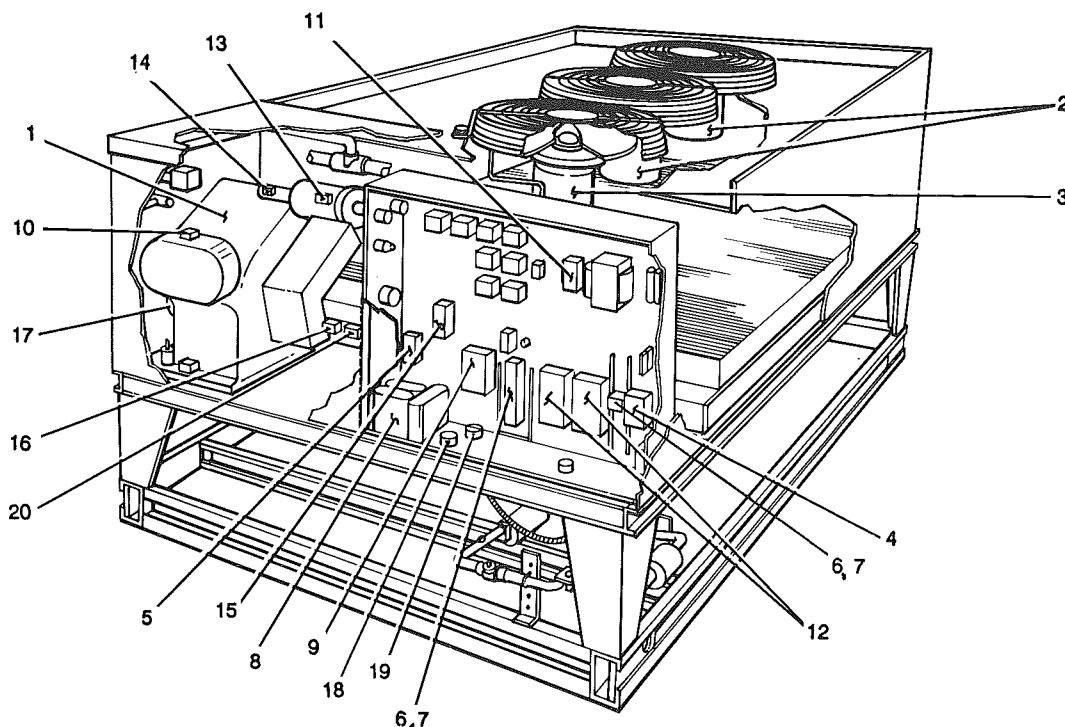




Replacement parts are available from local CES HVAC contractor / dealers or the nearest CES distribution center.

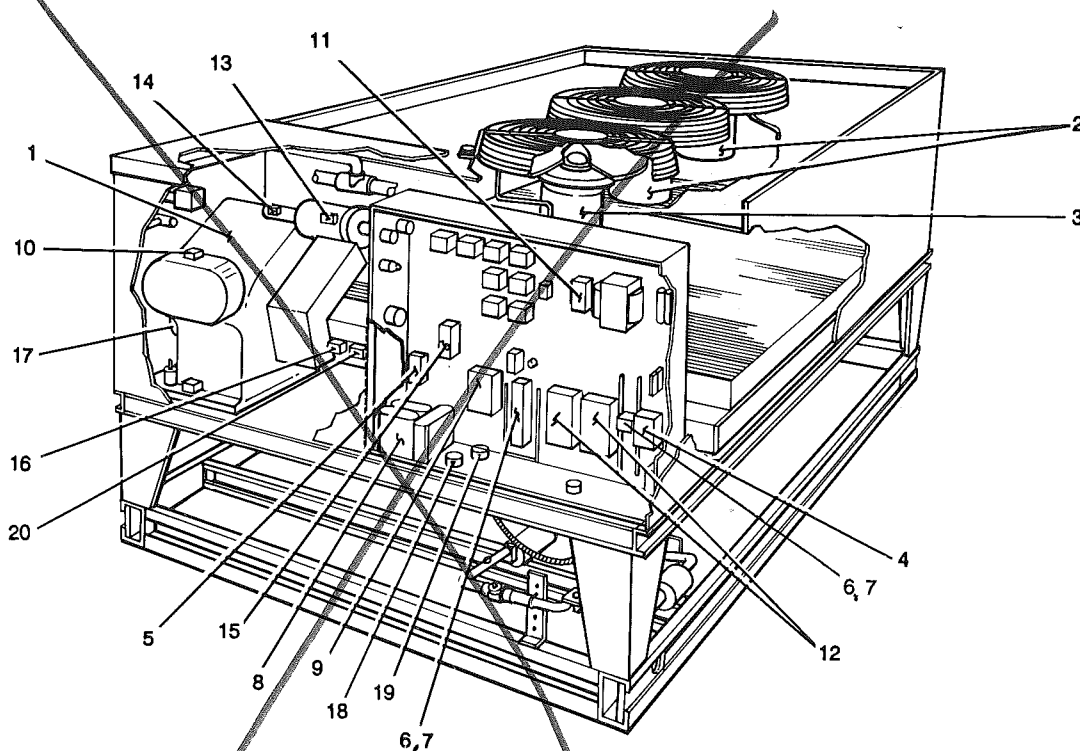
FIG. 1 - AIR COOLED WATER CHILLER

SECTION	FIG	ITEM	DESCRIPTION	W1LC220A25A	W1LC220A40A	W1LC220A46A	W1LC220A50A
COMPRESSORS							
	1	1	COMPRESSOR, SEMI-HERMETIC (6)	015-02035-000	015-02035-000	015-02035-000	015-02035-000
MOTORS							
	1	2	MOTOR, DIRECT DRIVE FAN	024-18396-900	024-18397-900	024-18397-900	024-18397-900
	1	3	MOTOR, DIRECT DRIVE FAN (7)	024-19879-000	024-24774-000	024-24774-000	024-24774-000
ELECTRICAL							
	1	4	BLOCK, TERMINAL (1TB)	025-20710-000	025-20710-000	025-20710-000	025-20710-000
	1	5	BLOCK, TERMINAL (3TB)	025-09469-000	025-09469-000	025-09469-000	025-09469-000
	1	6	BLOCK, TERMINAL END (5TB,6TB) (4)	025-20946-900	025-20946-900	025-20946-900	025-20946-900
	1	7	BLOCK, TERMINAL SECTION (5TB,6TB) (4)	025-20945-900	025-20945-900	025-20945-900	025-20945-900
	1	8	CAPACITOR, RUN (15MFD/370V) (1RC-3RC)	024-20446-000	024-20446-000	024-20446-000	024-20446-000
	1	9	COIL, CHOKE (CH)	025-20704-001	025-20704-002	025-20704-002	025-20704-002
	1	10	COIL, SOLENOID (1LLS)	025-27514-000	025-27514-000	025-27514-000	025-27514-000
	1	11	CONTACTOR, ELECTRICAL (3M)	024-15336-900	024-15336-900	024-15336-900	024-15336-900
	1	12	CONTACTOR, ELECTRICAL (1M,2M)	024-19172-000	024-19172-000	024-19172-000	024-20449-000
	1	13	CONTROL, PRESSURE (1LP)	025-17620-005	025-17620-005	025-17620-005	025-17620-005
	1	14	CONTROL, PRESSURE (1HP)	025-17620-009	025-17620-009	025-17620-009	025-17620-009
	1	15	CONTROL, PRESSURE (2HP)	025-20709-000	025-20709-000	025-20709-000	025-20709-000
	1	16	CONTROL, PRESSURE (OIL,10P)	025-21463-900	025-21463-900	025-21463-900	025-21463-900
	1	17	CONTROL, TEMPERATURE (TC) (5)	025-18752-000	025-18752-000	025-18752-000	025-18752-000
	1	18	CONTROL, TEMPERATURE (1TH)	025-19499-001	025-19499-001	025-19499-001	025-19499-001
	1	19	CONTROL, TEMPERATURE (2TH)	025-19499-002	025-19499-002	025-19499-002	025-19499-002
	1	20	CONTROL, TEMPERATURE (FREEZE STAT) (5)	025-27499-000	025-27499-000	025-27499-000	025-27499-000

* NOT SHOWN

New replacement parts shown in **bold face type** at the first printing of Renewal Parts List code dated (689)

- (4) TERMINAL BLOCKS ARE BUILT UP IN SECTIONS. EACH SECTION IS ONE CIRCUIT AND EACH BLOCK REQUIRES AN END PIECE.
- (5) GENEROUSLY COAT BULB AND SENSOR WITH COMPOUND 013-00898-900 BEFORE INSTALLING IN WELL AND SEAL THE WELL WITH INSULATING TAPE.
- (6) COMPRESSORS CAN BE WIRED FOR VARIOUS VOLTAGES.
- (7) MOTOR CAN OPERATE AT REDUCED SPEED.



Replacement parts are available from local CES HVAC contractor / dealers or the nearest CES distribution center.

FIG. 1 - AIR COOLED WATER CHILLER

SECTION	FIG	ITEM	DESCRIPTION	W1LC220A25A	W1LC220A40A	W1LC220A46A	W1LC220A50A
COMPRESSORS							
	1	1	COMPRESSOR, SEMI-HERMETIC (6)	015-01406-000	015-01962-000	015-01406-000	015-01486-000
MOTORS							
	1	2	MOTOR, DIRECT DRIVE FAN	024-18396-900	024-18397-900	024-18397-900	024-18397-900
	1	3	MOTOR, DIRECT DRIVE FAN (7)	024-19879-000	024-24774-000	024-24774-000	024-24774-000
ELECTRICAL							
	1	4	BLOCK, TERMINAL (1TB)	025-20710-000	025-20710-000	025-20710-000	025-20710-000
	1	5	BLOCK, TERMINAL (3TB)	025-09469-000	025-09469-000	025-09469-000	025-09469-000
	1	6	BLOCK, TERMINAL END (5TB,6TB) (4)	025-20946-900	025-20946-900	025-20946-900	025-20946-900
	1	7	BLOCK, TERMINAL SECTION (5TB,6TB) (4)	025-20945-900	025-20945-900	025-20945-900	025-20945-900
	1	8	CAPACITOR, RUN(15MFD/370V) (1RC-3RC)	024-20446-000	024-20446-000	024-20446-000	024-20446-000
	1	9	COIL, CHOKE (CH)	025-20704-001	025-20704-002	025-20704-002	025-20704-002
	1	10	COIL, SOLENOID (1LLS)	025-27514-000	025-27514-000	025-27514-000	025-27514-000
	1	11	CONTACTOR, ELECTRICAL (3M)	024-15336-900	024-15336-900	024-15336-900	024-15336-900
	1	12	CONTACTOR, ELECTRICAL (1M,2M)	024-19172-000	024-19172-000	024-19172-000	024-20449-000
	1	13	CONTROL, PRESSURE (1LP)	025-17620-005	025-17620-005	025-17620-005	025-17620-005
	1	14	CONTROL, PRESSURE (1HP)	025-17620-009	025-17620-009	025-17620-009	025-17620-009
	1	15	CONTROL, PRESSURE (2HP)	025-20709-000	025-20709-000	025-20709-000	025-20709-000
	1	16	CONTROL, PRESSURE (OIL,10P)	025-21463-900	025-21463-900	025-21463-900	025-21463-900
	1	17	CONTROL, TEMPERATURE (TC) (5)	025-18752-000	025-18752-000	025-18752-000	025-18752-000
	1	18	CONTROL, TEMPERATURE (1TH)	025-19499-001	025-19499-001	025-19499-001	025-19499-001
	1	19	CONTROL, TEMPERATURE (2TH)	025-19499-002	025-19499-002	025-19499-002	025-19499-002
	1	20	CONTROL, TEMPERATURE(FREEZE STAT) (5)	025-27499-000	025-27499-000	025-27499-000	025-27499-000

* NOT SHOWN

New replacement parts shown in **bold face type** at the first printing of Renewal Parts List code dated (689)

- (4) TERMINAL BLOCKS ARE BUILT UP IN SECTIONS. EACH SECTION IS ONE CIRCUIT AND EACH BLOCK REQUIRES AN END PIECE.
- (5) GENEROUSLY COAT BULB AND SENSOR WITH COMPOUND 013-00898-900 BEFORE INSTALLING IN WELL AND SEAL THE WELL WITH INSULATING TAPE.
- (6) OBTAIN REPLACEMENT COMPRESSOR FROM LOCAL COPELAND WHOLESALE.
- (7) MOTOR CAN OPERATE AT REDUCED SPEED.

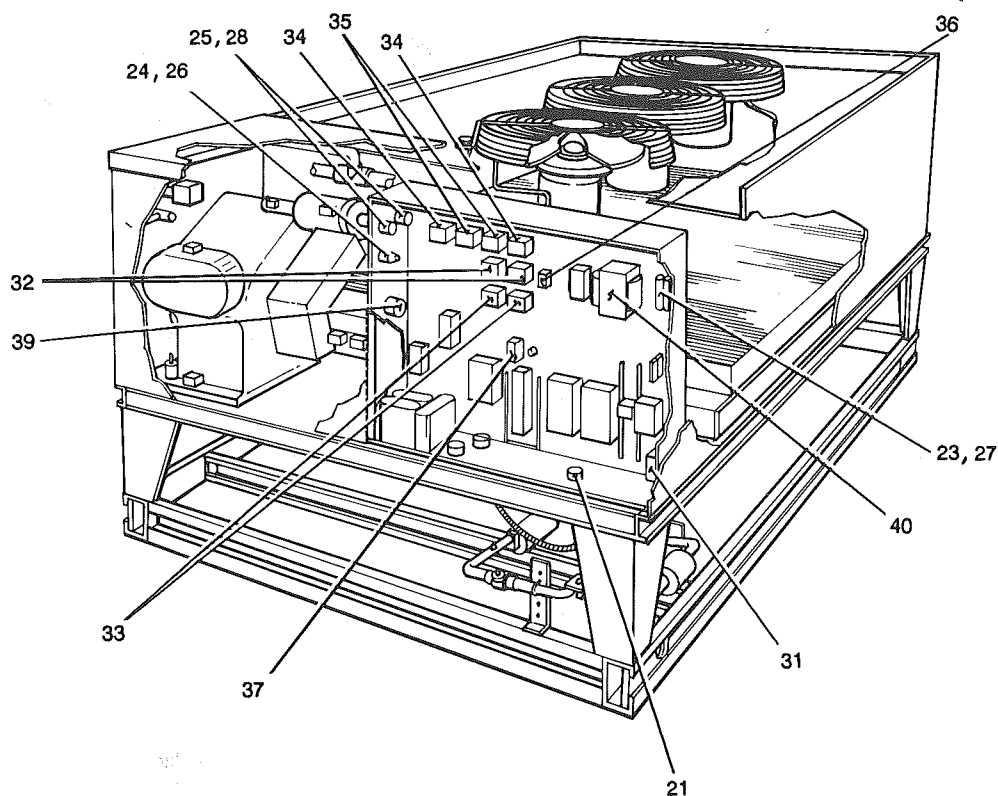


FIG. 2 - AIR COOLED WATER CHILLER

SECTION	FIG	ITEM	DESCRIPTION	W1LC220A25A	W1LC220A40A	W1LC220A46A	W1LC220A50A
ELECTRICAL							
	2	21	CONTROL, TEMPERATURE (7TH)	025-27525-000	025-27525-000	025-27525-000	025-27525-000
	*	22	CONTROL, WATER FLOW SWITCH	024-24609-000	024-24609-000	024-24609-000	024-24609-000
	2	23	FUSE (1FU,2FU)	025-09976-000	025-05741-900	025-11910-900	025-11910-900
	2	24	FUSE (4FU)	025-20226-000	025-20226-000	025-20226-000	025-20226-000
	2	25	FUSE (3FU,6FU)	025-23069-000	025-20702-000	025-20702-000	025-20702-000
	2	26	FUSE HOLDER (4FU)	025-13991-900	025-13991-900	025-13991-900	025-13991-900
	2	27	FUSE HOLDER (1FU,2FU)	025-14367-900	025-14213-900	025-14213-900	025-14213-900
	2	28	FUSE HOLDER (3FU,6FU)	025-17407-900	025-17407-900	025-17407-900	025-17407-900
	*	29	HEATER (COOLER SHELL)	025-22690-900	025-22690-900	025-22690-900	025-22690-900
	*	30	HEATER, CRANKCASE	025-18611-002	025-18611-003	025-18611-003	025-18611-003
	2	31	LUG GROUND	025-21798-000	025-21798-000	025-21798-000	025-21798-000
	2	32	RELAY, CONTROL (1R,8R)	024-14519-900	024-14519-900	024-14519-900	024-14519-900
	2	33	RELAY, CONTROL (4R,5R)	024-19866-000	024-19866-000	024-19866-000	024-19866-000
	2	34	RELAY, CONTROL (15R,20R)	024-24607-000	024-24607-000	024-24607-000	024-24607-000
	2	35	RELAY, CONTROL (9R,16R)	024-24608-000	024-24608-000	024-24608-000	024-24608-000
	2	36	RELAY, TIME DELAY (4TR)	024-18220-900	- - -	- - -	024-18220-900
	2	37	RELAY, TIME DELAY (3TR)	024-19865-000	024-19865-000	024-19865-000	024-19865-000
	*	38	SENSOR, TEMPERATURE (FREEZE STAT) (5)	025-17896-001	025-17896-001	025-17896-001	025-17896-001
	2	39	TIMER (1TR)	025-18477-001	025-18477-001	025-18477-001	025-18477-001
	2	40	TRANSFORMER (1T)	025-27918-000	025-27918-000	025-27918-000	025-26311-000

* NOT SHOWN

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(5) GENEROUSLY COAT BULB AND SENSOR WITH COMPOUND 013-00898-900 BEFORE INSTALLING IN WELL AND SEAL THE WELL WITH INSULATING TAPE.

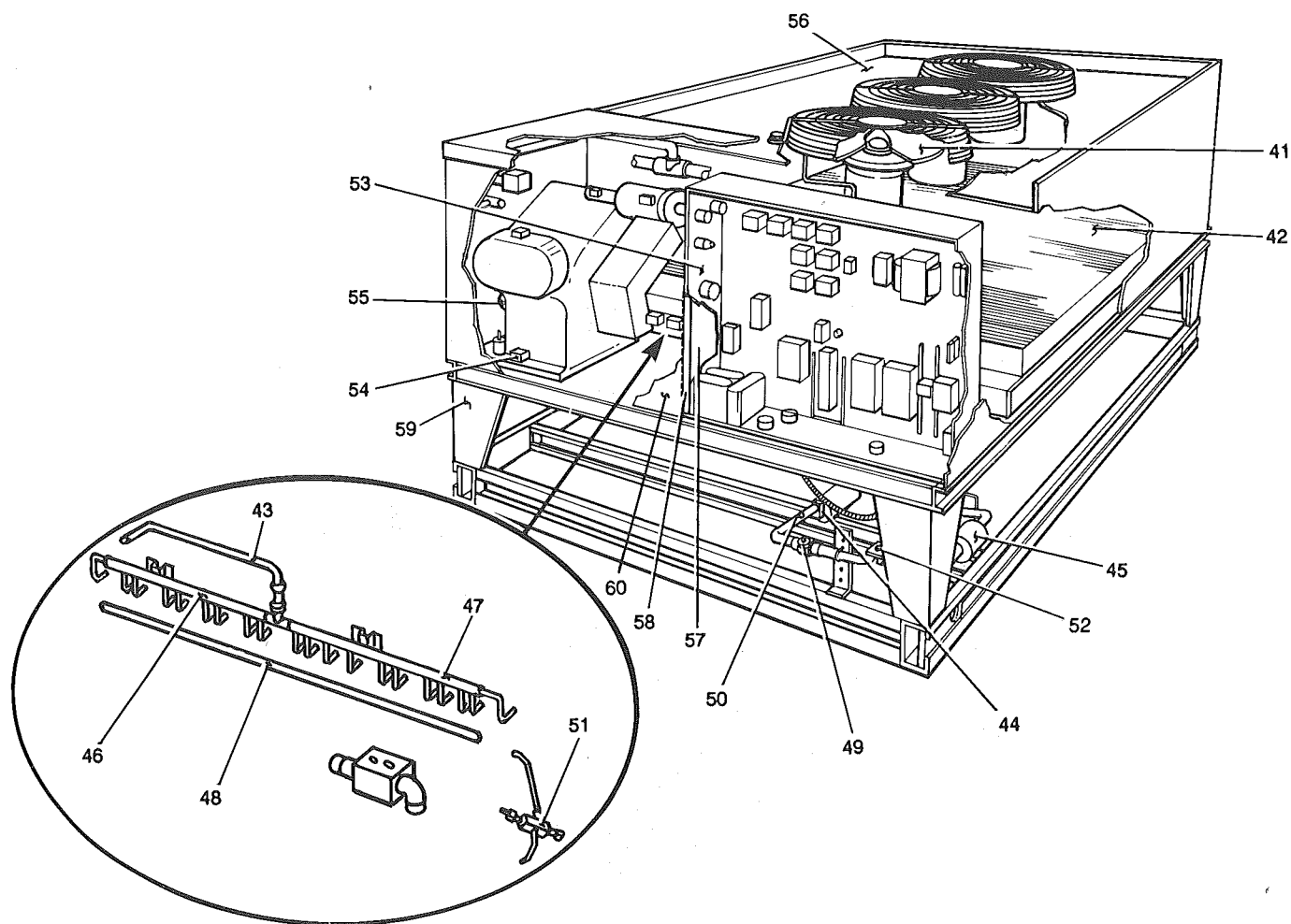


FIG. 3 - AIR COOLED WATER CHILLER

SECTION	FIG	ITEM	DESCRIPTION	W1LC220A25A	W1LC220A40A	W1LC220A46A	W1LC220A50A
AIR MOVING							
	3	41	BLADE, FAN	026-21917-900	026-21917-900	026-21917-900	026-21917-900
REFRIGERANT							
CIRCUIT	3	42	COIL, CONDENSER (1)	363-82472-000	363-82472-000	363-82472-000	363-82472-000
	3	43	CONNECTION, DISCHARGE LINE (2)	063-67582-000	063-67582-000	063-67582-000	063-67582-000
	3	44	COOLER, INSULATED	026-30906-001	026-30906-001	026-30906-001	026-30906-001
	3	45	FILTER DRIER	026-14777-909	026-14777-909	026-14777-909	026-14777-909
	3	46	HEADER, DISCHARGE LH	363-67453-000	363-67453-000	363-67453-000	363-67453-000
	3	47	HEADER, DISCHARGE RH	363-67454-000	363-67454-000	363-67454-000	363-67454-000
	3	48	HEADER, LIQUID	363-67450-000	363-67450-000	363-67450-000	363-67450-000
	3	49	INDICATOR, MOISTURE	026-15305-900	026-15305-900	026-15305-900	026-15305-900
	3	50	VALVE, EXPANSION	025-27535-000	025-27535-000	025-27535-000	025-27535-000
	3	51	VALVE, LIQUID STOP	022-02992-000	022-02992-000	022-02992-000	022-02992-000
	3	52	VALVE, SOLENOID (3)	025-27513-000	025-27513-000	025-27513-000	025-27513-000
FABRICATED							
PARTS	3	53	BOX, ELECTRIC	363-93989-000	363-93989-000	363-93989-000	363-93989-000
	3	54	BRACKET (OIL PRESSURE SWITCH)	063-66899-000	063-66899-000	063-66899-000	063-66899-000
	3	55	COVER, TEMP. CONTROL	063-93946-000	063-93946-000	063-93946-000	063-93946-000
	3	56	DECK, FAN	063-67367-000	063-67367-000	063-67367-000	063-67367-000
	3	57	DOOR, CONTROL BOX	363-66724-000	363-66724-000	363-66724-000	363-66724-000
	3	58	HINGE, CONTROL BOX	063-66716-000	063-66716-000	063-66716-000	063-66716-000
	3	59	LEG SUPPORT (4 PER UNIT)	062-94516-000	062-94516-000	062-94516-000	062-94516-000
	3	60	PANEL, FRONT (CENTER)	363-67228-000	363-67228-000	363-67228-000	363-67228-000

* NOT SHOWN

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(1) TWO REQUIRED PER UNIT. COIL FURNISHED WITHOUT HEADERS.

(2) MADE TO ORDER ONLY.

(3) FURNISHED LESS COIL.

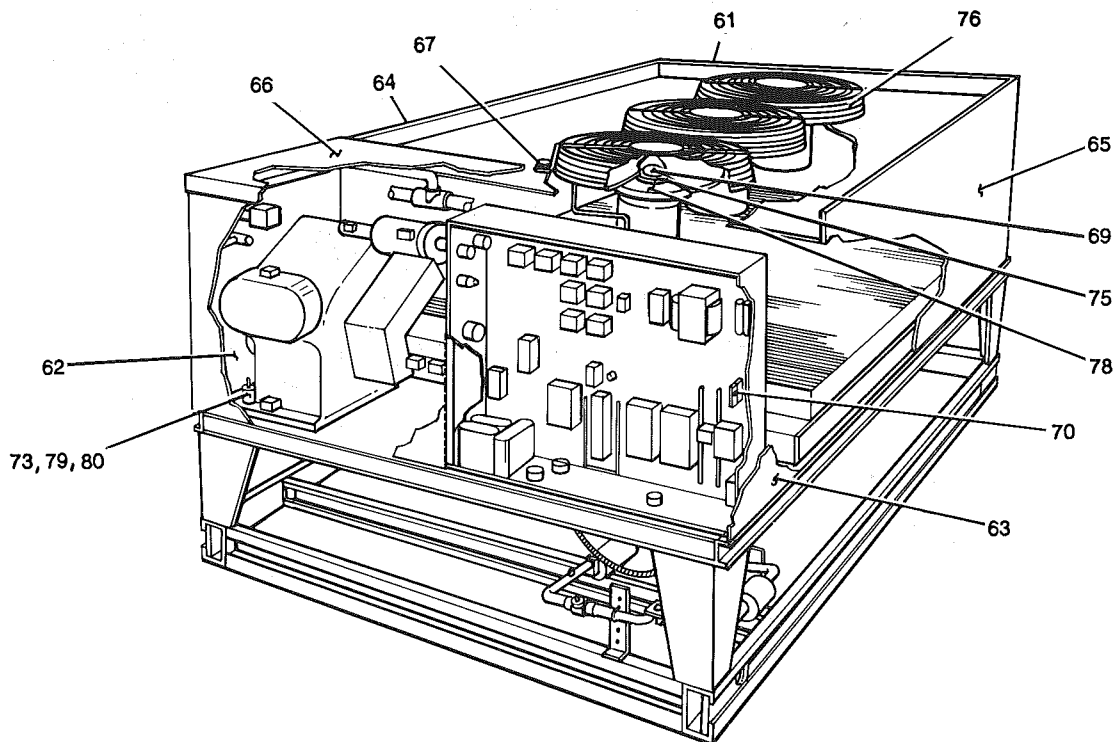


FIG. 4 - AIR COOLED WATER CHILLER

SECTION	FIG	ITEM	DESCRIPTION	W1LC220A25A	W1LC220A40A	W1LC220A46A	W1LC220A50A
FABRICATED							
PARTS	4	61	PANEL, REAR	063-67224-000	063-67224-000	063-67224-000	063-67224-000
	4	62	PANEL, SIDE (COMP. END, LH)	063-67218-000	063-67218-000	063-67218-000	063-67218-000
	4	63	PANEL, SIDE (COMP. END, RH)	063-93947-000	063-93947-000	063-93947-000	063-93947-000
	4	64	PANEL, SIDE (LH)	363-67229-000	363-67229-000	363-67229-000	363-67229-000
	4	65	PANEL, SIDE (RH)	363-67230-000	363-67230-000	363-67230-000	363-67230-000
	4	66	PANEL, TOP (COMPRESSOR)	063-67221-000	063-67221-000	063-67221-000	063-67221-000
MISCELLANEOUS							
	4	67	BRACKET, (MOTOR SUPPORT)	026-17579-900	026-17579-900	026-17579-900	026-17579-900
	*	68	CAP, FLARE	023-11018-000	023-11018-000	023-11018-000	023-11018-000
	4	69	CAP, MOTOR SHAFT	028-07364-900	028-07364-900	028-07364-900	028-07364-900
	4	70	CATCH, MAGNETIC (DOOR)	029-15650-000	029-15650-000	029-15650-000	029-15650-000
	*	71	GASKET, PASS BAFFLE (BACK)	076-60149-900	076-60149-900	076-60149-900	076-60149-900
	*	72	GASKET, PASS BAFFLE (FRONT)	076-60148-900	076-60148-900	076-60148-900	076-60148-900
	4	73	GROMMET (COMP. MOUNT)	028-07362-000	028-07362-000	028-07362-000	028-07362-000
	*	74	GROMMET (FAN MOUNT)	028-04210-900	028-04210-900	028-04210-900	028-04210-900
	4	75	GROMMET (RAIN SHIELD)	028-04209-900	028-04209-900	028-04209-900	028-04209-900
	4	76	GUARD, FAN	026-25365-000	026-25365-000	026-25365-000	026-25365-000
	*	77	HANDLE, ACCESS PANEL	029-08701-900	029-08701-900	029-08701-900	029-08701-900
	4	78	PROTECTOR (RAIN SHIELD)	062-30549-000	062-30549-000	062-30549-000	062-30549-000
	4	79	SPRING, COMP. MOUNTING (BLACK)	029-11729-900	029-11729-900	029-11729-900	029-11729-900
	4	80	SPRING, COMP. MOUNTING (GREEN)	029-10111-000	029-10111-000	029-10111-000	029-10111-000

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