

MiniMate Plus Parts Manual 60 Hz Rev. 3/91

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EVAPORATOR MODELS

MME024E-P01/PH1/P00/PH0 MME036E-P01/PH1/P00/PH0 MME040C-P01/PH1/P00/PH0 2 Ton 3 Ton 5 Ton

ELECTRONICS/ELECTRICAL

1- 1 COMPLETE ASSEMBLY, MICROPROCESSOR DISPLAY 1- 2 Microprocessor Printed Circuit Board 1- 3 Cover, Plastic, Front 1- 4 Cover, Plastic, Back 1- 5 Label, Membrane Key Pad 1- 6 Cable, 12 Conductor, 30 Feet 1- 7 Screwdriver, Miniature 1- 8 Interface Printed Circuit Board 1- 9 Temperature and Humidity Printed Circuit Board ALL COMPONENTS, ELECTRONICS, SOLID STATE ONLY ALL COMPONENTS, ELECTRONICS, SOLID STATE ONLY	RSP
1- 2 Microprocessor Printed Circuit Board 4D13391G1 1- 3 Cover, Plastic, Front 122131P1 1- 4 Cover, Plastic, Back 122132P1 1- 5 Label, Membrane Key Pad 122135P1 1- 6 Cable, 12 Conductor, 30 Feet 128571P1 1- 7 Screwdriver, Miniature 128555P1 ALL COMPONENTS, ELECTRONICS, MICROPROCESSOR ONLY 1- 8 Interface Printed Circuit Board 4C13521G1 1- 9 Temperature and Humidity Printed Circuit Board 4C13121G2	4
1- 2 Microprocessor Printed Circuit Board 4D13391G1 1- 3 Cover, Plastic, Front 122131P1 1- 4 Cover, Plastic, Back 122132P1 1- 5 Label, Membrane Key Pad 122135P1 1- 6 Cable, 12 Conductor, 30 Feet 128571P1 1- 7 Screwdriver, Miniature 128555P1 ALL COMPONENTS, ELECTRONICS, MICROPROCESSOR ONLY 1- 8 Interface Printed Circuit Board 4C13521G1 1- 9 Temperature and Humidity Printed Circuit Board 4C13121G2	4
1- 3 Cover, Plastic, Front 1- 4 Cover, Plastic, Back 1- 5 Label, Membrane Key Pad 1- 6 Cable, 12 Conductor, 30 Feet 1- 7 Screwdriver, Miniature 128555P1 ALL COMPONENTS, ELECTRONICS, MICROPROCESSOR ONLY 1- 8 Interface Printed Circuit Board 1- 9 Temperature and Humidity Printed Circuit Board ALL COMPONENTS, ELECTRONICS, Solid State Only ALL COMPONENTS, ELECTRONICS, Solid State Only	4
1- 4 Cover, Plastic, Back 122132P1 1- 5 Label, Membrane Key Pad 122135P1 1- 6 Cable, 12 Conductor, 30 Feet 128571P1 1- 7 Screwdriver, Miniature 128555P1 ALL COMPONENTS, ELECTRONICS, MICROPROCESSOR ONLY 1- 8 Interface Printed Circuit Board 4C13521G1 1- 9 Temperature and Humidity Printed Circuit Board 4C13121G2	4
1- 5 Label, Membrane Key Pad 122135P1 1- 6 Cable, 12 Conductor, 30 Feet 128571P1 1- 7 Screwdriver, Miniature 128555P1 ALL COMPONENTS, ELECTRONICS, MICROPROCESSOR ONLY 1- 8 Interface Printed Circuit Board 4C13521G1 1- 9 Temperature and Humidity Printed Circuit Board 4C13121G2 ALL COMPONENTS, ELECTRONICS, SOLID STATE ONLY	4
1- 6 Cable, 12 Conductor, 30 Feet 128571P1 1- 7 Screwdriver, Miniature 128555P1 ALL COMPONENTS, ELECTRONICS, MICROPROCESSOR ONLY 1- 8 Interface Printed Circuit Board 4C13521G1 1- 9 Temperature and Humidity Printed Circuit Board 4C13121G2 ALL COMPONENTS, ELECTRONICS, SOLID STATE ONLY	4
1- 7 Screwdriver, Miniature 128555P1 ALL COMPONENTS, ELECTRONICS, MICROPROCESSOR ONLY 1- 8 Interface Printed Circuit Board 4C13521G1 1- 9 Temperature and Humidity Printed Circuit Board 4C13121G2 ALL COMPONENTS, ELECTRONICS, SOLID STATE ONLY	4
ALL COMPONENTS, ELECTRONICS, MICROPROCESSOR ONLY 1-8 Interface Printed Circuit Board 4C13521G1 1-9 Temperature and Humidity Printed Circuit Board 4C13121G2 ALL COMPONENTS, ELECTRONICS, SOLID STATE ONLY	
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1- 9 Temperature and Humidity Printed Circuit Board 4C13121G2 ALL COMPONENTS, ELECTRONICS, SOLID STATE ONLY	4
ALL COMPONENTS, ELECTRONICS, SOLID STATE ONLY	
1 10 Company Decard Transport 177 111 DOD	
	4
1-11 Control Box - Wall Mounted, Temperature and Humidity 1C19642G1	
1-12 Control Box - Wall Mounted, Temperature Only 1C19641G1	
1-13 Temperature Sensor 1C19532P1	4
1-14 Humdity Sensor 020-0172	∢
ALL COMPONENTS, ELECTRICAL	
1-15 Capacitor, Run 15.0 MF 370 VAC B03-002A	4
1-16 Contactor, 2 Pole 24 Volt 20/30 Amp (Reheat Contactor) E-011A	4
1-17 Relay, 1 Pole 24 Volt (Main Fan, Dehumid Relays) E03-0170	4
1-18 Transformer, 75VA 24V, 208/230-1-60 127184P1	•
1-19 Circuit Breaker, Transformer 3.2 Amp 1A17009P1	4
1-20 Terminal Strip Section, 1 Position E-0380	4
1-21 Terminal Strip Section, End Bar E-0390	4
1-22 Power Block 121187P1	4
1-23 Switch, Liquid Level Gems LS-7 1A18660P1	4
1-24 Freezestat w/Bracket Open 28F Closed 42F 1A19716P1	4



MME024E-PH1/P00/PH0 MME036E-PH1/P00/PH0 MME040C-PH1/P00/PH0

HUMIDIFIER/REHEAT

DESCRIPTION	PART NUMBER	RSI
ALL COMPONENTS, ELECTRICAL PANEL, HUMIDIFIER		
2-1 Relay, Control and Capacity, 1 Pole 24 Volt	E03-0170	▼
2-2 Circuit Breaker 3.0 Amp	1C19584P1	4
2-3 Circuit Breaker 4.5 Amp	1C19584P2	•
- 4 Manual Drain Switch	1A19592P1	4
- 5 COMPLETE ASSEMBLY, HUMIDIFIER	1D19650G1	
2- 6 Humidifier Housing	1D19672P1	4
2-7 Humidifier Canister	1D16278P42	4
2-8 Solenoid Valve, Fill (Strainer, Flo Reg) 277V- 10/958518	1C19585P1	4
2-9 Solenoid Valve, Drain 240 Volt 277 = 1C1965783	1C19657P1	◀
-10 Capillary Tube, Fill	1C19702G1	
-11 Steam Manifold	1C23556P1	
-12 Tee, Nylon 3/8" Tube 1/4"MPT	1A19664P1	
-13 Adapter Block, Skinner Valve(Small)	1A19704P1	
-14 Plate, Skinner Fill(Large)	1C19732P1	
-15 Connector, Nylon 3/8" Tube 1/4"MPT	1A19749P1	
-16 Hose, Rubber 7/8"ID - Length 2"	124220P1	
-17 Hose, Neoprene 3/8"OD 1/4"ID	124222P1	
-18 Sleeve for 124222P1	124225P1	<u> </u>
-19 Plug, Nylon 3/8"OD	1A19691P1	
-20 Ell 90, 1/2" Tube 3/8"MPT	1A19662P1	
-21 Reducer, 1/4" to 1/8"	1A19660P1	
-22 Tubing, PVC 3/8"OD x 1/4"ID	1A18222P1	
22 Ell, Brass 1/4" Comp x 1/4"MPT	P15-0250	
-24 Clamp, Hose	P-3830	
2-25 Sleeve, Compression 1/4" Brass	P-057A	
2-26 Nut, Compression 1/4" Brass	P-057B	
ALL COMPONENTS, ELECTRICAL PANEL, REHEAT		
2-27 Contactor, 2 Pole, 24 Volt, 20/30 Amp	E-011A	
-28 Safety Switch, Thermal 120 Degree F	R15-0070	-
		Д
-29 COMPLETE ASSEMBLY, REHEAT (MME024E)	1D19619G1	1
-29 COMPLETE ASSEMBLY, REHEAT (MME036E)	1D19619G2	
2-30 Heater, Fin Tube (MME024E)	1D19571P2	↓ _ •
Heater, Fin Tube (MME036E)	1D19571P1	↓ _ •
2-32 Retainer, Reheat Element	1C19606P1	<u> </u>
2-33 Box, Reheat	1C19607P1	╂—
2-34 Cover, Reheat Box	1C19608P1	
		1-
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EVAPORATOR MODELS

MME024E-P01/PH1/P00/PH0 MME036E-P01/PH1/P00/PH0 MME040C-P01/PH1/P00/PH0 2 Ton 3 Ton 5 Ton

BLOWER/PIPING/COILS/PANELS

		ER/FIPING/CUILS/F	711120
FN	DESCRIPTION	PART NUMBER	RSP
3- 1	COMPLETE ASSEMBLY, BLOWER	1C19618G1	
3- 2	Blower, Direct Drive	1C19516P1	4
3- 3	Bracket, Mounting, Fan Motor	1C19518P1	
3- 4	Bracket, Fan Bottom	1C19573P1	
3- 5	Bracket, Fan Top	1C19574P1	
3- 6	Fan Motor 1/2 HP 208/230-1-60	1D19535P1	4
	ALL COMPONENTS, PIPING		
3- 7	Expansion Valve 3/8"x1/2"x1/4"ODF (MME024E)	1C19507P1	4
3-8	Expansion Valve 3/8"x1/2"x1/4"ODF (MME036E)	1C19507P2	4
3- 9	Solenoid Valve 3/4"MFP 24 Volt (MME040C)	1C19539P1	4
	411.601.001.001.001.001.001		
0.10	ALL COMPONENTS, COILS, EVAPORATOR		
3-10	Coil, Dx (MME024E)	1D19521P1	
3-11	Coil, Dx (MME036E)	1D19522P1	
3-12	Coil, Cw (MME040C)	1D19524P1	
3-13	Drain Pan	1C19583G1	
3-14 3-15	Liquid Level Switch (High Water Float)	1A18660P1	4
3-13	Freezestat	1A19716P1	◄
	ALL COMPONENTS, PANELS		
3-16	Panel, Access	1C19726G1	
3-17	Panel, Right	1D19577P1	
3-18	Panel, Top, Unit	1C19727G1	
3-19	Panel, Access, Reheat	1C19729G1	
3-20	Bracket, Evaporator Hanger	1C19591P1	
3-21	Hardware, Evaporator Hanging Kit	1A19733P1	
3-22	Isolator, Rubber	1A19640P1	
J 22	100141011 1140001	171704011	

MME024E-P01/PH1/P00/PH0 MME036E-P01/PH1/P00/PH0 MME040C-P01/PH1/P00/PH0

MISCELLANEOUS OPTIONS

fiscellaneous Options		
F N DESCRIPTION	PART NUMBER	RSP
4- 1 COMPLETE ASSEMBLY, CONDENSATE PUMP	1D19717P1	
	13400111	
4-2 COMPLETE ASSEMBLY, PLENUM 1018300G1	1D18213G1	1 1 2 2
4-3 Filter - 4" 16.0 x 25.0 20%	1A19527P1	4
7- J 111ter - 4 10.0 x 25.0 2010		
4- 4 COMPLETE ASSEMBLY, FILTER BOX	1D19674G1	
4-5 Filter - 4" 20.0 x 20.0 20%	1A19647P1	4
4-3 I liter - 4 20.0 x 20.0 20 W		
4- 6 COMPLETE ASSEMBLY, TRANSFORMER	1D18214P1	
ALL COMPONENTS, MULTI-UNIT CONTROL		
4- 8 Auxiliary Interface Board	131127G1	
4- 9 Auxiliary Interconnecting Harness, 50-ft.	130248G1	
4-10 Auxiliary Remote Temp and Humid Sensors, 30-ft Cable	130234G1	
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SECTION 2

EVAPORATOR/CHILLED WATER FIVE TON MME060E, MME092C

- Electronic/Electrical
- Humidifier
- Reheat
- Blower
- Piping
- Coil
- Panel
- Miscellaneous Option

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EVAPORATOR MODELS

MME060E-YH0/AH0 MME092C-YH0/AH0

2 Ton	
3 Ton	
5 Ton	444

ELECTRONICS/ELECTRICAL

	H. E. C.	LECTRONICS/ELEC	TRICAL
FN	DESCRIPTION	PART NUMBER	RSP
1- 5	COMPLETE ASSEMBLY, MICROPROCESSOR DISPLAY	122136G1	
1- 2	Microprocessor Printed Circuit Board	4D13391G1	4
1- 3	Cover, Plastic, Front	122131P1	
1- 4	Cover, Plastic, Back	122132P1	
1- 5	Label, Membrane Key Pad	122135P1	
1- 6	Cable, 12 Conductor, 30 Feet	128571P1	
1-7	Screwdriver, Miniature	128555P1	4
	ALL COMPONENTS, ELECTRONICS, MICROPROCESSOR ONLY		
1- 2	Interface, Humiseal Printed Circuit Board	131150G1	4
1- 3	Temperature and Humidity Printed Circuit Board	4C13121G2	4
1-4	Wire Harness, Temperature and Humidity PCB	127700G1	
	ALL COMPONENTS, ELECTRICAL		
1-10	Capacitor, Run 15.0 MF 370 VAC	B03-002A	4
1-11	Bracket, Capacitor	S67-0010	
1-12	Contactor, 2 Pole 24V 10/25A 460V	E-013A	▼
1-13	Contactor, 3 Pole 24V 15/20A 460V	124501P1	4
1-14	Contactor, 3 Pole 24V 30/40A 208/230V	E-009F	4
1-15	Contactor, 2NO 1NC w/Mtg Plate	127665P1	4
1-16	Relay, SPDT 24V, 460V, 50/60Hz	127661P1	. 4
1-17	Relay, 1P2T 24V, 208/230V, 50/60Hz	E03-0170	4
1-18	Transformer, 75 VA 208/230V 50/60Hz	127184P1	•
1-19	Transformer, 75 VA 460V 50/60Hz	127184P2	_ ▼
1-20	Solenoid Coil 460V	127935P3	. ▼
1-21	Solenoid Coil 208/230V	127935P2	- ■
1-22	Switch, Liquid Level Gems LS-7	1A18660P1	4
1-23	Freezestat w/Bracket Open 28F Closed 42F	1A19716P1	<
1-24	Wire Harness, Reheat	127612G1	
1-25	Wire Harness, Motor 208/230/460V	127615G1	
1-26	Wire Harness, Motor 460V	127617G1	
1-27	Wire Harness, Control	127616G1	
	Hum. Cuti. Bd	12799411	
	(Eprom)	13009947	
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MME060E-YH0/AH0 MME092C-YH0/AH0

HUMIDIFIER/REHEAT

HUMIDI	FIER/REHEAT		
FN	DESCRIPTION	PART NUMBER	RSP
	ALL COMPONENTS, ELECTRICAL PANEL, HUMIDIFIER	E 0110	
2- 1	Contactor, 3 Pole, 24 Volt	E-0110	4
2- 2	Transformer, Torrid, Humidifier	127853P1	4
2- 3	Control, Printed Circuit Board, Humidifier	127944P1	4
2- 4	Switch, Run/Drain	1A19592P1	4
		10750001	
2-5	COMPLETE ASSEMBLY, HUMIDIFIER	127590P1	
2- 6	Humidifier Canister, 230/460-3-60	127848P1	4
2- 7	Snap Bushing 7/8" Mtg .69 ID	S-246A	
2-8	Wire Harness	127614G1	
2- 9	Valve, Solenoid, Fill, 24 Volt	127991P1	4
2-10	Valve, Solenoid, Drain, 24 Volt	127992P1	4
2-11	Tubing, Copper 1/4" x .028 Humid Fill	127627P1	
2-12	Strainer, 1/4" Compression Ftg	127993P1	
2-13	Tube, Steam Distribution Piping	127673G1	
2-14	Ell, Copper 90 FTGXC 7/8"	P-0080	
2-15	Tube, Copper 7/8" x .045 Steam Dist	127628P1	
2-16	Tube, Copper Str 3/8" x .028 x 21"	9A20001P77	
2-17	Hose 3/4" ID 150PSI	P15-0170	
2-18	Hose, Steam, 7/8"ID 10PSI	124220P1	
2-19	Clamp, Wire	P15-0150	ļ
2-20	Clamp, Hose	P-3830	
2-21	Sleeve, Compression 1/4" Brass	P-057A	
2-22	Nut, Compression 1/4" Brass	P-057B	
2-23	Trap, Rubber Drain	P-5500	
	ALL COMPONENTS, ELECTRICAL PANEL, REHEAT		
2-24	Contactor, 2 Pole 24 Volt 10/25 Amp	E-013A	•
2-25	Safety Switch, Thermal	127800P1	4
2-26	COMPLETE ASSEMBLY, REHEAT (208 Volt)	127506G1	
2-26	COMPLETE ASSEMBLY, REHEAT (460 Volt)	127506G2	
2-27	Heater, Fin Tube 208/230V	1D11398P22	4
2-28	Heater, Fin Tube 460V	1D11398P24	4
2-29	Wire Hareness, Jumper	127613G1	
			
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EVAPORATOR MODELS

MME060E-YH0/AH0 MME092C-YH0/AH0 2 Ton 3 Ton 5 Ton

BLOWER/PIPING/COILS/PANELS

	I	SLOWER/PIPING/COILS/I	PANEL:
FN	DESCRIPTION	PART NUMBER	RSP
3- 1	COMPLETE ASSEMBLY, BLOWER (208/230 Volt)	127519G1	
3- 1	COMPLETE ASSEMBLY, BLOWER (460 Volt)	127519G2	
3- 2	Blower Wheel and Housing, 11" X 9"	127651P1	4
3- 3	Bracket, Blower	127523P1	
3-4	Motor, 1.0 HP 208/230-1-60 Hz	127652P1	4
3- 4	Motor, 1.0 HP 460-1-60 Hz	127652P2	4
3- 5	Bracket, Motor	127842P2	
3- 6	Grommet Washer	127843P1	
3- 7	Grommet Tube	127843P2	
3- 8	Sleeve Spacer	127843P3	
	ALL COMPONENTS, PIPING		
3- 9	Valve, Expansion 1/2" x 5/8" x 1/4 OD	P02-0170	4
3-10	Valve, Liquid Line 1/2"ODF x 1/2"ODM	127935P1	•
3-11	Distributor, "Y" 5/8" x 1/2" x 1/2"	128170P1	
3-12	Valve, Water Reg, 2 Way, Slow 3/4"	127585P2	4
	ALL COMPONENTS, COILS		
3-13	Coil, Dx (MME060E)	127654P1	
3-14	Coil, Cw (MME092C)	127659P1	
3-15	Drain Pan	127573G1	
	ALL COMPONENTS, PANELS		
3-16	Panel, Rear	127502P1	
3-17	Panel, Right	127502F1 127503P1	
3-18	Panel, Left Access	127509P1	
3-19	Panel, Right Access	127509F1 127511P1	
3-20	Cover, Duct	127511F1 127512P1	
3-21	Panel, Top Assembly	127631G1	
3-22	Pan Base Assembly	127531P1	
3-23	Handle, Pocket Pull Snap-In	128162P1	
3-15	Bracket, Evaporator Hanger	127814P1	
3-17	Hardware, Evaporator Hanging Kit	1A19733P1	
3:			

MME060E-YH0/AH0 MME092C-YH0/AH0

MISCELLANEOUS OPTIONS

Misceli	ANEOUS OPTIONS		
FN	DESCRIPTION	PART NUMBER	RSP
4- 1	COMPLETE ASSEMBLY, CONDENSATE PUMP 208/230V	127987G1	
4- 1	COMPLETE ASSEMBLY, CONDENSATE PUMP 460V	127987G2	
4- 2	Pump, .03HP	127680P1	
4- 3	Bracket, Pump	127679P1	
4- 3	Transformer 250VA, 460V ONLY	127752P1	
4- 3	Fuse 3/4 Amp, 460V ONLY	127977P1	
4- 3	Fuseholder, Screwcap Mount, 460V ONLY	4A10033P1	
4- 3	Wire Harness, 460V ONLY	127754G1	
4-3	Wire, Ground (Green)	127756G1	
4- 4	Tubing, PVC .375"ID x 2.0"	127682G1	
4- 5	Tube Condensate Drain	127683G1	
4- 5	Drain, Rubber, Evap Line, 208/230V ONLY	P-5510	
4- 5	Hose 3/4"ID	P15-0170	
4- 6	Clamp, Hose Worm Drive 1"	P-3830	
4-7	Clamp, Hose Worm SS 1/2"	127828P1	
7 /	Champ, 11050 Worm 55 1/2		
4- 3	COMPLETE ASSEMBLY, FILTER BOX	127985G1	
4- 4	Filter - 4" 20.0 x 20.0 20%	1A19527P1	
_ 	1 HC1 4 20.0 X 20.0 20 W		
4- 5	COMPLETE ASSEMBLY, SINGLE POINT POWER KIT (SPPK)		
7-3	SPPK Without Humidifier 208/230V	127624G1	
	SPPK With Humidifier 208/230V	127624G3	
	SPPK With or without Humidifier 460V	127624G2	
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	ALL COMPONENTS, MULTI-UNIT CONTROL		
4- 6	Auxiliary Interface Board	131127G1	
4- 7	Auxiliary Interconnecting Harness, 50-ft	130248G1	
4- 8	Auxiliary Remote Temp and Humid Sensors, 30-ft Cable	130234G1	
4- 0	Auxinary Remote Temp and Truming Sensors, 50 ft Caore		

SECTION 3

CONDENSER TWO TON MMC024A, MMC023G, MMC026W

- Electrical
- Blower
- Panel
- Piping
- Coil
- Compressor
- Miscellaneous Option

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MMC024A-P00 MMC023G-P00 MMC026W-P00 2 Ton 3 Ton 5 Ton

		ELEC	TRICAL
FN	DESCRIPTION	PART NUMBER	RSP
	ALL COMPONENTS, ELECTRICAL		
1-1	Contactor 1PL 24VAC 25/30Amp, A/W E-OUA	E03-0020-	4
1-2	Contactor 2PL 24VAC, GLY	1C21105P1	4
1-3	Powerblock, 2Pl, 1 Phase	121187P1	4
1-4	Terminal Strip Section, 1 Position	E-0380	4
1- 5	Terminal Strip Section, End Barrier	E-0390	V
1-6	Transformer, FSC, 40VA, 50/60Hz, Air	1C22351P1	4
1-7	Capacitor, 30MF, 370VAC, START	1A19537P1	•
1-8	Bracket, 30MF Capacitor Mounting, 2"DIA	1A19542P1	
1-9	Capacitor, 10MF, Air RUN	B03-0030	4
1-10	Bracket, 10MF Capacitor Mounting	C03-0130	
1-11 1-12	Fan Speed Control, Single Sensor, Air Wire Hareness, FSC, Air	1C25446P1	4
1-12	Wire Hareness, FSC, Air Wire Hareness, Low Voltage, A/W	1C19665P1 1C19658G1	
1-14	Wire Hareness, Low Voltage, A/W Wire Hareness, Low Voltage, GLY	1C19638G1	
1-15	Wire Hareness, Compressor	1C19656G1	
1-16	Wire Hareness, Condenser, GLY	1C18179P1	
1-17	Panel, Access Plate, Electric, Air	1C19596P1	
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MMC024A-P00 MMC023G-P00 MMC026W-P00

BLOWER/PANELS

BLOWER	X/PANELS		
FN	DESCRIPTION	PART NUMBER	RSP
3- 1	COMPLETE ASSEMBLY, BLOWER, AIR	1D19578G1	
3- 2	Blower w/Ring, 9" X 9"	1C19515P1	4
3- 3	Bracket, Blower Support	1C19572P1	-
3- 4	Motor, .33HP, 208/230V-1-60Hz	1D19533P1	4
3- 5	Bracket, Motor	1C19519P1	
	ALL COMPONENTS, PANELS		
3- 6	Panel, Access Plate, Air	1C19552P1	
3- 7	Panel, Access Plate, Blower, Air	1C19554P1	
3- 8	Panel, Right, Air	1D19553P1	
3-9	Panel, Left Front, W/G	1D19746P1	
3-10	Enclosure, Right Side, W/G	1C18160P1	
3-11	Bulkhead, W/G	1D18171P1	
3-12	Cover, Top/Rear, W/G	1D19711P1	
3-13	Cover, Air	1D19561P1	
3-14	Bracket, Condenser Hanger, Air	1C19556P1	
3-15	Bracket, Condenser Hanger, W/G	1C19745P1	
3-16	Hardware, Condenser Hanging Kit	1A19733P1	
3-17	Isolator, Rubber	1A19640P1	
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MMC024A-P00 MMC023G-P00 MMC026W-P00

2 Ton	444
3 Ton	444
5 Ton	

	PIPING/CONDE	NSER/COIL/COMP	RESSOR
FN	DESCRIPTION	PART NUMBER	RSP
	ALL COMPONENTS, PIPING-COIL		
2- 2	Valve, Access Body 1/4 x SWT	P02-0270	4
2- 3	Valve, Core Refrigerant	P02-0290	4
2-4	Filter Drier, 3/8"ODF SLDR	P03-0030	4
2- 5	Liquid Indicator, 3/8"ODF,	P-3870	4
2-6	Valve, Water Reg, 2 Way, 3/4", W/G /36695P1	-P-0260-	4
2-7	Pan, Drain, Air	1C19543P1	- 1
2-8	Coupling, Half-SS-304, 1/2"IPS, Air	P-4040	
2 0		1 - 40 - 40	
	ALL COMPONENTS, CONDENSER-COIL		
2-9	Condenser, Coaxial, Tube in Tube, GLY	1C19530P1	
2-10	Condenser, Coaxial, Tube in Tube, Water	1C19531P1	
2-11	Condenser, Coil, Air	1D19525P1	
	Concensor, Com, Att	101752511	
	ALL COMPONENTS, COMPRESSOR		
2-12	Compressor, Hermetic, 1 Phase	1C19511P1	
2-13	Switch, Pressure, Hi-Cutout, 360PSI	P15-0080	4
2-14	Spring, Compressor Mounting	C03-0020	
2-14	Spring, Compressor Mounting	C03-0020	
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MMC024A-P00 MMC023G-P00 MMC026W-P00

MISCELLANEOUS OPTIONS

MISCEL	LANEOUS OPTIONS		II
FN	DESCRIPTION	PART NUMBER	RSP
4-1	LINE SWEAT ADAPTER	1C19505P1	
4-2	PRE-CHARGED REFRIGERANT LINE SET 15ft	1C19504P1	
4- 3	PRE-CHARGED REFRIGERANT LINE SET 30ft	1C19503P1	
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SECTION 4

CONDENSER THREE TON MMC036A, MMC035G, MMC038W • MANUFACTURED PRIOR TO 10-91 MMC040A, MMC044WG • MANUFACTURED AFTER 10-91

- Electrical
- Blower
- Panel
- Piping
- Coil
- Compressor
- Miscellaneous Option

(03-91) PAGE 4 - 1

MANUFACTURED PRIOR TO 10-91 MMC036A-P00/Y00 MMC035G-P00/Y00 MMC038W-P00/Y00 2 Ton 3 Ton 5 Ton

ELECTRICAL

	II	ELEC	TRICAL
FN	DESCRIPTION	PART NUMBER	RSP
	ALL COMPONENTS, ELECTRICAL		
1- 1	Contactor 1PL 24VAC 25/30Amp, A/W	E03-0020	4
1- 2	Contactor 2PL 24VAC, GLY	1C21105P1	4
1- 3	Contactor 3PL 24VAC 30/40Amp, W/G	E-009F	4
1-4	Contactor 3PL 24VAC 25/30Amp, Air	E-0110	4
1- 5	Powerblock, 2Pl, 1 Phase	121187P1	4
1- 6	Powerblock, 3Pl, 3 Phase	E13-0040	4
1- 7	Terminal Strip Section, 1 Position	E-0380	4
1-8	Terminal Strip Section, End Barrier	E-0390	4
1-9	Transformer, 40VA, 50/60Hz, Air	1C22351P1	4
1-10	Capacitor, 40MF, 370VAC	1A19538P1	4
1-11	Bracket, 40MF Capacitor Mounting, 2"DIA	1A19542P1	
1-12	Capacitor, 20MF, Air	1A19536P1	4
1-13	Bracket, 20MF Capacitor Mounting, 1.75"DIA	B15-0120	
1-14	Fan Speed Control, Single Sensor, Air	1C25446P1	4
1-15	Wire Hareness, FSC, 1PH, Air	1C19665G1	
1-16	Wire Hareness, FSC, 3PH, Air	1C19666G1	
1-17	Wire Hareness, Low Voltage, A/W	1C19658G1	
1-18	Wire Hareness, Low Voltage, 1 Phase, GLY	1C21111P1	
1-19	Wire Hareness, Low Voltage, 3 Phase, GLY	1C21104P1	
1-20	Wire Hareness, Compressor 3 Phase, Air	1C19656P1	
1-21	Wire Hareness, Compressor, CCH, 3 Phase, Air	1C19668G1	
1-22	Wire Hareness, Condenser, HV	1C19683G1	
1-23	Wire Hareness, Condenser, 1PH, W/G	1C18179P1	
1-24	Wire Hareness, Condenser, 3PH, W/G	1C18184P1	
1-25	Panel, Access Plate, Electric, Air	1C19596P1	
		1000	
			

2 Ton 3 Ton 5 Ton

CONDENSER MODELS

MANUFACTURED PRIOR TO 10-91 MMC036A-P00/Y00 MMC035G-P00/Y00 MMC038W-P00/Y00

BLOWER/PANELS

OWER/PANELS		
F N DESCRIPTION	PART NUMBER	RSI
3- 1 COMPLETE ASSEMBLY, BLOWER, AIR	1D19578G2	
3- 2 Blower w/Ring, 10" X 8"	1C19516P1	4
3-3 Bracket, Blower Support	1C19572P1	
3- 4 Motor, 0.5HP, 208/230V-1-60Hz	1D19534P1	4
3- 5 Bracket, Motor	1C19518P1	
ALL COMPONENTS, PANELS	101055001	
3-6 Panel, Access Plate, Air	1C19552P1	
3-7 Panel, Access Plate, Blower, Air	1C19554P1	
3-8 Panel, Right, Air	1D19553P1	
3-9 Panel, Left Front, Water	1D19746P1	
-10 Enclosure, Left, Air	1C18166P1	
-11 Enclosure, Right Side, W/G	1C18160P1	
-12 Bulkhead, W/G	1D18171P1	
-13 Cover, Top/Rear, W/G	1D19711P1	
-14 Cover, Air	1D19561P1	
-15 Bracket, Condenser Hanger, Air	1C19556P1	
-16 Bracket, Condenser Hanger, W/G	1C19745P1	
-17 Hardware, Condenser Hanging Kit	1A19733P1	
-18 Isolator, Rubber	1A19640P1	
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MANUFACTURED PRIOR TO 10-91 MMC036A-P00/Y00 MMC035G-P00/Y00 MMC038W-P00/Y00

2 Ton	
3 Ton	444
5 Ton	

PIPING/CONDENSER/COIL/COMPRESSOR

	PIPING/COND	ENSER/COIL/COMPI	RESSOF
FN	DESCRIPTION	DADE MUADED	Dan
1 1		PART NUMBER	RSP
	ALL COMPONENTS, PIPING		
2- 2	Valve, Access Body 1/4 x SWT	P02-0270	4
2- 3	Valve, Core Refrigerant	P02-0290	4
2-4	Filter Drier, 3/8"ODF SLDR	P03-0030	4
2-5	Liquid Indicator, 3/8"ODF	P-3870	4
2-6	Valve, Water Reg. 2 Way, 3/4" /36695P/	P-0260-	▼
2-7	Pan, Drain, Air	1C19543P1	
2-8	Coupling, Half-SS-304, 1/2"IPS, Air	P-4040	
	ALL COMPONENTES COMPONENTES COM		
2- 9	ALL COMPONENTS, CONDENSER-COIL		
2-9 2-10	Condenser, Coaxial, Tube in Tube, Water	1C19530P1	
2-10 2-11	Condenser, Coaxial, Tube in Tube, GLY	1C21115P1	
4-11	Condenser, Coil, Air	1D19526P1	
	ALL COMPONENTS, COMPRESSOR		
2-12	Compressor, Hermetic, 1 Phase	101051001	
2-13	Compressor, Hermetic, 7 Phase	1C19512P1	
2-14	Switch, Pressure, Hi-Cutout, 360PSI	1C19513P1	
2-15	Spring, Compressor Mounting	P15-0080	◀
2-15	Opting, Compressor Mounting	C03-0020	
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MANUFACTURED PRIOR TO 10-91 MMC036A-P00/Y00 MMC035G-P00/Y00 MMC038W-P00/Y00

DECOMPTION	PART NUMBER
DESCRIPTION	
LINE SWEAT ADAPTER	1C19505P1
PRE-CHARGED REFRIGERANT LINE SET 15ft.	1C19504P1
COLUMN COLUMN AND AND AND AND AND AND AND AND AND AN	1C19503P1
PRE-CHARGED REFRIGERANT LINE SET 30ft.	1019303F1
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MANUFACTURED AFTER 10-91 MMC040A-AL0/YL0 MMC044WG-AH0/A00/YH0/Y00 2 Ton 3 Ton 5 Ton

	#	ELEC	TRICAL
FN	DESCRIPTION	PART NUMBER	RSP
	ALL COMPONENTS, ELECTRICAL		
1- 1	Contactor 3P 24VAC 15/20Amp, 460V, Air	124501P1	4
1- 2	Contactor 3P 24VAC 25/30Amp, 208/230V, Air	E-0110	4
1- 3	Contactor 3P 24VAC 30/40Amp, 208/230V, W/G	E-009F	4
1-4	Contactor 3P 24VAC 15/20Amp, 460V, W/G	124503P1	4
1- 5	Contactor Auxiliary, NO, 208/230V, W/G	E-010A	4
1-6	Powerblock, 3Pl	E13-0040	▼
1-7	Terminal Strip Section, 1 Position	E-0380	4
1-8	Terminal Strip Section, End Barrier	E-0390	4
1-9	Transformer, 40VA, 208/230V, 50/60Hz, Air	1C22351P1	4
1-10	Transformer, 75VA, 460V, 50/60Hz, Air	127184P2	4
1-11	Capacitor, 15MF, Air	B03-002A	■
1-12	Bracket, Capacitor Mounting, 1.75"DIA, Air	B15-0120	
1-13	Fan Speed Control, Single Sensor, Air	1C25446P1	■
1-14	Wire Hareness, FSC, 3PH, Air	1C19666G1	
1-15	Wire Hareness, Transformer-FSC, 3PH, Air	128221G1	
1-16	Wire Hareness, Low Voltage, A/W	1C19658G1	
1-17	Wire Hareness, Low Voltage, GLY	1C21104P1	
1-18	Wire Hareness, Compressor w/CCH, Air	1C19668G1	
1-19	Wire Hareness, Condenser, HV 3PH	1C19683G1	
1-20 1-21	Wire Hareness, Condenser, 3PH, W/G	1C18184P1	
1-21	Panel, Access Plate, Electric, Air	1C19596P1	
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MANUFACTURED AFTER 10-91 MMC040A-AL0/YL0 MMC044WG-AH0/A00/YH0/Y00

BLOWER/PANELS

UWEN	/PANELS		
N	DESCRIPTION	PART NUMBER	RSI
- 1	COMPLETE ASSEMBLY, BLOWER (208/230-3-60 Hz)	1D19578G3	
- 1	COMPLETE ASSEMBLY, BLOWER (460-3-60 Hz)	1D19578G4	
)- 2	Blower w/Ring, 11" X 9"	127651P1	4
3- 3	Bracket, Blower Support	128144P1	
3- 4	Motor, 1.0HP, 208/230V-1-60Hz	128198P1	•
3- 5	Motor, 1.0HP, 3 Speed, 460V-1-60Hz	128198P2	4
- 6	Bracket, Motor Support	127656P1	
	ALL COMPONENTS, PANELS		
- 7	Panel, Access Plate, A	1C19552P1	
- 8	Panel, Access Plate, Blower, A	1C19554P1	
- 9	Panel, Right Side, Air	128139P1	
-10	Enclosure, Right Side, W/G	1C18160P1	
-11	Enclosure, Left Side, W/G	1C18166P1	
-12	Bulkhead, W/G	1D18171P1	
-13	Cover, Top/Rear, W/G	1D19711P1	
-14	Panel, Left Front, w/CLD	1D19746P1	
-15	Bracket, Condenser Hanger, W/G	1C19745P1	
-16	Bracket, Condenser Hanger, Air	1C19556P1	
-17	Hardware, Condenser Hanging Kit	1A19733P1	
-18	Isolator, Rubber	1A19640P1	
-10	Idolator, Itadoo.		
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MANUFACTURED AFTER 10-91 MMC040A-AL0/YL0 MMC044WG-AH0/A00/YH0/Y00

2 Ton	
3 Ton	444
5 Ton	

	PIPING/CONDENSER/COIL/COMP				
FN	DESCRIPTION	PART NUMBER	RSP		
	ALL COMPONENTS, PIPING,				
2- 1	Valve, Access Body 1/4 x SWT	P02-0270	-		
2- 2	Valve, Core Refrigerant	P02-0290			
2- 3	Filter Drier, 3/8"ODF SLDR	P03-0030	-		
2-4	Liquid Indicator, 3/8"ODF	P-3870	—		
2-5	Valve, Water Reg, 2 Way, 3/4", 300psi	P-026A	-		
2-6	Valve, Water Reg, 2 Way, 3/4"	P-0260	•		
2- 7	Pan, Drain, Air	128145P1			
2- 8	Coupling, Half-SS-304, 1/2"IPS, Air	128145P1			
<u> </u>	Coupling, Hair-55-504, 1/2 if 5, All	12014311			
	ALL COMPONENTS, CONDENSER-COIL				
2- 9	Condenser, Coaxial, Tube in Tube, W/G	1C21115P1			
2-10	Condenser, Coil, Air	128171P1			
~	Condensor, Con, Tim	1201/11			
	ALL COMPONENTS, COMPRESSOR				
2-11	Compressor, Hermetic, 208/230V	129102P1			
2-12	Compressor, Hermetic, 380/460V	129102P2			
2-13	Switch, Hi Pressure SPDT w/Tube	127938P2	-		
2-14	Spring, Compressor Mounting, Air	C13-0070	<u> </u>		
2-14	Spring, Compressor Mounting, An	C03-0020			
2-13	Spring, Compressor Mounting, W/O	<u> </u>			
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MANUFACTURED AFTER 10-91 MMC040A-AL0/YL0 MMC044WG-AH0/A00/YH0/Y00

CELLANEOU	US OPTIONS		
N	DESCRIPTION	PART NUMBER	RSP
1 LINE	SWEAT ADAPTER	1C19505P1	
2 PRE-C	CHARGED REFRIGERANT LINE SET 15ft.	1C19504P1	
3 PRE-C	CHARGED REFRIGERANT LINE SET 30ft.	1C19503P1	
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SECTION 5

CONDENSER FIVE TON MMC065A, MMC069WG

- Electrical
- Blower
- Panel
- Piping
- Coil
- Compressor
- Miscellaneous Option

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MMC065A-AL0/BL0/YL0 MMC069WG-AH0/A00/BH0/B00/YH0/Y00

2 Ton	
3 Ton	
5 Ton	444

ELECTRICAL

		ELEC	TRICAL
FN	DESCRIPTION	PART NUMBER	RSP
	ALL COMPONENTS, ELECTRICAL		
1-1	Fuse, FNO-R-3/4, 460/575V, Air	127977P1	4
1- 2	Fuseholder, Screwcap, Panel Mount, 460/575V, Air	4A10033P1	4
1-3	Contactor 3P 24VAC 40/50Amp, 208/230V, Air	E-0100	4
1- 4	Contactor 3P 24VAC 25/30Amp, 208/230V, W/G	123273P1	4
1-5	Contactor 3P 24VAC 30/40Amp, 460/575V, Air	E-009F	< -
1- 6	Contactor 3P 24VAC 30/40Amp, W/G	124503P1	4
1-7	Relay, Overload, 32A, Air	124547P1	4
1-8	Heater, Class 10, 5.39-7.98A, 208/230V, Air	124549P9	•
1-9	Heater, Class 10, 2.53-3.74A, 460/575V, Air	124549P7	- ◀
1-10	Transformer, 150VA, 460V, Air	127937P1	4
1-11	Transformer, 150VA, 575V, Air	127937P2	. ◀
1-12	Button, Push to Reset, Red (Grommet)	1B21149P1	< -
1-13	Solenoid Coil, 230V, Air	127935P2	4
1-14	Solenoid Coil, 460V, Air	127935P1	4
1-15	Solenoid Coil, 575V, Air	127935P4	4
1-16	Wire Hareness, Transformer, 460/575V, Air	127855G1	ļ
1-17	Wire Hareness, Compressor, w/CCH, Air	127854G1	
1-18	Wire Hareness, Compressor, W/G	127983G1	ļ
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MMC065A-AL0/BL0/YL0 MMC069WG-AH0/A00/BH0/B00/YH0/Y00

BLOWER/PANELS

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FN	DESCRIPTION	PART NUMBER	RSP
3- 1	COMPLETE ASSEMBLY, BLOWER (230/460-3-60 Hz)	127955G1	
3- 1	COMPLETE ASSEMBLY, BLOWER (575-3-60 Hz)	127955G3	
3- 2	Blower Wheel and Housing, 12" X 12"	B06-0010	4
3- 3	Bearing Bearing	B-0040	4
3- 4	Sheave, Motor, 1VP50 x 7/8"	B-005A	4
3- 5	Bushing, Pulley, 1" Diameter	B-0080	4
3- 6	Motor, 2.0HP, 208/230/460V	B-0220	4
3- 7	Motor, 2.0HP, 575V	B-0230	4
3-8	Shaft, 19.25" x 1"	B-1150	4
3- 9	Pulley, Fan	B-140B	4
3-10	Belt, A-41	B13-0230	4
. 4 1 1.3	ALL COMPONENTS, PANELS		V i
3-11	Panel, Rear Angle, Air	127557P1	
3-12	Panel, Rear Right, W/G	127978P1	
3-13	Panel, Right Front Access, Air	127554P1	
3-14	Panel, Left Front Access, A/W/G	127553P1	
3-15	Panel, Right, Air	127561P1	
3-16	Panel, Left, A/W/G	127562P1	
3-17	Panel, Top, Air	127563P1	
3-18	Panel, Top, W/G	127976P1	
3-19	Handle, Pocket Pull Snap-In	128162P1	
3-20	Bracket, Condenser Hanger	127814P1	
3-21	Hardware, Condenser Hanging Kit	1A19733P1	
3-22	Isolator, Rubber	1A19640P1	
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MMC065A-AL0/BL0/YL0 MMC069WG-AH0/A00/BH0/B00/YH0/Y00

2 Ton 3 Ton	
5 Ton	444

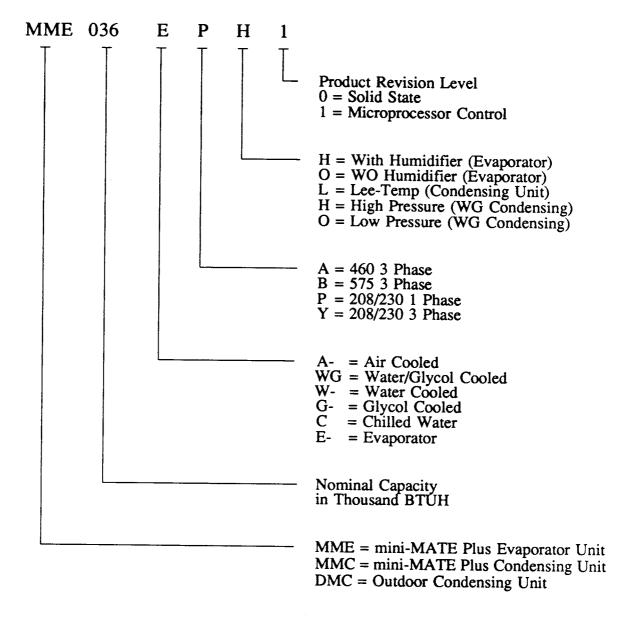
PIPING/CONDENSER/COIL/RECEIVER/COMPRESSOR

	PIPING/CONDENSER/COI	L/RECEIVER/COMPI	RESSOR
FN	DESCRIPTION	PART NUMBER	RSP
	ALL COMPONENTS, PIPING		
2- 1	Valve, Relief, 400lbs, 1/4MPT x 3/8FLR, Air	P-2830	4
2- 1	Valve, Access Body 1/4 x SWT, A/W/G	P02-0270	•
2- 3	Valve, Access Body 1/4 X 5W1, 75 W/6 Valve, Access Body 1/4EXT ONLY, Air	P-3910	4
2- 4	Valve, Access Body 1/4EAT ONET, 7th Valve, Core Refrigerant, A/W/G	P02-0290	4
2- 5	Valve, Check, 1/2", Air	127904P1	4
2- 6	Valve, Check, 1/2, All Valve, Low Ambient Control, 1/2", Air	127936P1	4
2-7	Valve, Liquid Line, 1/2" x .028", Air	127935P1	4
2- 7	Filter Drier, 1/2ODF SWT, A/W/G	128177P1	4
2- 8	Liquid Indicator, 1/2"ODF, A/W/G	P-0050	4
2-10	Valve, Water Reg, 2 Way, 1" 300lbs, W/G	P-311A	4
2-10	Valve, Water Reg. 2 Way, 1 Journs, W/O	1 3111	
	ALL COMPONENTS CONDENSED COIL		
2 15	ALL COMPONENTS, CONDENSER-COIL	127950P1	
2-15	Condenser, Coil, Air	128159P1	
2-16	Condenser, Coaxial, W/G	120137F1	
	THE COLUMN PROPERTY OF THE PRO		
	ALL COMPONENTS, RECEIVER	12700201	
2-17	Receiver, Compact, Air	127903P1	
	TO TO THE GOVERNMENT OF THE STATE OF THE STA	<u> </u>	
	ALL COMPONENTS, COMPRESSOR	10765001	
2-18	Compressor, Hermetic, 208/230V	127650P1	-
2-19	Compressor, Hermetic, 460V	127650P2	
2-20	Compressor, Hermetic, 575V	127650P3	
2-21	Pressure Switch, SPST, Air	127972P1	4
2-22	Pressure Switch, Hi, SPST w/Tube, A/W/G	127938P2	4
2-23	Spring, Compressor Mounting	1A17649P1	
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MMC065A-AL0/BL0/YL0 MMC069WG-AH0/A00/BH0/B00/YH0/Y00

ELLANEOUS OPTIONS				
1	DESCRIPTION		PART NUMBER	RSF
LINE SY	WEAT ADAPTER KIT		127986P1	
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MODEL NUMBER BREAKDOWN



APPENDIX B

TONNAGE AND MODEL NUMBER CONVERSION

2 TON	3 TON Prior to 10-91	3 TON After 10-91	5 TON
MME024E	MME036E	MMC040A	MME060E
MMC024A MMC023G	MMC036A MMCO35G	MMC044WG	MME092C MMC065A
MMC026W	MMC038W MME040C		MMC069WG
	MINIEOTOC		

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