

YORK®

RECIPROCATING HERMETIC AIR COOLED PACKAGED LIQUID CHILLERS

RENEWAL PARTS

Supersedes: Nothing

273

Form 150.40-RP2

MODELS LCHA25-25A, 46A, 58A, 61A AND 67A

3-2-73

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CORRECTIONS
page 3, item 011

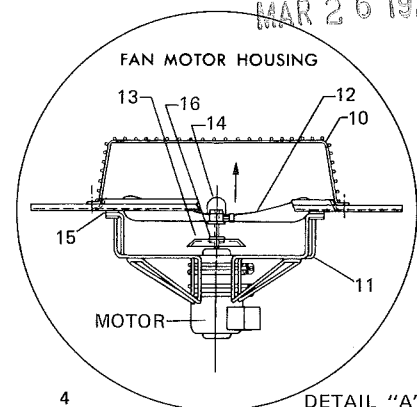
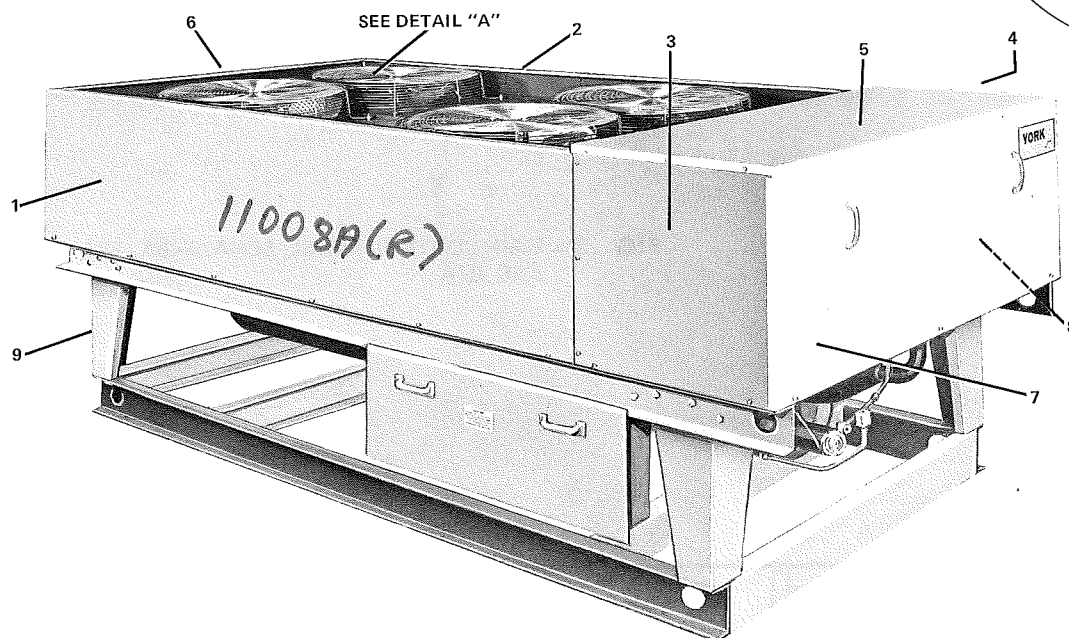


FIG. 1—MODEL LCHA25

ITEM NO.	DESCRIPTION	FIG. NO.	PART NO.
1	Panel, Side, L.H. (Rear)	1	362-94567
2	Panel, Side, R.H. (Rear)	1	362-94568
3	Panel, Side, L.H. (Front)	1	062-94570
4	Panel, Side, R.H. (Front)	1	063-28700
5	Panel, Top	1	062-94472
6	Panel, Rear	1	062-94531
7	Panel, Front	1	362-94569
8	Door, Control Box	1	366-31695
9	Leg	1	062-94516
10	Guard, Condenser Fan	Detail A	026-16522
11	Bracket, Motor Mtg., Condenser Fan	Detail A	026-17579
12	Fan, 24"	Detail A	026-15753
13	Rainshield, Cond. Fan Motor	Detail A	062-30549
14	Cap, Hub (For Condenser Fan Shaft)	Detail A	028-07364
15	Grommet, Motor Mounting, 7/32 I.D.	Detail A	028-04210
16	Grommet, Motor Shaft, 7/16 I.D.	Detail A	028-04209
17	Spring, Compr. Mtg., Pump End (Gray)	Not Shown	029-13893-001
18	Spring, Compr. Mtg., Motor End (Blue)	Not Shown	029-13893-003

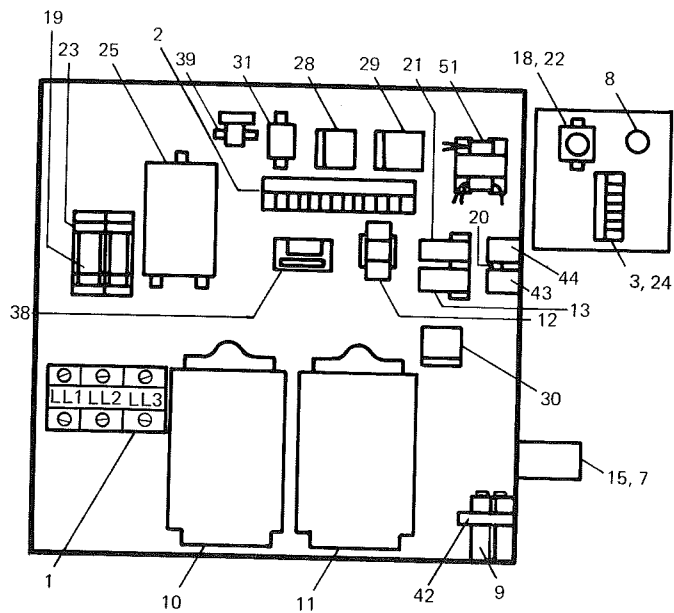


FIG. 2—MAIN CONTROL PANEL, LCHA25-25A AND -61A

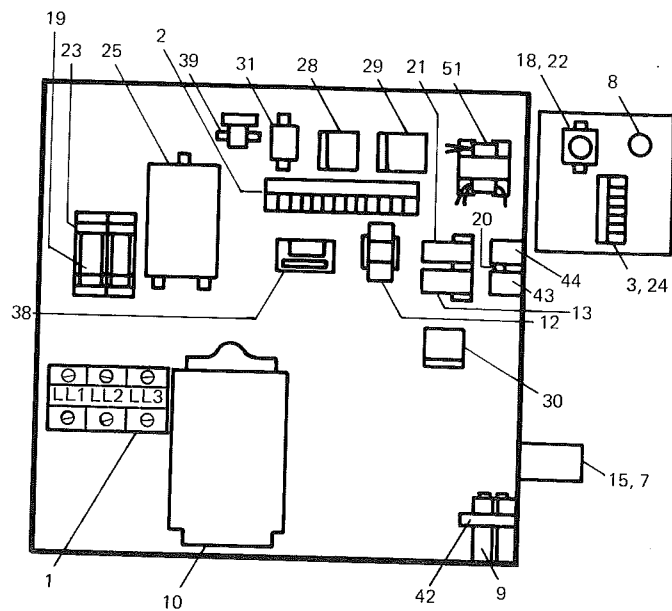


FIG. 3—MAIN CONTROL PANEL, LCHA25-46A, -58A AND -67A

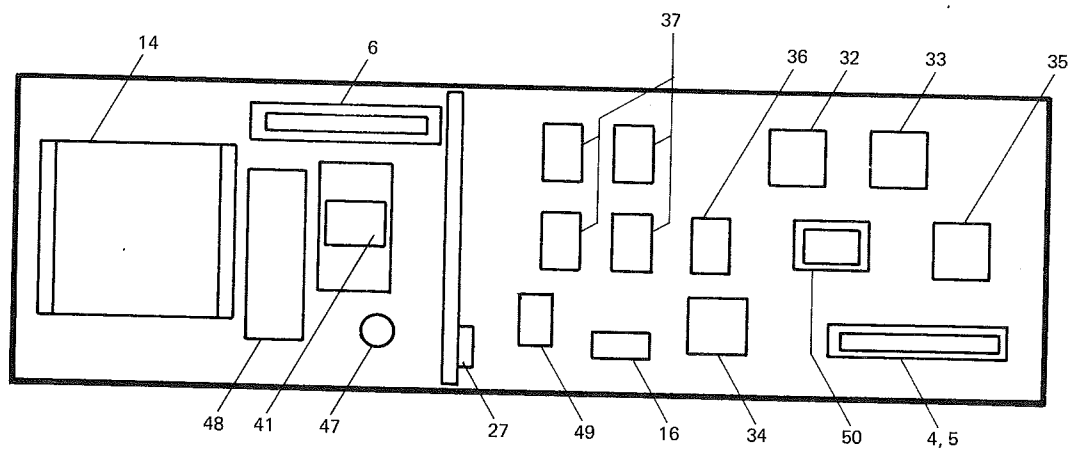


FIG. 4—LCHA25 AUXILIARY CONTROL PANEL

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	025-12285	025-14657	025-15517
2	Block, Terminal (2TB)	2 & 3	025-17145	025-17145	025-17145
3	Block, Terminal (3TB)	2 & 3	025-10506	025-10506	025-10506
4	Block, Terminal (4TB)	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	Bracket, Mounting (For Item 15)	2 & 3	066-34745	066-34745	066-34745
8	Bushing	2 & 3	025-10209	025-10209	025-10209
9	Capacitor, (1RC thru 4RC)	2 & 3	024-12154	024-12154	024-12154
10	Contactor (1M)	2 & 3	024-16866 <i>14714</i>	024-16866 <i>14714</i>	024-16866 <i>14714</i>
11	Contactor (2M)	2	024-11862	—	—
12	Contactor (3M)	2 & 3	024-14520	024-14520	024-14520
13	Control, Pressure, Dual (1LP & 1HP)	2 & 3	025-12280	025-12280	025-12280
14	Control, Temperature (TC-2)	4	025-16782-002	025-16782-002	025-16782-002
15	Control, Oil Pressure Switch (OP)	2 & 3	025-17151	025-17151	025-17151
16	Control, Pressure, Low (2LP)	4	025-17461	025-17461	025-17461
17*	Compressor (30-Ton)	Not Shown	365-23104-010	365-23104-018	365-23104-012
18	Fuse, 3.2 AMP (5FU)	2 & 3	025-08445	025-08445	025-08445
19	Fuse, 15 AMP (1FU & 2FU)	2 & 3	—	025-05741 <i>011</i>	025-05741
	30 AMP (1FU & 2FU)	2 & 3	025-04649	—	—
20	Grommet (For Items 43 and 44)	2 & 3	028-04590	028-04590	028-04590
21	Grommet (For Item 13)	2 & 3	028-02091	028-02091	028-02091
22	Holder, Fuse (For Item 18)	2 & 3	325-06924-014	325-06924-014	325-06924-014
23	Holder, Fuse (For Item 19)	2 & 3	025-14367	025-14213	025-14213
24	Insulation (For Item 3)	2 & 3	025-16900	025-16900	025-16900
25	Module, Compressor Motor Protector (MP)	2 & 3	025-15702-002	025-15702-002	025-15702-002
26	Motor, Condenser Fan	1	024-16497	024-16497	024-16497
27	Outlet, Convenience	4	025-14023	025-14023	025-14023
28	Relay, Control (1R)	2 & 3	024-13304	024-13304	024-13304
29	Relay, Control (2R)	2 & 3	024-11090	024-11090	024-11090
30	Relay, Control (3R)	2 & 3	024-13304	024-13304	024-13304
31	Relay, Lockout (4R)	2 & 3	024-12066	024-12066	024-12066
32	Relay, Control (5R)	4	024-11090	024-11090	024-11090
33	Relay, Control (6R)	4	024-11771	024-11771	024-11771
34	Relay, Control (7R)	4	024-12955	024-12955	024-12955
35	Relay, Control (9R)	4	024-11771	024-11771	024-11771
36	Relay, Lockout (10R)	4	024-11953	024-11953	024-11953
37	Relay, Control (12R thru 15R)	4	024-16018	024-16018	024-16018
38	Relay, Time Delay (1TR)	2	024-16687	—	—
39	Relay, Time Delay (2TR)	2 & 3	024-16672	024-16672	024-16672
40	Sensor (For Item 14)	Not Shown	025-16782-007	025-16782-007	025-16782-007
41	Switch, Toggle (S)	4	366-31963	366-31963	366-31963
42	Strap, Capacitor (For Item 9)	2 & 3	063-20447	063-20447	063-20447
43	Thermostat, (1TH)	2 & 3	025-15521	025-15521	025-15521
44	Thermostat, (2TH)	2 & 3	025-15520	025-15520	025-15520
45	Thermostat, Low Ambient Accessory (3TH)	Not Shown	025-01761	025-01761	025-01761 <i>17061</i>
46*	Thermostat, Discharge Temperature (4TH)	Not Shown	—	—	—
47	Thermostat, Cooler Heater (5TH)	4	025-16790	025-16790	025-16790
48	Thermostat, Outside Ambient, Honeywell (6TH)	4	025-16785	025-16785	025-16785
49	Thermostat, Freeze Control (7TH)	4	025-16791	025-16791	025-16791
50	Timer, Pumpdown (4TR)	4	325-17460-001	325-17460-001	325-17460-001
51	Transformer, (75VA)	2 & 3	325-09025-008	325-09025-008	325-09025-008
52	Transformer, (5KVA)	Not Shown	—	025-15507	025-15264

* 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

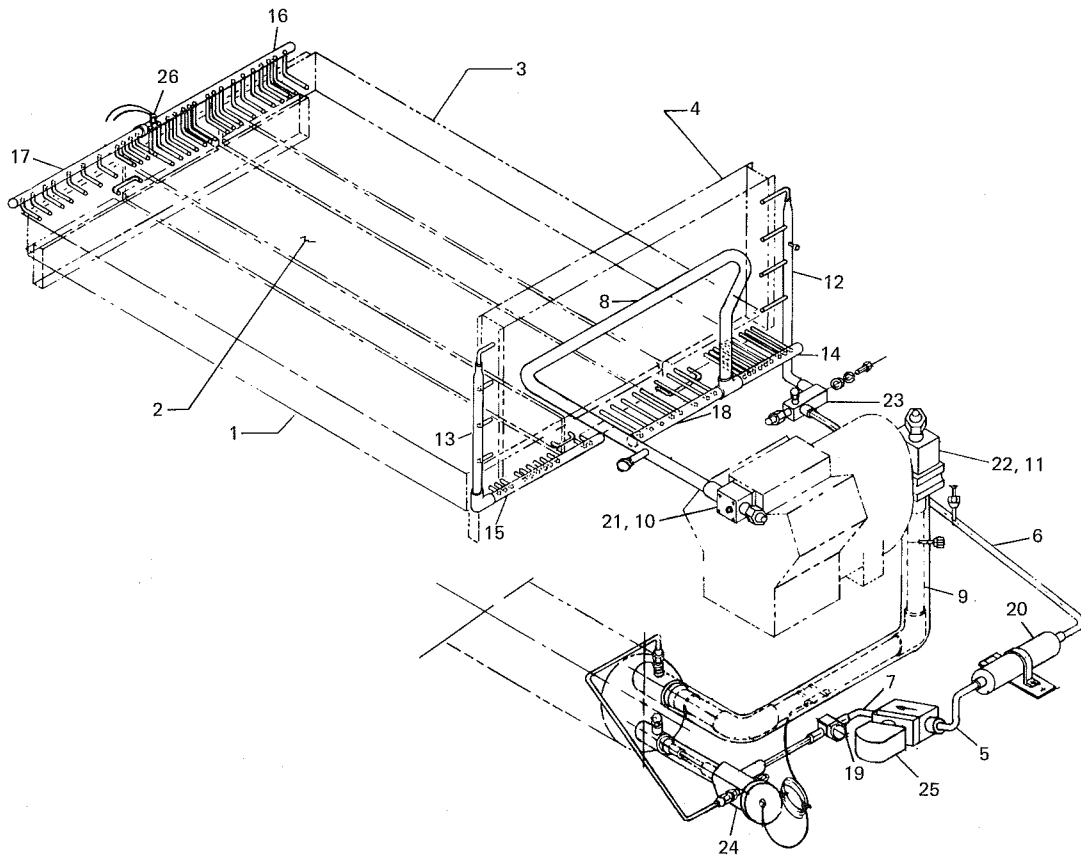


FIG. 5—REFRIGERANT PIPING

ITEM NO.	DESCRIPTION	FIG. NO.	PART NO.
1	Coil, Condenser, L.H.	5	362-94879
2	Coil, Condenser, Center	5	362-94880
3	Coil, Condenser, R.H.	5	362-94881
4	Coil, Condenser, Sub-Cooling	5	362-94882
5	Connection, Dehydrator to Solenoid Valve	5	066-42316
6	Connection, Liquid Valve to Dehydrator	5	066-33296
7	Connection, Solenoid Valve to Moisture Indicator	5	066-42315
8	Connection, Discharge Line	5	366-31694
9	Connection, Suction	5	066-31415
10	Gasket, Discharge	5	028-08490
11	Gasket, Suction	5	028-00864
12	Header, Liquid, Outlet	5	362-94947
13	Header, Liquid, Inlet	5	362-94929
14	Header, Discharge, R.H.	5	362-94922
15	Header, Liquid Inlet, (Sub-Cooling Coil)	5	362-94925
16	Header, Crossover, R.H.	5	366-37921
17	Header, Crossover, L.H.	5	363-21392
18	Header, Discharge, L.H.	5	363-21391
19	Indicator, Moisture	5	026-12992
20	Strainer - Drier	5	026-14777-009
21	Valve, Discharge	5	022-03727-002
22	Valve, Suction	5	022-01393
23	Valve, Liquid	5	022-02992
24	Valve, Expansion	5	025-17117
25	Valve, Solenoid, Pumpdown	5	025-17464
26	Sensor, Fan Speed Control (For Low Ambient)	5	225-17108-003

COOLER

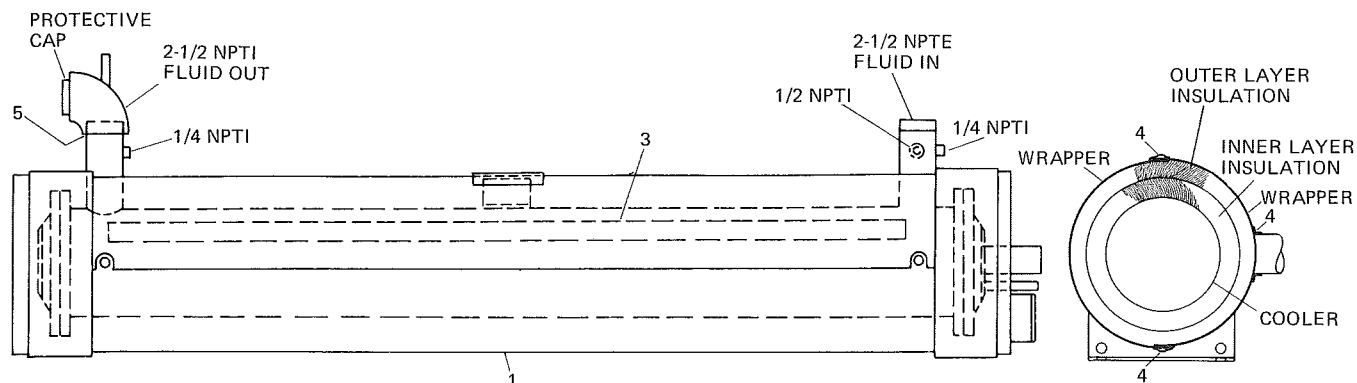


FIG. 6— COOLER

ITEM NO.	DESCRIPTION	FIG. NO.	PART NO.
1	Cooler, Complete Assembly (With Insulation and Metal Wrapper)	6	366-31165
2	Gasket, Cooler, (Both Ends)	Not Shown	026-19387
3	Heater, Cooler	6	025-17897
4	Sealer, Butyl Tape	6	013-01961
5	Sealer, Plastic Lead	6	013-01370
6	Switch, Flow (FLS)	Not Shown	024-15793

ACCESSORY PARTS

ITEM NO.	DESCRIPTION	PART NO.
LOW AMBIENT KIT		
1	Kit, Complete (Contains all items listed below)	466-38107
2	Thermostat (3TH) (1 ea.)	025-17061
3	Speed Control (SC) (1 ea.)	025-17024
4	Wire, Electrical (6A) (1 ea.)	366-31782-062
5	Wire, Electrical (7A) (1 ea.)	366-31782-063
6	Wire, Electrical (8B) (1 ea.)	366-31782-060
7	Wire, Electrical (9A) (1 ea.)	366-31782-061
8	Screw, Machine, #8 - 32 x 3/8 (2 ea.)	021-09988
	Lockwasher (2 ea.)	021-01133
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
	Valve, Stop, 2-Way (Primore 2869)	022-04302

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