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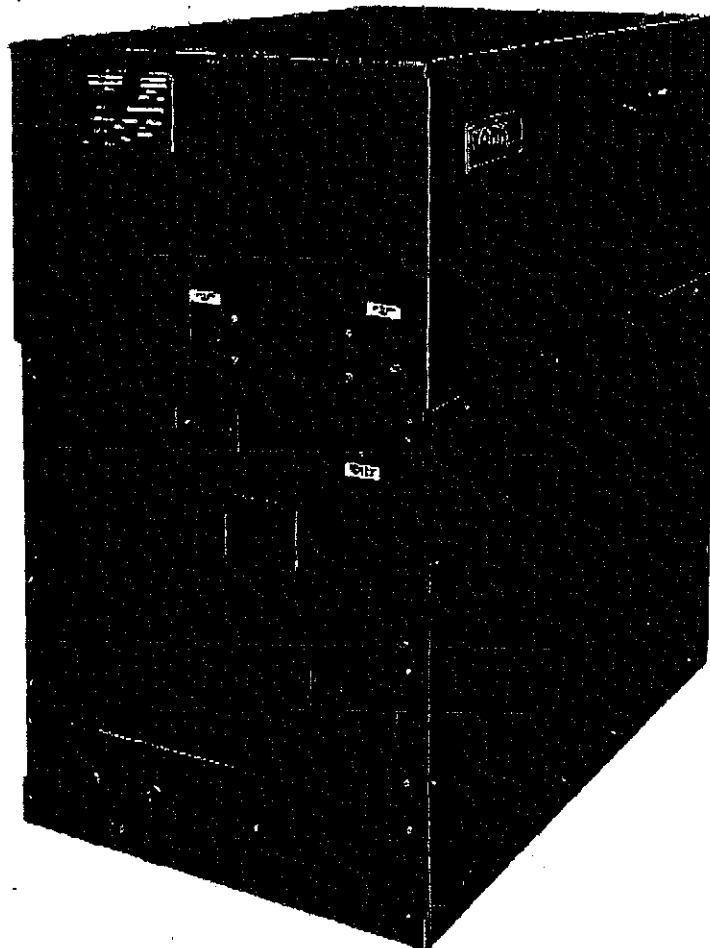
RENEWAL
PARTS

Supersedes: Nothing

1168

Form 150.07-RP

PACKAGED LIQUID CHILLERS MODELS LCH5A AND LCH5W AIR AND WATER COOLED REFRIGERANT-22



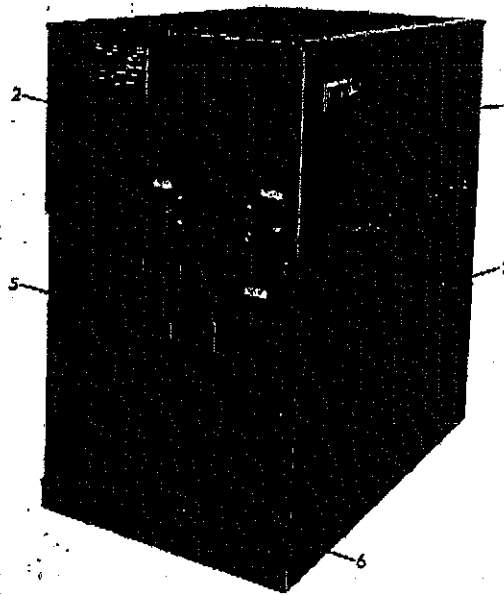


FIG. 1—Model LCH5A

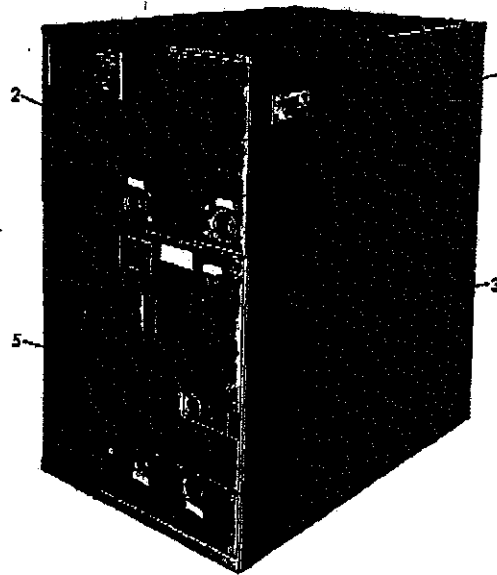


FIG. 2—Model LCH5W

Item No.	Part Description	Part No.							
		Models							
		Fig.	LCH5A-10A	Fig.	LCH5A-25A	Fig.	LCH5W-10A	Fig.	LCH5W-25A
1	Evaporator Enclosure	1	367-30997	1	367-30997	2	367-30997	2	367-30997
2	Evaporator Cover	1	367-31027	1	367-31027	2	367-31027	2	367-31027
3	Side Panels (Quan 2)	1	067-31250	1	067-31250	2	067-31250	2	067-31250
4	Rear Panel	*	067-31249	*	067-31249	*	067-31249	*	067-31249
5	Front Panel	1	067-31263	1	067-80311	2	067-31263	2	067-80311
6	Bottom Panel	1	067-80312	1	067-80312	-	-	-	-

* Not Shown

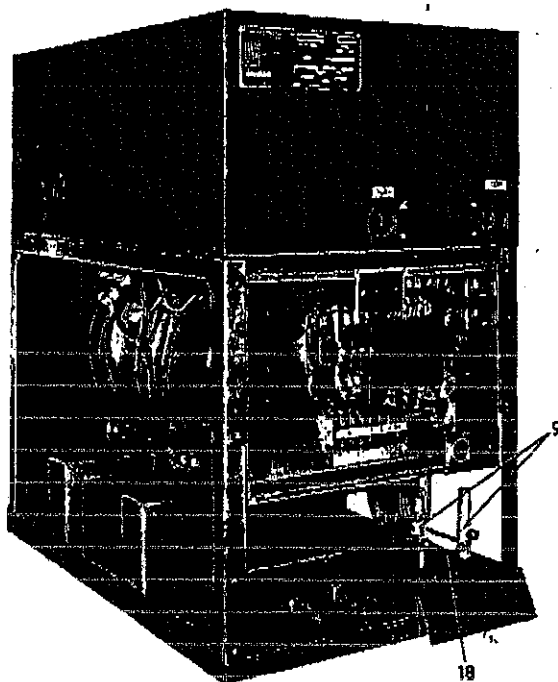


FIG. 3—LCH5A-Front and Side Panels Removed

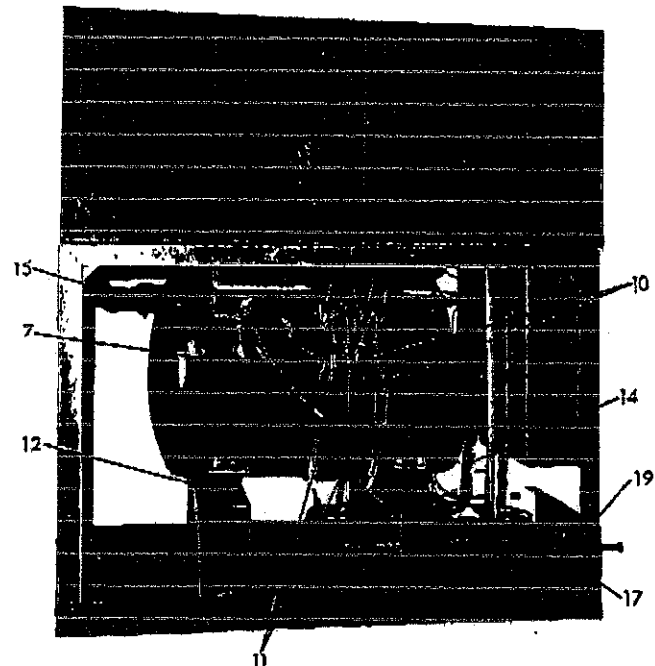


FIG. 4—LCH5A-L.H. View -Panels Removed

Item No.	Part Description	Part No.			
		Model			
		Fig.	LCH5A-10A	Fig.	LCH5A-25A
7	Compressor	4	065-22684	4	465-20012
8	Dehydrator	*	026-09939	*	026-09939
9	Access Valves (2 Req'd)	3	022-01627	3	022-01627
10	Spring	4	029-08726	4	029-08726
11	Compressor Heater	4	362-60548	4	362-60548
12	Compressor Isolators	4	028-02502	4	028-02502
13	Condenser, Model RA5 ¹	*	See Note ¹	*	See Note ¹
14	Discharge Connection	4	367-80315	4	367-80315
15	Suction Connection	4	067-33879	4	067-33879
16	Strainer	*	367-58585	*	367-58585
17	Connection, HP Discharge to Valve	4	067-80318	4	067-80318
18	Connection, L.P. Suct. to Valve	3	067-80317	3	067-80317
19	Liquid Connection	4	067-80316	4	067-80316

* Not Shown

Note ¹ - See Renewal Parts Form 540.05-RP2

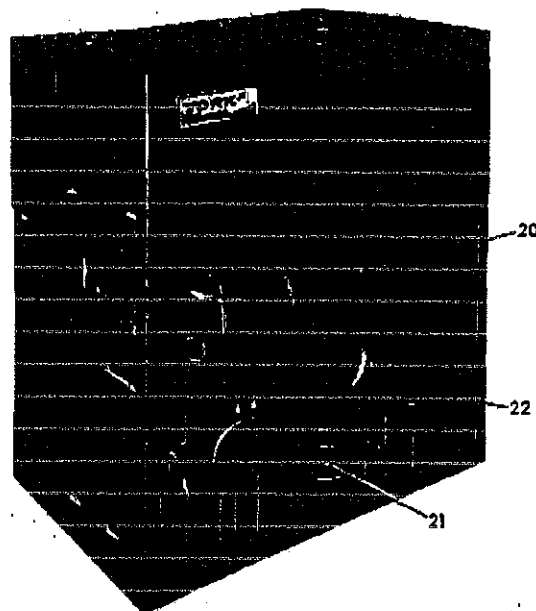


FIG. 5—LCH5W-R.H. Side Panel Removed

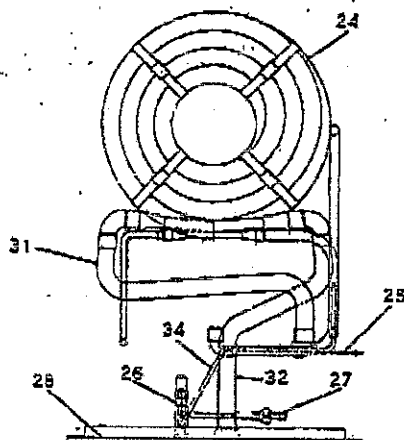


FIG. 6—Condenser Assembly - Plan View

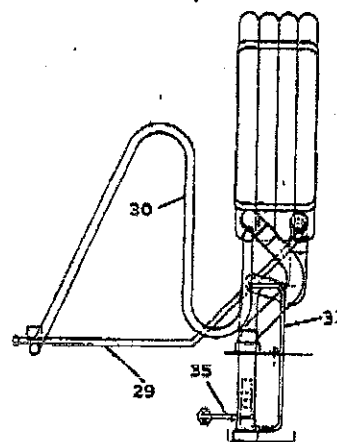


FIG. 7—Condenser Assembly - R.H. End View

* base COND - 026-09948 (ORD. FROM CES)

Item No.	Part Description	Part No.			
		Models			
		Fig.	LCH5W-10A	Fig.	LCH5W-25A
20	Compressor	5	465-20032	5	465-20034
* 21	Condenser, W/Connections ²	5	367-31152	5	367-31152
22	Compressor Isolators	5	028-02502	5	028-02502
23	Suction Connection	*	367-34420	*	367-34420
24	Condenser	6	067-31294	6	067-31294
25	Condenser Plate	6	367-30984	6	367-30984
26	Valve	6	022-01675	6	022-01675
27	Evacuation Connection	6	362-32583	6	362-32583
28	Frame Channel	6	367-30986	6	367-30986
29	Liquid Line Connection	7	067-31145	7	067-31145
30	Discharge Connection	6	067-31146	6	067-31146
31	Water Inlet Connection	6	067-31147	6	067-31147
32	Water Outlet Connection	6	067-31151	6	067-31151
33	Pressure Connection	7	067-31149	7	067-31149
34	Pressure Connection	6	067-31148	6	067-31148
35	Valve Connection	7	067-31150	7	067-31150
36	Strainer	*	367-58585	*	367-58585

* Not Shown

Note ² - This part includes Items 24 thru 35

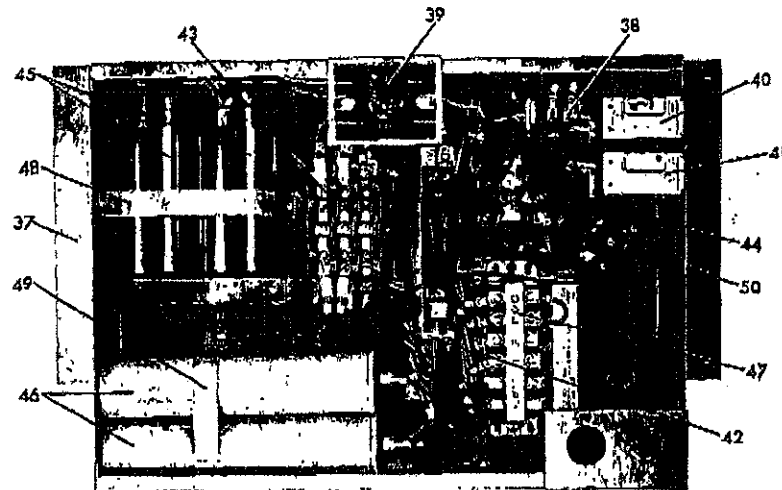


FIG. 8— Model LCH5A-10A- Control Panel

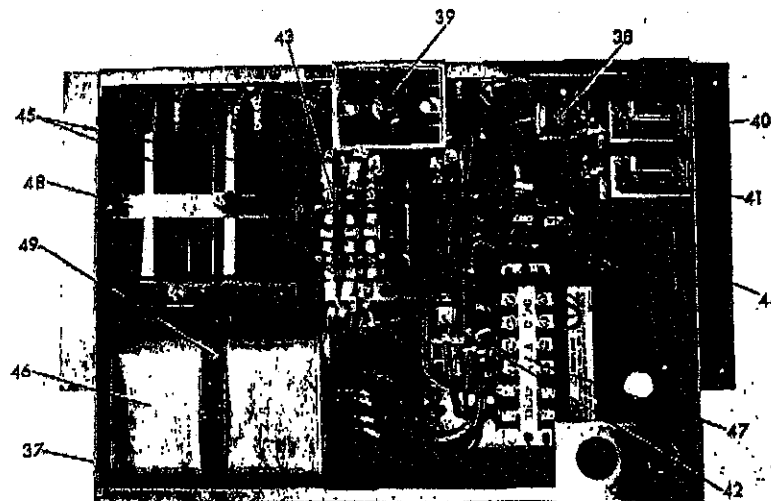


FIG. 9— Model 5W-25A- Control Panel

Item No.	Part Description	Part No.			
		Models			
		Fig.	LCH5A-10A	Fig.	LCH5W-10A
37	Electrical Box	8	367-81651	9	367-81651
38	Freeze Up Control	8	025-09390	9	025-09390
39	Operating Control	8	025-09391	9	025-09391
40	H.P. Cutout Control	8	025-09740	9	025-09276
41	L.P. Cutout Control	8	025-09846	9	025-09846
42	Motor Protector	8	024-08116	9	024-08133
43	Contactor (3-Pole)	8	024-12035	9	024-12032
44	Start Relay	8	024-08887	9	024-08832
45	Start Capacitor	8	024-08164	9	024-08164
46	Run Capacitor	8	024-12879	9	024-12162
47	Terminal Block	8	025-09883	9	025-09883
48	Capacitor Strap	8	067-30014	9	067-30014
49	Capacitor Strap	8	067-81702	9	067-81704
50	Control Relay	8	024-11640	—	—

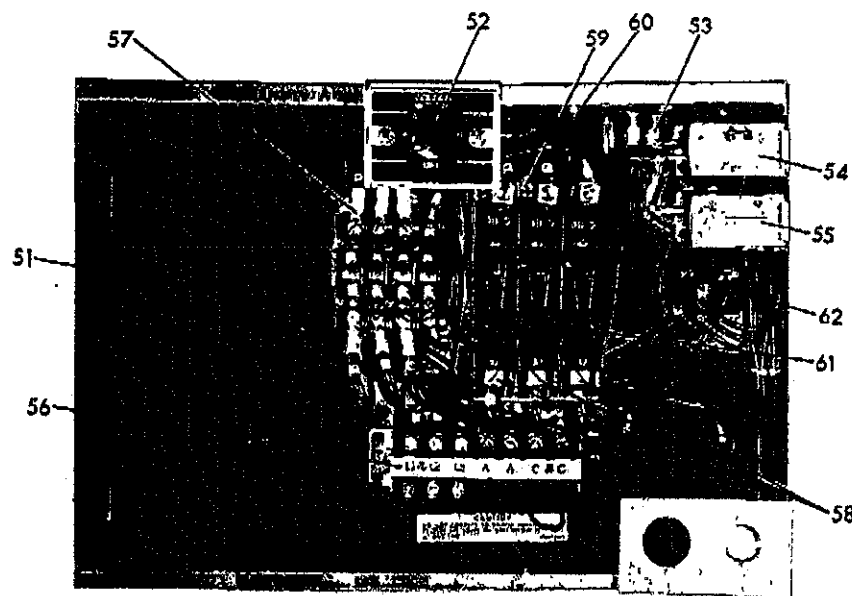


FIG. 10—Model LCH5A-25A-Control Panel

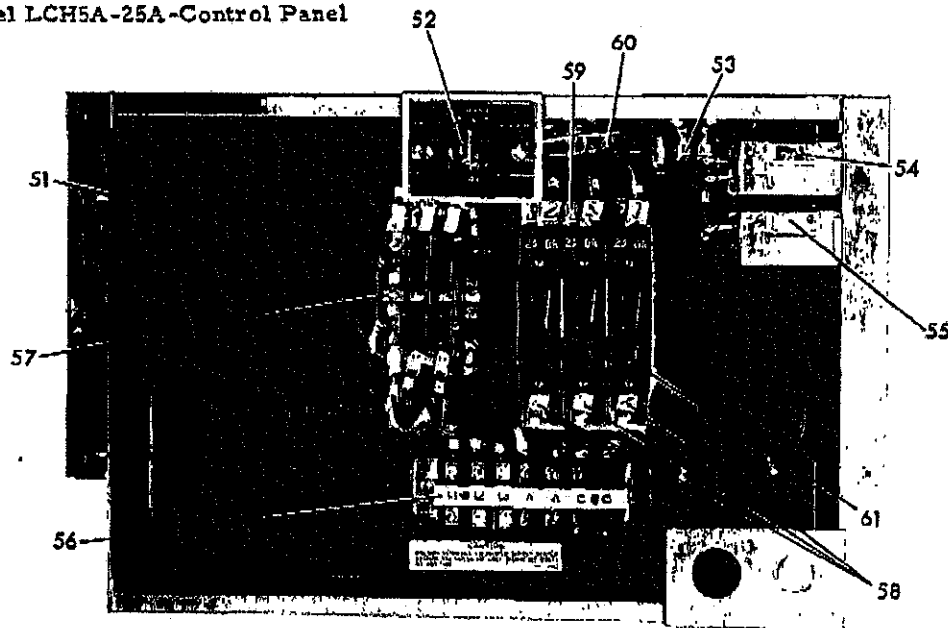


FIG. 11—Model LCH5W-25A-Control Panel

Item No.	Part Description	Part No.			
		Model			
		Fig.	LCH5A-25A	Fig.	LCH5W-25A
51	Electrical Box	10	367-81351	11	367-81351
52	Operating Control	10	025-09391	11	025-09391
53	Freeze-Up Control	10	025-09390	11	025-09390
54	HP Cutout Control	10	025-09740	11	025-09276
55	LP Cutout Control	10	025-09846	11	025-09846
56	Terminal Block	10	025-09874	11	025-09874
57	Contactor (4 Pole)	10	024-14184	11	024-14184
58	Motor Protector	10	024-08613	11	024-08306
59	Clamp	10	023-06508	11	023-06508
60	Grommet	10	062-03148	11	062-03148
61	Handle Tie	10	025-12268	11	025-12268
62	Control Relay	10	024-11640	--	---

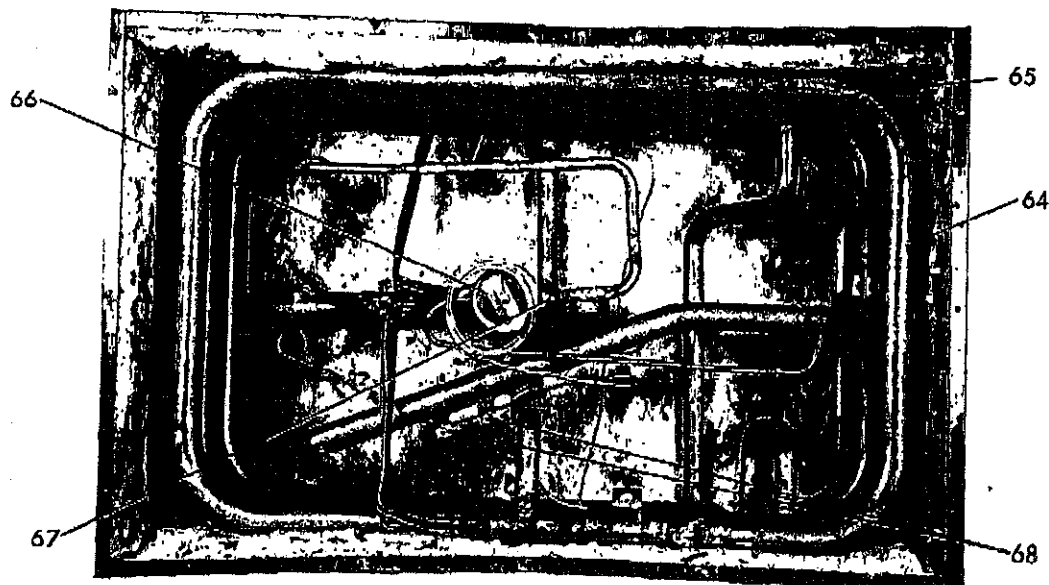


FIG. 12— Evaporator Section

Item No.	Part Description	Part No.			
		Model			
		Fig.	LCH5A	Fig.	LCH5W
63	Evaporator With Connections	*	367-80040	*	367-80040
64	Evaporator Coil	12	367-80041	12	367-80041
65	Strainer	12	029-08068	12	029-08068
66	Expansion Valve	12	025-14129	12	025-14129
67	Valve Body with Distributor Feeds	12	067-80048	12	067-80048
68	Bulb Clamps	12	021-12941	12	021-12941