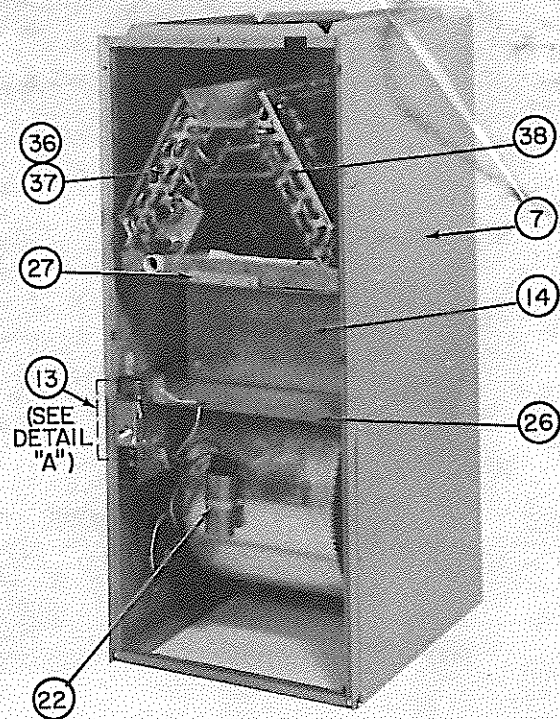
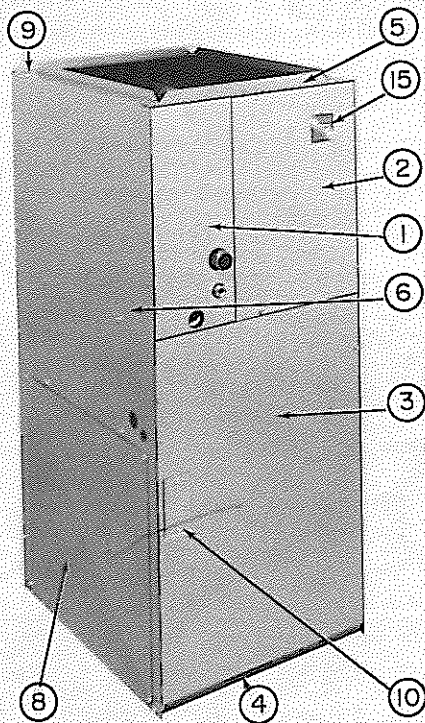
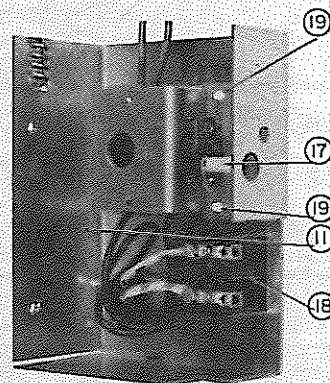


UPFLOW/DOWNFLOW FAN COIL UNIT

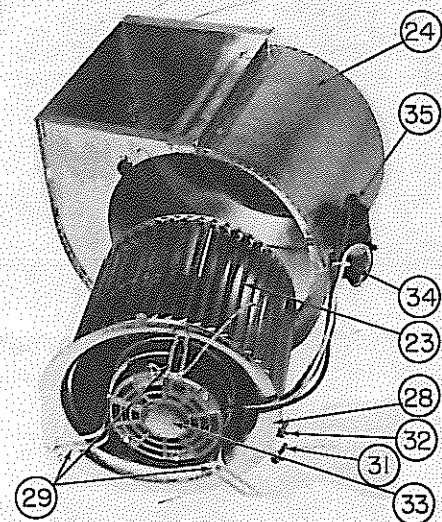
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UPFLOW

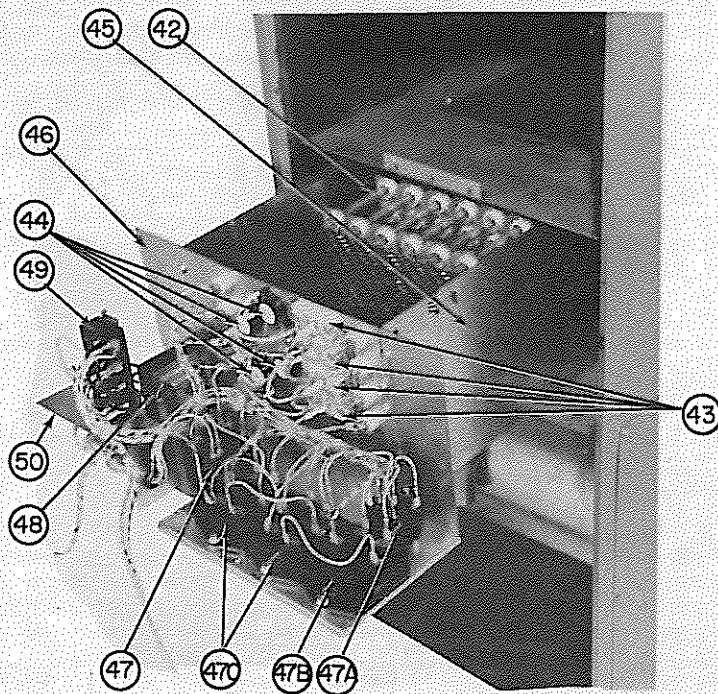


Detail A

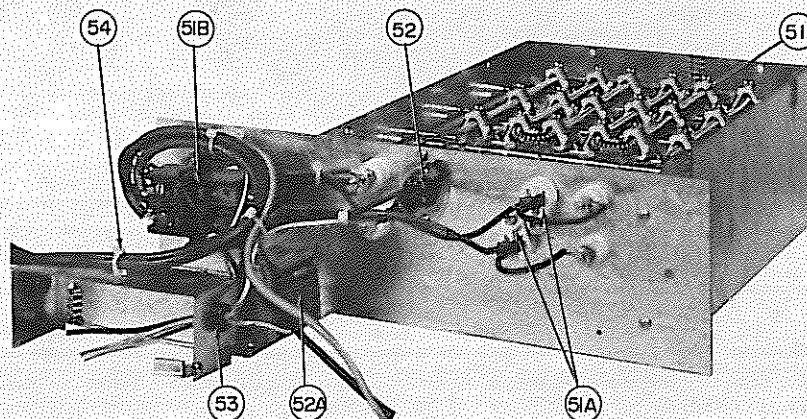
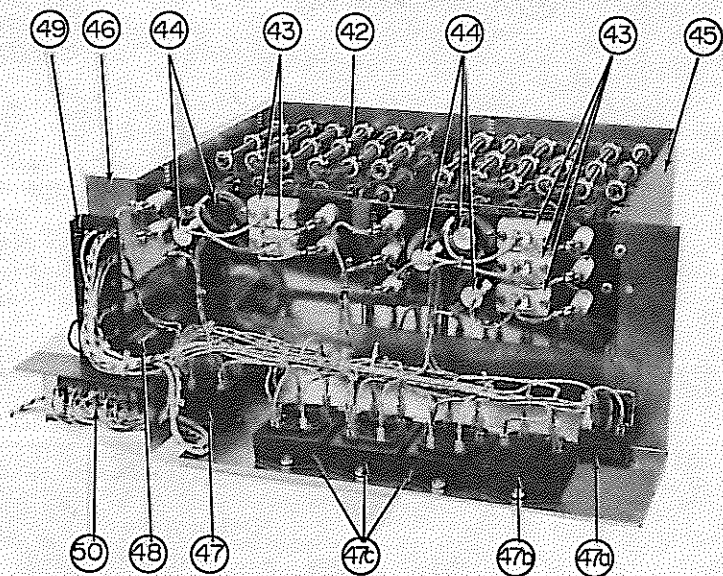


UPFLOW/DOWNFLOW FAN COIL UNIT

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Typical 40VU900081
Electric Heater Package





UPFLOW/DOWNFLOW FAN COIL UNIT

40VU
001-006

ITEM NO.	PART NAME	LDC	REPLACEMENT PART NUMBER	USED ON 40VU						
				001	002	003	004	005	006	
				3 3	3 3	3 3	3 3	3 3	3 3	
				0 2	0 2	0 2	0 0	0 0	0 0	
				1 1	1 1	1 1	1 1	1 1	1 1	
CASING GROUP										
1	Top Cover (Header Side)	SM3	40VU500143	1	1	1	1			
		SM3	40VU500103				1	1	1	
		SM3	40VU500153						1	
		SM3	40VU500163							1
2	Top Cover (Opposite Side)	SM3	40VU500113	1	1	1	1			
		SM3	40VU500123				1	1	1	
		SM3	40VU500133						1	1
3	Bottom Cover	SM3	40VU500003	1		1				
		SM3	40VU501353		1	1				
		SM3	40VU500013				1			
		SM3	40VU501363				1	1		
		NA	40VU501583						1	1
4	Lower Channel	SM3	40VU500042	1	1	1	1	1	1	
		SM3	40VU500052						1	1
5	Upper Angle	SM3	40VU501173	1	1	1	1	1	1	
		SM3	40VU501193						1	1
6	Side Panel	SM3	40VU501394	1	1	1	1			
		SM3	40VU501414				1	1	1	
		SM3	40VU500454						1	1
7	Side Panel	SM3	40VU501404	1	1	1	1			
		SM3	40VU501424				1	1	1	
		SM3	40VU500444						1	1
8	Side Cover	NA	40VU500033					2	2	2
9	Rear Panel	SM3	40VU500374	1	1	1	1			
		SM3	40VU500384				1	1	1	
		SM3	40VU500434						1	1
10	Cover (Speed Control)	SM3	40VU500692	1	-	1	-	1	-	-
11	Control Box	NS	40VU500682	1	-	1	-	1	-	-
NI/12	Control Box Cover	NS	40VU500372	1	1	1	1			
		NS	40VU500552				1	1	1	
		NS	40VU500562						1	1
13	Junction Box	NS	40VU500132	1	-	1	-	1	-	1
14	Air Partition	NS	40VU500053	1	1	1	1			
		NS	40VU500073				1	1	1	
		NS	40VU500083						1	
		NS	40VU500093							1
15	Carrier Nameplate	AC	99NA502053	1	1	1	1	1	1	1
NI/16	Touch-Up Paint (Pale Green) 16oz. Cans	MP	PH23GH-020	As Required						
	(Sea Spray Green) 16oz. Cans	MP	PH23GL-012	As Required						



UPFLOW/DOWNFLOW FAN COIL UNIT

40VU

001-006

ITEM NO.	PART NAME	LDC	REPLACEMENT PART NUMBER	USED ON 40VU						
				001	002	003	004	005	006	
				3 0 1	3 2 1	3 0 1	3 2 1	3 0 1	3 0 1	
ELECTRICAL GROUP										
17	Speed Control (Electronic)	AC	40HH400833	1	-	1	-	-	-	-
18	Terminal Block (2 Terminals)	AC	HY84UB-035	1	-	1	-	-	-	-
19	Spacer (Speed Control Mounting)	AC	KA12ZZ-001	4	-	4	-	-	-	-
NI/20	Relay (Fan)	AC	HN61KR-911	1	1	1				
		AC	HN61KK-911	1	1	1	1	1	1	1
NI/21	Capacitor (Run)	AC	HC90BB-007	-	1	-	-	1		
		AC	HC90BB-010	-	-	-	-		1	1
		AC	HC90BB-005	-	-	1	-	1		
22	Bracket (Capacitor)	AC	38GC-500082		1			1		
		AC	HC98ZZ-071	1	1	1	1	1		
		SM3	40VU501702						1	1
FAN AND MOTOR GROUP										
23	Blower Wheel - 1/2" Bore; 42 or 43 Blades - 1/2" Bore; 42 or 43 Blades - 1/2" Bore; 48 Blades - 1/2" Bore; 48 Blades	AC	LA22XC-090	1	1					
		AC	LA22XC-091			1	1			
		AC	LA22XC-100					1	1	1
		AC	LA22XC-104							1
24	Fan Housing Assembly	SM3	40VU400494	1	1					
		SM3	40HH400464			1	1			
		SM3	40HH400184					1	1	
		AC	40VU400334						1	
		AC	40VU400344							1
NI/25	Fan Housing Cut-Off	NS	40VU501483						1	
		NS	40VU501473							1
26	Fan Deck (Lower)	AC	40VU501494	1						
		SM3	40VU500024		1					
		SM3	40VU501504			1				
		SM3	40VU500034				1			
		SM3	40VU501514					1		
		SM3	40VU500044					1	1	
		SM3	40VU500064						1	
		SM3	40VU500074							1
27	Fan Deck (Upper)	SM3	40VU500104	1	1	1	1			
		SM3	40VU500114				1	1	1	
		SM3	40VU500124						1	
		AC	40VU500134							1
28	Orifice Ring	NA	40HH500443	1	1	1	1		-	-
		AC	40HH500343				1	1	1	-
29	Motor Mount	AC	HC98ZZ-101	1	1	1	1			
		AC	HC98ZZ-100				1	1	1	1



UPFLOW/DOWNFLOW FAN COIL UNIT

40VU
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ITEM NO.	PART NAME	LDC	REPLACEMENT PART NUMBER	USED ON 40VU						
				001	002	003	004	005	006	
				3	3	3	3	3	3	
				0	2	0	2	0	0	0
				1	1	1	1	1	1	1



FAN AND MOTOR GROUP (CONT'D)

NI/30	Resilient Mount Nut - 1/4-20 <i>RUBBER GROMMET</i>	MP	KA84UA-013	3	3	3	3	3	3	3							
31	Hex Head Capscrew - 1/4-20 x 1 1/4" Long	MP	AA06BS-172	3	3	3	3	3	3	3							
32	Washer, Plain - 1/4"	AC	AU02AB-171	3	3	3	3	3	3	3							
33	Fan Motor Available Component			1	1	1	1	1	1	1							
	ELECTRICAL CHARACTERISTICS		REPLACEMENT MOTOR														
	H.P.	RPM	PSN M387717								SSN M387717						
	1/8	1075	230-1-60								HC35DA-651						
	1/8	1075	230-1-60								*HC35SA-651						
	1/5	1075	230-1-60								HC37DA-651						
	1/5	1075	230-1-60								*HC37SA-651						
	1/4	1075	230-1-60								HC39MA-231						
	1/4	1075	230-1-60								*HC39SA-651						
	1/3	1075	230-1-60								HC43DA-652						
	1/2	(1725)	115/208/230-1-60								HC43DA-652						
	1/2	1125	230-1-60								HC45MA-231						
	NOTE: *DENOTES: 3-Speed Motor																
34	Fan Motor Capacitor	AC	HC90BB-007								1						
		AC	HC90BB-005									1	1				
35	Safety Boot	AC	HC97ZZ-071	1	1	1											

COIL AND PIPING GROUP

36	Evaporator Coil - Single Coil	*	28AR036001	1	1				
		*	28AR048001		1	1			
37	- Left Hand	AC	28AE400174			1	1		
		*	28AR036001					1	
		*	28AR048001						1
		AC	28AE400234						1
38	- Right Hand	*	28AR030001			1	1		
		*	28AR036001					1	
		AC	28AE400224						1
		*	28AR06001						1
NI/39	Coil Baffle	NS	40VU501233	-	-	-	-	-	2
NI/40	Lower Angle Support (Coil)	NS	40VU500002	1	1	-	-	-	-
NI/41	Upper Angle Support (Coil)	NS	40VU501502	1	-	-	-	-	-
		NS	40VU501512	1	1	-	-	-	-

NOTE: For replacement parts other than those listed above, refer to the 28SE Specified Parts Catalog (1 and 2 size units), 28AE, AF Specified Parts Catalog (3-6 size units).

(*) Note - Procure From Finished Goods



UPFLOW/DOWNFLOW FAN COIL UNIT

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001-006

ITEM NO.	PART NAME	LDC	REPLACEMENT PART NUMBER	USED ON 40VU								
				001	002	003	004	005	006			
				3	3	3	3	3	3			
				0	2	0	2	0	2	0	0	0
				1	1	1	1	1	1	1	1	1

ACCESSORIES GROUP												
	Electric Heater Package - 5KW; 240-1-60	AP	40VU900001	1	1							
	Includes:											
42	Electric Heater (1) 40VU401534	AC										
43	Fusible Link (1) HH12ZA-333	AC										
44	Limit Switch (1) HH18HA-110	AC										
45	Heat Shield (1) 40VU500663	NS										
46	Control Panel (1) 40VU500623	NS										
47	Relay (Power) (1) HN61KR-911	AC										
48	Transformer (20VA) (1) HT01AA-140	AC										
49	Terminal Block (Hi Voltage) (1) HY84FE-302	AC										
50	Terminal Block (Lo Voltage) (1) HY84FC-008	AC										
	Electric Heater Package - 7.5KW; 240-1-60	AP	40VU900011	1	1	1	1					
	Includes:											
42	Electric Heater (1) 40VU400874	AC										
43	Fusible Link (2) HH12ZA-333	AC										
44	Limit Switch (2) HH18HA-120	AC										
45	Heat Shield (1) 40VU501223	NS										
46	Control Panel (1) 40VU500623	NS										
47	Relay (Power) (1) HN61KR-911	AC										
47A	Relay (Safety Fan) (1) 40VU660002	AC										
	Includes:											
	Relay (1) HN61KJ-018	NSS										
47B	Relay (Time Delay) (1) HN67BD-002	AC										
48	Transformer (20VA) (1) HT01AA-140	AC										
49	Terminal Block (Hi Voltage) (1) HY84FE-302	AC										
50	Terminal Block (Lo Voltage) (1) HY84FC-008	AC										
	Electric Heater Package - 10KW; 240-1-60	AP	40VU900021			1	1					
	Includes:											
42	Electric Heater (1) 40VU400864	AC										
43	Fusible Link (2) HH12ZA-333	AC										
44	Limit Switch (2) HH18HA-120	AC										
45	Heat Shield (1) 40VU501223	NS										
46	Control Panel (1) 40VU500623	NS										
47	Relay (Power) (1) HN61KR-911	AC										
47A	Relay (Safety Fan) (1) 40VU660002	AC										
	Includes:											
	Relay (1) HN61KJ-018	NSS										
47B	Relay (Time Delay) (1) HN67BD-002	AC										
48	Transformer (20VA) (1) HT01AA-140	AC										
49	Terminal Block (Hi Voltage) (1) HY84FE-302	AC										
50	Terminal Block (Lo Voltage) (1) HY84FC-008	AC										



UPFLOW/DOWNFLOW FAN COIL UNIT

40VU
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ITEM NO.	PART NAME	LDC	REPLACEMENT PART NUMBER	USED ON 40VU					
				001	002	003	004	005	006
				3 0 1	3 2 1	3 2 1	3 2 1	3 0 1	3 0 1

ACCESSORIES GROUP (CONT'D)

	Electric Heater Package - 10KW; 240-1-60	AP	40VU900031				1	1		
	Includes:									
42	Electric Heater	(1) 40VU400854	AC							
43	Fusible Link	(2) HH12ZA-333	AC							
44	Limit Switch	(2) HH18HA-120	AC							
45	Heat Shield	(1) 40VU500673	NS							
46	Control Panel	(1) 40VU500633	NS							
47	Relay (Power)	(1) HN61KR-911	AC							
47A	Relay (Safety Fan)	(1) 40VU660002	AC							
	Includes:									
	Relay	(1) HN61KJ-018	NSS							
47B	Relay (Time Delay)	(1) HN67BD-002	AC							
48	Transformer (20VA)	(1) HT01AA-140	AC							
49	Terminal Block (Hi Voltage)	(1) HY84FE-302	AC							
50	Terminal Block (Lo Voltage)	(1) HY84FC-008	AC							
	Electric Heater Package - 15KW; 240-1-60	AP	40VU900041				1	1	1	
	Includes:									
42	Electric Heater	(1) 40VU400844	AC							
43	Fusible Link	(3) HH12ZA-333	AC							
44	Limit Switch	(3) HH18HA-120	AC							
45	Heat Shield	(1) 40VU500673	NS							
46	Control Panel	(1) 40VU500633	NS							
47	Relay (Power)	(1) HN61KR-911	AC							
47A	Relay (Safety Fan)	(1) 40VU660002	AC							
	Includes:									
	Relay	(1) HN61KJ-018	NSS							
47B	Relay (Time Delay)	(1) HN67BD-002	AC							
47C	Relay (Time Delay)	(1) HN67BD-002	AC							
48	Transformer (20VA)	(1) HT01AA-140	AC							
49	Terminal Block (Hi Voltage)	(1) HY84FE-304	AC							
50	Terminal Block (Lo Voltage)	(1) HY84FC-008	AC							
	Electric Heater Package - 20KW; 240-1-60	AP	40VU900051					1		
	Includes:									
42	Electric Heater	(1) 40VU400834	AC							
43	Fusible Link	(4) HH12ZA-333	AC							
44	Limit Switch	(4) HH18HA-120	AC							
45	Heat Shield	(1) 40VU500673	NS							
46	Control Panel	(1) 40VU500633	NS							
47	Relay (Power)	(1) HN61KR-911	AC							
47A	Relay (Safety Fan)	(1) 40VU660002	AC							
	Includes:									
	Relay	(1) HN61KJ-018	NSS							
47B	Relay (Time Delay)	(1) HN67BD-002	AC							
47C	Relay (Time Delay)	(2) HN67BD-002	AC							
48	Transformer (40VA)	(1) HT01AW-230	MP							
49	Terminal Block (Hi Voltage)	(1) HY84FE-304	AC							
50	Terminal Block (Lo Voltage)	(1) HY84FC-008	AC							



UPFLOW/DOWNFLOW FAN COIL UNIT

40VU

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ITEM NO.	PART NAME	LDC	REPLACEMENT PART NUMBER	USED ON 40VU					
				001	002	003	004	005	006
				3	3	3	3	3	3
				0	2	0	2	0	0
				1	1	1	1	1	1

ACCESSORIES GROUP (CONT'D)

	Electric Heater Package - 20KW; 240-1-60	AP	40VU900061						1
	Includes:								
42	Electric Heater (10KW)	(1) 40VU400854	AC						
42	Electric Heater (10KW)	(1) 40VU400864	AC						
43	Fusible Link	(4) HH12ZA-333	AC						
44	Limit Switch	(4) HH18HA-120	AC						
45	Heat Shield	(1) 40VU500584	NS						
46	Control Panel	(1) 40VU500643	NS						
47	Relay (Power)	(1) HN61KR-911	AC						
47A	Relay (Safety Fan)	(1) 40VU660002	AC						
	Includes:								
	Relay	(1) HN61KJ-018	NSS						
47B	Relay (Time Delay)	(1) HN67BD-002	AC						
48	Transformer (40VA)	(1) HT01AW-230	MP						
49	Terminal Block (Hi Voltage)	(1) HY84FE-304	AC						
50	Terminal Block (Lo Voltage)	(1) HY84FC-008	AC						
	Electric Heater Package - 25KW; 240-1-60	AP	40VU900071						1
	Includes:								
42	Electric Heater (15KW)	(1) 40VU400844	AC						
42	Electric Heater (10KW)	(1) 40VU400864	AC						
43	Fusible Link	(5) HH12ZA-333	AC						
44	Limit Switch	(5) HH18HA-120	AC						
45	Heat Shield	(1) 40VU500584	NS						
46	Control Panel	(1) 40VU500643	NS						
47	Relay (Power)	(1) HN61KR-911	AC						
47A	Relay (Safety Fan)	(1) 40VU660002	AC						
	Includes:								
	Relay	(1) HN61KJ-018	NSS						
47B	Relay (Time Delay)	(1) HN67BD-002	AC						
47C	Relay (Time Delay)	(1) HN67BD-002	AC						
48	Transformer (40VA)	(1) HT01AW-230	MP						
49	Terminal Block (Hi Voltage)	(1) HY84FE-306	AC						
50	Terminal Block (Lo Voltage)	(1) HY84FC-008	AC						
	Electric Heater Package - 25KW; 240-1-60	AP	40VU900081						1
	Includes:								
42	Electric Heater (15KW)	(1) 40VU401594	AC						
42	Electric Heater (10KW)	(1) 40VU401334	AC						
43	Fusible Link	(5) HH12ZA-333	AC						
44	Limit Switch	(5) HH18HA-120	AC						
45	Heat Shield	(1) 40VU500594	NS						
46	Control Panel	(1) 40VU500653	NS						
47	Relay (Power)	(1) HN61KR-911	AC						
47A	Relay (Safety Fan)	(1) 40VU660002	AC						
	Includes:								
	Relay	(1) HN61KJ-018	NSS						
47B	Relay (Time Delay)	(1) HN67BD-002	AC						
47C	Relay (Time Delay)	(3) HN67BD-002	AC						
48	Transformer (40VA)	(1) HT01AW-230	MP						
49	Terminal Block (Hi Voltage)	(1) HY84FE-306	AC						
50	Terminal Block (Lo Voltage)	(1) HY84FC-008	AC						



UPFLOW/DOWNFLOW FAN COIL UNIT

40VU

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ITEM NO.	PART NAME	LDC	REPLACEMENT PART NUMBER	USED ON 40VU					
				001	002	003	004	005	006
				3	3	3	3	3	3
				0	2	0	2	0	0
				1	1	1	1	1	1

ACCESSORIES GROUP (CONT'D)

	Electric Heater Package - 7.5KW; 240-1-60	FIOP	40VU903301DF					1	1	
	Includes:									
51	Coil Assembly (2) 40VU680003	AC								
51A	Fusible Link (2) HH12HA-227	AC								
NI/51C	Contactor (1) HN52KC-051	AC								
52	Limit Switch (1) HH18HA-141	AC								
52A	Transformer (20VA) (1) HT01AA-140	AC								
53	Snap-On Bushing (1) HY93NH-050	AC								
54	Push Mount Package (1) 40VU660001-012	NS								
	Electric Heater Package - 10KW; 240-1-60	FIOP	40VU903301EH		1	1	1	1		
	Includes:									
51	Coil Assembly (2) 40VU680002	AC								
51A	Fusible Link (2) HH12HA-227	AC								
NI/51C	Contactor (1) HN52KC-051	AC								
52	Limit Switch (1) HH18HA-141	AC								
52A	Transformer (20VA) (1) HT01AA-140	AC								
53	Snap-On Bushing (1) HY93NH-050	AC								
54	Push Mount Package (1) 40VU660001-012	NS								
	Electric Heater Package - 12KW; 240-1-60	FIOP	40VU903301FE					1		
	Includes:									
51	Coil Assembly (3) 40VU680002	AC								
51A	Fusible Link (3) HH12HA-227	AC								
51B	Relay (Power) (1) HN61KR-911	AC								
NI/51C	Contactor (1) HN52KC-051	AC								
52	Limit Switch (2) HH18HA-120	AC								
52A	Transformer (20VA) (1) HT01AA-140	AC								
53	Snap-On Bushing (1) HY93NH-050	AC								
54	Push Mount Package (1) 40VU660001-012	NS								
	Electric Heater Package - 13KW; 240-1-60	FIOP	40VU903301FQ					1		
	Includes:									
51	Coil Assembly (3) 40VU680002	AC								
51A	Fusible Link (3) HH12HA-227	AC								
51B	Relay (Power) (1) HN61KR-911	AC								
NI/51C	Contactor (1) HN52KC-051	AC								
52	Limit Switch (2) HH18HA-120	AC								
52A	Transformer (20VA) (1) HT01AA-140	AC								
53	Snap-On Bushing (1) HY93NH-050	AC								
54	Push Mount Package (1) 40VU660001-012	NS								
	Electric Heater Assembly - 15KW; 240-1-60	FIOP	40VU903301GM					1	1	
	Includes:									
51	Coil Assembly (3) 40VU680002	AC								
51A	Fusible Link (3) HH12HA-227	AC								
51B	Relay (Power) (1) HN61KR-911	AC								
NI/51C	Contactor (1) HN52KC-051	AC								
52	Limit Switch (2) HH18HA-120	AC								
52A	Transformer (20VA) (1) HT01AA-140	AC								
53	Snap-On Bushing (1) HY93NH-050	AC								
54	Push Mount Package (1) 40VU660001-012	NS								

INTRODUCTION

This catalog presents the most commonly used replacement parts for the standard 40VU Upflow/Downflow Fan Coil Unit and is not applicable to special units.

ORDERING INSTRUCTIONS

- A. All orders and inquiries should include the complete model and serial number of the unit on which the parts are to be used, and the part number and description of each part.
- B. Dealers should forward orders to their CAC Distributor.
- C. Distributors should forward orders to:

Carrier Air Conditioning Co.
 Parts Center
 P. O. Box 845
 Syracuse, New York 13201

GENERAL NOTES

- (1) Casing parts and panels are not normally stocked, but are available upon request while in production. Requests for casing parts and panels, for units no longer in production, must be cleared through the CAC Parts Center for availability prior to submitting an order.
 Certain "sheet metal" parts are omitted in the interest of simplicity as orders for them are so infrequent that a simple description of the part, plus the model and serial number of the unit, will be acceptable.
- (2) Complete "Accessory Packages" or "F.I.O.P.'s (Factory Installed Option Plan) are not normally stocked or supplied by the CAC Parts Center. (Refer to "Master Price Pages" and order from: Carrier Air Conditioning Co., Order Dept.)
 Accessory Packages and F.I.O.P.'s are listed in this catalog only for reference and to assist in the selection and ordering of components.
- (3) The replacement parts listed in this catalog are "Carrier Specified Parts" and, as a result of "standardization", may not be identical to the original part furnished on the equipment.
- (4) Letter designations (appearing in the LDC column preceding the part number column) are used throughout this catalog to represent the classification of those parts. These letter designations are listed below for ease of interpretation and identification.

AC	Available Component
AP	Accessory Package
CD	Contact your authorized CAC Distributor for procurement information.
F.I.O.P.	Factory Installed Option Plan
EF	Field Fabricate
MP	Multiple Package - Order sufficient number of packages to meet the unit requirements listed in the "Used On" column.
NA	Part is Not Available.
NP	New Part or Item
NS	Not Stocked
NSS	Not Sold Separately - Order complete assembly.
PT	Available in Packages of Twelve Only. Add suffix -012 to part number when ordering.

- (5) Letter designation (ND) appearing in the Item No. column indicates that the item is not illustrated in the illustration.

Code R Catalog No. 554-082

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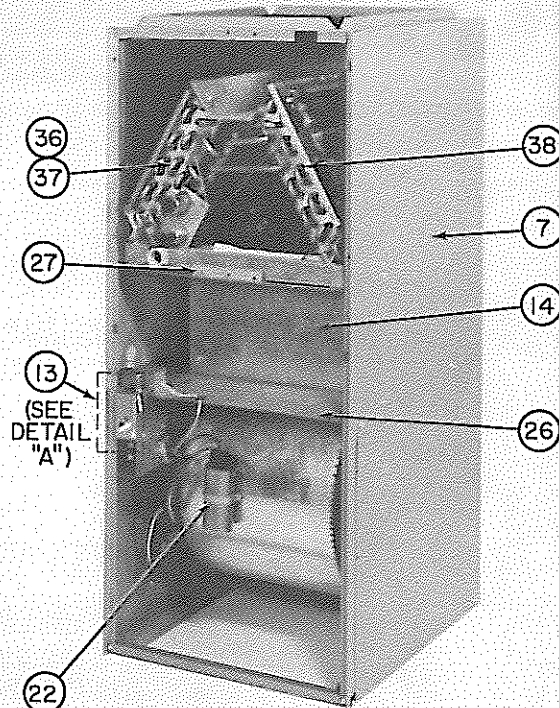
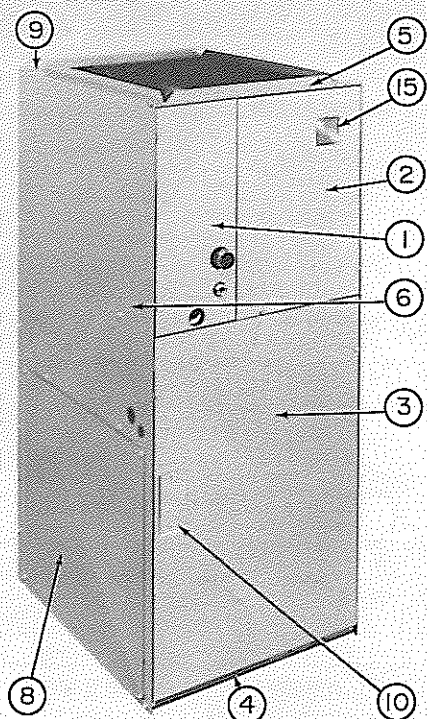
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40VU

001-006

SPECIFIED PARTS

Carrier



UPFLOW

ITEM NO.	PART NAME	LDC	REPLACEMENT PART NUMBER	USED ON 40VU					
				001	002	003	004	005	006
				3	3	3	3	3	3
				0	2	0	2	0	0
				1	1	1	1	1	1

CASING GROUP

1	Top Cover (Header Side)		✓ 40VU500143 ✓ 40VU500103 ✓ 40VU500153 ✓ 40VU500163	1	1	1	1	1	1
2	Top Cover (Opposite Side)		✓ 40VU500113 ✓ 40VU500123 ✓ 40VU500133	1	1	1	1	1	1
3	Bottom Cover		✓ 40VU500003 ✓ 40VU501353 ✓ 40VU500013 ✓ 40VU501363 ✓ 40VU501583	1	1	1	1	1	1
4	Lower Channel	NA	✓ 40VU500042 ✓ 40VU500052	1	1	1	1	1	1
5	Upper Angle		✓ 40VU501173 ✓ 40VU501193	1	1	1	1	1	1
6	Side Panel		✓ 40VU501394 ✓ 40VU501414 ✓ 40VU500454	1	1	1	1	1	1
7	Side Panel		✓ 40VU501404 ✓ 40VU501424 ✓ 40VU500444	1	1	1	1	1	1

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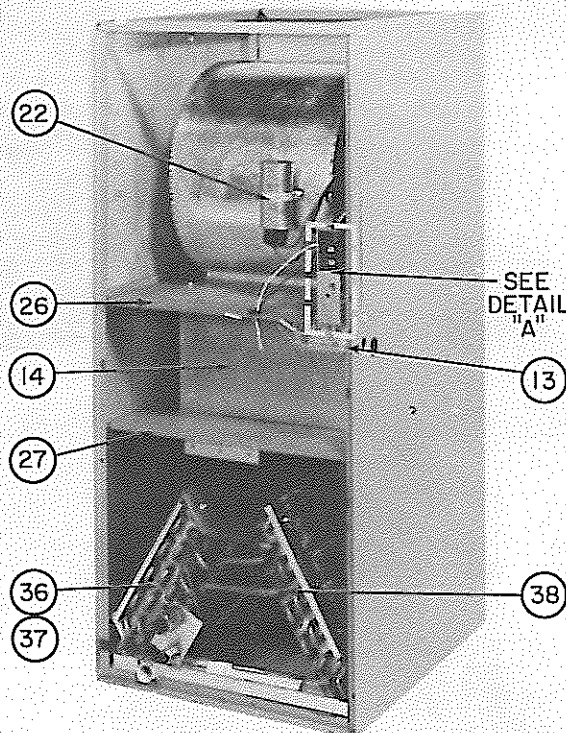
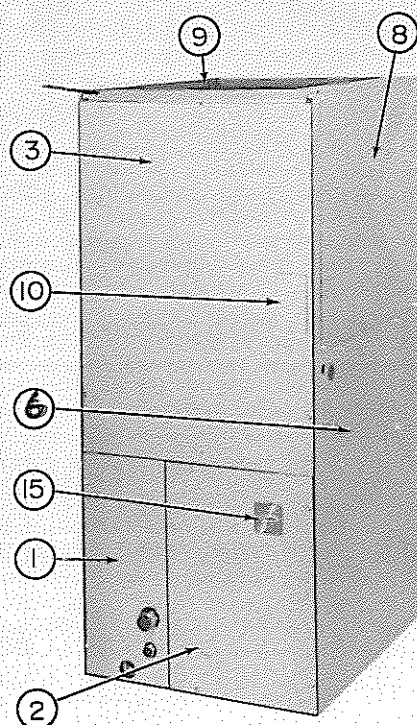
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DOWNFLOW

ITEM NO.	PART NAME	LDC	REPLACEMENT PART NUMBER	USED ON 40VU					
				001	002	003	004	005	006
				3	3	3	3	3	3
				0	2	0	2	0	0
				1	1	1	1	1	1

CASING GROUP (CONT'D)

8	Side Cover	NA	40VU500033					2	2	2
9	Rear Panel		40VU500374 ✓	1	1	1	1			
			40VU500384 ✓				1	1	1	
			✓40VU500434 ✓						1	1
10	Cover (Speed Control)		✓40VU500692 ✓	1	-	1	-	1	-	-
11	Control Box	NS	✓40VU500682	1	-	1	-	1	-	-
NI/12	Control Box Cover	NS	✓40VU500372 ✓	1	1	1	1			
		NS	✓40VU500552 ✓				1	1	1	
		NS	✓40VU500562 ✓						1	1
13	Junction Box	NS	40VU500132	1	-	1	-	1	1	1
14	Air Partition	NS	✓40VU500053	1	1	1	1			
		NS	40VU500073				1	1	1	
		NS	40VU500083						1	
		NS	40VU500093							1
15	Carrier Nameplate		99NA502053	1	1	1	1	1	1	1
NI/16	Touch-Up Paint (Pale Green) 16oz. Cans		PH23GH-020	As Required						
	(Sea Spray Green) 16oz. Cans	PT	PH23GL-144	As Required						

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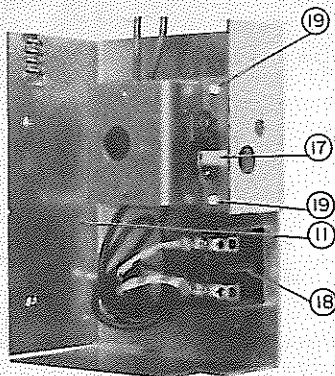
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40VU

001-006

SPECIFIED PARTS

Carrier



Detail A

ITEM NO.	PART NAME	LDC	REPLACEMENT PART NUMBER	USED ON 40VU					
				001	002	003	004	005	006
				3	3	3	3	3	3

ELECTRICAL GROUP

17	Speed Control (Electronic)		40HH401733✓	1	-	1	-	1	-	-	-
18	Terminal Block (2 Terminals)		HY84UB-035	1	-	1	-	1	-	-	-
19	Spacer (Speed Control Mounting)		KA12ZZ-001✓	4	-	4	-	4	-	-	-
NI/20	Relay (Fan)		HN61KR-911	1	1	1	1	1	1	1	1
			HN61KK-911	1	1	1	1	1	1	1	1
NI/21	Capacitor (Run)		HC96FH-007	-	1	-	-	1	-	-	-
			HC96NH-010	-	-	-	-	-	1	1	-
			HC96LH-005	-	-	1	-	1	-	-	-
22	Bracket (Capacitor)		38GC500082	1	1	-	-	1	-	-	-
			HC98ZZ-071	1	1	1	1	1	-	-	-
			40VU501702	-	-	-	-	-	1	1	-

FAN AND MOTOR GROUP

23	Blower Wheel - 1/2" Bore; 42 or 43 Blades - 1/2" Bore; 42 or 43 Blades - 1/2" Bore; 48 Blades - 1/2" Bore; 48 Blades		LA22XC-090	1	1	-	-	-	-	-	-
			LA22XC-091	-	1	1	-	-	-	-	-
			LA22XC-100	-	-	-	1	1	1	1	-
			LA22XC-10Y4	-	-	-	-	-	-	-	1
24	Fan Housing Assembly		40VU400494✓	1	1	-	-	-	-	-	-
			40HH400464✓	-	-	1	1	-	-	-	-
			40HH400184✓	-	-	-	1	1	1	-	-
			40VU400334✓	-	-	-	-	-	-	1	-
NI/25	Fan Housing Cut-Off		40VU400344✓	-	-	-	-	-	-	-	1
		NS	40VU501483	-	-	-	-	-	1	-	-
		NS	40VU501473	-	-	-	-	-	-	-	1
26	Fan Deck (Lower)		40VU501494✓	1	-	-	-	-	-	-	-
			40VU500024✓	-	1	-	-	-	-	-	-
			40VU501504✓	-	-	1	-	-	-	-	-
			40VU500034✓	-	-	-	1	-	-	-	-
			40VU501514✓	-	-	-	-	1	-	-	-
			40VU500044✓	-	-	-	-	-	1	1	-
			40VU500064✓	-	-	-	-	-	-	1	-
			40VU500074✓	-	-	-	-	-	-	-	1

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BULLETIN

Carrier Corporation



UNITED
TECHNOLOGIES
CARRIER

North American Operations

Date: 3/20/85

Subject: 40HH/VU Speed Control Motors

Dept: PSD Parts Marketing

Number: PMB85-15

Author: DeCarr

PARTS MANAGERS BULLETIN

As soon as the current stocks of the 40HH/VU speed control motors are exhausted, PSD will standardize on 3 speed replacement motors. Because the replacement 3 speed motors are the "general purpose" type, special instructions cannot be packaged with the motor. Therefore, a copy of this bulletin should be filed with the 40HH and 40VU parts catalogs. This information will also appear in the Service News.

40HH/VU Speed Control Motors To Be Superseded

Capacitor

HC37DA651	(5/370)
HC39MA231	(5/370)
HC41DA115	(7.5/370)
HC41DA651	(7.5/370)
HC43DA652	(7.5/370)
HC45MA231	(10/370)

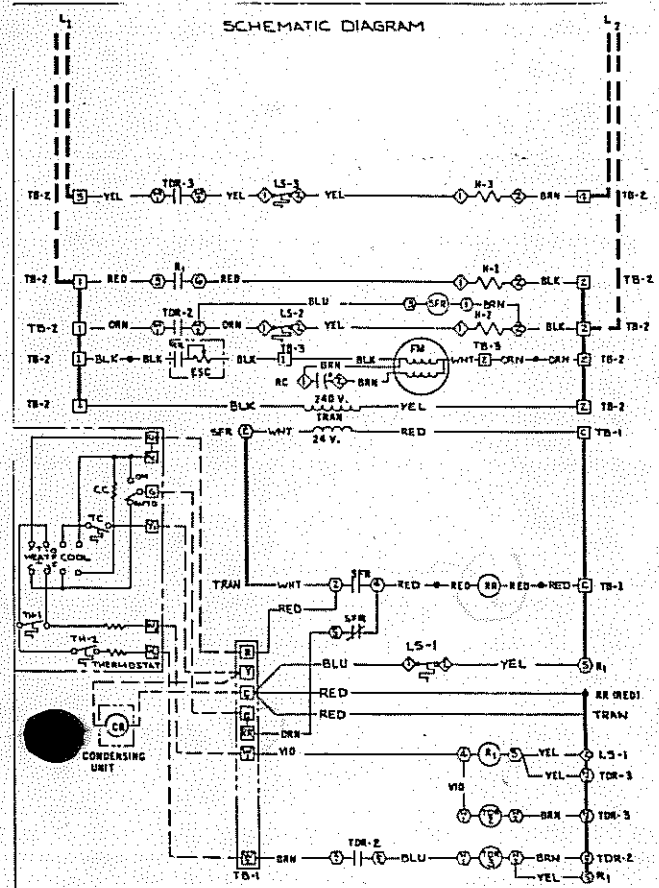
Superseding Three Speed Motors

Capacitor

HC37SA651	(5/370)
HC39MZ231	(5/370)
HC41MZ116	(7.5/370)
HC41MZ208	(5/370)
HC43MZ230	(7.5/370)
HC45MZ230	(10/370)

Gary De Carr

DIAGRAM A
Typical wiring diagram
showing speed control
in circuit.

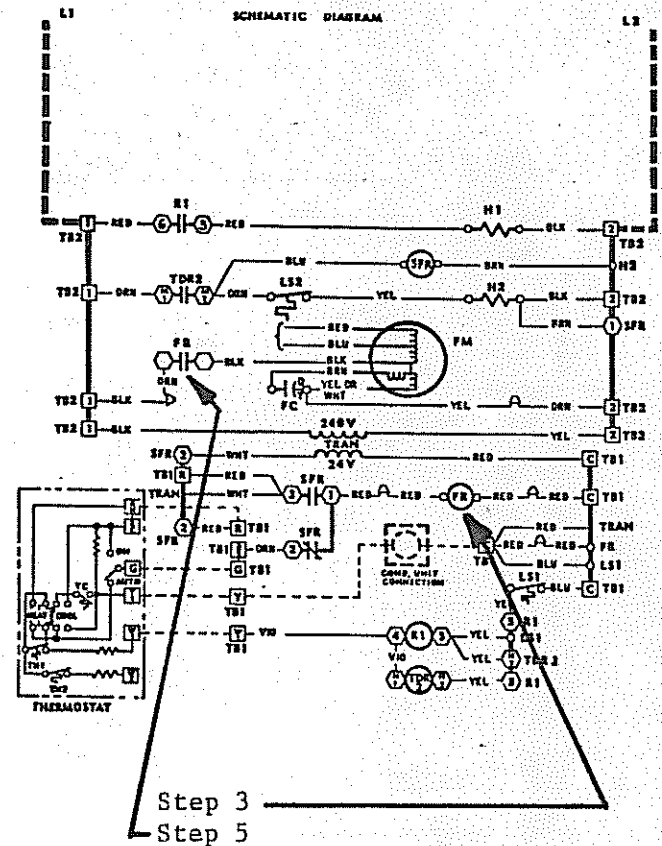


Replacement Instructions

Step

1. Disconnect speed control. Replacement 3 speed motors do not use speed control.
2. Locate in control box HN61KQ120 fan relay.
3. Connect HN61KQ120 relay coil as shown in Diagram B.
4. Select appropriate motor speed required for application. Insulate all unused leads.
5. Connect to HN61KQ120 relay normally open contacts #2 and #4 as shown in Diagram B..

DIAGRAM B
Typical wiring diagram
showing 3 speed motor
in circuit.



40HH 740VU Motors

PCA 403-6055

Model#

Prior SERIAL# A450782

START SERIAL# A450782

40HH002301 - ~~HC37DA-651~~ X
 40HH003301 - ~~SAME~~ X
 40HH004301 - ~~HC41DA-651~~ X
 40HH005301 - ~~HC43DA-651~~ X
 40HH006301 - ~~HC45MA-230~~ X
 231

~~HC37SA-651~~ X
~~HC39SA-230~~ X
~~HC41DE-229~~ X
~~HC43DE-231~~ X
~~HC45ME-231~~ X

PCA# 403-6055

40VU001301 - HC35DA-651
 40VU001321 - HC35SA-651
 40VU002301 - HC37DA-651
 40VU002321 - HC37SA-651
 40VU003301 - HC39MA-231
 40VU003321 - HC39SA-651
 40VU004301 - ~~HC43DA-652~~ P/S#M387717 X HC41DE-229 S/S#M387717
 40VU005301 - ~~HC43DA-652~~ P/S#M387717 X HC43DE-233 S/S#M387717
 40VU006301 - ~~HC45MA-231~~ P/S#M387717 X HC45ME-231 S/S#M387717

This looks OK but make sure the
 model #'s on the VU 004-5+6 does not change
 from 301 to 321

If not use what you have here

Rich.

40VU005301
MOTOR

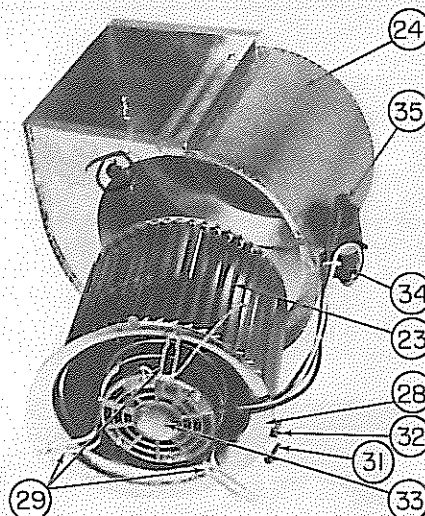
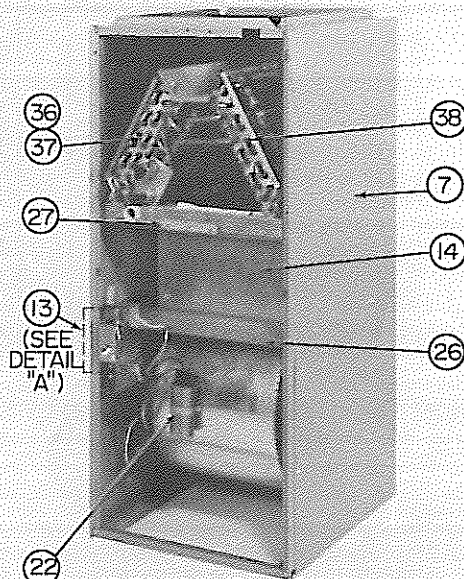
ORIGINAL MODELS USED HC43DE231 WHICH ORIGINALLY WAS 1725 RPM, CAP. START, RESIL BASE MOUNT MOTOR. IN 1973 CODE SHEET CHANGED MOTOR TO 1075 RPM, P.S.C, BELLY BAND.

CURRENT CATALOGS CALL OUT SUBS BASED ON 1075 RPM MOTOR, THE PROGRESSION OF MOTOR SUBS END WITH P257-B988 WHICH IS 1075 PSC MOTOR.

OLDER MODELS WERE BUILT WITH 1725 RPM RESIL BASE MOTORS. THE REPLACEMENT MOTOR SHOULD BE P268-E223.

D. Lyden
4/19/89

ITEM NO.	PART NAME	LDC	REPLACEMENT PART NUMBER	USED ON 40VU								
				001	002	003	004	005	006			
				3	3	3	3	3	3			
				0	2	0	2	0	2	0	0	0
				1	1	1	1	1	1	1	1	1
FAN AND MOTOR GROUP (CONT'D)												
27	Fan Deck (Upper)		✓ 40VU500104 ✓ ✓ 40VU500114 ✓ ✓ 40VU500124 ✓ ✓ 40VU500134 ✓	1	1	1						
28	Orifice Ring	NA	40HH500443 ✓ 40HH500343 ✓	1	1	1	1					
29	Motor Mount		HC98ZZ-101 HC98ZZ-100	1	1	1	1					
NI/30	Resilient Mount Nut - 1/4-20		KA84UA-013	3	3	3	3	3	3	3	3	3
31	Hex Head Capscrew - 1/4-20 x 1 1/4" Long		AA06BS-172	3	3	3	3	3	3	3	3	3
32	Washer, Plain - 1/4"		AU02AB-171	3	3	3	3	3	3	3	3	3
33	Fan Motor											
	ORIGINAL MOTOR	H.P.	RPM	ELECTRICAL CHARACTERISTICS		REPLACEMENT MOTOR						
	HC35DA-651	1/8	1075	230-1-60		HC35DA-651		1				
	*HC35SA-651	1/8	1075	230-1-60		*HC35SA-651		1				
	HC37DA-651	1/5	1075	230-1-60		HC37DA-651			1			
	*HC37SA-651	1/5	1075	230-1-60		*HC37SA-651			1			
	HC39MA-231	1/4	1075	230-1-60		HC39MA-231				1		
	*HC39SA-651	1/4	1075	230-1-60		*HC39SA-651				1		
	HC41DE-229	1/3	1075	230-1-60		HC41DE-229					1	
	HC43DE-231	1/2	1725	115/208/230-1-60		HC43DE-231					1	
	HC45ME-231	1/2	1125	230-1-60		HC45ME-231						1
	NOTE: *Denotes 3-Speed Motor.											
34	Fan Motor Capacitor		HC90AB-007 HC90AB-005	HC96FB-007 HC96LH-005				1				
35	Safety Boot		HC97ZZ-071	1	1	1	1					



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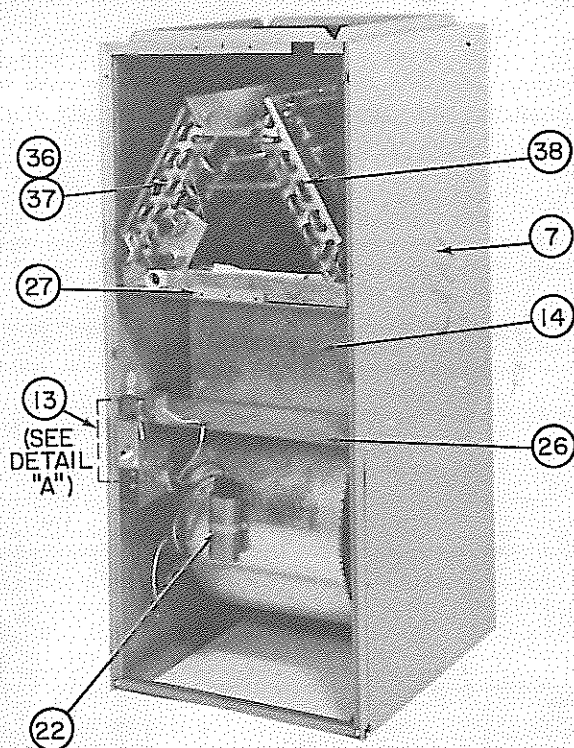
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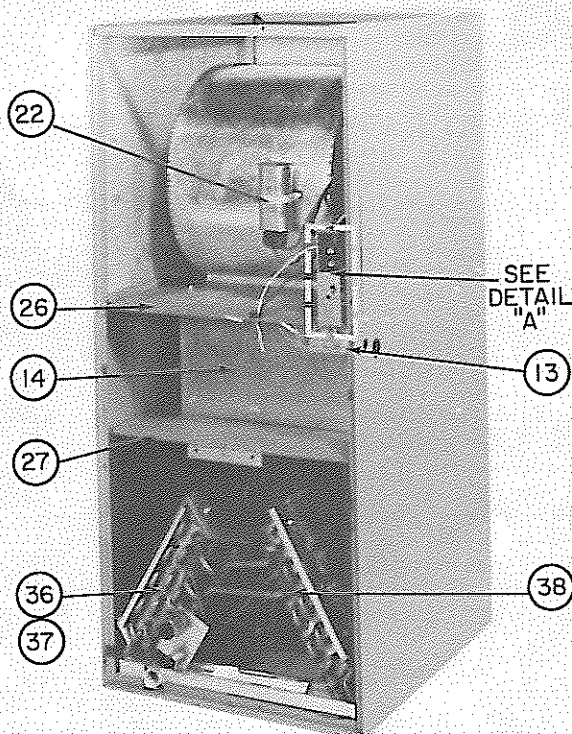
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SPECIFIED PARTS

Carrier



UPFLOW



DOWNFLOW

ITEM NO.	PART NAME	LDC	REPLACEMENT PART NUMBER	USED ON 40VU					
				001	002	003	004	005	006
				3	3	3	3	3	3
				0	2	0	2	0	0
				1	1	1	1	1	1
COIL AND PIPING GROUP									
36	Evaporator Coil - Single Coil		28AE400194	1	1				
			28AE400214		1	1			
37	- Left Hand		28AE400174			1	1		
			28AE400194					1	
			28AE400214						1
			28AE400234						1
38	- Right Hand		28AE400184			1	1		
			28AE400204					1	
			28AE400224						1
			28AE400244						1
NI/39	Coil Baffle	NS	40VU501233	-	-	-	-	-	2
NI/40	Lower Angle Support (Coil)	NS	40VU500002	1	1	-	-	-	-
NI/41	Upper Angle Support (Coil)	NS	40VU501502	1	-	-	-	-	-
		NS	40VU501512	1	-	-	-	-	-

NOTE: For replacement parts other than those listed above, refer to the 28SE Specified Parts Catalog (1 and 2 size units), 28AE, AF Specified Parts Catalog (3-6 size units).

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40VU003320

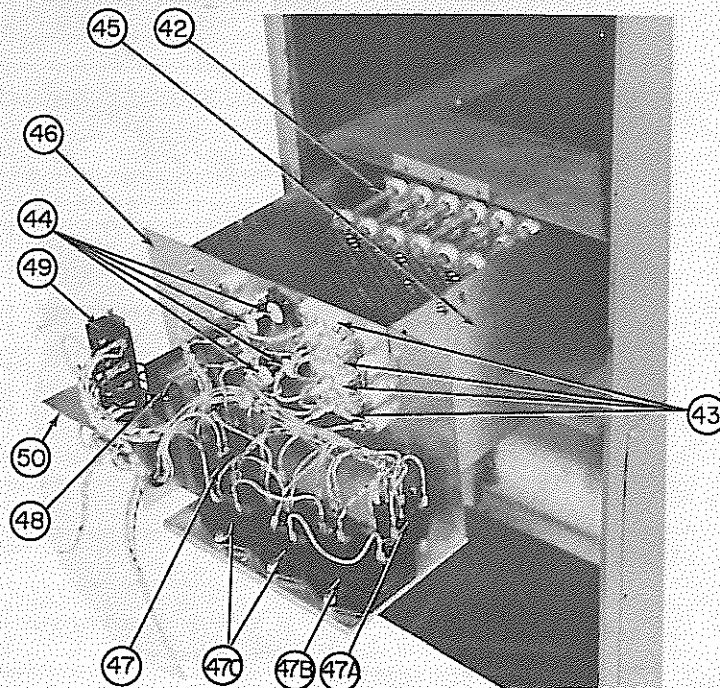
GND PAN # ZBAE400124 NLA

ONDWC. ZBAE400104

001

002 - 28 SE 400 173 NLA

003



Typical 40VU900051
Electric Heater Package

ITEM NO.	PART NAME	LDC	REPLACEMENT PART NUMBER	USED ON 40VU					
				001	002	003	004	005	006
				3	3	3	3	3	3
				0	2	0	2	0	0
				1	1	1	1	1	1

ACCESSORIES GROUP

Electric Heater Package - 5KW; 240-1-60				AP	40VU900001	1	1								
Includes:															
42	Electric Heater	(1) 40VU401534	AC												
43	Fusible Link	(1) HH12ZA-333	AC												
44	Limit Switch	(1) HH18HA-110	AC												
45	Heat Shield	(1) 40VU500663	NS												
46	Control Panel	(1) 40VU500623	NS												
47	Relay (Power)	(1) HN61KA-035	AC												
48	Transformer (20VA)	(1) HT01AA-140	AC												
49	Terminal Block (Hi Voltage)	(1) HY84FE-302	AC												
50	Terminal Block (Lo Voltage)	(1) HY84FC-008	AC												
Electric Heater Package - 7.5KW; 240-1-60				AP	40VU900011	1	1	1	1						
Includes:															
42	Electric Heater	(1) 40VU400874	AC												
43	Fusible Link	(2) HH12ZA-333	AC												
44	Limit Switch	(2) HH18HA-120	AC												
45	Heat Shield	(1) 40VU501223	NS												
46	Control Panel	(1) 40VU500623	NS												
47	Relay (Power)	(1) HN61KA-035	AC												
47A	Relay (Safety Fan)	(1) 40VU660002	AC												
Includes:															
Relay															
47B	Relay (Time Delay)	(1) HN67KA-277	AC												
48	Transformer (20VA)	(1) HT01AA-140	AC												
49	Terminal Block (Hi Voltage)	(1) HY84FE-302	AC												
50	Terminal Block (Lo Voltage)	(1) HY84FC-008	AC												

40VU

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SPECIFIED PARTS**Carrier**

ITEM NO.	PART NAME	LDC	REPLACEMENT PART NUMBER	USED ON 40VU					
				001	002	003	004	005	006
				3	3	3	3	3	3
				0	2	0	2	0	0
				1	1	1	1	1	1

ACCESSORIES GROUP (CONT'D)

	Electric Heater Package - 10KW; 240-1-60	AP	40VU900021			1	1												
	Includes:																		
42	Electric Heater	(1) 40VU400864	AC																
43	Fusible Link	(2) HH12ZA-333	AC																
44	Limit Switch	(2) HH18HA-120	AC																
45	Heat Shield	(1) 40VU501223	NS																
46	Control Panel	(1) 40VU500623	NS																
47	Relay (Power)	(1) HN61KA-035	AC	KA035															
47A	Relay (Safety Fan)	(1) 40VU660002	AC																
	Includes:																		
	Relay	(1) HN61KJ-018																	
47B	Relay (Time Delay)	(1) HN67KA-277	AC																
48	Transformer (20VA)	(1) HT01AA-140	AC																
49	Terminal Block (Hi Voltage)	(1) HY84FE-302	AC																
50	Terminal Block (Lo Voltage)	(1) HY84FC-008	AC																
	Electric Heater Package - 10KW; 240-1-60	AP	40VU900031				1	1											
	Includes:																		
42	Electric Heater	(1) 40VU400854	AC																
43	Fusible Link	(2) HH12ZA-333	AC																
44	Limit Switch	(2) HH18HA-120	AC																
45	Heat Shield	(1) 40VU500673	NS																
46	Control Panel	(1) 40VU500633	NS																
47	Relay (Power)	(1) HN61KA-035	AC	KA035															
47A	Relay (Safety Fan)	(1) 40VU660002	AC																
	Includes:																		
	Relay	(1) HN61KJ-018																	
47B	Relay (Time Delay)	(1) HN67KA-277	AC																
48	Transformer (20VA)	(1) HT01AA-140	AC																
49	Terminal Block (Hi Voltage)	(1) HY84FE-302	AC																
50	Terminal Block (Lo Voltage)	(1) HY84FC-008	AC																
	Electric Heater Package - 15KW; 240-1-60	AP	40VU900041				1	1	1										
	Includes:																		
42	Electric Heater	(1) 40VU400844	AC																
43	Fusible Link	(3) HH12ZA-333	AC																
44	Limit Switch	(3) HH18HA-120	AC																
45	Heat Shield	(1) 40VU500673	NS																
46	Control Panel	(1) 40VU500633	NS																
47	Relay (Power)	(1) HN61KA-035	AC	KA035															
47A	Relay (Safety Fan)	(1) 40VU660002	AC																
	Includes:																		
	Relay	(1) HN61KJ-018																	
47B	Relay (Time Delay)	(1) HN67KA-277	AC																
47C	Relay (Time Delay)	(1) HN67KC-277	AC																
48	Transformer (20VA)	(1) HT01AA-140	AC																
49	Terminal Block (Hi Voltage)	(1) HY84FE-304	AC																
50	Terminal Block (Lo Voltage)	(1) HY84FC-008	AC																

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ITEM NO.	PART NAME	LDC	REPLACEMENT PART NUMBER	USED ON 40VU					
				001	002	003	004	005	006
				3	3	3	3	3	3
				0	2	0	2	0	0
				1	1	1	1	1	1

ACCESSORIES GROUP (CONT'D)

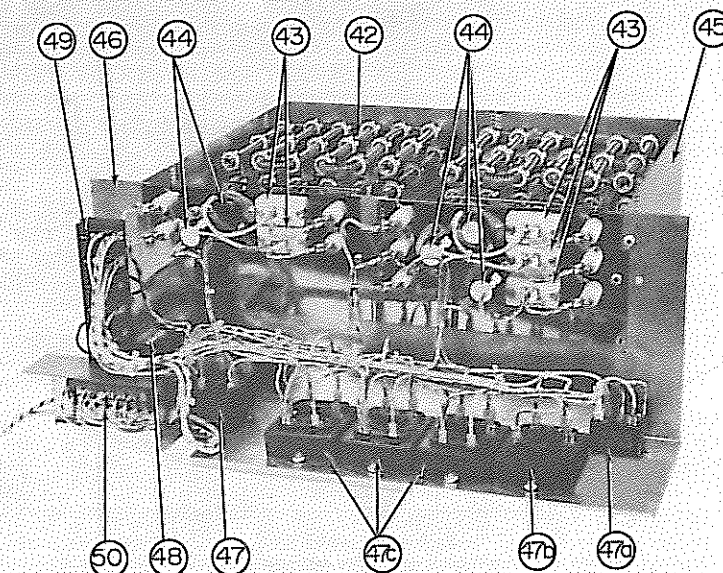
	Electric Heater Package - 20KW; 240-1-60	AP	40VU900051					1	
	Includes:								
42	Electric Heater	(1) 40VU400834	AC						
43	Fusible Link	(4) HH122A-333	AC						
44	Limit Switch	(4) HH18HA-120	AC						
45	Heat Shield	(1) 40VU500673	NS						
46	Control Panel	(1) 40VU500633	NS						
47	Relay (Power)	(1) HN61KA-035	AC						
47A	Relay (Safety Fan)	(1) 40VU660002	AC						
	Includes:								
	Relay	(1) HN61KJ-018							
47B	Relay (Time Delay)	(1) HN67KA-277	AC						
47C	Relay (Time Delay)	(2) HN67KC-277	AC						
48	Transformer (40VA)	(1) HT01AW-038	AC						
49	Terminal Block (Hi Voltage)	(1) HY84FE-304	AC						
50	Terminal Block (Lo Voltage)	(1) HY84FC-008	AC						
	Electric Heater Package - 20KW; 240-1-60	AP	40VU900061					1	
	Includes:								
42	Electric Heater (10KW)	(1) 40VU400854	AC						
42	Electric Heater (10KW)	(1) 40VU400864	AC						
43	Fusible Link	(4) HH122A-333	AC						
44	Limit Switch	(4) HH18HA-120	AC						
45	Heat Shield	(1) 40VU500584	NS						
46	Control Panel	(1) 40VU500643	NS						
47	Relay (Power)	(1) HN61KA-035	AC						
47A	Relay (Safety Fan)	(1) 40VU660002	AC						
	Includes:								
	Relay	(1) HN61KJ-018							
47B	Relay (Time Delay)	(1) HN67KA-277	AC						
48	Transformer (40VA)	(1) HT01AW-038	AC						
49	Terminal Block (Hi Voltage)	(1) HY84FE-304	AC						
50	Terminal Block (Lo Voltage)	(1) HY84FC-008	AC						
	Electric Heater Package - 25KW; 240-1-60	AP	40VU900071					1	
	Includes:								
42	Electric Heater (15KW)	(1) 40VU400844	AC						
42	Electric Heater (10KW)	(1) 40VU400864	AC						
43	Fusible Link	(5) HH122A-333	AC						
44	Limit Switch	(5) HH18HA-120	AC						
45	Heat Shield	(1) 40VU500584	NS						
46	Control Panel	(1) 40VU500643	NS						
47	Relay (Power)	(1) HN61KA-035	AC						
47A	Relay (Safety Fan)	(1) 40VU660002	AC						
	Includes:								
	Relay	(1) HN61KJ-018							
47B	Relay (Time Delay)	(1) HN67KA-277	AC						
47C	Relay (Time Delay)	(1) HN67KC-277	AC						
48	Transformer (40VA)	(1) HT01AW-038	AC						
49	Terminal Block (Hi Voltage)	(1) HY84FE-306	AC						
50	Terminal Block (Lo Voltage)	(1) HY84FC-008	AC						

40VU

001-006

SPECIFIED PARTS

Carrier



Typical 40VU900081
Electric Heater Package

ITEM NO.	PART NAME	LDC	REPLACEMENT PART NUMBER	USED ON 40VU					
				001	002	003	004	005	006
				3	3	3	3	3	3
				0	2	0	2	0	0
				1	1	1	1	1	1

ACCESSORIES GROUP (CONT'D)

	Electric Heater Package - 25KW; 240-1-60	AP	40VU900081							1
	Includes:									
42	Electric Heater (15KW)	(1) 40VU401594	AC							
42	Electric Heater (10KW)	(1) 40VU401334	AC							
43	Fusible Link	(5) HH12ZA-333	AC							
44	Limit Switch	(5) HH18HA-120	AC							
45	Heat Shield	(1) 40VU500594	NS							
46	Control Panel	(1) 40VU500653	NS							
47	Relay (Power)	(1) HN61KA-035	AC	KA035						
47A	Relay (Safety Fan)	(1) 40VU660002	AC							
	Includes:									
	Relay	(1) HN61KJ-018								
47B	Relay (Time Delay)	(1) HN67KA-277	AC							
47C	Relay (Time Delay)	(3) HN67KC-277	AC							
48	Transformer (40VA)	(1) HT01AW-038	AC							
49	Terminal Block (Hi Voltage)	(1) HY84FE-306	AC							
50	Terminal Block (Lo Voltage)	(1) HY84FC-008	AC							
	Electric Heater Package - 30KW; 240-1-60	AP	40VU900091							1
	Includes:									
42	Electric Heater	(2) 40VU401594	AC							
43	Fusible Link	(6) HH12ZA-333	AC							
44	Limit Switch	(6) HH18HA-130	AC							
45	Heat Shield	(1) 40VU500594	NS							
46	Control Panel	(1) 40VU500653	NS							
47	Relay (Power)	(1) HN61KA-035	AC	KA035						
47A	Relay (Safety Fan)	(1) 40VU660002	AC							
	Includes:									
	Relay	(1) HN61KJ-018								
47B	Relay (Time Delay)	(1) HN67KA-277	AC							
47C	Relay (Time Delay)	(4) HN67KC-277	AC							
48	Transformer (40VA)	(1) HT01AW-038	AC							
49	Terminal Block (Hi Voltage)	(1) HY84FE-306	AC							
50	Terminal Block (Lo Voltage)	(1) HY84FC0008	AC							

SPECIFIED PARTS CATALOG

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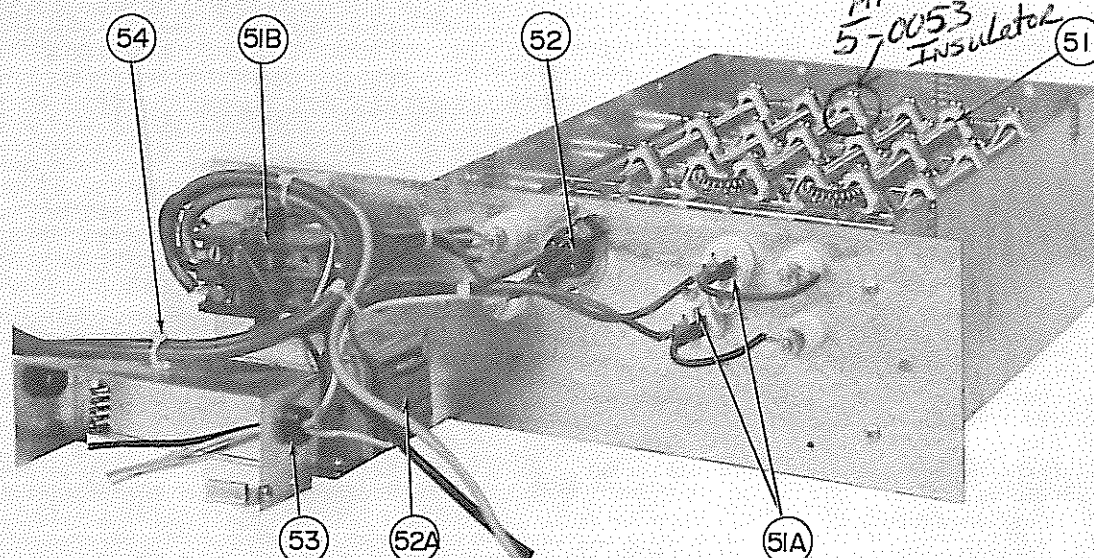
Litho in U.S.A.

S U P E R S E D E S

PRODUCT 40VU001-006

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ITEM NO.	PART NAME	LDC	REPLACEMENT PART NUMBER	USED ON 40VU					
				001	002	003	004	005	006
				3	3	3	3	3	3
				0	2	0	2	0	0
				1	1	1	1	1	1

ACCESSORIES GROUP (CONT'D)

Electric Heater Package - 5KW; 240-1-60				FIOP	40VU901301CD	1	1								
Includes:															
51	Coil Assembly	(1)	40VU680002	AC											
51A	Fusible Link	(1)	HH12HA-227	AC											
51B	Relay (Power)	(1)	HN61KR-015 <i>Kross</i>	AC											
52	Limit Switch	(1)	HH18HA-141	AC											
52A	Transformer (20VA)	(1)	HT01AA-140	AC											
53	Snap-On Bushing	(1)	HY93NH-050	AC											
54	Push Mount Package	(1)	40VU660001-012	PT											
Electric Heater Package - 7.5KW; 240-1-60				FIOP	40VU901301DF	1	1	1	1						
Includes:															
51	Coil Assembly	(2)	40VU680003	AC											
51A	Fusible Link	(2)	HH12HA-227	AC											
NI/51C	Contactor	(1)	HN52KC-010	AC											
52	Limit Switch	(1)	HH18HA-141	AC											
52A	Transformer (20VA)	(1)	HT01AA-140	AC											
53	Snap-On Bushing	(1)	HY93NH-050	AC											
54	Push Mount Package	(1)	40VU660001-012	PT											
Electric Heater Package - 10KW; 240-1-60				FIOP	40VU902301EH		1	1	1	1					
Includes:															
51	Coil Assembly	(2)	40VU680002	AC											
51A	Fusible Link	(2)	HH12HA-227	AC											
NI/51C	Contactor	(1)	HN52KC-010	AC											
52	Limit Switch	(1)	HH18HA-141	AC											
52A	Transformer (20VA)	(1)	HT01AA-140	AC											
53	Snap-On Bushing	(1)	HY93NH-050	AC											
54	Push Mount Package	(1)	40VU660001-012	PT											

40VU

001-006

SPECIFIED PARTS

Carrier

ITEM NO.	PART NAME	LDC	REPLACEMENT PART NUMBER	USED ON 40VU					
				001	002	003	004	005	006
				3 3	3 3	3 3	3 3	3 3	3 3
				0 2	0 2	0 2	0 0	0 0	0 0
				1 1	1 1	1 1	1 1	1 1	1 1

ACCESSORIES GROUP (CONT'D)

	Electric Heater Package - 7.5KW; 240-1-60			FIOP	40VU903301DF					1	1		
	Includes:												
51	Coil Assembly	(2) 40VU680003	AC										
51A	Fusible Link	(2) HH12HA-227	AC										
NI/51C	Contactor	(1) HN52KC-010	AC										
52	Limit Switch	(1) HH18HA-141	AC										
52A	Transformer (20VA)	(1) HT01AA-140	AC										
53	Snap-On Bushing	(1) HY93NH-050	AC										
54	Push Mount Package	(1) 40VU660001-012	PT										
	Electric Heater Package - 10KW; 240-1-60			FIOP	40VU903301EH		1	1	1				
	Includes:												
51	Coil Assembly	(2) 40VU680002	AC										
51A	Fusible Link	(2) HH12HA-227	AC										
NI/51C	Contactor	(1) HN52KC-010	AC										
52	Limit Switch	(1) HH18HA-141	AC										
52A	Transformer (20VA)	(1) HT01AA-140	AC										
53	Snap-On Bushing	(1) HY93NH-050	AC										
54	Push Mount Package	(1) 40VU660001-012	PT										
	Electric Heater Package - 12KW; 240-1-60			FIOP	40VU903301FE					1			
	Includes:												
51	Coil Assembly	(3) 40VU680002	AC										
51A	Fusible Link	(3) HH12HA-227	AC										
51B	Relay (Power)	(1) HN61KA-035	AC										
NI/51C	Contactor	(1) HN52KC-010	AC										
52	Limit Switch	(2) HH18HA-120	AC										
52A	Transformer (20VA)	(1) HT01AA-140	AC										
53	Snap-On Bushing	(1) HY93NH-050	AC										
54	Push Mount Package	(1) 40VU660001-012	PT										
	Electric Heater Package - 13KW; 240-1-60			FIOP	40VU903301FQ					1			
	Includes:												
51	Coil Assembly	(3) 40VU680002	AC										
51A	Fusible Link	(3) HH12HA-227	AC										
51B	Relay (Power)	(1) HN61KA-035	AC										
NI/51C	Contactor	(1) HN52KC-010	AC										
52	Limit Switch	(2) HH18HA-120	AC										
52A	Transformer (20VA)	(1) HT01AA-140	AC										
53	Snap-On Bushing	(1) HY93NH-050	AC										
54	Push Mount Package	(1) 40VU660001-012	PT										
	Electric Heater Assembly - 15KW; 240-1-60			FIOP	40VU903301GM					1	1		
	Includes:												
51	Coil Assembly	(3) 40VU680002	AC										
51A	Fusible Link	(3) HH12HA-227	AC										
51B	Relay (Power)	(1) HN61KA-035	AC										
NI/51C	Contactor	(1) HN52KC-010	AC										
52	Limit Switch	(2) HH18HA-120	AC										
52A	Transformer (20VA)	(1) HT01AA-140	AC										
53	Snap-On Bushing	(1) HY93NH-050	AC										
54	Push Mount Package	(1) 40VU660001-012	PT										

SIZE	DESCRIPTION	PART NO.																ON DWG
		N	N	A	A	N	N	N	N	A	A	N	N	N	N	N	N	
(001)	ELEC. HTR. 5 KW. 60~ DOM.	4	0	V	U	-	9	0	)	-	-	-	0	0	1	-	-	40VU400824
(001,002)	7.5 KW. 60~ DOM.	4	0	V	U	-	9	0	)	-	-	-	0	1	1	-	-	
(002)	7.5 KW. 60~ EXP.	4	0	V	U	-	9	0	)	-	-	-	0	1	3	-	-	
(002)	10 KW. 60~ DOM.	4	0	V	U	-	9	0	)	-	-	-	0	2	1	-	-	
(002)	10 KW. 60~ EXP.	4	0	V	U	-	9	0	)	-	-	-	0	2	3	-	-	
(003)	10 KW. 60~ DOM.	4	0	V	U	-	9	0	)	-	-	-	0	3	1	-	-	
(003)	10 KW. 60~ EXP.	4	0	V	U	-	9	0	)	-	-	-	0	3	3	-	-	
(003,004)	15 KW. 60~ DOM.	4	0	V	U	-	9	0	)	-	-	-	0	4	1	-	-	
(003,004)	15 KW. 60~ EXP.	4	0	V	U	-	9	0	)	-	-	-	0	4	3	-	-	
(004)	20 KW. 60~ DOM.	4	0	V	U	-	9	0	)	-	-	-	0	5	1	-	-	
(004)	20 KW. 60~ EXP.	4	0	V	U	-	9	0	)	-	-	-	0	5	3	-	-	
(005)	20 KW. 60~ DOM.	4	0	V	U	-	9	0	)	-	-	-	0	6	1	-	-	
(005)	20 KW. 60~ EXP.	4	0	V	U	-	9	0	)	-	-	-	0	6	3	-	-	
(005)	25 KW. 60~ DOM.	4	0	V	U	-	9	0	)	-	-	-	0	7	1	-	-	
(005)	25 KW. 60~ EXP.	4	0	V	U	-	9	0	)	-	-	-	0	7	3	-	-	
(006)	25 KW. 60~ DOM.	4	0	V	U	-	9	0	)	-	-	-	0	8	1	-	-	
(006)	25 KW. 60~ EXP.	4	0	V	U	-	9	0	)	-	-	-	0	8	3	-	-	
(006)	30 KW. 60~ DOM.	4	0	V	U	-	9	0	)	-	-	-	0	9	1	-	-	
(006)	30 KW. 60~ EXP.	4	0	V	U	-	9	0	)	-	-	-	0	9	3	-	-	
(002)	7.5 KW. 50~ EXP.	4	0	V	U	-	9	0	)	-	-	-	1	0	3	-	-	
(002)	10 KW. 50~ EXP.	4	0	V	U	-	9	0	)	-	-	-	1	1	3	-	-	
(004)	15 KW. 50~ EXP.	4	0	V	U	-	9	0	)	-	-	-	1	2	3	-	-	
(004)	20 KW. 50~ EXP.	4	0	V	U	-	9	0	)	-	-	-	1	3	3	-	-	

☒ UNRELEASED DATA

USED & REV. PER SALES ORDER				
AUTHORISED BY MD-6378				
MANUFACTURED ☒ PURCHASED				
APPROVED FOR	CHG.	DATE	REV.	DATE
		2-3-71	MDK	2-3-71
TRIAL PROD. RUN				
FINAL PROD.		5/1/71	MDK	5-6-71

MATERIAL

APPLIED FINISH

TECHNICAL UNLESS OTHERWISE SPECIFIED

FUNCTIONS	DECIMALS	ANGLES
±	±	±
SPACED	HOLE SPACING	HOLE LOCATION
±	±	±

NON-CUMULATIVE

DR.	T.W.	11-6-70	SCALE
CHD.	RCD	2-2-71	(DO NOT SCALE DRAWING)

CARRIER CORPORATION

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