

**UNIVERSAL
PARTS**

**R/R RELIABLE
REPLACEMENTS**

Fort Smith Arkansas 72906-6444

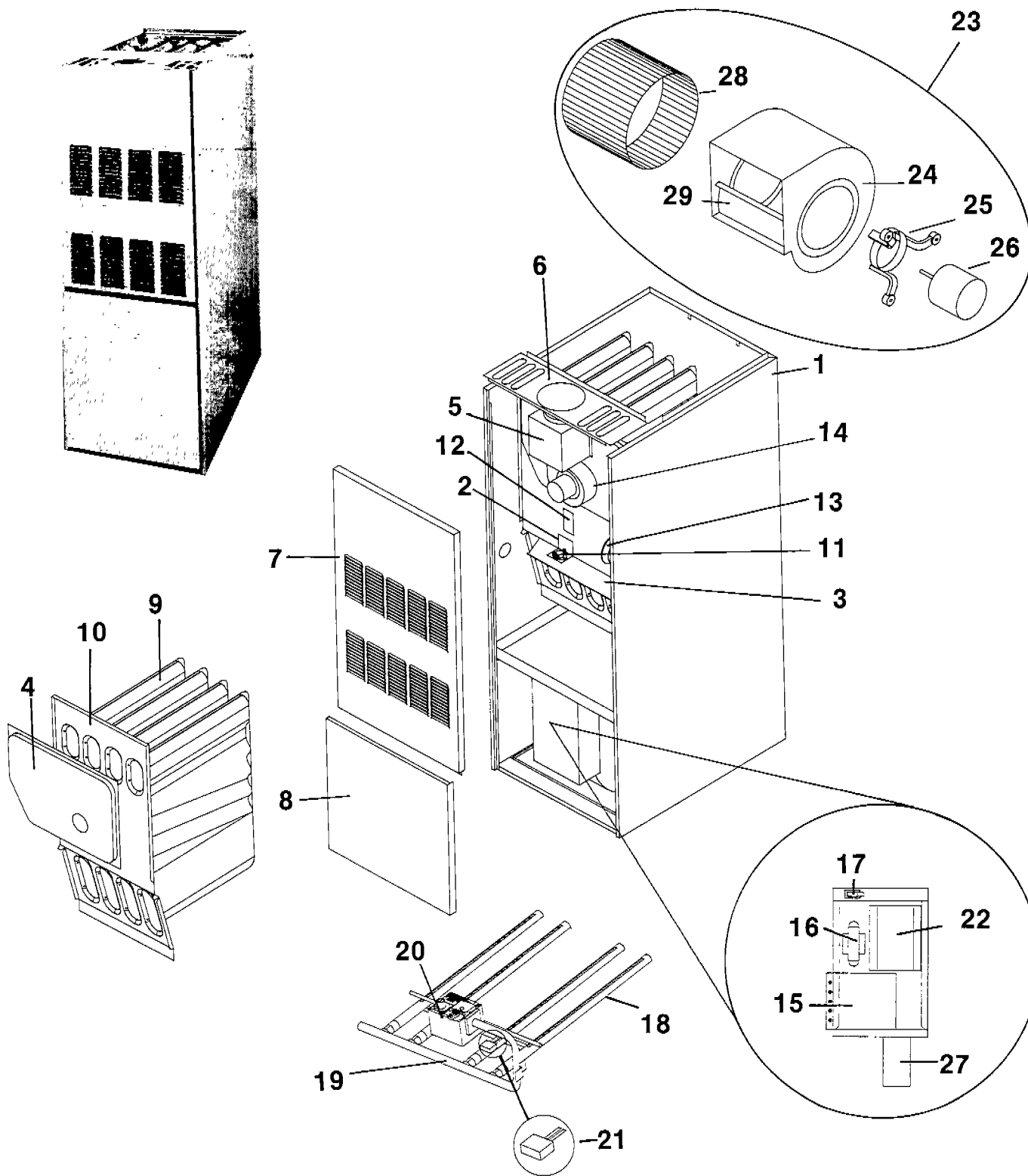
REPLACEMENT PARTS LIST

MODEL [-]GDE UPFLOW FURNACE

SIZES 04E THRU 14E

04N THRU 14N

SERIES E



FIRST PRODUCTION 5/89 PS
THIS REVISION 8/90 PS

92-21650-30-01
SUPERSEDES 92-21650-30-00



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REPLACEMENT PARTS LIST

EXPLANATION OF MODEL NUMBER

MODEL NUMBER

TYPE

[-] G D E - 0 6 E L A

E S

AIR FLOW RANGE

A = HEATING ONLY
B = 500-750 CFM
C = 760-930 CFM
D = 940-1050 CFM
E = 1100-1330 CFM
F = 1200-1450 CFM
G = 1450-1750 CFM
J = 1800-2075 CFM

FUEL

B = CANADIAN IMPERIAL
FURNACE, NATURAL
GAS
R = U.S. STD FURNACE,
NATURAL GAS
S = U.S. IMPERIAL
FURNACE, NATURAL
GAS

BLOWER DESIGNATION

H = 9x 7
L = 10x 7
Q = 10x10
M = 11x 7
R = 11x10

E - ELECTRIC IGNITION
N - NOx (CALIFORNIA ONLY)

HEATING INPUT DESIGNATION

U.S. & CANADIAN MODELS	INPUT BTU/HR
04	45,000
06	60,000
07	75,000
10	100,000
12	120,000
14	140,000

DESIGN SERIES

UPFLOW

G = GAS FURNACE

MODEL DESIGNATION

R, U

VARIATIONS: A - MODELS CAN BE COMMON VENTED
AND USE TYPE B VENT MATERIALS
WHEN CONNECTED TO A GRAVITY
(VERTICAL) VENT SYSTEM.

MODELS CAN BE VENTED
HORIZONTALLY OR VERTICALLY
WITH A SPECIAL SEALED VENTING
SYSTEM (S.V.S.) MADE FROM GE'S
ULTEM HIGH TEMPERATURE
PLASTIC. THE INSTALLATION MUST
BE IN ACCORDANCE WITH THE
VENTING INSTRUCTIONS SUPPLIED
WITH THE FURNACE.

AIR CONDITIONING DIVISION PARTS CENTER LOCATIONS

P. O. Box 6444

Fort Smith, Arkansas 72906-6444

501-646-4311

Roberson Mill Road
Milledgeville, Georgia 31061

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MODEL [-]GDE UPFLOW FURNACE

SIZES 04E THRU 14E 04N THRU 14N

SERIES E

Item No.	Part Description	Notes	[-]GDE					
			04	06	07	10	12	14
PANELS & S/M PARTS								
1	Jacket Assembly	☞	AS-61226-13	AS-61226-13	AS-61226-14	AS-61226-15	AS-61226-16	AS-61226-16
2	Mounting Brkt-Overtemp Switch	☞	AE-61361-01	AE-61361-01	AE-61361-01	AE-61361-01	AE-61361-01	AE-61361-01
3	Burner Door/Shield	☞	AE-61184-03	AE-61184-03	AE-61184-03	AE-61184-07	AE-61184-04	AE-61184-05
4	Collector Box Assy	☞	AS-61309-01	AS-61309-11	AS-61309-03	AS-61309-04	AS-61309-05	AS-61309-16
	Collector Box	☞	AE-61310-01	AE-61310-11	AE-61310-03	AE-61310-04	AE-61310-05	AE-61310-16
	Collector Gasket	☞	AE-60969-05	AE-60969-05	AE-60969-06	AE-60969-02	AE-60969-07	AE-60969-07
5	Vent Box Assembly	☞	AS-61492-01	AS-61492-01	AS-61492-02	AS-61492-02	AS-61492-02	AS-61492-02
6	Top Plate	☞	AS-61285-01	AS-61285-01	AE-66804-02	AE-66804-03	AE-66804-04	AS-66804-01
7	Front Door	☞	AE-63610-01	AE-63610-01	AE-63610-02	AE-63610-03	AE-63610-04	AE-63610-04
8	Blower Door							
	R-Fuel Type Code	☞	AS-63614-01	AS-63614-01	AS-63614-02	AS-63614-03	AS-63614-04	AS-63614-04
	S & B-Fuel Type Code	☞	AS-63615-01	AS-63615-01	AS-63615-02	AS-63615-03	AS-63615-04	AS-63615-04
HEAT EXCHANGER GROUP								
9	Heat Cell-Aluminized	☞	AS-61164-03	AS-61164-03	AS-61164-03	AS-61164-03	AS-61164-03	AS-61164-03
			Qty. 2	Qty. 3	Qty. 3	Qty. 4	Qty. 5	Qty. 6
10	Center Panel-Insulated	☞	AS-61276-01	AS-61276-02	AS-61277-01	AS-61278-01	AS-61279-01	AS-61251-07
ELECTRIC GROUP								
11	Overtemperature Switch	☑	47-22383-12	47-22383-12	47-22383-12	47-22383-12	47-22383-12	47-22383-12
12	Limit Control	☑	47-21711-11	47-21711-11	47-21711-08		47-21711-07	47-21711-11
12	Limit Control-10EQ Model	☐				47-21711-07		
12	Limit Control-10ER Model	☑				47-21711-13		
13	Pressure Switch	☐	42-21582-09	42-21582-09	42-21582-09	42-21582-11	42-21582-11	42-21582-11
14	Induced Draft Blower w/Gasket	☐✓	70-21504-83	70-21504-83	70-21504-83	70-21504-83	70-21504-83	70-21504-83
	Induced Draft Blower Gasket	☞	AE-60969-04	AE-60969-04	AE-60969-04	AE-60969-04	AE-60969-04	AE-60969-04
15	Fan Control Board - Essex #695-211	☑△	47-22445-01	47-22445-01	47-22445-01	47-22445-01	47-22445-01	47-22445-01
15	Fan Control Board - RS EBC-3	☑↑	47-22577-01	47-22577-01	47-22577-01	47-22577-01	47-22577-01	47-22577-01
16	Transformer	☐✓	46-18788-83	46-18788-83	46-18788-83	46-18788-83	46-18788-83	46-18788-83
17	Door Switch	☑✓	42-21268-84	42-21268-84	42-21268-84	42-21268-84	42-21268-84	42-21268-84
MISCELLANEOUS								
▲	Filter, 14x25x1, Permanent	1	54-19655-18	54-19655-18				
▲	Filter, 16x25x1, Permanent	1			54-19655-06			
▲	Filter, 20x25x1, Permanent	1				54-19655-07		
▲	Filter, 24x25x1, Permanent	1					54-19655-19	54-19655-19
▲	Filter Retainer Rod	☞	AE-60749-07	AE-60749-07	AE-60749-07	AE-60749-07	AE-60749-07	AE-60749-07



**RELIABLE
REPLACEMENTS**

Fort Smith, Arkansas 72906-6444

REPLACEMENT PARTS LIST

MODEL [-]GDE UPFLOW FURNACE

SIZES 04E THRU 14E 04N THRU 14N

SERIES E

Item No.	Part Description	Notes	[-]GDE 04	[-]GDE 06	[-]GDE 07	[-]GDE 10	[-]GDE 12	[-]GDE 14
	STANDARD BURNERS & MANIFOLD GROUP							
18	Burners-Replacements Are SS	✓	AS-61497-01	AS-61497-02	AS-61497-02	AS-61497-03	AS-61497-04	AS-61496-05
19	Manifold less Orifices	✓	AS-61155-07	AS-61155-02	AS-61155-08	AS-61155-09	AS-61155-10	AS-61155-05
▲	Burner Hold Down Bracket	✓	AE-61259-01	AE-61259-01	AE-61259-01	AE-61259-01	AE-61259-01	AE-61259-01
	SPECIAL BURNERS FOR NOx MODELS							
18	Burners (NOx) W/Rods & Clips	✓	AS-63623-11	AS-63623-12	AS-63623-12	AS-63623-13	AS-63623-14	AS-63623-15
	GAS CONTROLS HOT SURFACE IGNITION							
	ROBERTSHAW S/N CODE AG							
20	Gas Control RS 7200DER, Nat.	△	60-22525-04	60-22525-04	60-22525-04	60-22525-04	60-22525-04	60-22525-04
	ROBERTSHAW S/N CODE AJ							
20	Gas Control RS 7100DER, Nat.	†	60-22457-02	60-22457-02	60-22457-02	60-22457-02	60-22457-02	60-22457-02
21	Ignitor-Norton HS 27", Nat. & LP (Propane)	□	62-22441-01	62-22441-01	62-22441-01	62-22441-01	62-22441-01	62-22441-01
22	Ignition Control HS780	★	62-22578-01	62-22578-01	62-22578-01	62-22578-01	62-22578-01	62-22578-01
▲	Ignitor Bracket	✓	AE-66925-02	AE-66925-02	AE-66925-02	AE-66925-02	AE-66925-02	AE-66925-02
▲	Ignitor Shield	✓	AE-61627-01	AE-61627-01	AE-61627-01	AE-61627-01	AE-61627-01	AE-61627-01
▲	Burner Orifice-Natural U.S. and Canadian Models	□	62-22175-44 Qty. 2	62-22175-45 Qty. 3	62-22175-42 Qty. 3	62-22175-42 Qty. 4	62-22175-43 Qty. 5	62-22175-43 Qty. 6
	U.S. MODELS ONLY							
▲	LP Conversion Kit	★	[EP-42R]	[EP-42R]	[EP-42R]	[EP-42R]	[EP-42R]	[EP-42R]
20	Gas Control for LP Gas, Use RS 7200DER, Nat. and	2,3	60-22525-04	60-22525-04	60-22525-04	60-22525-04	60-22525-04	60-22525-04
▲	Spring Conversion Assy	3	60-18759-06	60-18759-06	60-18759-06	60-18759-06	60-18759-06	60-18759-06
▲	Burner Orifice, LP	3	62-22175-54 Qty. 2	62-22175-55 Qty. 3	62-22175-54 Qty. 3	62-22157-54 Qty. 4	62-22175-54 Qty. 5	62-22175-54 Qty. 6
	CANADIAN MODELS ONLY (CGA)							
	Propane Conversion Kit							
▲	0-4500' Elevation	★	[EP-40R]	[EP-40R]	[EP-40R]	[EP-40R]	[EP-40R]	[EP-40R]
20	Gas Control for Propane Gas, Use RS 7200 DER, Nat. and	2,3	60-22525-04	60-22525-04	60-22525-04	60-22525-04	60-22525-04	60-22525-04
▲	Spring Conversion Assy	3	60-18759-06	60-18759-06	60-18759-06	60-18759-06	60-18759-06	60-18759-06
▲	Burner Orifice, Propane 0-2000' Elevation	3	62-22175-54 Qty. 2	62-22175-55 Qty. 3	62-22175-54 Qty. 3	62-22175-54 Qty. 4	62-22175-54 Qty. 5	62-22175-54 Qty. 6
	2000'-4500' Elevation	3	62-22175-55 Qty. 2	62-22175-13 Qty. 3	62-22175-55 Qty. 3	62-22175-55 Qty. 4	62-22175-55 Qty. 5	62-22175-55 Qty. 6



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MODEL [-]GDE UPFLOW FURNACE

SIZES 04E THRU 14E 04N THRU 14N

SERIES E

Item No.	Part Description	Notes	[-]GDE 04EH	[-]GDE 06EL	[-]GDE 07EL	[-]GDE 07EM		
	BLOWER GROUP							
23	Blower Assy W/Motor	☺	AS-61435-09	AS-61435-15	AS-61435-10	AS-61435-12		
24	Blower Housing	☺	AS-61227-01	AS-61253-01	AS-61253-01	AS-61255-01		
25	Motor Mounting Bracket	☺		AS-53148-03	AS-53148-03	AS-53148-01		
▲	Cup Mounting W/Grommets	☺	AS-65672-02					
26	Motor 1/6 HP, 115V, 3 spd	★/✓	51-22649-11					
26	Motor 1/3 HP, 115V, 4 spd	★/✓ 5		51-20814-11	51-20814-11			
26	Motor 3/4 HP, 115V, 4 spd	★/✓				51-18716-11		
27	Capacitor 7.5/370	□ 6	DNA	43-20847-10	43-20847-10			
27	Capacitor 12.5/370	□				43-20847-38		
28	Blower Wheel 9x7x1/2, CW	□	70-18631-01					
28	Blower Wheel 10x7x1/2, CW	□		70-18633-01	70-18633-01			
28	Blower Wheel 11x7x1/2, CW	□/✓				70-21476-01		
29	Cut-off	☺	AE-64401-10	AE-64401-07	AE-64401-07	AE-64401-22		
Item No.	Part Description	Notes	[-]GDE 10EQ	[-]GDE 10ER	[-]GDE 12ER	[-]GDE 14ER		
	BLOWER GROUP							
23	Blower Assy W/Motor	☺	AS-61435-13	AS-61435-14	AS-61435-14	AS-61435-14		
24	Blower Housing	☺	AS-61213-01	AS-61369-01	AS-61369-01	AS-61369-01		
25	Motor Mounting Bracket	☺	AS-53148-02	AS-53148-01	AS-53148-01	AS-53148-01		
26	Motor 1/2 HP, 115V, 4 spd	★/✓	51-18828-11					
26	Motor 3/4 HP, 115V, 4 spd	★/✓		51-18716-11	51-18716-11	51-18716-11		
27	Capacitor 7.5/370	□	43-20847-10					
27	Capacitor 12.5/370	□		43-20847-38	43-20847-38	43-20847-38		
28	Blower Wheel 10x10x1/2, CW	□/✓	70-18629-01					
28	Blower Wheel 11x10x1/2, CW	□		70-20602-01	70-20602-01	70-20602-01		
29	Cut-off	☺	AE-64401-05	AE-64401-18	AE-64401-18	AE-64401-18		



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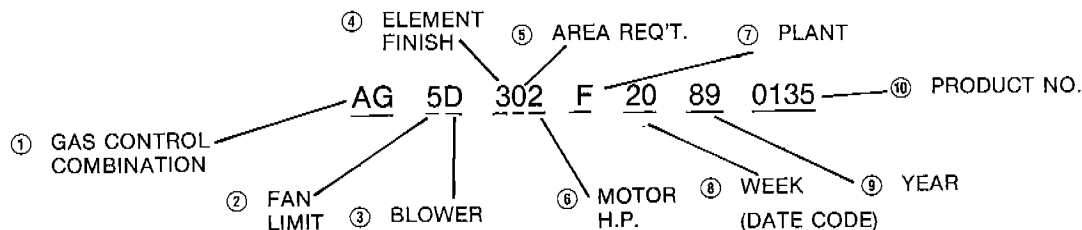
REPLACEMENT PARTS LIST

MODEL [-]GDE UPFLOW FURNACE

SIZES 04E THRU 14E 04N THRU 14N

SERIES E

EXAMPLE OF SERIAL NUMBER



① TYPE OF CONTROL USED ON UNIT:

AG) ROBERTSHAW 7200DER (SNAP OPENING)
W/ROBERTSHAW HS780 HSI
AJ) ROBERTSHAW 7100DER W/ROBERTSHAW HS780
HOT SURFACE IGNITION
NOTE: ALL CONTROL CODES INDICATE NATURAL
GAS UNLESS OTHERWISE SPECIFIED

② FAN & LIMIT CONTROL

- 1 — CAM-STAT
- 2 — CEMCO CTC-1K5, 1K8 & 1K11 FAN & LIMIT
COMBINATION
- 3 — HONEYWELL L4064 FAN & LIMIT
COMBINATION
- 4 — HONEYWELL L4064T (TIME-ON) FAN & LIMIT
COMBINATION
- 5 — T.O.D. LIMIT CONTROL
- 6 — HAMILTON STANDARD LIMIT CONTROL

③ BLOWER

D — DIRECT DRIVE

④ HEATING ELEMENT

- 1 — STANDARD C.R.S.
- 2 — PORCELAINIZED
- 3 — ALUMINIZED

⑤ SPECIAL AREA REQUIREMENTS

O — NO AREA REQUIREMENT

⑥ MOTOR HORSEPOWER

- 1 — 1 HP MOTOR
- 2 — ½ HP MOTOR
- 3 — ¾ HP MOTOR
- 4 — ¼ HP MOTOR
- 5 — ⅓ HP MOTOR
- 6 — ⅔ HP MOTOR
- 7 — ¾ HP MOTOR
- 8 — ⅓ HP MOTOR
- 10 — ⅓ HP MOTOR
- 12 — ⅓ HP MOTOR
- 26 — ½ - ⅓ HP MOTOR
- 39 — ⅓ - ⅓ or ⅓ - ⅓ HP MOTOR
- 74 — ¾ - ¼ HP MOTOR

⑦ PLANT

F — FORT SMITH
M — MILLEDGEVILLE

⑧ WEEK

⑨ YEAR

(Last 2 digits for I.E. '89)

⑩ PRODUCT NUMBER STARTS WITH 0001 & RUNS
THROUGH 9999 & THEN STARTS WITH 0001 AGAIN.

WHEN A PARTICULAR COLOR IS REQUIRED IT MUST BE SPECIFIED WHEN ORDERING.

☒ SPECIAL INFORMATION. PLEASE READ CAREFULLY AND FOLLOW APPLICABLE NOTES.

☐ THESE PARTS SHOULD BE STOCKED IN THE FIELD.

☒ THIS IS A NEW REPLACEMENT PART AND SHOULD BE STOCKED IN THE FIELD.

△ PRIMARY PART USED IN PRODUCTION.

† ALTERNATE PART USED IN PRODUCTION.

⚙ COILS, PANELS AND OTHER MANUFACTURED PARTS ARE AVAILABLE WHILE UNIT IS IN PRODUCTION.
AFTER UNIT IS OUT OF PRODUCTION, ORDERING SUCH PARTS MUST BE CLEARED WITH THE PARTS
DEPARTMENT AS PRICE AND AVAILABILITY WILL VARY.

✓ THE REPLACEMENT PART IS EQUAL TO OR BETTER THAN THE ORIGINAL EQUIPMENT PART.

▲ PARTS NOT SHOWN ON PICTORIAL PAGE.

1 THIS IS A "HARDWARE STORE" ITEM AND PART NUMBER INFORMATION IS PROVIDED FOR REFERENCE
ONLY.

2 THIS PART IS A NATURAL GAS VALVE WHICH MUST BE CONVERTED TO LP (Propane) GAS BY USING THE
REGULATOR SPRING ASSEMBLY LISTED BELOW THE GAS CONTROL.

3 THESE PARTS ARE TO BE USED ONLY AS REPAIR KITS FOR UNITS WHICH HAVE BEEN CONVERTED TO
LP (Propane) GAS BY THE APPROPRIATE CONVERSION KIT.

4 USE CAUTION WHEN ORDERING, THE FAN CONTROL BOARDS ARE **NOT** INTERCHANGEABLE.

5 WHEN REPLACING THE ORIGINAL [-]GDE-07EL MOTOR, THE CAPACITOR WILL ALSO NEED TO BE
REPLACED. THE ORIGINAL CAPACITOR IS 5/370 AND THE REPLACEMENT SHOULD BE 7.5/370.

6 ORIGINAL CAPACITOR IS 5/370, IF REPLACING THE CAPACITOR ONLY USE 43-20847-03.