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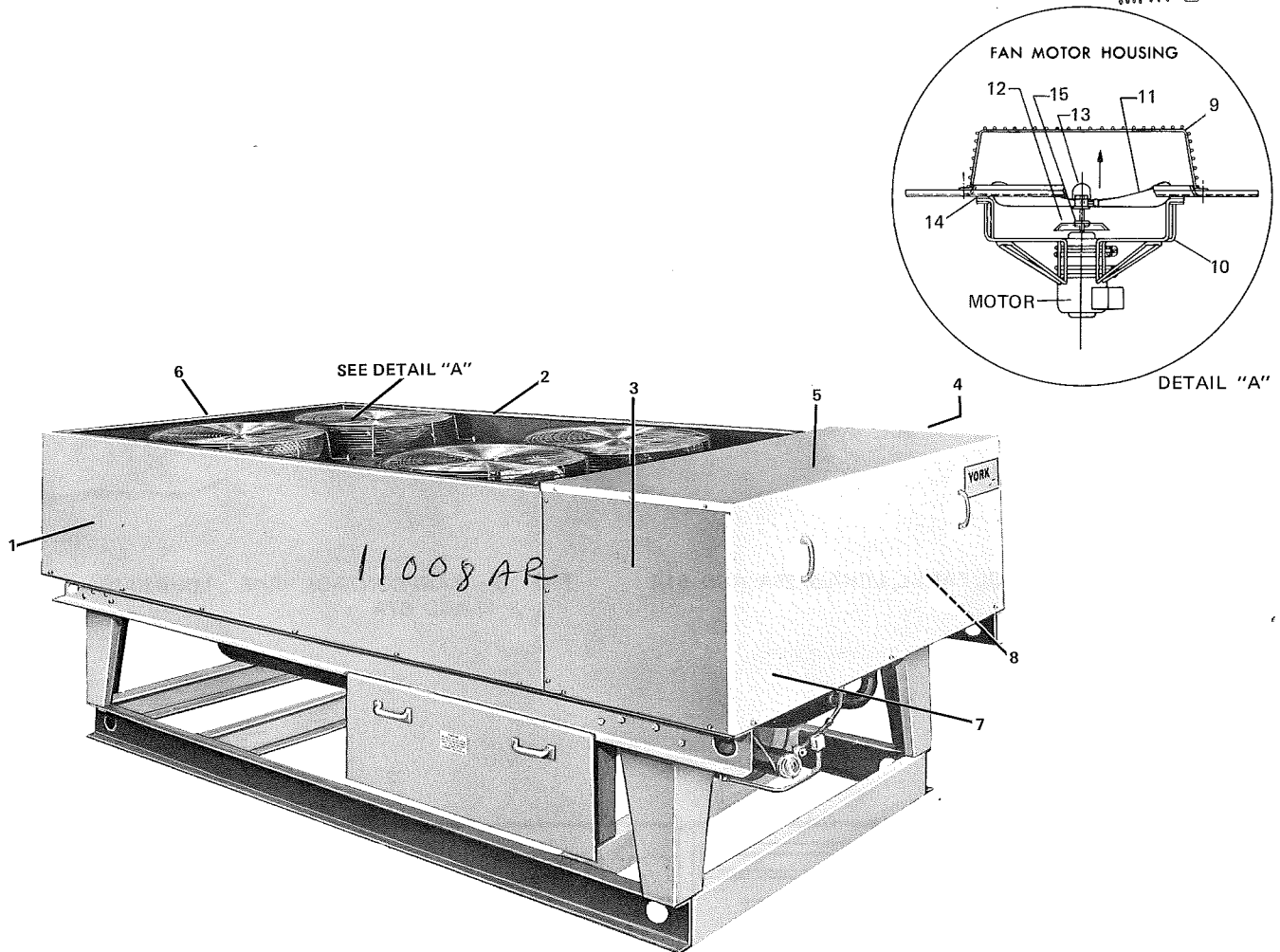


FIG. 1— MODEL LCHA20

ITEM NO.	DESCRIPTION	FIG. NO.	PART NO.
1	Panel, Side, L.H. (Rear)	1	062-90619
2	Panel, Side, R.H. (Rear)	1	062-90620
3	Panel, Side, L.H. (Front)	1	063-37006
4	Panel, Side, R.H. (Front)	1	066-34738
5	Panel, Top	1	062-90599
6	Panel, Rear	1	362-90670
7	Panel, Front	1	363-37007
8	Door, Control Box	1	366-35141
9	Guard, Condenser Fan	Detail A	026-16522
10	Bracket, Motor Mtg., Condenser Fan	Detail A	026-12693
11	Fan, 24" {For 1/3 HP Motor}	Detail A	026-13854
	{For 1/2 HP Motor}	Detail A	026-12696
12	Rainshield, Cond. Fan Motor	Detail A	062-30549
13	Cap, Hub (For Condenser Fan Shaft)	Detail A	028-07364
14	Grommet, Motor Mtg. Bracket	Detail A	028-04210
15	Grommet, Motor Shaft	Detail A	028-04209
16	Spring, Compr. Mtg., Pump End (Green)	Not Shown	029-13893-005
17	Spring, Compr. Mtg., Motor End (Black)	Not Shown	029-13893-006

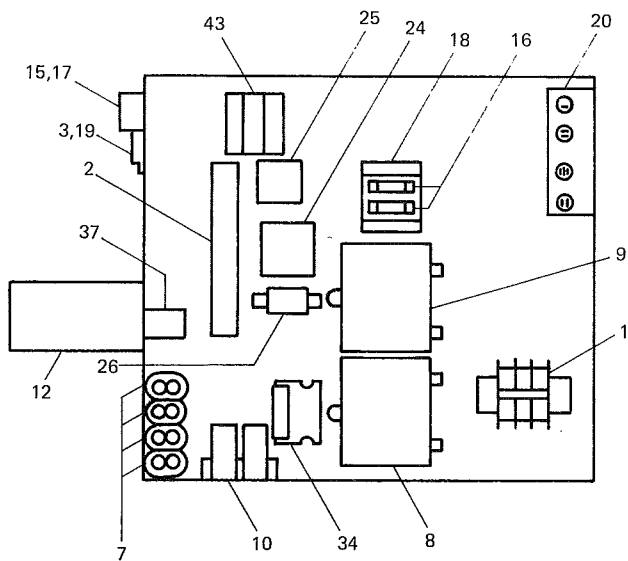


FIG. 2—MAIN CONTROL PANEL, LCHA20-25A AND -61A

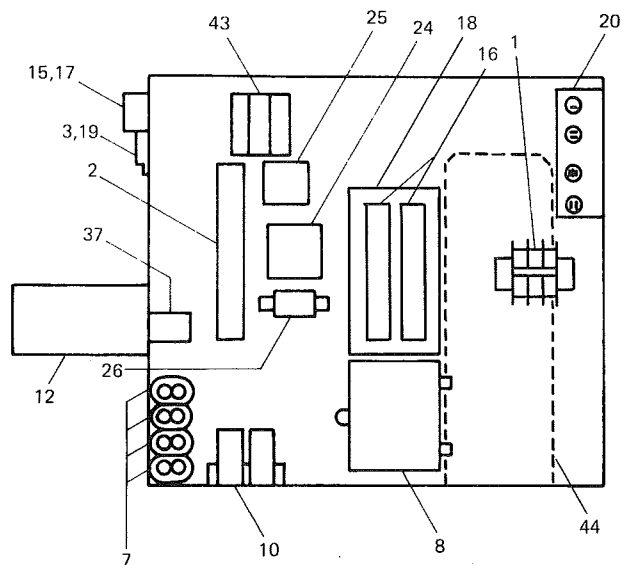


FIG. 3—MAIN CONTROL PANEL, LCHA20-46A, -58A AND -67A

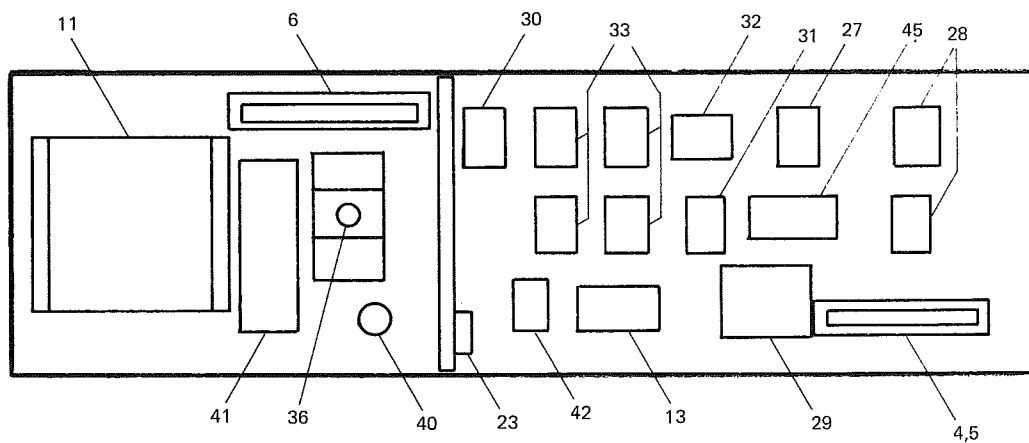


FIG. 4—LCHA20 AUXILIARY CONTROL PANEL

ELECTRICAL COMPONENTS

ITEM NO.	DESCRIPTION	FIG. NO.	PART NUMBER		
			208/230-3-60 ¹	460-3-60 ²	575-3-60
1	Block, Terminal (1TB)	2 & 3	025-12164	025-12269	025-12269
2	Block, Terminal (2TB)	2 & 3	025-14980	025-14980	025-14980
3	Block, Terminal (3TB)	2 & 3	025-14513	025-14513	025-14513
4	Block, Terminal (4TB) 8-Req'd.	4	025-15865	025-15865	025-15865
5	Block, Terminal End (For Item 4)	4	025-13981	025-13981	025-13981
6	Block, Terminal (5TB)	4	025-16100	025-16100	025-16100
7	Capacitor (1RC thru 4RC)	2 & 3	024-12098	024-12098	024-12098
8	Contactor (1M)	2 & 3	024-12405	024-12405 15782	024-12405 15782
9	Contactor (2M)	2	024-13701 12405	024-13701 12405	024-13701 12405
10	Control, Pressure, Dual (1LP & 1HP)	2 & 3	025-12280	025-12280	025-12280
11	Control, Temperature (TC-2)	4	025-16782-001	025-16782-001	025-16782-001
12	Control, Oil Pressure Switch (OP)	2 & 3	025-17151	025-17151	025-17151
13	Control, Low Pressure (2LP)	4	025-17461	025-17461	025-17461
14*	Compressor (20-Tons)	Not Shown	365-23102-010	365-23102-011	365-23102-012
15	Fuse, 3.2 AMP, Plug-in (5FU)	2 & 3	025-08445	025-08445	025-08445
16	Fuse, 15 AMP (1FU & 2FU)	2 & 3	025-04649	025-05741	025-05741
	30 AMP (1FU & 2FU)	2 & 3	025-04649	025-05741	025-05741
17	Holder, Fuse (For Item 15)	2 & 3	325-06924-011	325-06924-011	325-06924-011
18	Holder, Fuse (For Item 16)	2 & 3	025-05259	025-14213	025-14213
19	Insulation, (For Item 3)	2 & 3	025-14511	025-14511	025-14511
20	Module, Compressor Motor Protector (MP)	2 & 3	025-15702-002	025-15702-002	025-15702-002
21	Motor, Condenser Fan, 1/2 HP	1	024-17420	024-17420	024-17420
22	Motor, Condenser Fan, 1/3 HP	1	024-12801	024-12801	024-12801
23	Outlet, Convenience	4	025-14023	025-14023	025-14023
24	Relay, Control (1R)	2 & 3	024-08695	024-08695	024-08695
25	Relay, Control (2R)	2 & 3	024-11772	024-11772	024-11772
26	Relay, Lockout (3R)	2 & 3	024-12066	024-12066	024-12066
27	Relay, Control (4R)	4	024-11090	024-11090	024-11090
28	Relay, Control (5R & 6R)	4	024-11771	024-11771	024-11771
29	Relay, Control (7R)	4	024-12955	024-12955	024-12955
30	Relay, Control (8R)	4	024-12999	024-12999	024-12999
31	Relay, Control (10R)	4	024-11953	024-11953	024-11953
32	Relay, Control (11R)	4	024-11094	024-11094	024-11094
33	Relay, Control (12R thru 15R)	4	024-16018	024-16018	024-16018
34	Relay, Time Delay (1TR)	2	024-16687	024-16687	024-16687
35	Sensor (For Item 11)	Not Shown	025-16782-007	025-16782-007	025-16782-007
36	Switch, Toggle (S)	4	366-31963	366-31963	366-31963
37	Thermostat, Low Ambient (1TH)	2 & 3	025-14237	025-14237	025-14237
38	Thermostat, Low Ambient Accessory (2TH)	Not Shown	025-15013	025-15013	025-15013
39*	Thermostat, Discharge Temperature (3TH)	Not Shown	025-15013	025-15013	025-15013
40	Thermostat, Cooler Heater (4TH)	4	025-16790	025-16790	025-16790
41	Thermostat, Outside Ambient, Honeywell (5TH)	4	025-16785	025-16785	025-16785
42	Thermostat, Freeze Control (6TH)	4	025-16791	025-16791	025-16791
43	Transformer (75 VA)	2 & 3	325-09025-004	325-09025-004	325-09025-004
44	Transformer (3 KVA)	3	025-11883	025-11883	025-16720
45	Timer, Pumpdown (4TR)	4	325-17460-001	325-17460-001	325-17460-001

* For complete listing of renewal parts available for compressor repair, see Form 180.40-RP.

¹ Part numbers also apply to 200-3-50 model (-61A).

² Part numbers also apply to 400-3-50 model (-67A).

REFRIGERANT PIPING

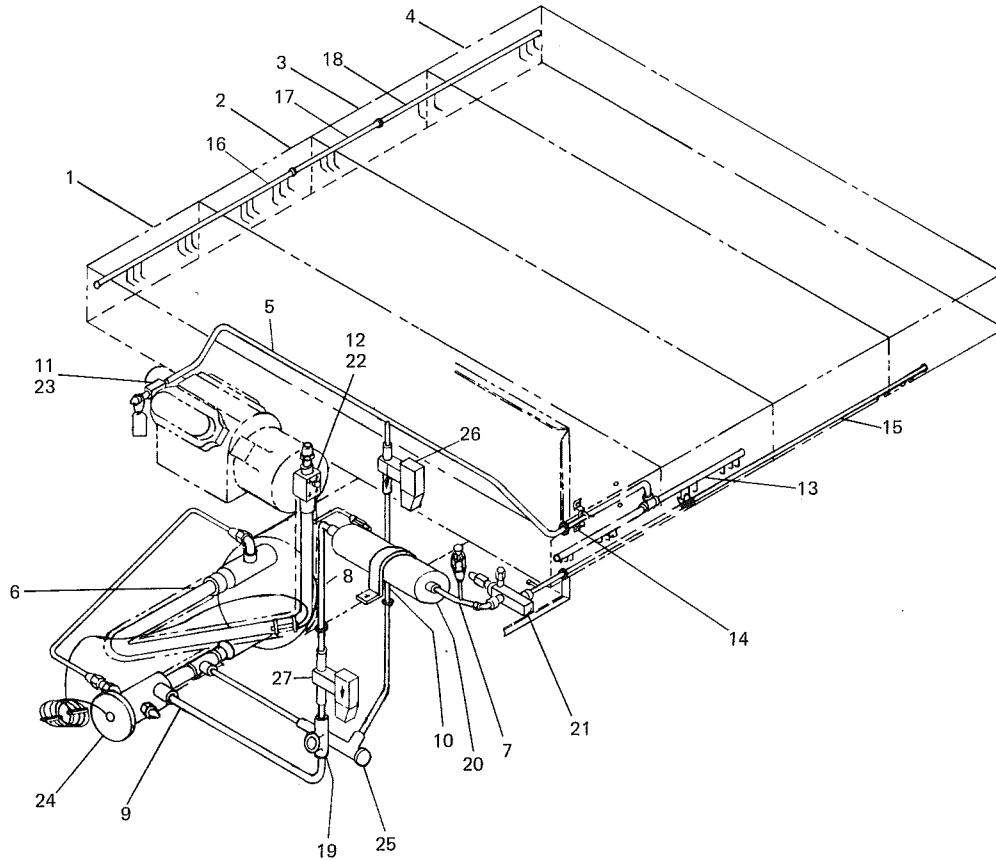


FIG. 5— REFRIGERANT PIPING

ITEM NO.	DESCRIPTION	FIG. NO.	PART NO.
1	Coil, Condenser, L.H.	5	362-87220
2	Coil, Condenser, L.H. Middle	5	362-87222
3	Coil, Condenser, R.H. Middle	5	362-87221
4	Coil, Condenser, R.H.	5	362-87219
5	Connection, Discharge Line	5	366-34889
6	Connection, Suction	5	066-34958
7	Connection, Liquid Valve to Dehydrator	5	066-34956
8	Connection, Dehydrator to Solenoid Valve	5	066-34954
9	Connection, Moisture Indicator to Expansion Valve	5	066-34955
10	Connection, Load Minder	5	066-35332
11	Gasket, Discharge	5	065-23141
12	Gasket, Suction	5	028-00540
13	Header, R.H.	5	362-87577
14	Header, L.H.	5	362-87578
15	Header, Liquid	5	362-90653
16	Header, Crossover, R.H.	5	362-87397
17	Header, Crossover, Center	5	362-87399
18	Header, Crossover, L.H.	5	362-87962
19	Indicator, Moisture, LDE-7S	5	026-15305
20	Strainer-Drier	5	026-14777-009
21	Valve, Liquid	5	022-02992
22	Valve, Suction	5	022-03727-003
23	Valve, Discharge	5	022-03422
24	Valve, Expansion	5	025-17119
25	Valve, Pressure Regulator	5	025-12803
26	Valve, Solenoid, 5/8 ID Female, 24 Volt, Loadminder	5	025-16991
27	Valve, Solenoid, Pumpdown	5	025-17556

COOLER

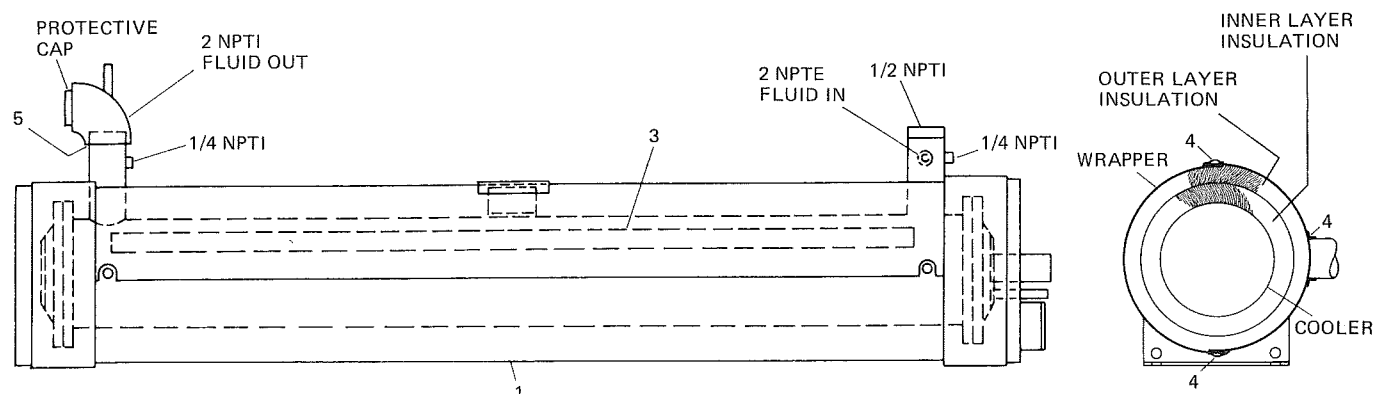


FIG. 6—COOLER

ITEM NO.	DESCRIPTION	FIG. NO.	PART NO.
1	Cooler, Complete Assembly (With Insulation and Metal Wrapper)	6	366-34686
2	Gasket, Cooler (Both Ends)	Not Shown	026-19388
3	Heater, Cooler	6	025-17897
4	Sealer, Butyl Tape	6	013-01961
5	Sealer, Lead Plastic	6	013-01370
6	Switch, Flow (FLS)	Not Shown	024-15793

ACCESSORY PARTS

ITEM NO.	DESCRIPTION	PART NO.
LOW AMBIENT KIT		
1	Control, Elect. Low Ambient Access. CA2 (Complete Kit)	362-93515
2	Coil, Choke (L)	352-12289-004
3	Control, High Pressure (Ranco)	025-15011
4	Control, High Pressure (Ranco)	025-15012
5	Thermostat, Ranco A22 2101 (2TH)	025-15013
6	Relay (2TR)	024-12045-003
GAUGE KIT		
1	Kit, Complete (Contains all items listed below)	466-46886T
2	Gauge, Discharge Pressure, 3-1/2" Dia.	026-14366
3	Gauge, Suction Pressure, 3-1/2" Dia.	026-14367
4	Gauge, Oil Pressure, 3-1/2" Dia.	026-18764
5	Valve, Stop, 2-Way (Primore 2869)	022-04302

SUBJECT TO CHANGE WITHOUT NOTICE
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