HEAT CONTROLLER, INC.

REPLACEMENT PARTS LIST

UPFLOW GAS FURNACES | **GMUA SERIES** | **SIZES 50 THRU 150**



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NOTE EXPLANATION

When A <u>Particular Color</u> Is Required It Must Be Specified When Ordering.

▸	Special Information, Please read carefully and follow applicable notes.
--	This part is not shown on the pictorial page.
Alt	Alternate part available in manufacturing this model.
CR	This replacement part is equal to or better than the original equipment part and should be stocked in the field.
NEW	This is a new replacement part and should be stocked in the field.
PHONE	Coils, panels and other manufactured parts are available while this unit is in production. After this unit is out of production, ordering such parts must be cleared with the Parts Department as price and availability will vary. When a particular color is required, it must be specified when ordering.
STOCK (STK)	This part should be stocked in the field.
1	These are special screws for shell mounted motors. DO NOT SUBSTITUTE.
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 parts for units which have been converted to LP(Propane) gas by the appropriate conversion kit.

Specifications and performance data subject to change without notice.

HEAT CONTROLLER, INC.

1900 WELLWORTH AVENUE • JACKSON, MICHIGAN 49203

THE QUALITY LEADER IN CONDITIONING AIR

SERIAL NUMBER EXPLANATION

EB 5D 707 F 31 95 0000
(1) (2,3) (4,5,6) (7) (8) (9) (10)

(1) Type Of Control Used On Unit:
EB) Honeywell 8205H W/UTEC 1012-925
EC) White Rodgers 36E37-214/UTEC 1012-920
QAE-78
EH) Honeywell 8205H W/Johnson G961DAJ-2401
EJ) Honeywell 8205H W/UTEC 1028-927
EK) White Rodgers 36E37-214 W/ Johnson G961DAJ-2401
EL) White Rodgers 36E37-214 W/ UTEC 1028-927

(2) Limit Control:
1 - Watsco Limit Control
5 - T.O.D. Limit Control

(3) Blower:
D - Direct Drive

(4) Heating Element:
7 - Stainless Steel

(5) Special Area Requirement:
0 - No Area Requirement

(6) Motor Horsepower:
2 - 1/2 HP Motor
7 - 3/4 HP Motor

(7) Plant:
F - Fort Smith, AR

(8) Week

(9) Year

(10) Production Number:
Starts with 0001 & runs through 9999 & then starts with 0001 again.

NO	MODEL GMUA	Note	GMUA 50-E3N	GMUA 75-E4N	GMUA 75-E3N	GMUA 100-E3N	GMUA 100-E5N	GMUA 125-E5N	GMUA 150-E5N
	PANELS S/M PARTS								
	TRADENAME: E, F, G								
	Before Or On Date Code F2996								
1	Jacket - *platinum*	Phone	AS-61690-06	AS-61690-07	AS-61690-08	AS-61690-07	AS-61690-09	DNA	DNA
2	Top Plate - *platinum*	Phone	AE-61657-01	AE-61657-02	AE-61657-02	AE-61657-02	AE-61657-03	DNA	DNA
3	Blower Door - *green*	Phone	AE-61679-01	AE-61680-01	AE-61680-01	AE-61680-01	AE-61681-01	DNA	DNA
4	Control Compartment Door Without Plug Buttons - *green*	Phone	AE-61675-01	AE-61676-01	AE-61676-01	AE-61676-01	AE-61677-01	DNA	DNA
--	Plug Buttons (2 required)	Phone	45-22980-01	45-22980-01	45-22980-01	45-22980-01	45-22980-01	DNA	DNA
	After Date Code F2996								
1	Jacket - *textured galvanized*	Phone	AS-61690-12	AS-61690-13	AS-61690-14	AS-61690-13	AS-61690-15	DNA	DNA
2	Top Plate-*textured galvanized*	Phone	AE-61657-05	AE-61657-06	AE-61657-06	AE-61657-06	AE-61657-07	DNA	DNA
3	Blower Door-*text. galvanized*	Phone	AE-61679-04	AE-61680-04	AE-61680-04	AE-61680-04	AE-61681-04	DNA	DNA
4	Control Compartment Door W/O Plug Buttons-*text.galvanized*	Phone	AE-61675-04	AE-61676-04	AE-61676-04	AE-61676-04	AE-61677-04	DNA	DNA
--	Plug Buttons (2 required)	Phone	45-22980-01	45-22980-01	45-22980-01	45-22980-01	45-22980-01	DNA	DNA
	TRADENAME: H								
	Before Date Code F2796								
1	Jacket - *platinum*	Phone	AS-61690-06	AS-61690-07	AS-61690-08	AS-61690-07	AS-61690-09	AS-61690-10	AS-61690-10
2	Top Plate - *platinum*	Phone	AE-61657-01	AE-61657-02	AE-61657-02	AE-61657-02	AE-61657-03	AE-61657-04	AE-61657-04
3	Blower Door - *griffin gray*	Phone	AE-61679-02	AE-61680-02	AE-61680-02	AE-61680-02	AE-61681-02	AE-61682-02	AE-61682-02
4	Control Compartment Door W/O Plug Buttons- *griffin gray*	Phone	AE-61675-02	AE-61676-02	AE-61676-02	AE-61676-02	AE-61677-02	AE-61678-02	AE-61678-02
--	Plug Buttons (2 required)	Phone	45-22980-01	45-22980-01	45-22980-01	45-22980-01	45-22980-01	45-22980-01	45-22980-01
	On Or After Date Code F2796								
1	Jacket - *platinum*	Phone	AS-61690-17	AS-61690-18	AS-61690-19	AS-61690-18	AS-61690-20	AS-61690-26	AS-61690-26
2	Top Plate - *platinum*	Phone	AE-61657-01	AE-61657-02	AE-61657-02	AE-61657-02	AE-61657-03	AE-61657-04	AE-61657-04
3	Blower Door - *griffin gray*	Phone	AE-61679-02	AE-61680-02	AE-61680-02	AE-61680-02	AE-61681-02	AE-61682-02	AE-61682-02
4	Control Compartment Door W/O Plug Buttons-*griffin gray*	Phone	AE-61675-02	AE-61676-02	AE-61676-02	AE-61676-02	AE-61677-02	AE-61678-02	AE-61678-02
--	Plug Buttons (2 required)	Phone	45-22980-01	45-22980-01	45-22980-01	45-22980-01	45-22980-01	45-22980-01	45-22980-01
	TRADENAME: J, R, U, W								
1	***Jacket:***								
	Before Date Code F2796 - With *Insulation In Blower Compartment- platinum*	Phone	AS-61690-06	AS-61690-07	AS-61690-08	AS-61690-07	AS-61690-09	AS-61690-10	AS-61690-10
	Between Date Code F2896 and Date Code F4496 - *W/O Insulation In Blower Compartment- platinum*	Phone	AS-61690-17	AS-61690-18	AS-61690-19	AS-61690-18	AS-61690-20	AS-61690-26	AS-61690-26
	After Date Code F4496 - *Textured Galvanized*	Phone	AS-61690-12	AS-61690-13	AS-61690-14	AS-61690-13	AS-61690-15	AS-61690-16	AS-61690-16
	Before Date Code F4596								
2	Top Plate - *platinum*	Phone	AE-61657-01	AE-61657-02	AE-61657-02	AE-61657-02	AE-61657-03	AE-61657-04	AE-61657-04
3	Blower Door - *green*	Phone	AE-61679-01	AE-61680-01	AE-61680-01	AE-61680-01	AE-61681-01	AE-61682-01	AE-61682-01
4	Control Compartment Door W/O Plug Buttons - *green*	Phone	AE-61675-01	AE-61676-01	AE-61676-01	AE-61676-01	AE-61677-01	AE-61678-01	AE-61678-01
--	Plug Buttons (2 required)	Phone	45-22980-01	45-22980-01	45-22980-01	45-22980-01	45-22980-01	45-22980-01	45-22980-01
	On Or After Date Code F4596								
2	Top Plate-*textured galvanized*	Phone	AE-61657-05	AE-61657-06	AE-61657-06	AE-61657-06	AE-61657-07	AE-61657-08	AE-61657-08
3	Blower Door - *platinum*	Phone	AE-61679-03	AE-61680-03	AE-61680-03	AE-61680-03	AE-61681-03	AE-61682-03	AE-61682-03
4	Control Compartment Door W/O Plug Buttons - *platinum*	Phone	AE-61675-03	AE-61676-03	AE-61676-03	AE-61676-03	AE-61677-03	AE-61678-03	AE-61678-03
--	Plug Buttons (2 required)	Phone	45-22980-01	45-22980-01	45-22980-01	45-22980-01	45-22980-01	45-22980-01	45-22980-01

NO	MODEL GMUA	Note	GMUA 50-E3N	GMUA 75-E4N	GMUA 75-E3N	GMUA 100-E3N	GMUA 100-E5N	GMUA 125-E5N	GMUA 150-E5N
	PANELS S/M PARTS- Continued								
5	CONTROL BOX-No Components	Stock	68-22857-01	68-22857-01	68-22857-01	68-22857-01	68-22857-01	68-22857-01	68-22857-01
	CONTROL BOX COVER:								
--	Serial Controls EB, EC	Phone	AE-61699-01	AE-61699-01	AE-61699-01	AE-61699-01	AE-61699-01	AE-61699-01	AE-61699-01
	Serial Controls(QAE-78) EH, EJ, EK, EL	Phone	AE-61699-22	AE-61699-22	AE-61699-22	AE-61699-22	AE-61699-22	AE-61699-22	AE-61699-22
	HEAT EXCHANGER								
6	HEAT EXCHANGER ASSEMBLY	Phone	AS-61579-01	AS-61579-02	AS-61579-02	AS-61579-07	AS-61579-04	AS-61579-05	AS-61579-06
	BURNER/MANIFOLD								
7	BURNER	Stock	75-22840-01 QTY 2	75-22840-01 QTY 3	75-22840-01 QTY 3	75-22840-01 QTY 4	75-22840-01 QTY 4	75-22840-01 QTY 5	75-22840-01 QTY 6
8	NOx BURNER INSERT	Phone	AS-61771-01 QTY 2	AS-61771-01 QTY 3	AS-61771-01 QTY 3	AS-61771-01 QTY 4	AS-61771-01 QTY 4	AS-61771-01 QTY 5	AS-61771-01 QTY 6
9	NOx BURNER RETAINER ROD	Phone	AE-61715-01	AE-61715-02	AE-61715-02	AE-61715-03	AE-61715-04	AE-61715-05	AE-61715-06
--	BURNER SUPPORT - (Holds The Burner Between The Burner Support Brackets)								
		Phone	AE-61577-01	AE-61577-02	AE-61577-02	AE-61577-03	AE-61577-03	AE-61577-04	AE-61577-05
10	BURNER SUPPORT BRACKET(2)	Phone	AE-61588-01	AE-61588-01	AE-61588-01	AE-61588-01	AE-61588-01	AE-61588-01	AE-61588-01
11	MANIFOLD WITHOUT ORIFICES	Phone	AS-61663-01	AS-61663-02	AS-61663-02	AS-61663-03	AS-61663-03	AS-61663-04	AS-61663-05
--	BURNER ORIFICE - Natural:								
	U.S. Models 0-7999' Elevation and Canadian Models 0-1999'Elev	Stock	62-21551-42 QTY 2	62-21551-42 QTY 3	62-21551-42 QTY 3	62-21551-42 QTY 4	62-21551-42 QTY 4	62-21551-42 QTY 5	62-21551-42 QTY 6
	U.S.8000'-10,000+' & Canadian Models 2000'-4500+' Elev.	Stock	62-21551-43 QTY 2	62-21551-43 QTY 3	62-21551-43 QTY 3	62-21551-43 QTY 4	62-21551-43 QTY 4	62-21551-43 QTY 5	62-21551-43 QTY 6
	MISCELLANEOUS								
--	SILICONE RUBBER TUBING-(From The Induced Draft Blower Motor To The Pressure Switch)								
		CR	79-21491-83	79-21491-83	79-21491-83	79-21491-83	79-21491-83	79-21491-83	79-21491-83

NO	MODEL GMUA	NOTE	GMUA 50-E3N	GMUA 75-E4N	GMUA 75-E3N	GMUA 100-E3N	GMUA 100-E5N	GMUA 125-E5N	GMUA 150-E5N
	ELECTRIC GROUP								
12	**CONTROL BOARDS:**								
	INTEGRATED IGNITION & BLOWER - Serial Control Codes:								
	EB,EC (UTEC 1012-952)	New	62-24268-01	62-24268-01	62-24268-01	62-24268-01	62-24268-01	62-24268-01	62-24268-01
	EH, EK(Johnson G961DAJ-2401) QAE -78	New	62-24136-01	62-24136-01	62-24136-01	62-24136-01	62-24136-01	62-24136-01	62-24136-01
	EJ, EL (UTEC 1028-927) QAE-78	New	62-24140-01	62-24140-01	62-24140-01	62-24140-01	62-24140-01	62-24140-01	62-24140-01
13	PRESSURE SWITCH	Stock	42-24064-02	42-24064-01	42-24064-01	42-24064-01	42-24064-01	42-24064-02	42-24064-02
14	DOOR SWITCH - Push Button	Stock	42-22692-01	42-22692-01	42-22692-01	42-22692-01	42-22692-01	42-22692-01	42-22692-01
15	MAIN LIMIT-Includes gasket	Stock	47-22679-03	47-22679-01	47-22679-02	47-22679-02	47-22679-02	47-22679-03	47-22679-03
16	OVERTEMP. SWITCH -Manual Reset Limit (On Center Panel)	Stock	47-22861-01	47-22861-01	47-22861-01	47-22861-01	47-22861-01	47-22861-01	47-22861-01
17	TRANSFORMER With Fuse:	Stock	46-22863-02	46-22863-02	46-22863-02	46-22863-02	46-22863-02	46-22863-02	46-22863-02
--	Transformer Fuse	Stock	46-22863-82	46-22863-82	46-22863-82	46-22863-82	46-22863-82	46-22863-82	46-22863-82
18	BLOWER MOTOR CAPACITOR		**SEE BLOWER GROUP FOR BLOWER MOTOR CAPACITOR**						
19	INDUCED DRAFT BLOWER MOTOR - With Gasket	New	70-24151-03	70-24151-03	70-24151-03	70-24151-03	70-24151-03	70-24151-03	70-24151-03

NO	MODEL GMUA	NOTE	GMUA 50-E3N	GMUA 75-E4N	GMUA 75-E3N	GMUA 100-E3N		GMUA 100-125-150-E5N	
	BLOWER GROUP								
20	BLOWER ASSEMBLY INCLUDES:	Phone	AS-61697-07	AS-61697-62	AS-61697-75	AS-61697-76		AS-61697-72	
21	Housing	Phone	AS-61674-01	AS-61674-02	AS-61674-01	AS-61674-02		AS-61674-03	
22	Motor Mounting Legs(4 Req)	Phone	AE-61698-02	AE-61698-02	AE-61698-02	AE-61698-02		AE-61698-02	
--	Motor Mtg Leg Screws (8 Req)	Stk.1	63-22338-03	63-22338-03	63-22338-03	63-22338-03		63-22338-03	
23	Motor:								
	1/2 HP, 115V, 4 Speed	CR	51-23012-41		51-23012-41	51-23012-41			
	1/2 HP, 115V, 3 Speed	Stock		51-24272-01					
	3/4 HP, 115V, 3 Speed	Stock						51-25327-01	
24	Wheel:								
	11x6, CW, 1/2" Bore	Stock	70-22683-01		70-22683-01				
	11x7, CW, 1/2" Bore	CR		70-21476-01		70-21476-01			
	11x10, CW, 1/2" Bore	Stock						70-20602-01	
18	Motor Capacitor:								
	7.5/370, Round	Stock	43-21298-42		43-21298-42	43-21298-42			
	15/370, Round	Stock		43-21298-45				43-21298-45	

NO	MODEL GMUA	NOTE	GMUA 50-E3N	GMUA 75-E4N	GMUA 75-E3N	GMUA 100-E3N	GMUA 100-E5N	GMUA 125-E5N	GMUA 150-E5N
	HONEYWELL GAS CONTROLS - SERIAL CONTROL CODES - EB, EH, EJ								
25	GAS VALVE- HW VR8205H8016, Natural	Stock	60-22866-01	60-22866-01	60-22866-01	60-22866-01	60-22866-01	60-22866-01	60-22866-01
26	IGNITOR:								
	Ignitor Kit (EB)	CR	62-22868-93	62-22868-93	68-22868-93	68-22868-93	62-22868-93	62-22868-93	62-22868-93
	Ignitor- Spark (EH,EJ-QAE-78)	New	62-24141-01	62-24141-01	62-24141-01	62-24141-01	62-24141-01	62-24141-01	62-24141-01
--	IGNITOR BRKT(EH,EJ - QAE-78)	New	AE-61967-01	AE-61967-01	AE-61967-01	AE-61967-01	AE-61967-01	AE-61967-01	AE-61967-01
--	FLAME SENSOR:								
	EB	Stock	62-23543-01	62-23543-01	62-23543-01	62-23543-01	62-23543-01	62-23543-01	62-23543-01
	EH, EJ (QAE-78)	New	62-23543-03	62-23543-03	62-23543-03	62-23543-03	62-23543-03	62-23543-03	62-23543-03
	LP / PROPANE GAS CONVERSION KITS:								
--	**U.S. MODELS**	Stock	FP01H-H	FP01H-H	FP01H-H	FP01H-H	FP01H-H	FP01H-H	FP01H-H
25 --	Gas Valve, For LP Gas, Use HW VR8205H8016, Natural And Spring Conversion Assembly	2, 3 3	60-22866-01 60-22513-01	60-22866-01 60-22513-01	60-22866-01 60-22513-01	60-22866-01 60-22513-01	60-22866-01 60-22513-01	60-22866-01 60-22513-01	60-22866-01 60-22513-01
--	Burner Orifice - LP	3	62-21551-54 QTY 2	62-21551-54 QTY 3	62-21551-54 QTY 3	62-21551-54 QTY 4	62-21551-54 QTY 4	62-21551-54 QTY 5	62-21551-54 QTY 6
	CANADIAN MODELS								
--	0-4500' ELEVATION	Stock	FP04H-H	FP04H-H	FP04H-H	FP04H-H	FP04H-H	FP04H-H	FP04H-H
25 --	Gas Valve, For Propane Gas, Use HW VR8205H8016, Natural And Spring Conversion Assembly	2, 3 3	60-22866-01 60-22513-01	60-22866-01 60-22513-01	60-22866-01 60-22513-01	60-22866-01 60-22513-01	60-22866-01 60-22513-01	60-22866-01 60-22513-01	60-22866-01 60-22513-01
--	Burner Orifice - Propane								
	0-1999' Elevation	3	62-21551-54 QTY 2	62-21551-54 QTY 3	62-21551-54 QTY 3	62-21551-54 QTY 4	62-21551-54 QTY 4	62-21551-54 QTY 5	62-21551-54 QTY 6
	2000'-4500' Elevation	3	62-21551-55 QTY 2	62-21551-55 QTY 3	62-21551-55 QTY 3	62-21551-55 QTY 4	62-21551-55 QTY 4	62-21551-55 QTY 5	62-21551-55 QTY 6
	WHITE RODGERS GAS CONTROLS - SERIAL CONTROL CODES - EC, EK, EL								
25	GAS VALVE -WR 36E37-214, Natural	Alt	60-23490-01	60-23490-01	60-23490-01	60-23490-01	60-23490-01	60-23490-01	60-23490-01
26	IGNITOR:								
	Ignitor Kit (EC)	CR	62-22868-93	62-22868-93	68-22868-93	68-22868-93	62-22868-93	62-22868-93	62-22868-93
	Ignitor -Spark (EK,EL- QAE-78)	New	62-24141-01	62-24141-01	62-24141-01	62-24141-01	62-24141-01	62-24141-01	62-24141-01
--	IGNITOR BRKT (EK,EL - QAE-78)	New	AE-61967-01	AE-61967-01	AE-61967-01	AE-61967-01	AE-61967-01	AE-61967-01	AE-61967-01
--	FLAME SENSOR:								
	EC	Stock	62-23543-01	62-23543-01	62-23543-01	62-23543-01	62-23543-01	62-23543-01	62-23543-01
	EK, EL (QAE-78)	New	62-23543-03	62-23543-03	62-23543-03	62-23543-03	62-23543-03	62-23543-03	62-23543-03
	LP / PROPANE CONVERSION KITS								
--	**U.S. MODELS**	Alt	FP01H-H	FP01H-H	FP01H-H	FP01H-H	FP01H-H	FP01H-H	FP01H-H
25 --	Gas Valve, For LP Gas, Use WR 36E37-214 Natural And Spring Conversion Assembly	2, 3 3	60-23490-01 60-21193-01	60-23490-01 60-21193-01	60-23490-01 60-21193-01	60-23490-01 60-21193-01	60-23490-01 60-21193-01	60-23490-01 60-21193-01	60-23490-01 60-21193-01
--	Burner Orifice - LP	3	62-21551-54 QTY 2	62-21551-54 QTY 3	62-21551-54 QTY 3	62-21551-54 QTY 4	62-21551-54 QTY 4	62-21551-54 QTY 5	62-21551-54 QTY 6
	CANADIAN MODELS								
--	0-4500' ELEVATION	Alt	FP04H-H	FP04H-H	FP04H-H	FP04H-H	FP04H-H	FP04H-H	FP04H-H
25 --	Gas Valve, For Propane Gas, Use WR 36E37-214 Natural And Spring Conversion Assembly	2, 3 3	60-23490-01 60-21193-01	60-23490-01 60-21193-01	60-23490-01 60-21193-01	60-23490-01 60-21193-01	60-23490-01 60-21193-01	60-23490-01 60-21193-01	60-23490-01 60-21193-01
--	Burner Orifice - Propane								
	0-1999' Elevation	3	62-21551-54 QTY 2	62-21551-54 QTY 3	62-21551-54 QTY 3	62-21551-54 QTY 4	62-21551-54 QTY 4	62-21551-54 QTY 5	62-21551-54 QTY 6
	2000'-4500' Elevation	3	62-21551-55 QTY 2	62-21551-55 QTY 3	62-21551-55 QTY 3	62-21551-55 QTY 4	62-21551-55 QTY 4	62-21551-55 QTY 5	62-21551-55 QTY 6

Specifications and performance data subject to change without notice.

HEAT CONTROLLER, INC.
1900 WELLWORTH AVENUE • JACKSON, MICHIGAN 49203
THE QUALITY LEADER IN CONDITIONING AIR