)	STD ALT 50,000 40,000 48,000 38,000	STD ALT 75,000 60,000 70,000 -	STD ALT 100,000 80,000 92,000 -	STD ALT 125,000 100,000 113,000 -
Temperature Rise	15° - 45° F	35° - 65° F	40° - 70° F	35° - 65° F
Flue Size	2 in	2 in	2 in	2 in
Elec. Volts/PH./F.L.A. Transformer Size (VA)	115/1/8.0 40	115/1/10.8 40	115/1/10.8 40	115/1/11.1 40
Orifice Sizes (Req'd)	#54(2) #55	#54(3) #55	#54(4) #55	#54(5) #55
Limit Setting	200	250	170	170
Fan Setting Delay ON	15-90	15-90	15-90	15-90
Timer (Sec's) Delay OFF	30-120	30-120	30-120	30-120
Exhaust Limit (Man. Thermal Sensor Reset)	120°F 300°F	130°F 300°F	130°F 300°F	150°F 300°F
Gas Valve MFG/Type Manifold Pressure Regulation Type	WR36E 10 SNAP	WR36E 10 SNAP	WR36E 10 SNAP	WR36E 10 SNAP
Ignition Type/Model Lock-Out Timing	HSI/50F47 After 3 Tries	HSI/50F47 After 3 Tries	HSI/50F47 After 3 Tries	HSI/50F47 After 3 Tries
Anticipator Setting	.85	.85	.85	.85
Cap. Rating MFD/Volts Combustion Air Blower	5/370	5/370	5/370	5/370
Furnace Blower Rated Ext. Static Press	.10-.50	.12-.50	.15-.50	.20-.50

Specifications: Upflow Natural Gas Models (NUGK)

1005147

MODEL/SERIES	NUGK040KF03	NUGK050MF03 NUGK050NF03	NUGK075DG03 NUGK075DG04 NUGK075KG03	NUGK100DH03 NUGK100DH04 NUGK100DH05 NUGK100KH03 NUGK100KH04 NUGK100KH05	NUGK125DK03 NUGK125KK03
Input Rating (BTUH) Output (BTUH)	STD 40,000 ALT 50,000 38,000 48,500	STD 50,000 ALT 40,000 48,000 38,000	STD 75,000 ALT 60,000 70,000 -	STD 100,000 ALT 80,000 92,000 -	STD 125,000 ALT 100,000 113,000 -
Temperature Rise	15° - 45° F	15° - 45° F	35° - 65° F	40° - 70° F	35° - 65° F
Flue Size	2 in	2 in	2 in	2 in	2 in
Elec.Volts/PH./F.L.A.	115/1/8.0	115/1/8.0	115/1/10.8	115/1/10.8	115/1/11.1
Transformer Size (VA)	40	40	40	40	40
Orifice Sizes (Req'd)	#45(2) #42	#42(2) #45	#42(3) #44	#42(4) #44	#42(5) #44
Limit Setting	170	170	170	170	170
Fan Switch Setting OFF	90	90	90	90	90
Exhaust Limit	120°F	120°F	130°F	130°F	150°F
Thermal Sensor	300°F	300°F	300°F	300°F	300°F
Gas Valve MFG/Type	MH/VR8440P	MH/VR8440P	MH/VR8440P	MH/VR8440P	MH/VR8440P
Manifold Pressure	1.2/3.5	1.2/3.5	1.2/3.5	1.2/3.5	1.2/3.5
Regulation Type	STEP	STEP	STEP	STEP	STEP
Ignition Type/Model	I.I.D./S86F	I.I.D./S86F	I.I.D./S86F	I.I.D./S86F	I.I.D./S86F
Pilot Orifice Size	.018	.018	.018	.018	.018
Spark Gap	1/8 in.	1/8 in.	1/8 in.	1/8 in.	1/8 in.
Anticipator Setting	.15	.15	.15	.15	.15
Cap. Rating MFD/Volts Combustion Air Blower	5/370	5/370	5/370	5/370	5/370
Furnace Blower Rated Ext. Static Press	.10-.50	.10-.50	.12-.50	.15-.50	.20-.50

Specifications: Upflow LP Gas Models (NULK)

MODEL/SERIES	NULK050MF03	NULK075DG03 NULK075DG04	NULK100DH03 NULK100DH04 NULK100DH05	NULK125DK03
Input Rating (BTUH) Output (BTUH)	STD 50,000 ALT 40,000 48,000 38,000	STD 75,000 ALT 60,000 70,000 -	STD 100,000 ALT 80,000 92,000 -	STD 125,000 ALT 100,000 113,000 -
Temperature Rise	15° - 45° F	35° - 65° F	40° - 70° F	35° - 65° F
Flue Size	2 in	2 in	2 in	2 in
Elec.Volts/PH./F.L.A.	115/1/8.0	115/1/10.8	115/1/10.8	115/1/11.1
Transformer Size (VA)	40	40	40	40
Orifice Sizes (Req'd)	#54(2) #55	#54(3) #55	#54(4) #55	#54(5) #55
Limit Setting	170	170	170	170
Fan Switch Setting OFF	90	90	90	90
Exhaust Limit	120°F	130°F	130°F	150°F
Thermal Sensor	300°F	300°F	300°F	300°F
Gas Valve MFG/Type	WR36E	WR36E	WR36E	WR36E
Manifold Pressure	2.2/10	2.2/10	2.2/10	2.2/10
Regulation Type	STEP	STEP	STEP	STEP
Ignition Type/Model	HSI/50E47	HSI/50E47	HSI/50E47	HSI/50E47
Lock-Out Timing	After 3 Tries	After 3 Tries	After 3 Tries	After 3 Tries
Anticipator Setting	.15	.15	.15	.15
Cap. Rating MFD/Volts Combustion Air Blower	5/370	5/370	5/370	5/370
Furnace Blower Rated Ext. Static Press	.10-.50	.12-.50	.15-.50	.20-.50

## Specifications: Upflow Natural Gas Models (NUGS)

1007567

MODEL/SERIES	NUGS050AF03	NUGS075BG03	NUGS100BH03	NUGS125AK03
Gas Type-NAT	STD	STD	STD	STD
Input Rating (BTUH)	50,000	75,000	100,000	125,000
Output (BTUH)	48,000	70,000	92,000	113,000
Temperature Rise	15° - 45° F	35° - 65° F	40° - 70° F	35° - 65° F
Flue Size	2 in	3 in	3 in	3 in
Elec. Volts/PH./F.L.A.	115/1/8.0	115/1/10.8	115/1/10.8	115/1/11.8
Transformer Size (VA)	40	40	40	40
Orifice Sizes (Req'd)	#42(2)	#42(3)	#42(4)	#42(5)
Limit Setting	250	250	200	170
Fan Setting Delay ON	15-90	15-90	15-90	15-90
Timer (Sec's) Delay OFF	30-120	30-120	30-120	30-120
Exhaust Limit	150°F	150°F	150°F	180°F
Thermal Sensor	300°F	300°F	300°F	300°F
Gas Valve MFG/Type	WR36E	WR36E	WR36E	WR36E
Manifold Pressure	1.2/3.5	1.2/3.5	1.2/3.5	1.2/3.5
Regulation Type	STEP	STEP	STEP	STEP
Ignition Type/Model	IID/S8600M	IID/S8600M	IID/S8600M	IID/S8600M
Pilot Orifice Size	.20	.20	.20	.20
Anticipator Setting	.55	.55	.55	.55
Cap. Rating MFD/Volts Combustion Air Blower	5/370	5/370	5/370	5/370
Furnace Blower Rated Ext. Static Press	.10-.50	.12-.50	.15-.50	.20-.50

## Specifications: Upflow LP Gas Models (NULS)

MODEL/SERIES	NULS050AF03	NULS075BG03	NULS100BH03	NULS125AK03
Gas Type-NAT	STD	STD	STD	STD
Input Rating (BTUH)	50,000	75,000	100,000	125,000
Output (BTUH)	48,000	70,000	92,000	113,000
Temperature Rise	15° - 45° F	35° - 65° F	40° - 70° F	35° - 65° F
Flue Size	2 in	3 in	3 in	3 in
Elec. Volts/PH./F.L.A.	115/1/8.0	115/1/10.8	115/1/10.8	115/1/11.8
Transformer Size (VA)	40	40	40	40
Orifice Sizes (Req'd)	#54(2)	#54(3)	#54(4)	#54(5)
Limit Setting	250	250	200	170
Fan Setting Delay ON	15-90	15-90	15-90	15-90
Timer (Sec's) Delay OFF	30-120	30-120	30-120	30-120
Exhaust Limit	150°F	150°F	150°F	180°F
Thermal Sensor	300°F	300°F	300°F	300°F
Gas Valve MFG/Type	WR36E	WR36E	WR36E	WR36E
Manifold Pressure	2.5/10	2.5/10	2.5/10	2.5/10
Regulation Type	STEP	STEP	STEP	STEP
Ignition Type/Model	IID/S8600M	IID/S8600M	IID/S8600M	IID/S8600M
Pilot Orifice Size	.012	.012	.012	.012
Anticipator Setting	.55	.55	.55	.55
Cap. Rating MFD/Volts Combustion Air Blower	5/370	5/370	5/370	5/370
Furnace Blower Rated Ext. Static Press	.10-.50	.12-.50	.15-.50	.20-.50

**Specifications: Upflow Natural Gas Models (NUGS)**

1007213

MODEL/SERIES	NUGS050AF02	NUGS075BG02	NUGS100BH02	NUGS125AK02
Gas Type-NAT	STD	STD	STD	STD
Input Rating (BTUH)	50,000	75,000	100,000	125,000
Output (BTUH)	48,000	70,000	92,000	113,000
Temperature Rise	15° - 45° F	35° - 65° F	40° - 70° F	35° - 65° F
Flue Size	2 in	3 in	3 in	3 in
Elec.Volts/PH./F.L.A.	115/1/8.0	115/1/10.8	115/1/10.8	115/1/11.8
Transformer Size (VA)	40	40	40	40
Orifice Sizes (Req'd)	#42(2)	#42(3)	#42(4)	#42(5)
Limit Setting	250	250	200	170
Fan Timer Settings (Sec's) OFF	Timed	Timed	Timed	Timed
Exhaust Limit	150°F	150°F	150°F	180°F
Thermal Sensor	300°F	300°F	300°F	300°F
Gas Valve MFG/Type	WR36E	WR36E	WR36E	WR36E
Manifold Pressure	3.5	3.5	3.5	3.5
Regulation Type	SNAP	SNAP	SNAP	SNAP
Ignition Type/Model	HSI/50F47	HSI/50F47	HSI/50F47	HSI/50F47
Anticipator Setting	.80	.80	.80	.80
Cap. Rating MFD/Volts				
Combustion Air Blower	5/370	5/370	5/370	5/370
Furnace Blower Rated				
Ext. Static Press	.10-.50	.12-.50	.15-.50	.20-.50

**Specifications: Upflow LP Gas Models (NULS)**

MODEL/SERIES	NULS050AF02	NULS075BG02	NULS100BH02	NULS125AK02
Gas Type-NAT	STD	STD	STD	STD
Input Rating (BTUH)	50,000	75,000	100,000	125,000
Output (BTUH)	48,000	70,000	92,000	113,000
Temperature Rise	15° - 45° F	35° - 65° F	40° - 70° F	35° - 65° F
Flue Size	2 in	3 in	3 in	3 in
Elec.Volts/PH./F.L.A.	115/1/8.0	115/1/10.8	115/1/10.8	115/1/11.8
Transformer Size (VA)	40	40	40	40
Orifice Sizes (Req'd)	#54(2)	#54(3)	#54(4)	#54(5)
Limit Setting	250	250	200	170
Fan Timer Settings (Sec's) OFF	Timed	Timed	Timed	Timed
Exhaust Limit	150°F	150°F	150°F	180°F
Thermal Sensor	300°F	300°F	300°F	300°F
Gas Valve MFG/Type	WR36E	WR36E	WR36E	WR36E
Manifold Pressure	10	10	10	10
Regulation Type	SNAP	SNAP	SNAP	SNAP
Ignition Type/Model	HSI/50F47	HSI/50F47	HSI/50F47	HSI/50F47
Anticipator Setting	.80	.80	.80	.80
Cap. Rating MFD/Volts				
Combustion Air Blower	5/370	5/370	5/370	5/370
Furnace Blower Rated				
Ext. Static Press	.10-.50	.12-.50	.15-.50	.20-.50

## Specifications: Upflow Natural Gas Models (NUGS)

1006412

MODEL/SERIES	NUGS050AF01	NUGS075BG01	NUGS100BH01	NUGS125AK01
Gas Type-NAT	STD	STD	STD	STD
Input Rating (BTUH)	50,000	75,000	100,000	125,000
Output (BTUH)	48,000	70,000	92,000	113,000
Temperature Rise	15° - 45° F	35° - 65° F	40° - 70° F	35° - 65° F
Flue Size	2 in	3 in	3 in	3 in
Elec.Volts/PH./F.L.A.	115/1/8.0	115/1/10.8	115/1/10.8	115/1/11.8
Transformer Size (VA)	40	40	40	40
Orifice Sizes (Req'd)	#42(2)	#42(3)	#42(4)	#42(5)
Limit Setting	250	250	200	170
Fan Timer Settings (Sec's) OFF	Timed	Timed	Timed	Timed
Exhaust Limit	120°F	130°F	130°F	150°F
Thermal Sensor	300°F	300°F	300°F	300°F
Gas Valve MFG/Type	WR36E	WR36E	WR36E	WR36E
Manifold Pressure	3.5	3.5	3.5	3.5
Regulation Type	SNAP	SNAP	SNAP	SNAP
Ignition Type/Model	HSI/50F47	HSI/50F47	HSI/50F47	HSI/50F47
Lock-Out Timing	After 3 Tries	After 3 Tries	After 3 Tries	After 3 Tries
Anticipator Setting	.80	.80	.80	.80
Cap. Rating MFD/Volts				
Combustion Air Blower	5/370	5/370	5/370	5/370
Furnace Blower Rated				
Ext. Static Press	.10-.50	.12-.50	.15-.50	.20-.50

## Specifications: Upflow LP Gas Models (NULS)

MODEL/SERIES	NULS050AF01	NULS075BG01	NULS100BH01	NULS125AK01
Gas Type-NAT	STD	STD	STD	STD
Input Rating (BTUH)	50,000	75,000	100,000	125,000
Output (BTUH)	48,000	70,000	92,000	113,000
Temperature Rise	15° - 45° F	35° - 65° F	40° - 70° F	35° - 65° F
Flue Size	2 in	3 in	3 in	3 in
Elec.Volts/PH./F.L.A.	115/1/8.0	115/1/10.8	115/1/10.8	115/1/11.8
Transformer Size (VA)	40	40	40	40
Orifice Sizes (Req'd)	#54(2)	#54(3)	#54(4)	#54(5)
Limit Setting	250	250	200	170
Fan Timer Settings (Sec's) OFF	Timed	Timed	Timed	Timed
Exhaust Limit (Man. Thermal Sensor Reset)	120°F 300°F	130°F 300°F	130°F 300°F	150°F 300°F
Gas Valve MFG/Type	WR36E	WR36E	WR36E	WR36E
Manifold Pressure	10	10	10	10
Regulation Type	SNAP	SNAP	SNAP	SNAP
Ignition Type/Model	HSI/50F47	HSI/50F47	HSI/50F47	HSI/50F47
Lock-Out Timing	After 3 Tries	After 3 Tries	After 3 Tries	After 3 Tries
Anticipator Setting	.80	.80	.80	.80
Cap. Rating MFD/Volts				
Combustion Air Blower	5/370	5/370	5/370	5/370
Furnace Blower Rated				
Ext. Static Press	.10-.50	.12-.50	.15-.50	.20-.50

Specifications: Upflow Natural Gas Models (NUGS)

1006034

MODEL/SERIES	NUGS050AF01	NUGS075AG01	NUGS100AH01	NUGS125AK01
Gas Type-NAT	STD	STD	STD	STD
Input Rating (BTUH)	50,000	75,000	100,000	125,000
Output (BTUH)	48,000	70,000	92,000	113,000
Temperature Rise	15° - 45° F	35° - 65° F	40° - 70° F	35° - 65° F
Flue Size	2 in	2 in	2 in	3 in
Elec. Volts/PH./F.L.A.	115/1/8.0	115/1/10.8	115/1/10.8	115/1/11.8
Transformer Size (VA)	40	40	40	40
Orifice Sizes (Req'd)	#42(2)	#42(3)	#42(4)	#42(5)
Limit Setting	250	250	200	170
Fan Timer Settings (Sec's) OFF	Timed	Timed	Timed	Timed
Exhaust Limit	120°F	130°F	130°F	150°F
Thermal Sensor	300°F	300°F	300°F	300°F
Gas Valve MFG/Type	WR36E	WR36E	WR36E	WR36E
Manifold Pressure	3.5	3.5	3.5	3.5
Regulation Type	SNAP	SNAP	SNAP	SNAP
Ignition Type/Model	HSI/50F47	HSI/50F47	HSI/50F47	HSI/50F47
Lock-Out Timing	After 3 Tries	After 3 Tries	After 3 Tries	After 3 Tries
Anticipator Setting	.80	.80	.80	.80
Cap. Rating MFD/Volts				
Combustion Air Blower	5/370	5/370	5/370	5/370
Furnace Blower Rated				
Ext. Static Press	.10-.50	.12-.50	.15-.50	.20-.50

Specifications: Upflow LP Gas Models (NULS)

MODEL/SERIES	NULS050AF01	NULS075AG01	NULS100AH01	NULS125AK01
Gas Type-NAT	STD	STD	STD	STD
Input Rating (BTUH)	50,000	75,000	100,000	125,000
Output (BTUH)	48,000	70,000	92,000	113,000
Temperature Rise	15° - 45° F	35° - 65° F	40° - 70° F	35° - 65° F
Flue Size	2 in	2 in	2 in	3 in
Elec. Volts/PH./F.L.A.	115/1/8.0	115/1/10.8	115/1/10.8	115/1/11.8
Transformer Size (VA)	40	40	40	40
Orifice Sizes (Req'd)	#54(2)	#54(3)	#54(4)	#54(5)
Limit Setting	250	250	200	170
Fan Timer Settings (Sec's) OFF	Timed	Timed	Timed	Timed
Exhaust Limit	120°F	130°F	130°F	150°F
Thermal Sensor	300°F	300°F	300°F	300°F
Gas Valve MFG/Type	WR36E	WR36E	WR36E	WR36E
Manifold Pressure	10	10	10	10
Regulation Type	SNAP	SNAP	SNAP	SNAP
Ignition Type/Model	HSI/50F47	HSI/50F47	HSI/50F47	HSI/50F47
Lock-Out Timing	After 3 Tries	After 3 Tries	After 3 Tries	After 3 Tries
Anticipator Setting	.80	.80	.80	.80
Cap. Rating MFD/Volts				
Combustion Air Blower	5/370	5/370	5/370	5/370
Furnace Blower Rated				
Ext. Static Press	.10-.50	.12-.50	.15-.50	.20-.50

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.....40			
NDGK040KF03 .....	67	NDLK050DF06 .....	66
NDGK040KF04 .....	67	NUGK050MF03 .....	68
NDGK040KF05 .....	66	NUGK050MF04 .....	68
NDGK040KF06 .....	66	NUGK050MF05 .....	68
NUGK040KF03 .....	68	NUGK050MF06 .....	69
NUGK040KF04 .....	68	NUGK050MF07 .....	69
NUGK040KF05 .....	68	NUGK050NF03 .....	68
NUGK040KF06 .....	69	NUGK050NF04 .....	68
NUGK040KF07 .....	69	NUGK050NF05 .....	68
.....50		NUGK050NF06 .....	69
NDGK050DF03 .....	67	NUGK050NF07 .....	69
NDGK050DF04 .....	67	NUGS050AF01 .....	69
NDGK050DF05 .....	66	NUGS050AF02 .....	69
NDGK050DF06 .....	66	NUGS050AF03 .....	69
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NDGK050KF04 .....	67	NULK050MF04 .....	68
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NDLK050DF04 .....	67	NULS050AF02 .....	69
NDLK050DF05 .....	66	NULS050AF03 .....	69



MODEL	PAGE	MODEL	PAGE
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NDGK075DF07 .....	66	NUGK075KG05 .....	68
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NDGK075KF04 .....	67	NUGK075KG07 .....	69
NDGK075KF05 .....	66	NUGS075AG01 .....	69
NDGK075KF06 .....	66	NUGS075BG01 .....	69
NDGK075KF07 .....	66	NUGS075BG02 .....	69
NDLK075DF03 .....	67	NUGS075BG03 .....	69
NDLK075DF04 .....	67	NULK075DG03 .....	68
NDLK075DF05 .....	66	NULK075DG04 .....	68
NDLK075DF06 .....	66	NULK075DG05 .....	69
NDLK075DF07 .....	66	NULK075DG06 .....	69
NUGK075DG03 .....	68	NULS075AG01 .....	69
NUGK075DG04 .....	68	NULS075BG01 .....	69
NUGK075DG05 .....	68	NULS075BG02 .....	69
NUGK075DG06 .....	68	NULS075BG03 .....	69

MODEL	PAGE	MODEL	PAGE
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NDGK100KG05 .....	66	NUGK100KH09 .....	69
NDGK100KG06 .....	66	NUGK100KH11 .....	69
NDLK100DG03 .....	67	NUGS100AH01 .....	69
NDLK100DG04 .....	67	NUGS100BH01 .....	69
NDLK100DG05 .....	66	NUGS100BH02 .....	69
NDLK100DG07 .....	66	NUGS100BH03 .....	69
NUGK100DH03 .....	68	NULK100DH03 .....	68
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NUGK100DH05 .....	68	NULK100DH05 .....	68
NUGK100DH06 .....	68	NULK100DH06 .....	69
NUGK100DH07 .....	68	NULK100DH07 .....	69
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NUGK100DH09 .....	69	NULS100BH01 .....	69
NUGK100DH11 .....	69	NULS100BH02 .....	69
		NULS100BH03 .....	69

MODEL	PAGE	MODEL	PAGE
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NDGK125DK04 .....	67	NUGK125KK05 .....	68
NDGK125DK05 .....	66	NUGK125KK06 .....	69
NDGK125KK03 .....	67	NUGK125KK07 .....	69
NDGK125KK04 .....	67	NUGK125KK08 .....	69
NDGK125KK05 .....	66	NUGS125AK01 .....	69
NDLK125DK03 .....	67	NUGS125AK02 .....	69
NDLK125DK04 .....	66	NUGS125AK03 .....	69
NDLK125DK05 .....	66	NULK125DK03 .....	68
NUGK125DK03 .....	68	NULK125DK04 .....	68
NUGK125DK04 .....	68	NULK125DK05 .....	69
NUGK125DK05 .....	68	NULK125DK06 .....	69
NUGK125DK06 .....	69	NULK125DK07 .....	69
NUGK125DK07 .....	69	NULS125AK01 .....	69
NUGK125DK08 .....	69	NULS125AK02 .....	69
NUGK125KK03 .....	68	NULS125AK03 .....	69

## BLOWER PERFORMANCE DATA

NOTE: Use the Blower Performance Index to find the correct chart.

Model Number		NDGK040	NDGK050 NDLK050	NDGK075 NDLK075	NDGK100 NDLK100	NDGK125 NDLK125	
Blower Type & Size		DD10-8A	DD10-8A	DD10-9A	DD10-9A	DD12-11AT	
Motor Amps/RPM		8.0/1050	8.0/1050	8.0/1050	8.0/1050	11.8/1050	
Nominal H.P./Type		1/2 PSC	1/2 PSC	3/4 PSC	3/4 PSC	1 PSC	
Capacitor		7.5 MFD	7.5 MFD	10.0 MFD	10.0 MFD	15.0 MFD	
Air Delivery in C.F.M. Varying Static Pressure (in WC.)	.10	LO	850	850	860	1055	1575
		MED. LO	1090	1090	1100	1330	1720
		MED. HI	1320	1320	1330	1550	1975
		HI	1460	1460	1470	1690	2210
	.20	LO	850	850	855	1050	1550
		MED. LO	1080	1080	1080	1295	1695
		MED. HI	1270	1270	1300	1495	1935
		HI	1400	1400	1415	1625	2135
	.30	LO	840	840	855	1035	1520
		MED. LO	1050	1050	1060	1245	1665
		MED. HI	1220	1220	1240	1430	1885
		HI	1340	1340	1360	1550	2075
	.40	LO	820	820	840	1000	1490
		MED. LO	1010	1010	1030	1190	1620
		MED. HI	1160	1160	1195	1360	1835
		HI	1275	1275	1295	1470	2020
	.50	LO	790	790	820	965	1460
		MED. LO	970	970	990	1140	1580
		MED. HI	1105	1105	1140	1300	1785
		HI	1200	1200	1230	1380	1965

**BLOWER PERFORMANCE DATA (Cont.)**

NOTE: Use the Blower Performance Index to find the correct chart.

Model Number			NDGK040	NDGK050 NDLK050	NDGK075 NDLK075	NDGK100 NDLK100	NDGK125 NDLK125
Blower Type & Size			DD10-8AT	DD10-8AT	DD10-9AT	DD10-9AT	DD12-11AT
Motor Amps/RPM			8.0/1050	8.0/1050	8.0/1050	10.8/1050	11.1/1050
Nominal H.P./Type			1/2 PSC	1/2 PSC	1/2 PSC	3/4 PSC	3/4 PSC
Capacitor			7.5 MFD	7.5 MFD	7.5 MFD	10.0 MFD	15.0 MFD
Air Delivery in C.F.M. Varying Static Pressure (in WC.)	.10	LO	850	850	860	1055	1575
		MED. LO	1090	1090	1100	1330	1720
		MED. HI	1320	1320	1330	1550	1975
		HI	1460	1460	1470	1690	2210
	.20	LO	850	850	855	1050	1550
		MED. LO	1080	1080	1080	1295	1695
		MED. HI	1270	1270	1300	1495	1935
		HI	1400	1400	1415	1625	2135
	.30	LO	840	840	855	1035	1520
		MED. LO	1050	1050	1060	1245	1665
		MED. HI	1220	1220	1240	1430	1885
		HI	1340	1340	1360	1550	2075
	.40	LO	820	820	840	1000	1490
		MED. LO	1010	1010	1030	1190	1620
		MED. HI	1160	1160	1195	1360	1835
		HI	1275	1275	1295	1470	2020
	.50	LO	790	790	820	965	1460
		MED. LO	970	970	990	1140	1580
		MED. HI	1105	1105	1140	1300	1785
		HI	1200	1200	1230	1380	1965

## BLOWER PERFORMANCE DATA (Cont.)

NOTE: Use the Blower Performance Index to find the correct chart.

Model Number		NUGK040 NUGK050 NULK050	NUGK075 NULK075	NUGK100 NULK100	NUGK125 NULK125	
Blower Type & Size		DD10-8AT	DD10-9AT	DD10-9AT	DD12-11AT	
Motor Amps/RPM		8.0/1050	8.0/1050	10.8/1050	11.1/1050	
Nominal H.P./Type		1/2 PSC	3/4 PSC	3/4 PSC	3/4 PSC	
Capacitor		7.5 MFD	10.0 MFD	10.0 MFD	15.0 MFD	
Air Delivery in C.F.M. Varying Static Pressure (In WC.)	.10	LO	800	1035	1050	1460
		MED. LO	1080	1305	1355	1620
		MED. HI	1350	1545	1660	1950
		HI	1570	1720	1880	2320
	.20	LO	850	1030	1040	1455
		MED. LO	1075	1270	1330	1610
		MED. HI	1320	1490	1600	1910
		HI	1510	1650	1820	2255
	.30	LO	855	1020	1035	1460
		MED. LO	1060	1235	1305	1610
		MED. HI	1280	1430	1545	1885
		HI	1445	1580	1750	2205
	.40	LO	855	995	1025	1445
		MED. LO	1040	1195	1280	1590
		MED. HI	1230	1375	1490	1855
HI		1375	1510	1675	2145	
.50	LO	835	960	1010	1430	
	MED. LO	1010	1145	1230	1570	
	MED. HI	1180	1300	1425	1825	
	HI	1300	1435	1585	2105	

**BLOWER PERFORMANCE DATA (Cont.)**

NOTE: Use the Blower Performance Index to find the correct chart.

Model Number			NUGK040 NUGK050 NUGS050 NULK050 NULS050	NUGK075 NUGS075 NULK075 NULS075	NUGK100 NUGS100 NULK100 NULS100	NUGK125 NUGS125 NULK125 NULS125
Blower Type & Size			DD10-8A	DD10-9A	DD10-9A	DD12-11AT
Motor Amps/RPM			8.0/1050	10.8/1050	10.8/1050	11.8/1050
Nominal H.P./Type			1/2 PSC	3/4 PSC	3/4 PSC	1 PSC
Capacitor			7.5 MFD	10.0 MFD	10.0 MFD	15.0 MFD
Air Delivery in C.F.M. Varying Static Pressure (In WC.)	.10	LO	945	1105	1100	1480
		MED. LO	1190	1360	1370	1565
		MED. HI	1375	1605	1660	1835
		HI	1625	1775	1900	2135
	.20	LO	945	1090	1076	1475
		MED. LO	1180	1335	1350	1560
		MED. HI	1360	1560	1608	1820
		HI	1570	1705	1830	2090
.30	LO	940	1070	1075	1460	
	MED. LO	1160	1360	1325	1545	
	MED. HI	1340	1500	1559	1785	
	HI	1500	1630	1752	2050	
.40	LO	935	1045	1035	1440	
	MED. LO	1140	1255	1280	1525	
	MED. HI	1305	1435	1505	1750	
	HI	1445	1560	1675	2005	
.50	LO	920	1010	1000	1425	
	MED. LO	1110	1205	1245	1500	
	MED. HI	1265	1375	1445	1715	
	HI	1385	1485	1605	1965	
.60	LO	905	960	965	1385	
	MED. LO	1080	1140	1195	1475	
	MED. HI	1205	1295	1370	1680	
	HI	1320	1395	1520	1900	
.70	LO	870	885	905	1340	
	MED. LO	1030	1050	1125	1430	
	MED. HI	1145	1205	1290	1625	
	HI	1245	1305	1430	1855	
.80	LO	820	815	830	1275	
	MED. LO	965	940	1040	1360	
	MED. HI	1070	1080	1200	1575	
	HI	1160	1200	1335	1790	

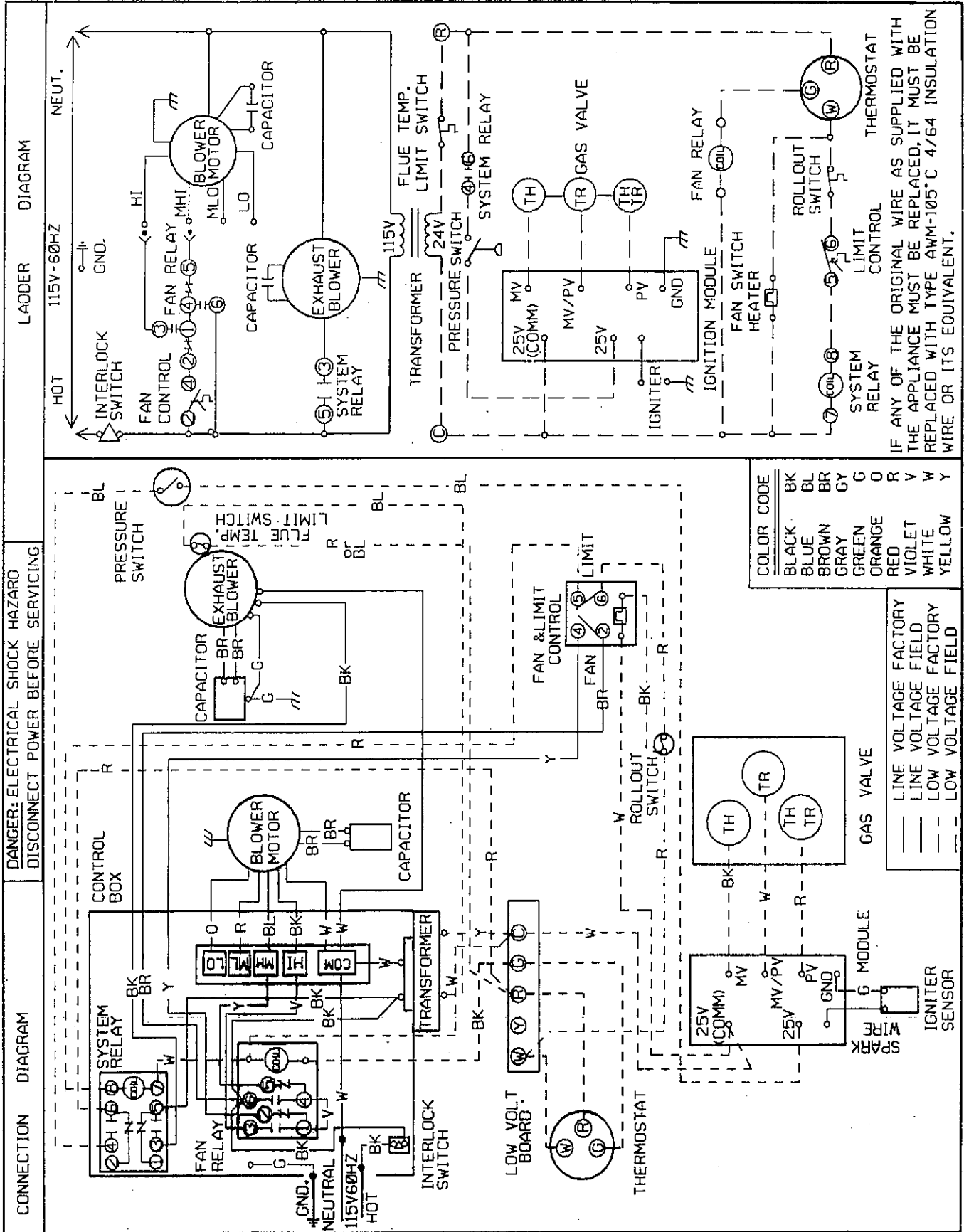
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NUGK040KF03 .....	78	NUGK050MF06 .....	77
NUGK040KF04 .....	79	NUGK050MF07 .....	77
NUGK040KF05 .....	79	NUGK050NF03 .....	78
NUGK040KF06 .....	77	NUGK050NF04 .....	79
NUGK040KF07 .....	77	NUGK050NF05 .....	79
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NDGK050DF03 .....	75	NUGK050NF07 .....	77
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NDGK050KF04 .....	75	NULK050MF04 .....	83
NDGK050KF05 .....	80	NULK050MF05 .....	82
NDGK050KF06 .....	81	NULK050MF06 .....	77
NDLK050DF03 .....	75	NULS050AF01 .....	82
NDLK050DF04 .....	75	NULS050AF02 .....	82
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MODEL	PAGE	MODEL	PAGE
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NDGK075DF06 .....	80	NUGK075KG04 .....	79
NDGK075DF07 .....	81	NUGK075KG05 .....	79
NDGK075KF03 .....	74	NUGK075KG06 .....	77
NDGK075KF04 .....	75	NUGK075KG07 .....	77
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NUGK075DG03 .....	78	NULS075AG01 .....	82
NUGK075DG04 .....	78	NULS075BG01 .....	82
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MODEL	PAGE	MODEL	PAGE
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NDGK100KG04 .....	75	NUGK100KH08 .....	84
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NDGK100KG06 .....	81	NUGK100KH11 .....	77
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NDLK100DG05 .....	80	NUGS100BH03 .....	77
NDLK100DG07 .....	81	NULK100DH03 .....	83
NUGK100DH03 .....	78	NULK100DH04 .....	83
NUGK100DH04 .....	78	NULK100DH05 .....	83
NUGK100DH05 .....	78	NULK100DH06 .....	82
NUGK100DH06 .....	79	NULK100DH07 .....	77
NUGK100DH07 .....	79	NULS100AH01 .....	82
NUGK100DH08 .....	84	NULS100BH01 .....	82
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NUGK100DH11 .....	77	NULS100BH03 .....	77

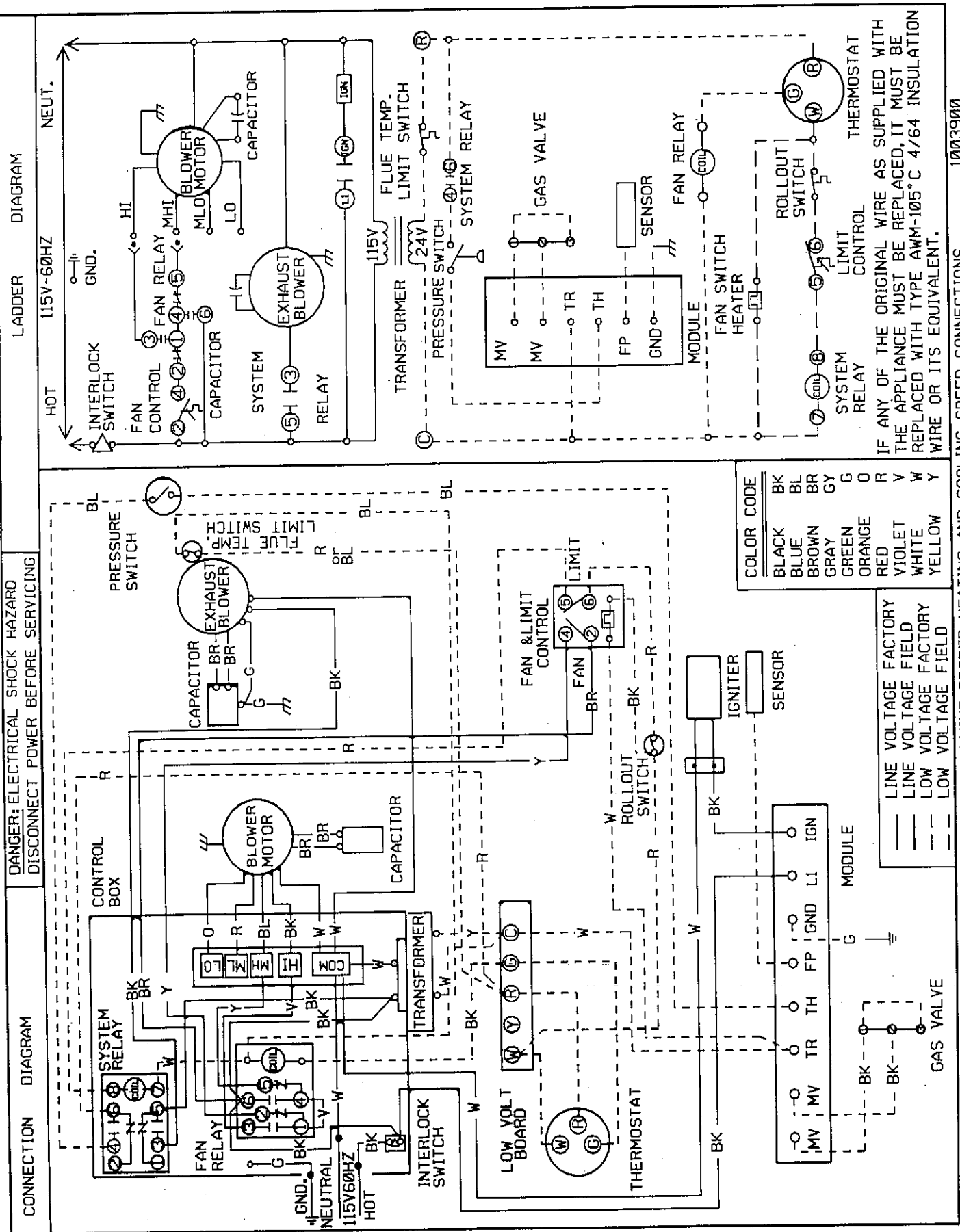
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NDGK125KK03 .....	74	NUGK125KK07 .....	77
NDGK125KK04 .....	80	NUGK125KK08 .....	77
NDGK125KK05 .....	81	NUGS125AK01 .....	82
NDLK125DK03 .....	75	NUGS125AK02 .....	82
NDLK125DK04 .....	80	NUGS125AK03 .....	77
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NUGK125DK04 .....	79	NULK125DK05 .....	82
NUGK125DK05 .....	79	NULK125DK06 .....	82
NUGK125DK06 .....	84	NULK125DK07 .....	77
NUGK125DK07 .....	77	NULS125AK01 .....	82
NUGK125DK08 .....	77	NULS125AK02 .....	82
NUGK125KK03 .....	78	NULS125AK03 .....	77



IF ANY OF THE ORIGINAL WIRE AS SUPPLIED WITH THE APPLIANCE MUST BE REPLACED, IT MUST BE REPLACED WITH TYPE AWM-105°C 4/64 INSULATION WIRE OR ITS EQUIVALENT.

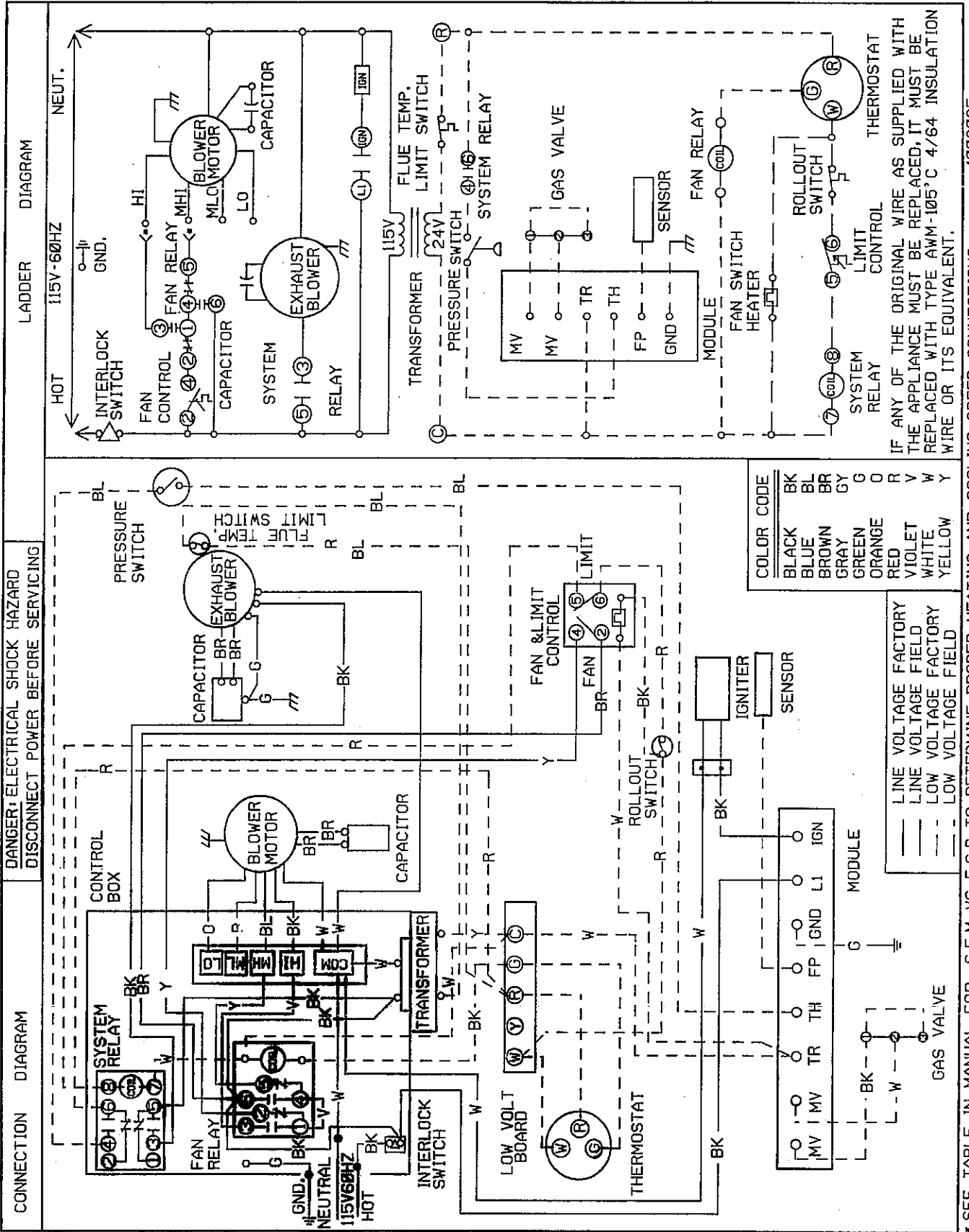
\* SEE TABLE IN MANUAL FOR C.F.M. VS. E.S.P. TO DETERMINE PROPER HEATING AND COOLING SPEED CONNECTIONS

1002751 rev.1



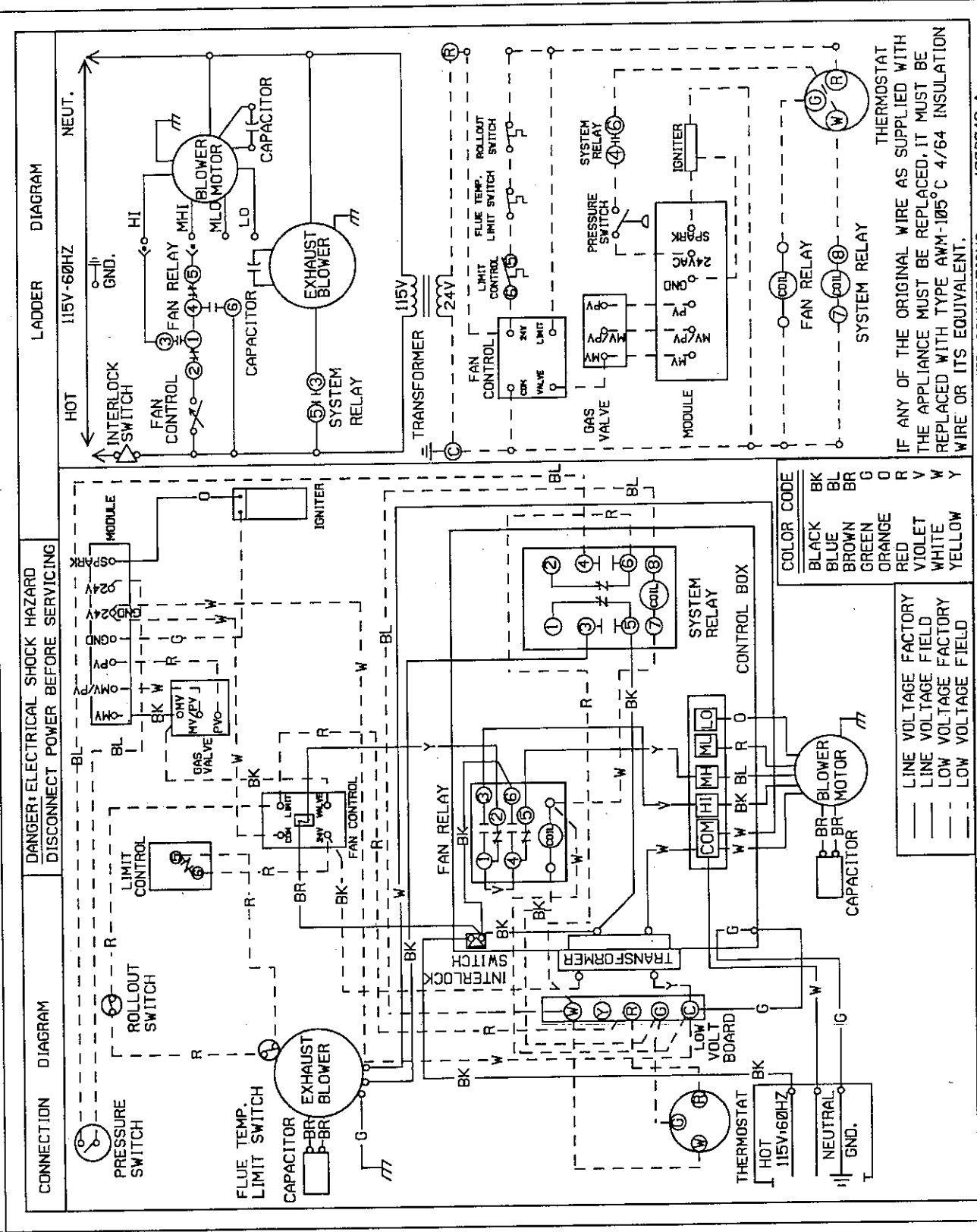
IF ANY OF THE ORIGINAL WIRE AS SUPPLIED WITH THE APPLIANCE MUST BE REPLACED, IT MUST BE REPLACED WITH TYPE AWM-105°C 4/64 INSULATION WIRE OR ITS EQUIVALENT.

\* SEE TABLE IN MANUAL FOR C.F.M. VS. E.S.P. TO DETERMINE PROPER HEATING AND COOLING SPEED CONNECTIONS 1003900

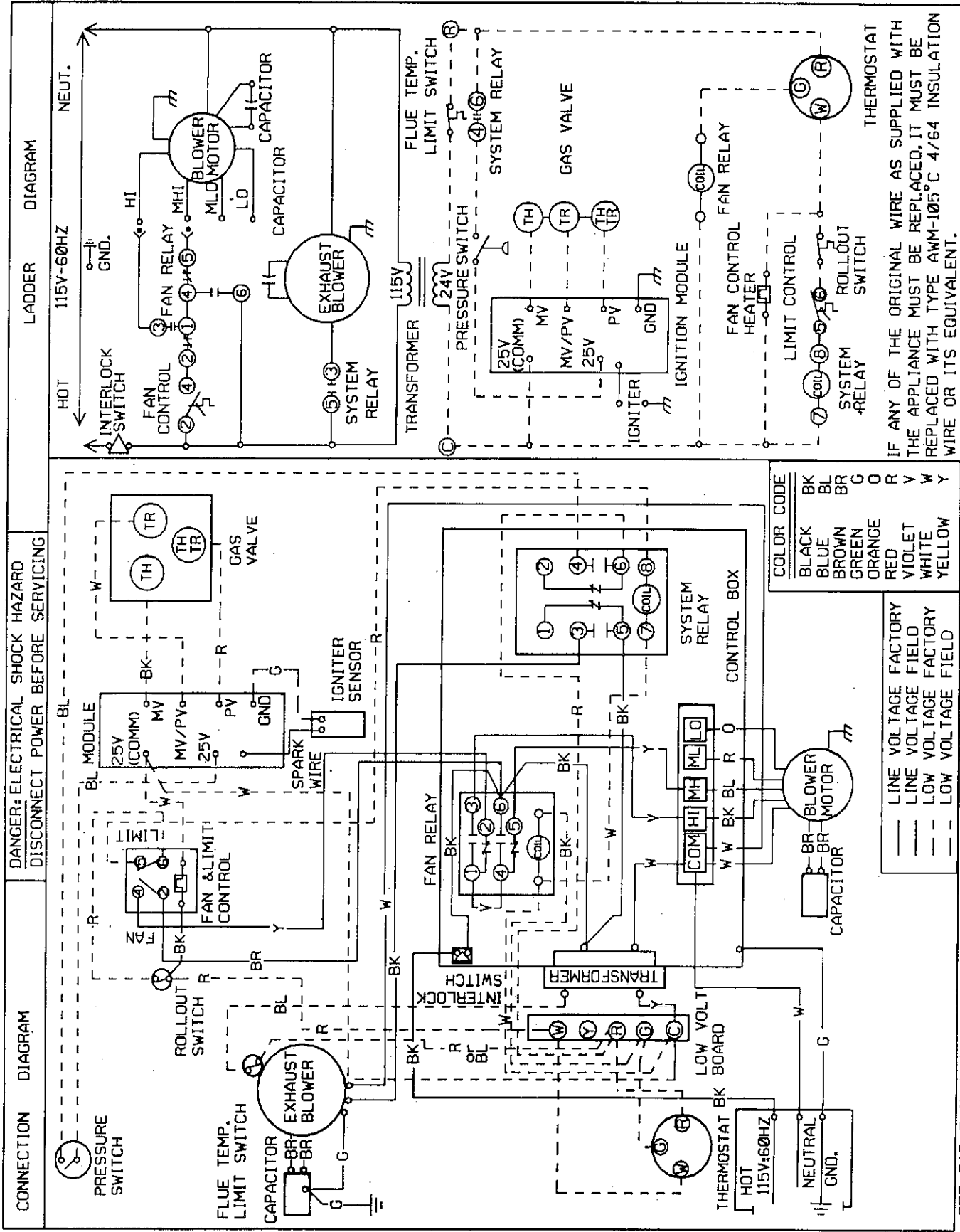


\* SEE TABLE IN MANUAL FOR C.F.M. VS. E.S.P. TO DETERMINE PROPER HEATING AND COOLING SPEED CONNECTIONS

1006025



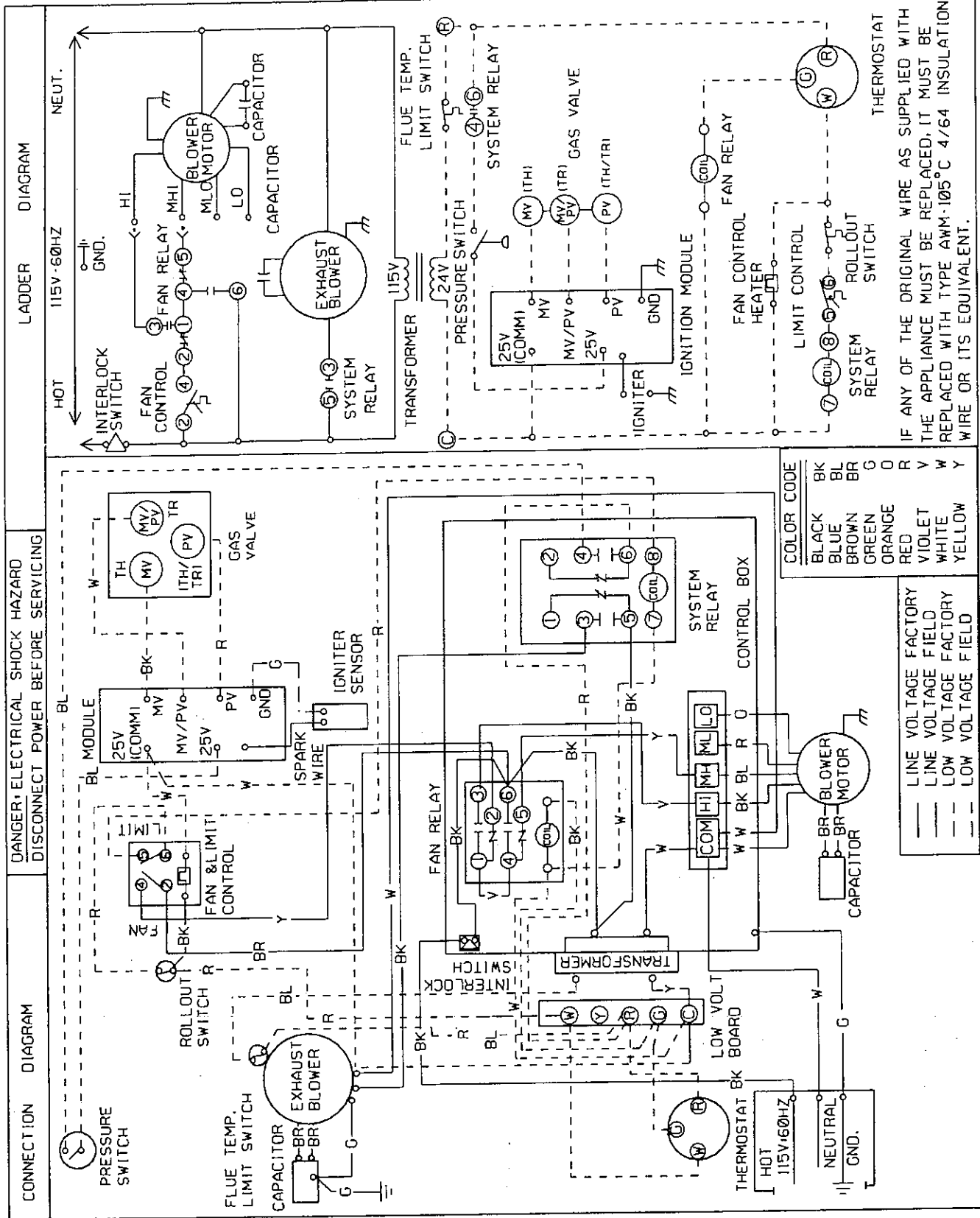
SEE TABLE IN MANUAL FOR C.F.M. VS. E.S.P. TO DETERMINE PROPER HEATING AND COOLING SPEED CONNECTIONS. 1006042-A



IF ANY OF THE ORIGINAL WIRE AS SUPPLIED WITH THE APPLIANCE MUST BE REPLACED, IT MUST BE REPLACED WITH TYPE AWM-105°C 4/64 INSULATION WIRE OR ITS EQUIVALENT.

• SEE TABLE IN MANUAL FOR C.F.M. VS. E.S.P. TO DETERMINE PROPER HEATING AND COOLING SPEED CONNECTIONS. 1002750 REV. 2





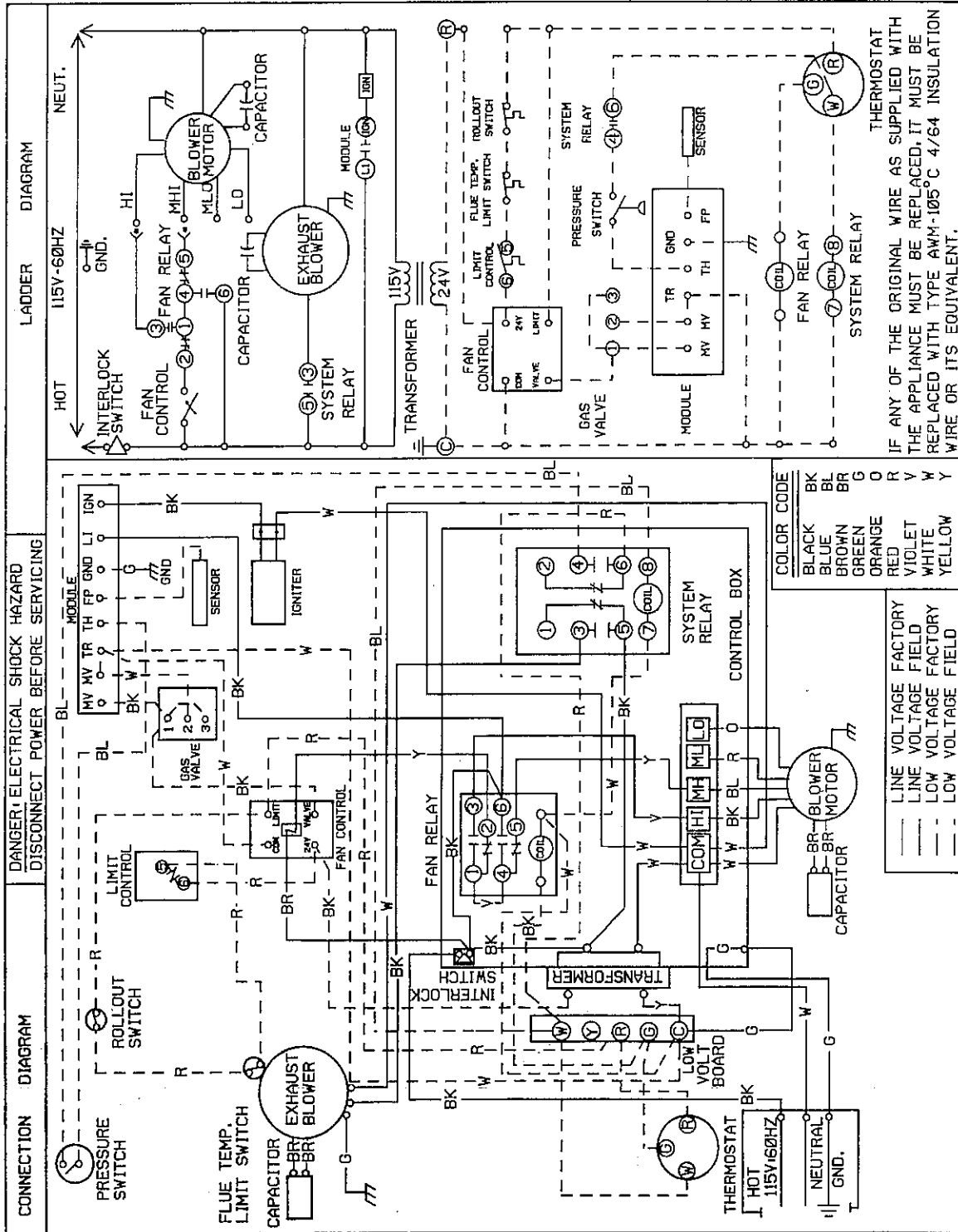
1005212

\* SEE TABLE ON PAGE 3 FOR C.F.M. VS. E.S.P. TO DETERMINE PROPER HEATING AND COOLING SPEED CONNECTIONS.

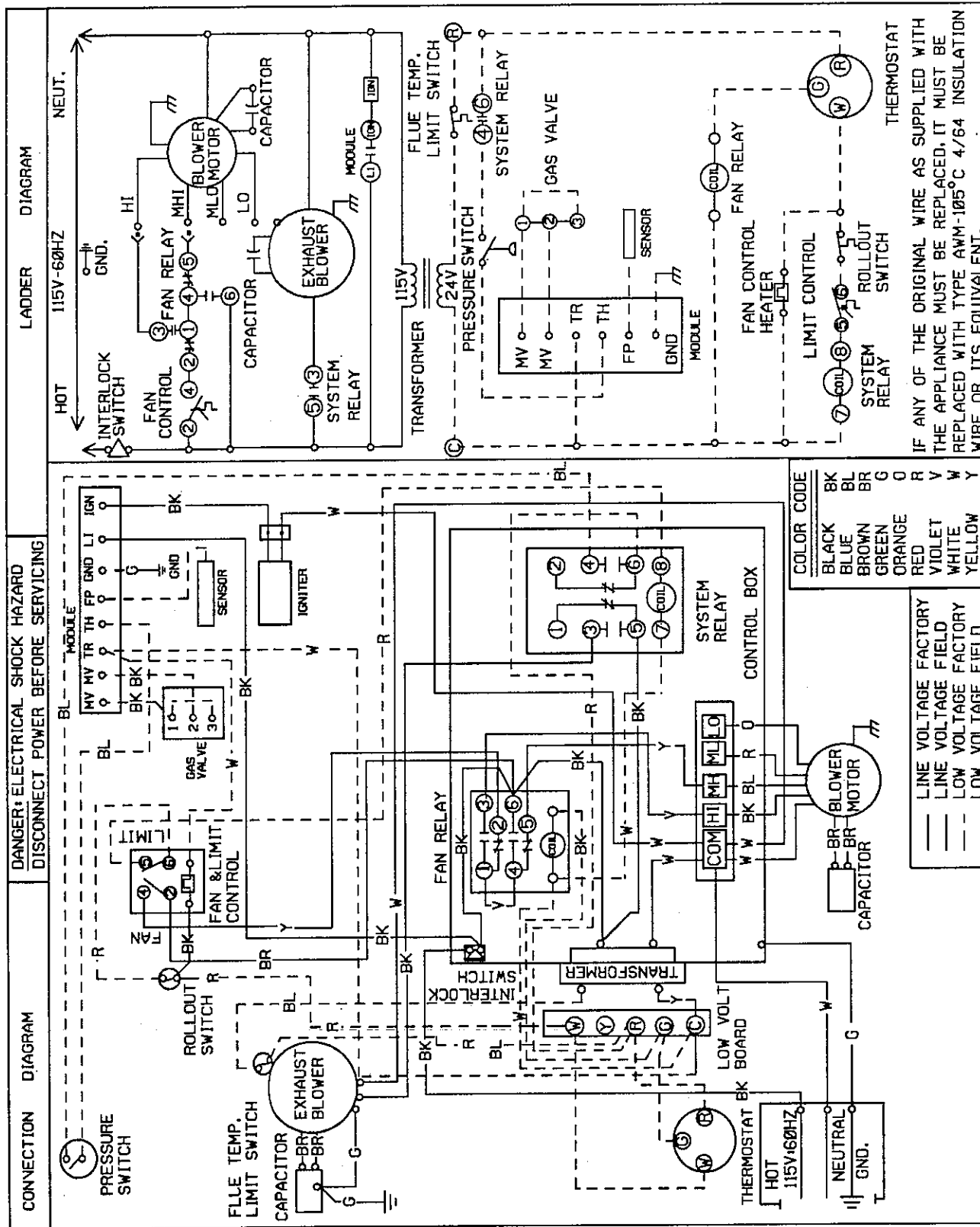
IF ANY OF THE ORIGINAL WIRE AS SUPPLIED WITH THE APPLIANCE MUST BE REPLACED, IT MUST BE REPLACED WITH TYPE AWM-105°C 4/64 INSULATION WIRE OR ITS EQUIVALENT.





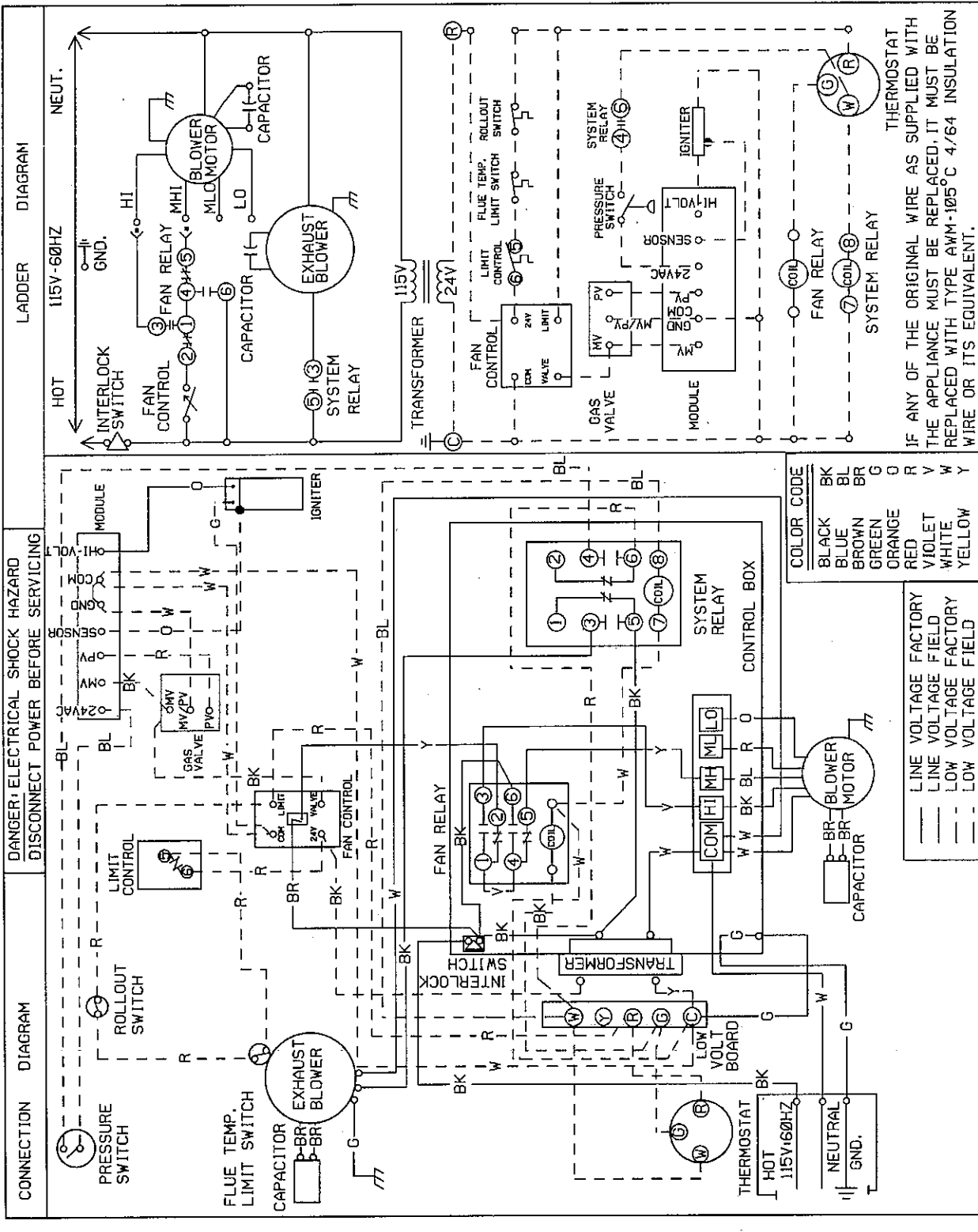


1005169



IF ANY OF THE ORIGINAL WIRE AS SUPPLIED WITH THE APPLIANCE MUST BE REPLACED, IT MUST BE REPLACED WITH TYPE AWG-105°C 4/64 INSULATION WIRE OR ITS EQUIVALENT.

SEE TABLE IN MANUAL FOR C.F.M. VS. E.S.P. TO DETERMINE PROPER HEATING AND COOLING SPEED CONNECTIONS. 1003888



IF ANY OF THE ORIGINAL WIRE AS SUPPLIED WITH THE APPLIANCE MUST BE REPLACED, IT MUST BE REPLACED WITH TYPE AWG-105°C 4/64 INSULATION WIRE OR ITS EQUIVALENT.

\* SEE TABLE IN MANUAL FOR C.F.M. VS. E.S.P. TO DETERMINE PROPER HEATING AND COOLING SPEED CONNECTIONS. 1006043-B

# INDEX TECHNICAL SUPPORT MANUALS

Manual Part Number 1005147

## Natural Gas Models Upflow

NUGK040KF03	867.769452
NUGK050MF03	867.769412
NUGK050NF03	867.769462
NUGK075DG03	867.769422
NUGK075DG04	867.769423
NUGK075KG03	867.769472
NUGK100DH03	876.769432
NUGK100DH04	876.769433
NUGK100DH05	876.769434
NUGK100KH03	867.769482
NUGK100KH04	867.769483
NUGK100KH05	867.769484
NUGK125DK03	867.769442
NUGK125KK03	867.769492

## LP Models Upflow

NULK050MF03	867.779412
NULK075DG03	867.779422
NULK075DG04	867.779423
NULK100DH03	867.779432
NULK100DH04	867.779433
NULK100DH05	867.779434
NULK125DK03	867.779442

# INDEX TECHNICAL SUPPORT MANUALS

Manual Part Number 1005218

## Natural Gas Models Upflow

NUGK040KF04	867.769453
NUGK040KF05	867.769454
NUGK050MF04	867.769465
NUGK050MF05	867.769426
NUGK050NF04	867.769475
NUGK050NF05	867.769437
NUGK075DG05	867.769487
NUGK075DG06	867.769445
NUGK075KG04	867.769495
NUGK075KG05	867.769474
NUGK100DH06	867.769435
NUGK100DH07	867.769436
NUGK100KH06	867.769485
NUGK100KH07	867.769486
NUGK125DK04	867.769443
NUGK125DK05	867.769444
NUGK125KK04	867.769493
NUGK125KK05	867.769494

## LP Models Upflow

NULK050MF03	867.779412
NULK050MF04	867.779413
NULK075DG03	867.779422
NULK075DG04	867.779423
NULK100DH03	867.779432
NULK100DH05	867.779434
NULK125DK03	867.779442
NULK125DK04	867.779443



# INDEX TECHNICAL SUPPORT MANUALS

Manual Part Number 1005997

## Natural Gas Models Upflow

NUGK040KF06	867.769455
NUGK050MF06	867.769415
NUGK050NF06	867.769465
NUGK075DG07	867.769426
NUGK075KG06	867.769475
NUGK100DH08	867.769437
NUGK100KH08	867.769487
NUGK125DK06	867.769445
NUGK125KK06	867.769495

## LP Models Upflow

NULK050MF05	867.779414
NULK075DG05	867.779424
NULK100DH06	867.779435
NULK125DK05	867.779444

Manual Part Number 1006034

## Natural Gas Models Upflow

NUGS050AF01	867.769050
NUGS075AG01	867.769060
NUGS100AH01	867.769070
NUGS125AK01	867.769080

## LP Models Upflow

NULS050AF01	867.779050
NULS075AG01	867.779060
NULS100AH01	867.779070
NULS125AK01	867.779080

# INDEX TECHNICAL SUPPORT MANUALS

Manual Part Number 1006412

## Natural Gas Models Upflow

NUGS050AF01	867.769050
NUGS075BG01	867.769061
NUGS100BH01	876.769071
NUGS125AK01	867.769080

## LP Models Upflow

NULS050AF01	867.779050
NULS075BG01	867.779061
NULS100BH01	867.779071
NULS125AK01	867.779080

Manual Part Number 1007200

## Natural Gas Models Upflow

NUGK040KF06	867.769455
NUGK050MF06	867.769415
NUGK050NF06	867.769465
NUGK075DG07	867.769426
NUGK075KG06	867.769475
NUGK100DH09	867.769438
NUGK100KH09	867.769488
NUGK125DK07	867.769446
NUGK125KK07	867.769496

## LP Models Upflow

NULK050MF05	867.779414
NULK075DG05	867.779424
NULK100DH06	867.779435
NULK125DK06	867.779445

Manual Part Number 1007213

## Natural Gas Models Upflow

NUGS050AF02	867.769051
NUGS075BG02	867.769062
NUGS100BH02	867.769072
NUGS125AK02	867.769081

## LP Models Upflow

NULS050AF02	867.779051
NULS075BG02	867.779062
NULS100BH02	867.779072
NULS125AK02	867.779081

# INDEX TECHNICAL SUPPORT MANUALS

Manual Part Number 1007516

## Natural Gas Models Upflow

NUGK040KF07  
NUGK050MF07  
NUGK050NF07  
NUGK075DG08  
NUGK075KG07  
NUGK100DH11  
NUGK100KH11  
NUGK125DK08  
NUGK125KK08

## LP Models Upflow

NULK050MF06  
NULK075DG06  
NULK100DH07  
NULK125DK07

Manual Part Number 1007567

## Natural Gas Models Upflow

NUGS050AF03  
NUGS075BG03  
NUGS100BH03  
NUGS125AK03

## LP Models Upflow

NULS050AF03  
NULS075BG03  
NULS100BH03  
NULS125AK03

# INDEX TECHNICAL SUPPORT MANUALS

## Manual Part Number 1004542

### Natural Gas Models Counterflow

NDGK040KF03	.....	867.769502
NDGK050DF03	.....	867.769167
NDGK050KF03	.....	867.769512
NDGK075DF03	.....	867.769177
NDGK075KF03	.....	867.769522
NDGK100DG03	.....	867.769182
NDGK100KG03	.....	867.769532
NDGK125DK03	.....	867.769192
NDGK125KK03	.....	867.769542

### LP Models Counterflow

NDLK050DF03	.....	867.779512
NDLK075DF03	.....	867.779522
NDLK100DG03	.....	867.779532
NDLK125DK03	.....	867.779542

## Manual Part Number 1005332

### Natural Gas Models Counterflow

NDGK040KF04	.....	867.769503
NDGK050DF04	.....	867.769168
NDGK050KF04	.....	867.769513
NDGK075DF04	.....	867.769178
NDGK075KF04	.....	867.769523
NDGK100DG04	.....	867.769183
NDGK100KG04	.....	867.769533
NDGK125DK04	.....	867.769193
NDGK125KK04	.....	867.769543

### LP Models Counterflow

NDLK075DF04	.....	867.779513
NDLK075DF04	.....	867.779523
NDLK100DG04	.....	867.779533
NDLK125DK04	.....	867.779543

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## Manual Part Number 1005998

### Natural Gas Models Counterflow

NDGK040KF05	.....	867.769504
NDGK050DF05	.....	867.769169
NDGK050KF05	.....	867.769514
NDGK075DF05	.....	867.769179
NDGK075KF05	.....	867.769524
NDGK100DG05	.....	867.769184
NDGK100KG05	.....	867.769534
NDGK125DK04	.....	867.769193
NDGK125KK04	.....	867.769543

### LP Models Counterflow

NDLK050DF05	.....	867.779514
NDLK075DF05	.....	867.779524
NDLK100DG05	.....	867.779534
NDLK125DK04	.....	867.779543

## Manual Part Number 1006984

### Natural Gas Models Counterflow

NDGK040KF05	.....	867.769504
NDGK050DF05	.....	867.769169
NDGK050KF05	.....	867.769514
NDGK075DF05	.....	867.769179
NDGK075KF05	.....	867.769524
NDGK100DG05	.....	867.769184
NDGK100KG05	.....	867.769534
NDGK125DK04	.....	867.769193
NDGK125KK04	.....	867.769543

### LP Models Counterflow

NDLK050DF05	.....	867.779514
NDLK075DF05	.....	867.779524
NDLK100DG05	.....	867.779534
NDLK125DK04	.....	867.779543

# INDEX TECHNICAL SUPPORT MANUALS

## Manual Part Number 1007190

### Natural Gas Models Counterflow

NDGK040KF05	.....	867.769504
NDGK050DF05	.....	867.769169
NDGK050KF05	.....	867.769514
NDGK075DF06	.....	867.769670
NDGK075KF06	.....	867.769525
NDGK100DG05	.....	867.769184
NDGK100KG05	.....	867.769534
NDGK125DK04	.....	867.769193
NDGK125KK04	.....	867.769543

### LP Models Counterflow

NDLK050DF05	.....	867.779514
NDLK075DF06	.....	867.779525
NDLK100DG05	.....	867.779534
NDLK125DK04	.....	867.779543

## Manual Part Number 1007542

### Natural Gas Models Counterflow

NDGK040KF06  
NDGK050DF06  
NDGK050KF06  
NDGK075DF07  
NDGK075KF07  
NDGK100DG07  
NDGK100KG06  
NDGK125DK05  
NDGK125KK05

### LP Models Counterflow

NDLK050DF06  
NDLK075DF07  
NDLK100DG07  
NDLK125DK05