



SECTION 3

**HERMETIC AND OPEN TURBOPAK
LIQUID CHILLING UNITS 150 THRU 400 TONS**

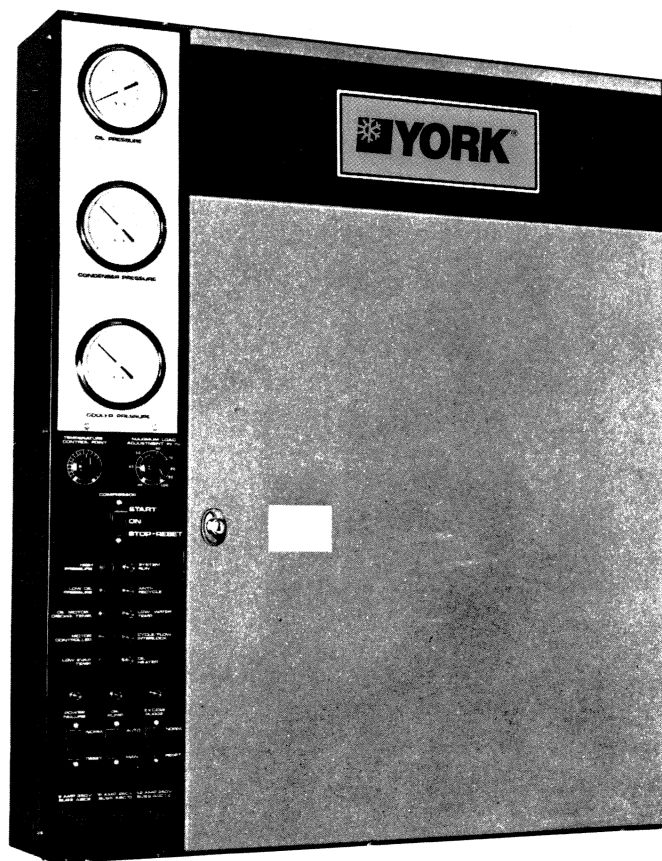
RENEWAL PARTS

Supersedes: Nothing

581

Form 160.44-RP2 (Sect. 3)

**ELECTRONIC CONTROL CENTER
MODEL HT/OT A1 A1 B1 THRU HT/OT F3 S3 C2
TURBO-MODULATOR SYSTEM
PART NO. 366-82969-003 MANUAL RESTART
PART NO. 366-82969-004 AUTOMATIC RESTART**



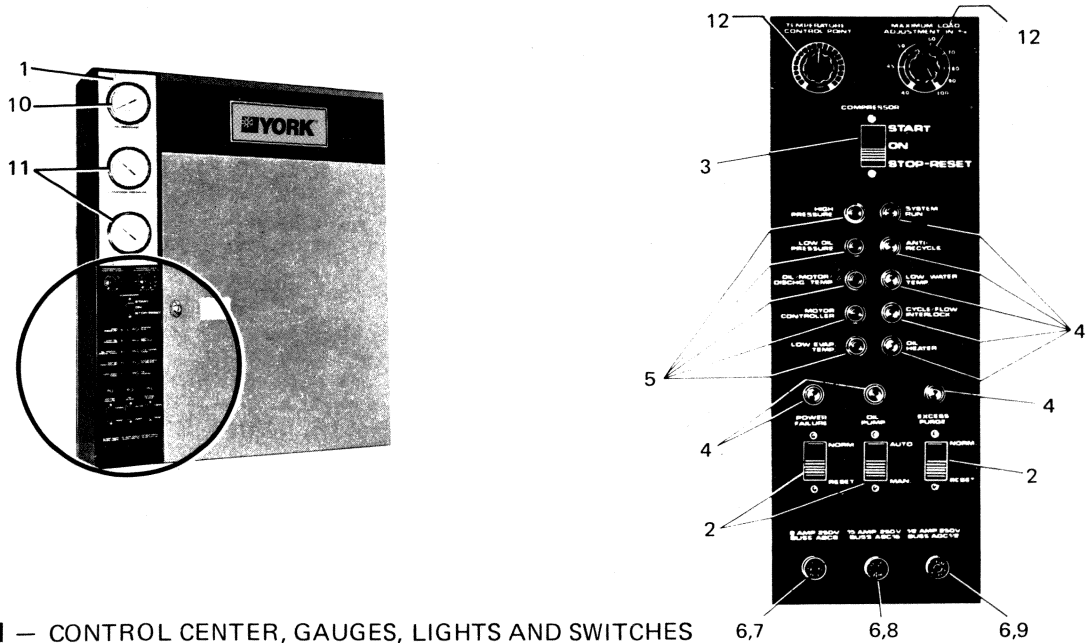


FIG. 1 — CONTROL CENTER, GAUGES, LIGHTS AND SWITCHES

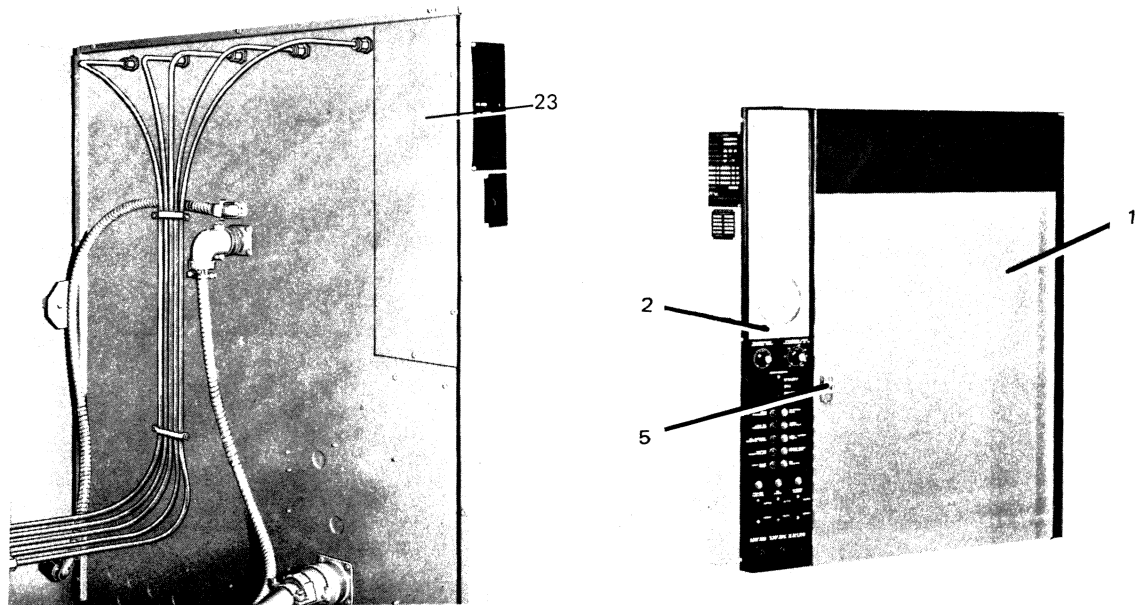


FIG. 2 — CONTROL CENTER FRONT & REAR

**CONTROL CENTER
GAUGES, LIGHTS AND SWITCHES (REFER TO FIG. 1)**

ITEM	DESCRIPTION	PART NO.	QUAN.
1	Panel, Gauge (Silk Screened)	066-81368	1
2	Switch	024-16590	3
3	Switch	024-20087	1
4	Light, Pilot (Amber)	025-14025	8
5	Light, Pilot (Red)	025-13551	5
6	Fuse, Holder	025-13991	3
7	Fuse (8 Amp)	025-16690	1
8	Fuse (15 Amp)	025-14384	1
9	Fuse (1/2 Amp)	025-14383	1
10	Gauge (OP)	026-14572-007	1
11	Gauge (Condenser & Cooler Press.)	026-14572-002	2
12	Knobs	025-15889	2

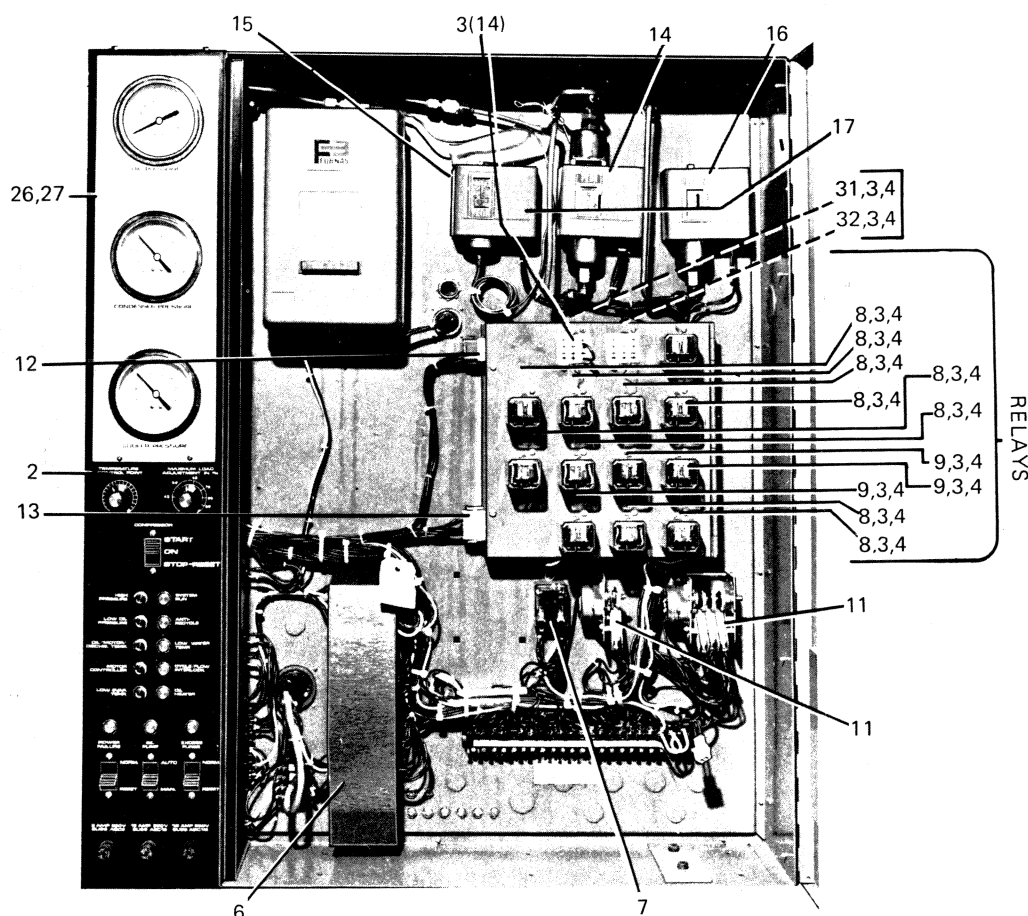


FIG. 3 — CONTROL CENTER

ITEM	DESCRIPTION	PART NO.	QUAN.	SEE FIG.
1	Door & Hinge Assembly	366-81443	1	2
2	Panel Gauge & Switch	366-81518	1	2
3	Receptacle, Relay	025-19688	14	3
4	Retainer, Relay	024-19056	14	3
5	Fastener Pawl (Lock & Keys)	021-13025	1	2
6	Insulation, Terminal Block	066-81517	1	3
7	Relay, Control (13R)	024-20090	1	3
8	Relay, Control (1R, 2R, 6R, 7R, 8R, 9R, 10R, 11R, 12R)	024-18784	9	3
9	Relay, Control (3R, 4R, 5R)	024-20089	3	3
10	Timer, Repeat Cycle (1TR)	025-20790	1	3
11	Timer, Repeat Cycle (2TR)	025-17172	1	3
12	Connector, Electrical (12 Pin)	025-20787	1	3
13	Connector Electrical (15 Pin)	025-20788	1	3
14	Control, Pressure (OP)	225-14386-003	1	3
15	Control, Pressure (HP)	025-14385	1	3
16	Control, Pressure (PHP)	025-17676	1	3
17	Bushing (For Press. Controls - Items 14, 15, 16)	025-10147	3	3
18	Control, Purge Cycle Counter (PCC)	025-17687	1	4
19	Terminal, Block (1TB)	025-15865	23	3
20	Terminal, Block (2TB)	025-18867	20	3
21	Strip, Marker (2TB)	025-20793	1	3
22	Strip, Marker (1TB)	025-20794	1	3
23	Cover, Access Panel	066-81510	1	2
24	Connector, Electrical (A-B)	025-21159	1	3
25	Block, Terminal End	025-13981	2	2
26	Element, Heater Overload	024-18424	3	3
27	Starter - Oil Pump	024-19119-002	1	3

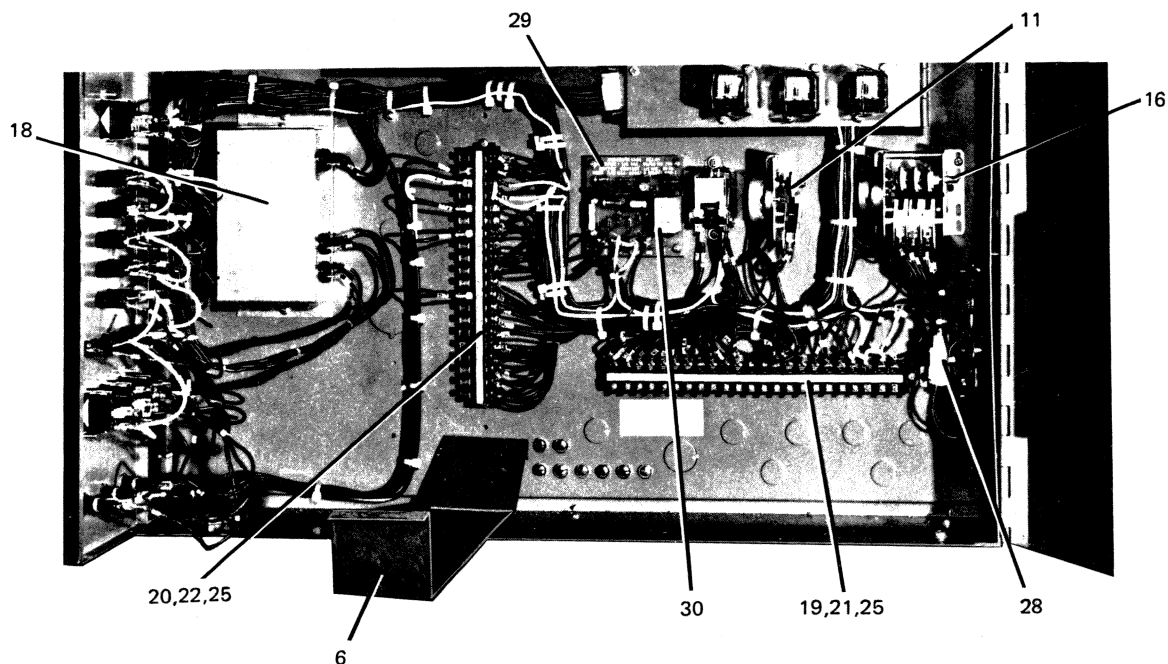


FIG. 4 —

VARIABLE PARTS

ITEM	DESCRIPTION	MANUAL RESTART		AUTO RESTART	
		PART NO.	QUAN.	PART NO.	QUAN.
28	Connector	025-14461	3	—	—
29	Nut, Expansion	—	—	021-13017	4
30	Control (Under Voltage Relay)	—	—	031-00082	1
31	Relay - (14 R)	—	—	024-20089	1
32	Relay - (15R)	—	—	024-18784	1



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