



HERMETIC CENTRIFUGAL CHILLER

19CB

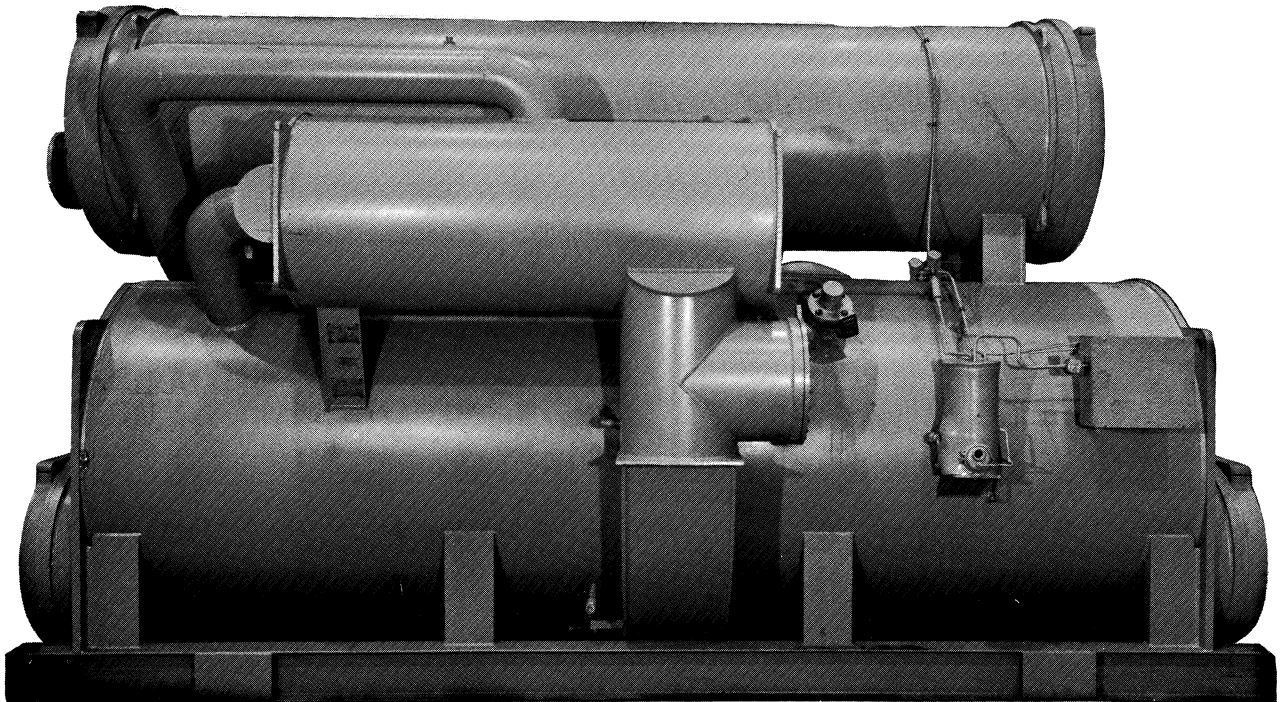
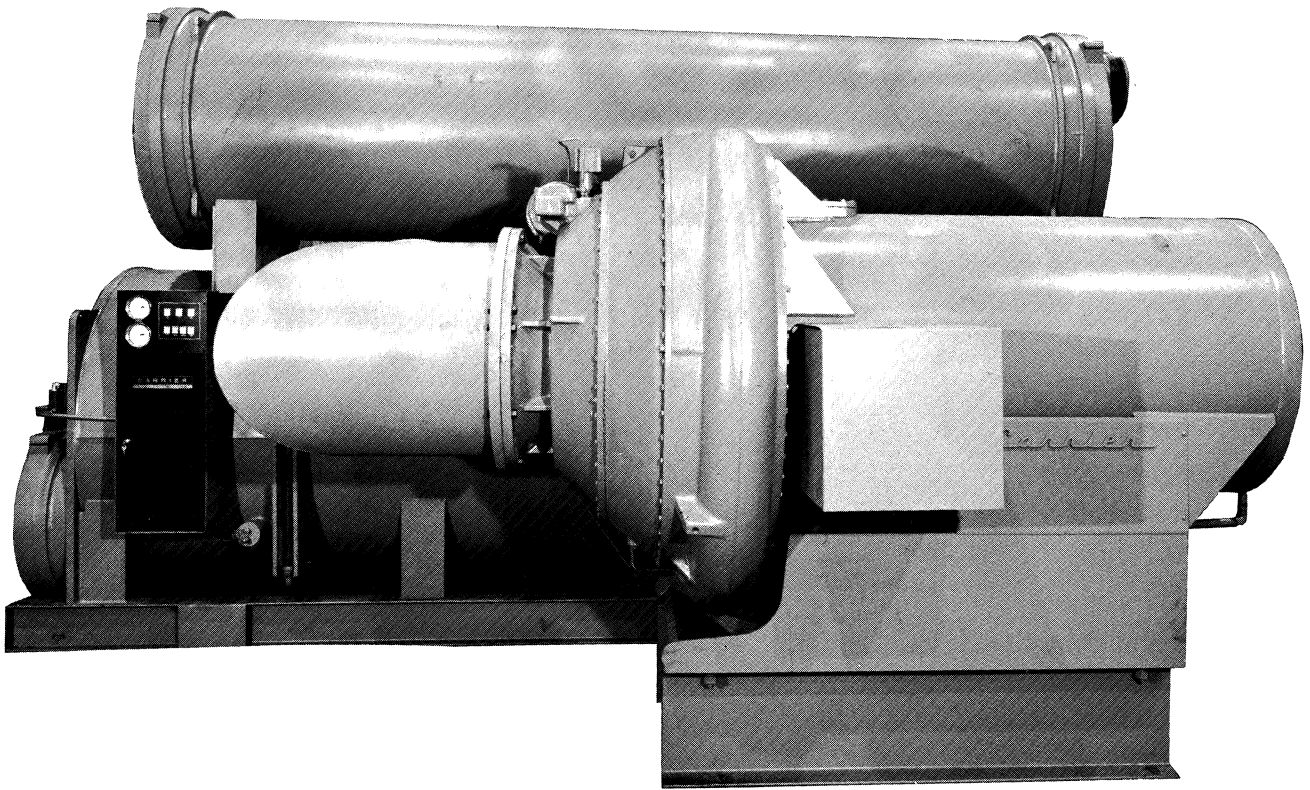
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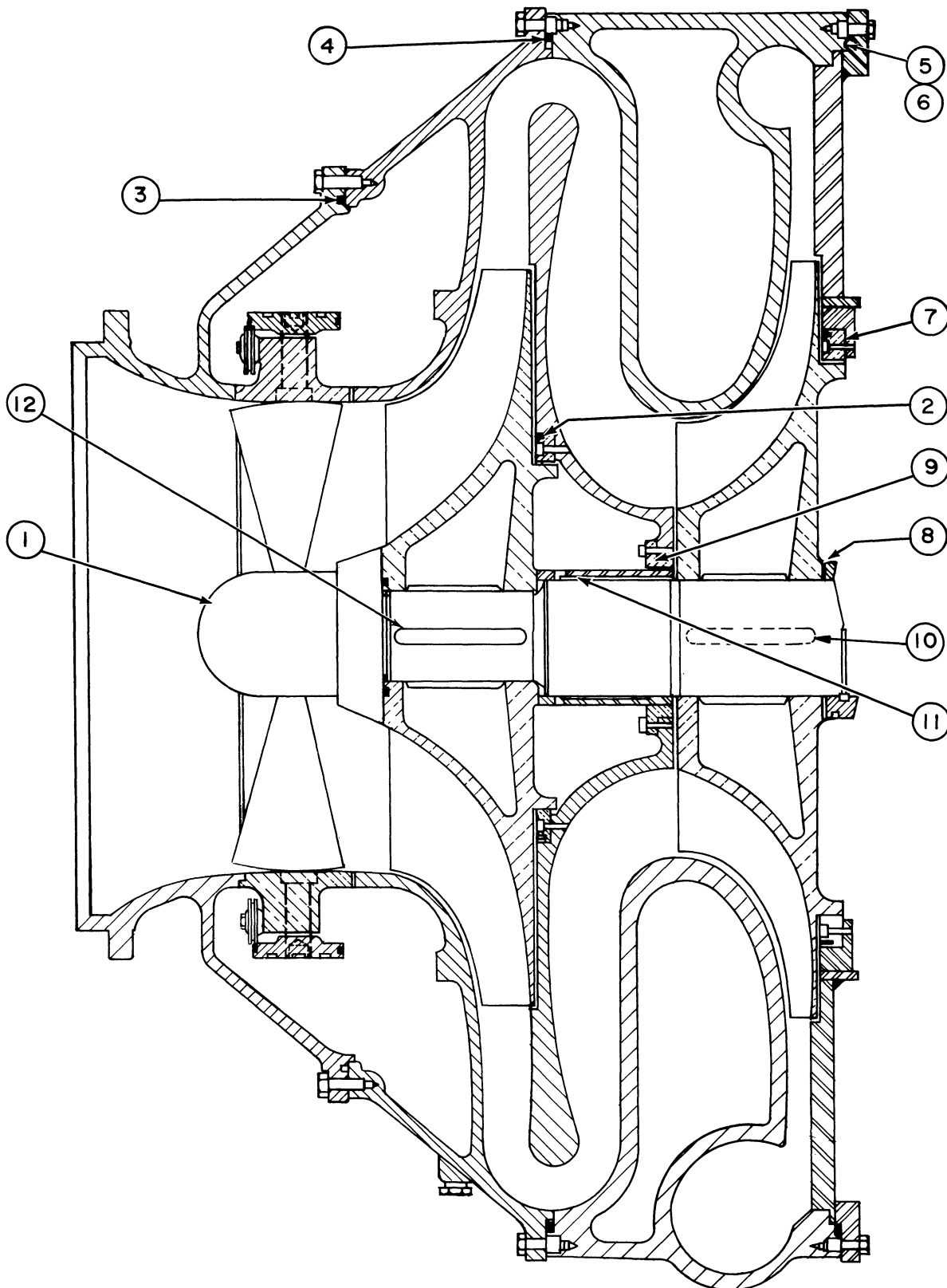
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Compressor Assembly



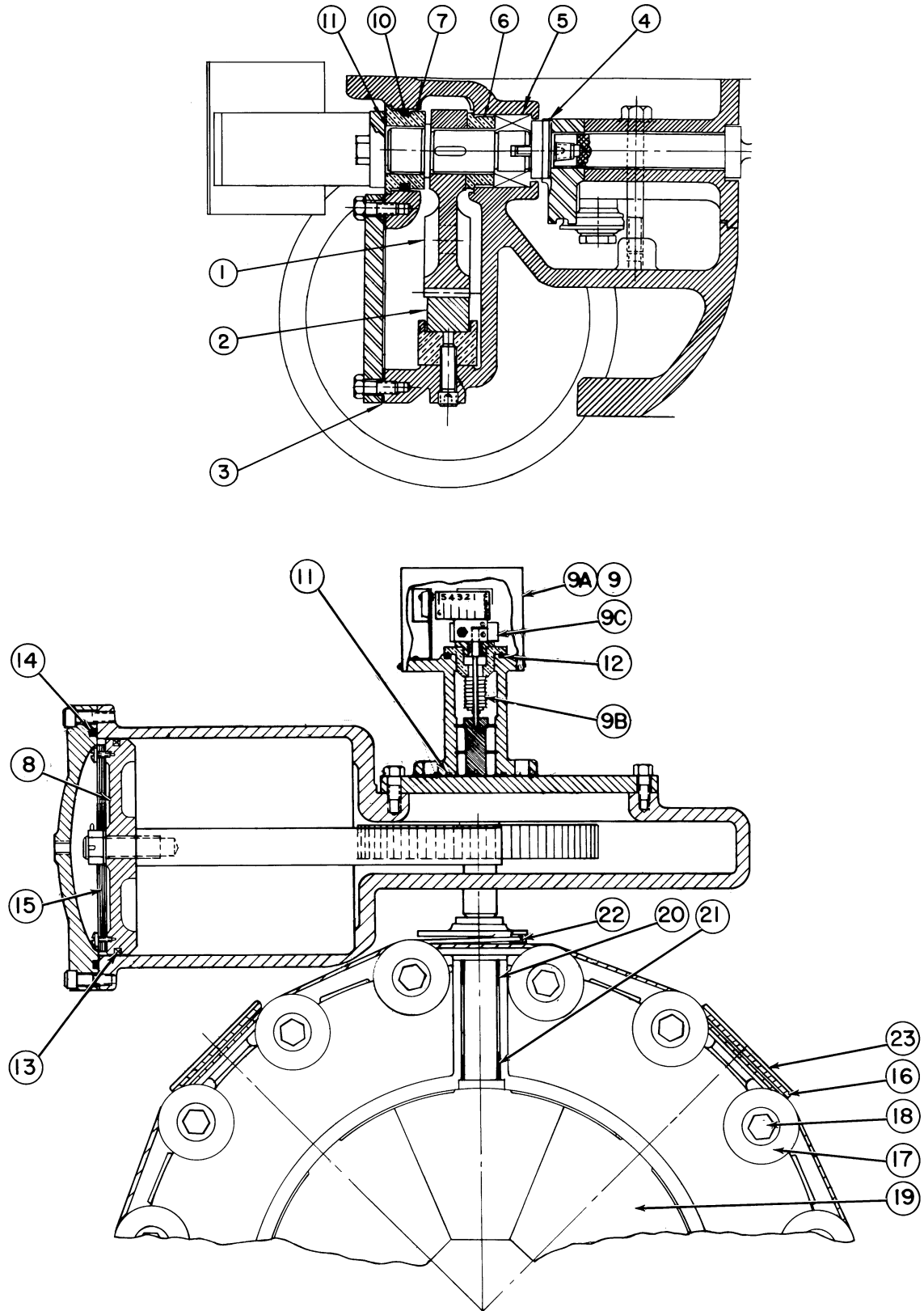
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ITEM NO.	DESCRIPTION	QUANTITY	PART NUMBER	USED ON
COMPRESSOR ASSEMBLY				
1	Shaft Cap	1	19C65-813	All Compressors
2	1st Stage Impeller Labyrinth	1	19C47-1223	All Compressors
3	"O" Ring	1	KK71GW-454	All Compressors
4	"O" Ring	1	KK71ER-583	All Compressors
5	Discharge Volute Gasket	1	19C65-1651	All Compressors
6	"O" Ring	1	KK71ER-597	All Compressors
7	2nd Stage Impeller Labyrinth	1	19C67-1233	R11 Compressors
		1	19C77-1233	R11 Compressors
		1	19C87-1233	R114 Compressors
8	Shim	1	19C67-1831	All Compressors
9	Shaft Labyrinth	1	19C67-1572	All Compressors
10	Impeller Key	2	19C66-1071	All Compressors
11	Impeller Spacer	1	19C67-1082	All Compressors
12	Impeller Key	2	19C65-1071	All Compressors

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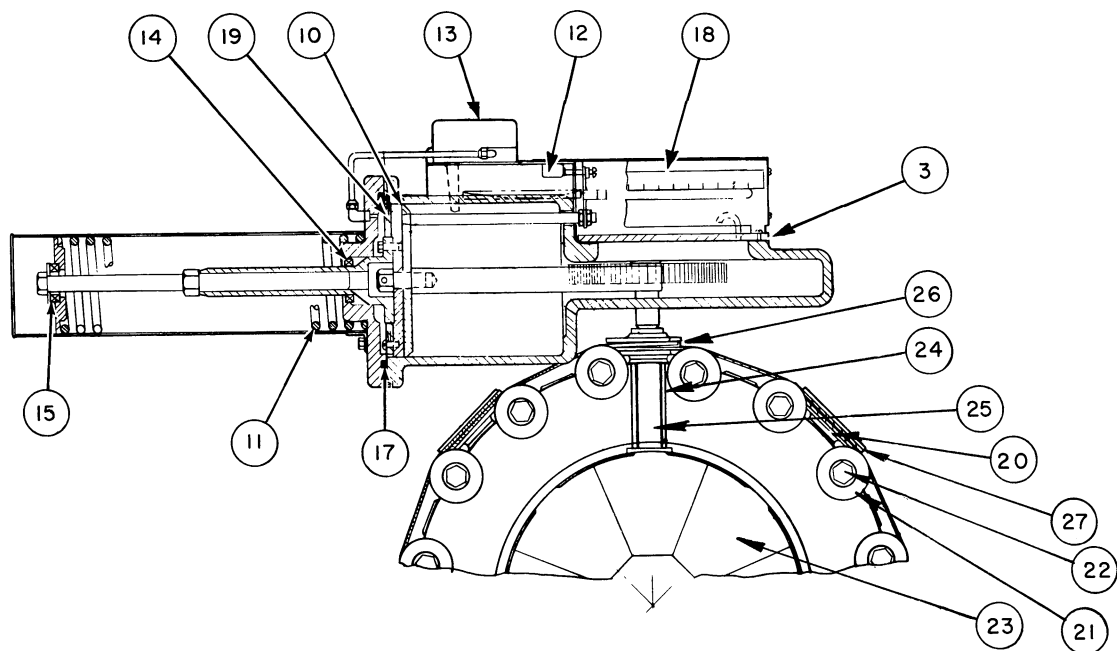
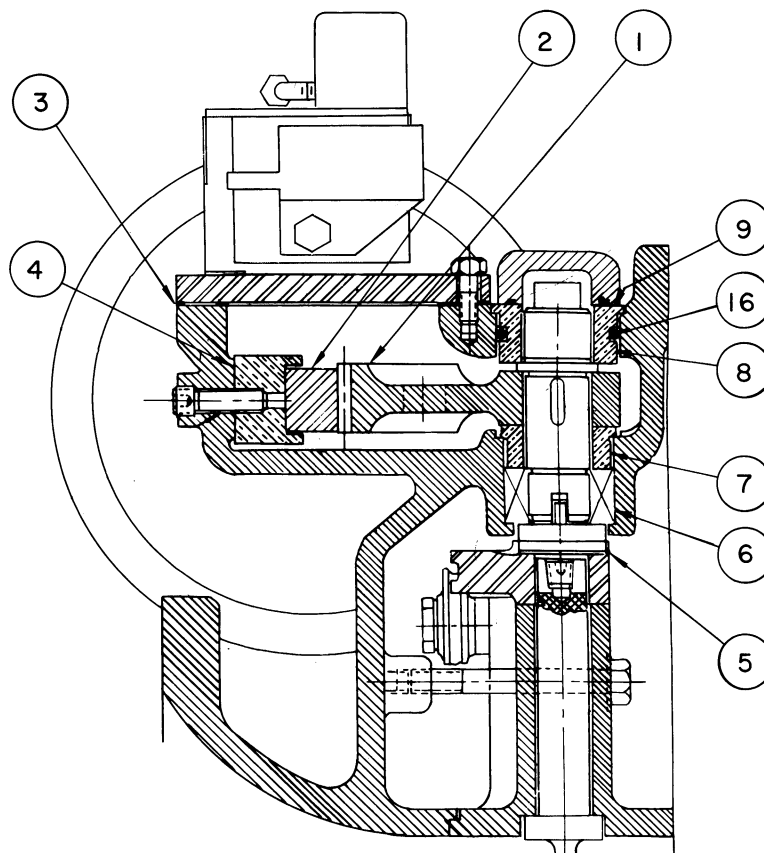
Inlet Venturi Hydraulic-Electronic



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ITEM NO.	DESCRIPTION	QUANTITY	PART NUMBER	USED ON
INLET VENTURI (ELECTRONIC)				
1.	Gear Segment	1	19C47-2002	All Compressors
2.	Rack	1	19C47-1563	All Compressors
3.	Gasket	1	19C46-2072	All Compressors
4.	Coupling	1	19C47-2421	All Compressors
5.	Mechanical Seal	1	19C35-014	All Compressors
	Includes:			
5A.	Quad Ring	1	KK74ZW-181	
5B.	Quad Ring	1	KK74ZW-112	
6.	Lower Shaft Bushing	1	19C47-2471	All Compressors
7.	Upper Shaft Bushing	1	19C47-2461	All Compressors
8.	Piston	1	19C47-1553	All Compressors
9.	Vane Position Indicator	1	HR86XA-020	All Compressors
	Includes:			
9A.	Variable Resistor	1	HR89XA-006	
9B.	Bellows and Shaft	1	19C35-002	
9C.	Micro-Switch	1	HR54TE-016	
10.	"O" Ring	1	KK71GW-023	All Compressors
11.	"O" Ring	1	KK71GY-018	All Compressors
12.	"O" Ring	1	KK71GY-017	All Compressors
13.	Piston Ring	1	AU50CA-073	All Compressors
14.	"O" Ring	1	KK71GW-080	All Compressors
15.	Shim (Average of 5 Required)	-	19C47-2062	All Compressors
16.	Vane Pulley Pkg.	15	19C36-791	All Compressors
17.	Pulley and Bushing Package	16	19C47-771	All Compressors
	Includes:			
	Idler Pulley	1	19C47-6131	
	Bushing	1	KT53XL-065	
18.	Shoulder Screw	16	19C47-2481	All Compressors
19.	Prewirl Blade	16	19C85-1359	R11
		16	19C85-2684	R114
20.	Bushing	16	KT53XL-100	R11
	Bearing	16	KT55ZU-080	R114
21.	Bushing	16	KT53XL-100	R11
	Bearing	16	KT03BQ-083	R114
22.	Cable and Drive Pulley Package	1	19C87-761	All Compressors
	Includes:			
	Cable	1	19C86-753	
	Drive Pulley Pkg.	1	19C87-781	
23.	Pipe Plug	16	CA64AT-101	All Compressors



Inlet Venturi (Pneumatic)



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ITEM NO.	DESCRIPTION	QUANTITY	PART NUMBER	USED ON
INLET VENTURI (PNEUMATIC)				
1.	Gear Segment	1	19C47-2002	All Compressors
2.	Rack	1	19C47-1563	All Compressors
3.	Gasket	1	19C46-2072	All Compressors
4.	Gear Rack Block	1	19CB112-101	All Compressors
5.	Coupling	1	19C47-2421	All Compressors
6.	Mechanical Seal	1	19C35-014	All Compressors
	Includes:			
6A.	Quad Ring	1	KK74ZW-181	
6B.	Quad Ring	1	KK74ZW-112	
7.	Lower Shaft Bushing	1	19C47-2471	All Compressors
8.	Upper Shaft Bushing	1	19C47-2461	All Compressors
9.	Gasket	1	19C36-4821	All Compressors
10.	Piston Seal	1	19C35-4861	All Compressors
11.	Spring	1	19C35-4891	All Compressors
12.	Micro-Switch	1	HR54TE-016	All Compressors
13.	Pilot Positioner	1	HF93LJ-001	All Compressors
14.	Garlock Seal	1	KT90VL-114	All Compressors
15.	Thrust Bearing	1	KT14HX-060	All Compressors
16.	"O" Ring	1	KK71GW-023	All Compressors
17.	"O" Ring	1	KK71GW-080	All Compressors
18.	Indicator Label	1	19C35-4941	All Compressors
19.	Shim (Average of 5 required)	-	19C47-2062	All Compressors
20.	Vane Pulley Package	15	19C36-791	All Compressors
21.	Vane and Bushing Package	16	19C47-771	All Compressors
	Includes:			
	Idler Pulley	1	19C47-6131	
	Bushing	1	KT53XL-065	
22.	Shoulder Screw	16	19C47-2481	All Compressors
23.	Pre-Whirl Blade	16	19C85-1359	R11
		16	19C85-2684	R114
24.	Bushing	16	KT53XL-100	R11
	Bearing	16	KT55ZU-080	R114
25.	Bushing	16	KT53XL-100	R11
	Bearing	16	KT03BQ-083	R114



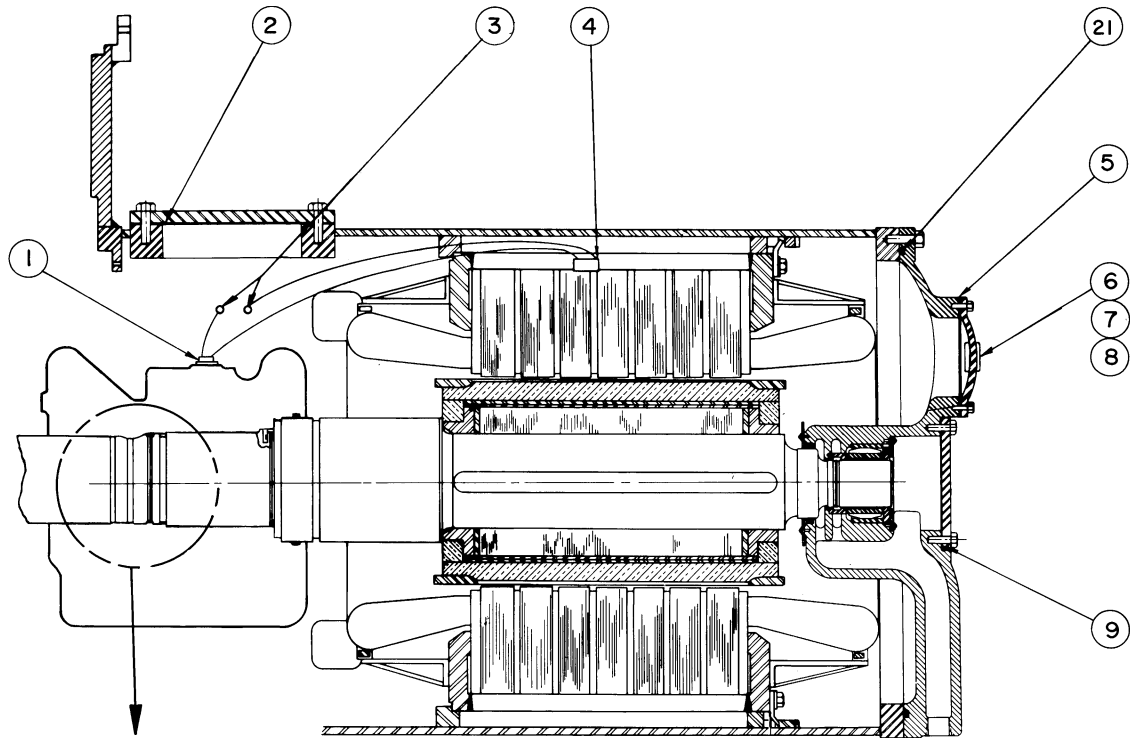
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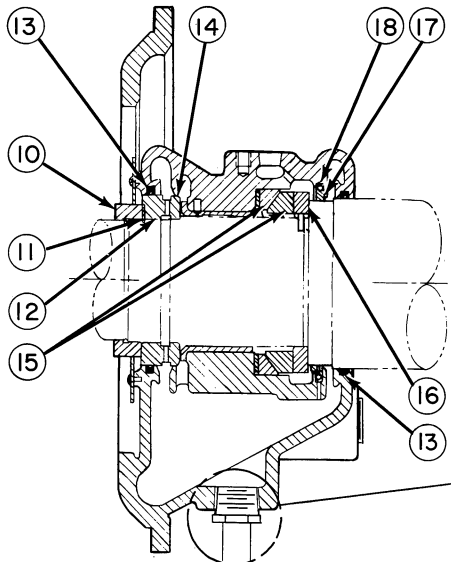
ITEM NO.	DESCRIPTION	QUANTITY	PART NUMBER	USED ON
INLET VENTURI (PNEUMATIC) (CONT'D.)				
26.	Cable and Drive Pulley Package Includes: Cable Drive Pulley Package	1 1 1	19C87-761 19C86-753 19C87-781	All Compressors
27.	Pipe Plug	16	CA64AT-101	All Compressors

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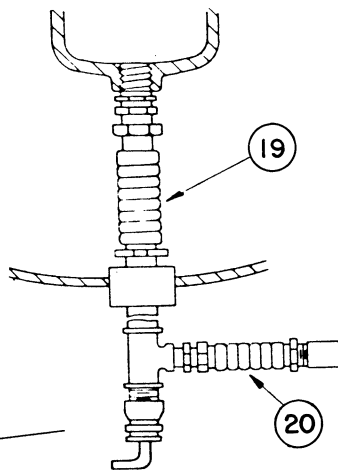
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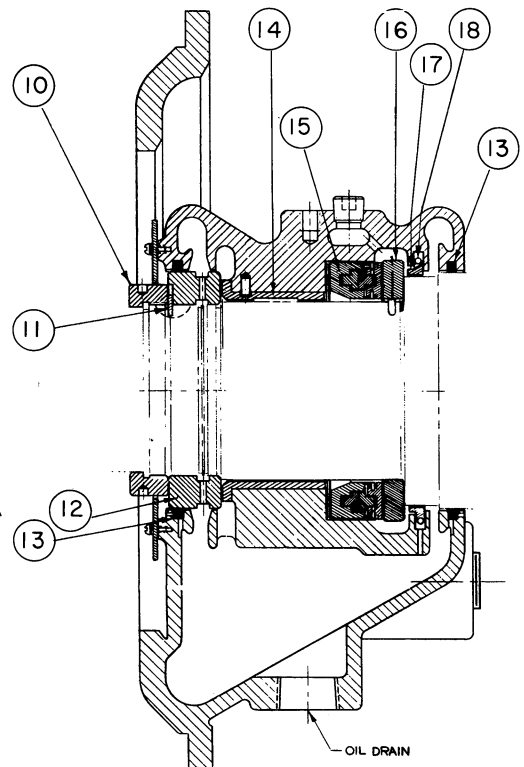
Motor Group



Main Bearing (R-11)



Main Bearing Drain



Main Bearing (R-114 Only)

Motor and Main Bearing



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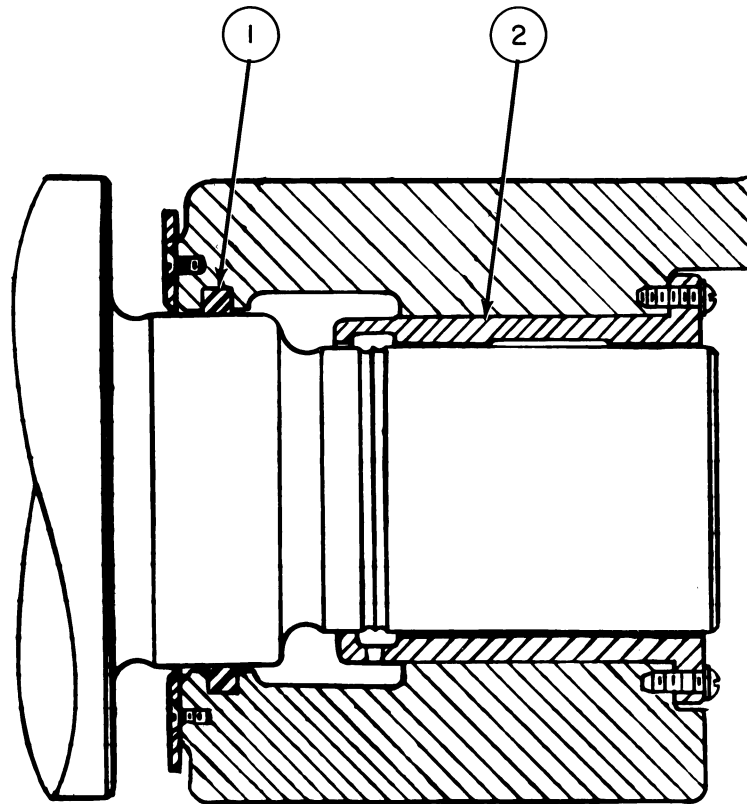
ITEM NO.	DESCRIPTION	QUANTITY	PART NUMBER	USED ON
MOTOR & MAIN BEARING				
1.	Bearing Thermostat	1	19C65-446	All Compressors
2.	Inspection Cover Gasket	1	19CB712-1053	All Compressors
3.	Thermostat Terminal	2	19C37-582	All Compressors
4.	Motor Thermostat	1	HN68GE-082	All Compressors
5.	Cover Gasket	1	19CB712-1212	All Compressors
6.	Sight Glass	2	19C35-6151	All Compressors
7.	Inner Sight Glass Gasket	2	5F20-1011	All Compressors
8.	Outer Sight Glass Gasket (Pkg. of 12)	1	5F20-1631-012	All Compressors
9.	Cover Plate Gasket	1	19C45-4772	Used With Motors R, S, T, U
		1	19C85-4772	Used With Motors V, W, X, Y, XX
10.	Thrust Ring Nut	1	19C67-1052	All Compressors
11.	Thrust Ring Key	1	19C47-1021	All Compressors
12.	Thrust Ring	1	19C67-1042	All Compressors
13.	Felt Packing	1	19C67-2711-004	All Compressors
14.	5 1/2" Bearing Liner	1	19CB712-244	All Compressors
15.	Thrust Bearing Assembly Includes:	1	19C66-373	R11
	Backing Half Ring	1	19CB660001	
	Bearing Seat	1	19C66-353	
	Base Ring	1	19C66-363	
	Brass Shim	2	19CB712-1222	
15.	Thrust Bearing Assembly Includes:	1	19CB712-504	R114
	Thrust Shoe Assembly	1	19CB712-122	
	Leveling Pad	32	19CB712-1043	
	Pad	16	19DA13-1261	
	Spiral Wrapped Pin	16	19CB712-1182	
	Brass Shim Half Ring	2	19CB712-1222	
	Backing Ring Half	1	19CB660001	
16.	Thrust Ring	1	19C67-1032	R11
	Thrust Disc	1	19CB712-1023	R114
17.	Seal Ring Assembly	1	19C67-513	All Compressors
18.	Garter Spring	1	19C67-1001	All Compressors
NS	Gask-O-Seal	2	19C65-2203	All Compressors



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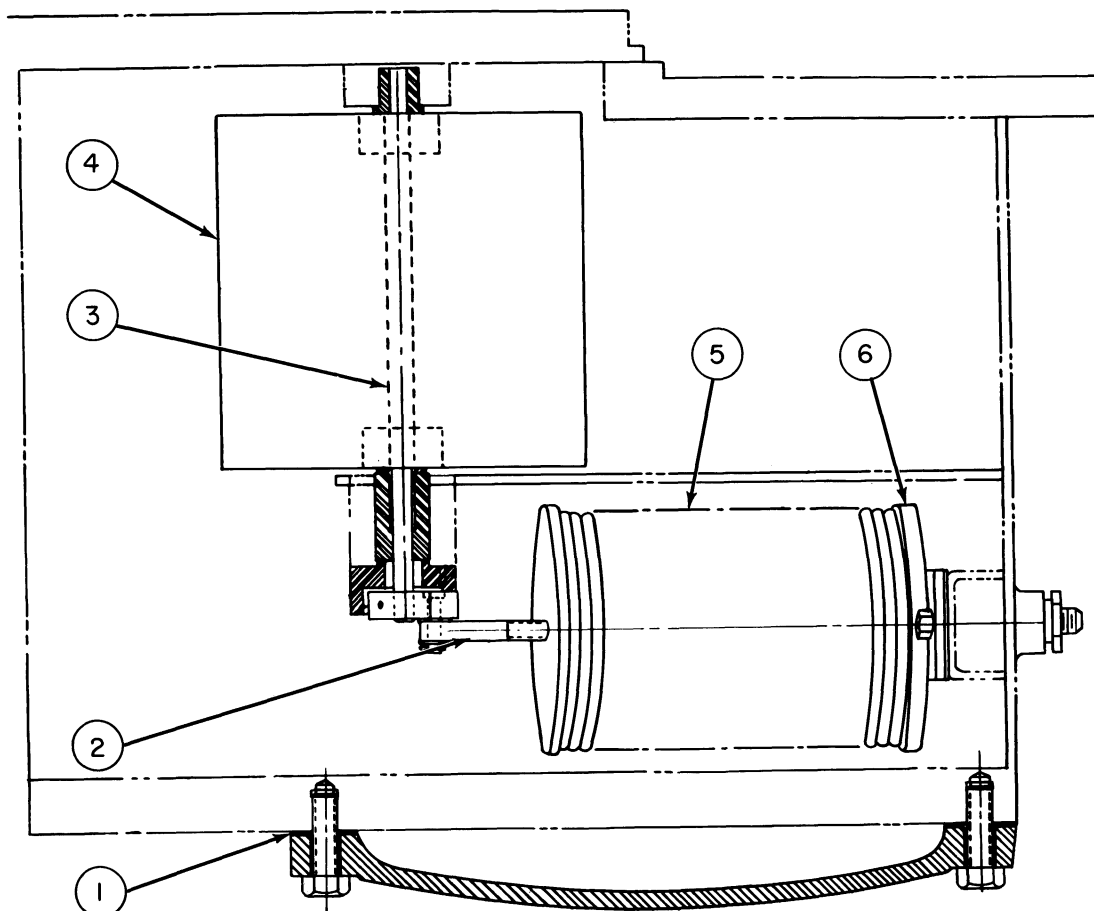
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ITEM NO.	DESCRIPTION	QUANTITY	PART NUMBER	USED ON
MOTOR & MAIN BEARING (CONT'D.)				
19.	Bronze Hose	1	KA73PH-075	Used With Motors R, S, T, U
		1	KA73PH-095	Used With Motors V thru XX
20.	Bronze Hose	1	KA73PH-095	All Compressors
21.	"O" Ring	1	KK71GW-340	32 Frame Size Compr.
		1	KK71GW-381	36 Frame Size Compr.



**Rear Bearing,
Used with R thru XX Motors**

ITEM NO.	DESCRIPTION	QUANTITY	PART NUMBER
1	Felt Ring	1	19C87-3491
2	4" Bearing Liner	1	19C87-2053

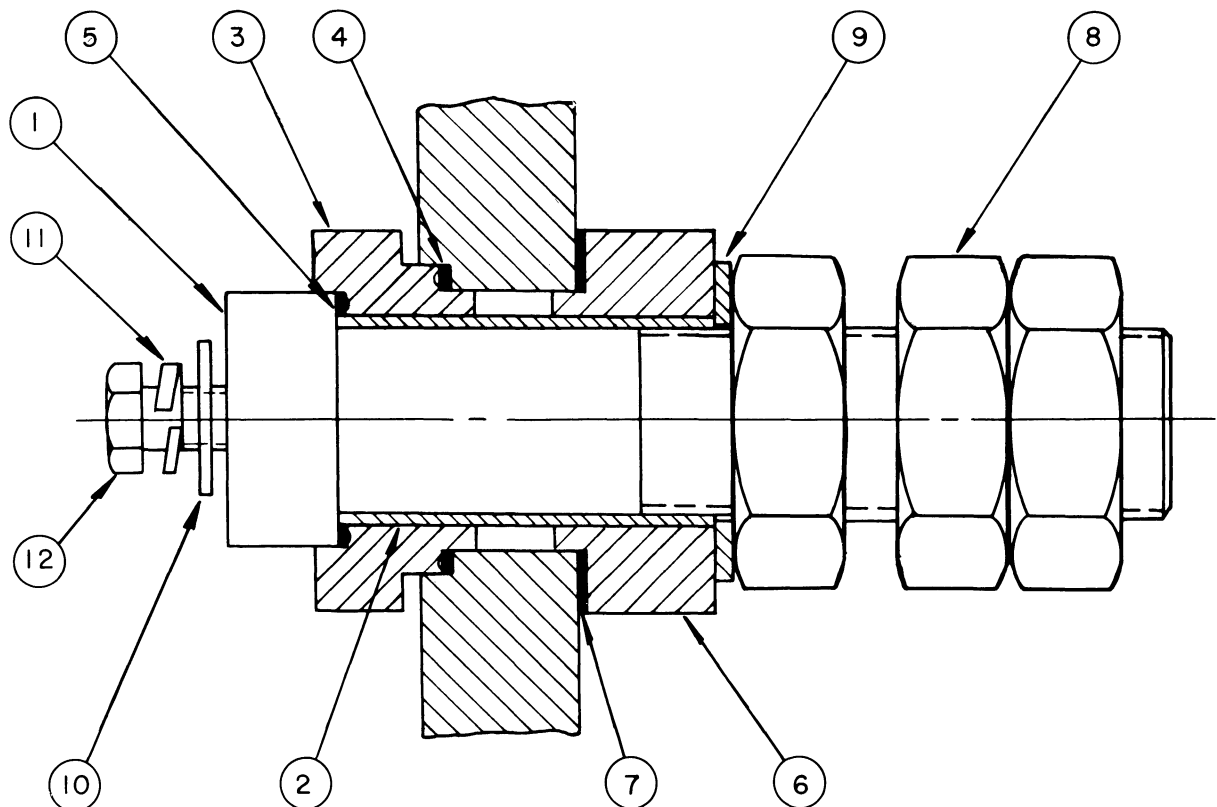


Damper Assembly
(R-114 Only)

ITEM NO.	DESCRIPTION	QUANTITY	PART NUMBER
DAMPER PARTS			
1.	Gasket, Inspection Cover	1	19C67-2372
2.	Bellows Shaft	1	19C57-462
3.	Damper Shaft	1	19C67-2342
4.	Damper Blade Assembly	1	19C67-722
5.	Bellows Assembly	1	19C57-472
6.	Gasket, Bellows	1	19C57-2911

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Lo-Voltage Motor Terminals

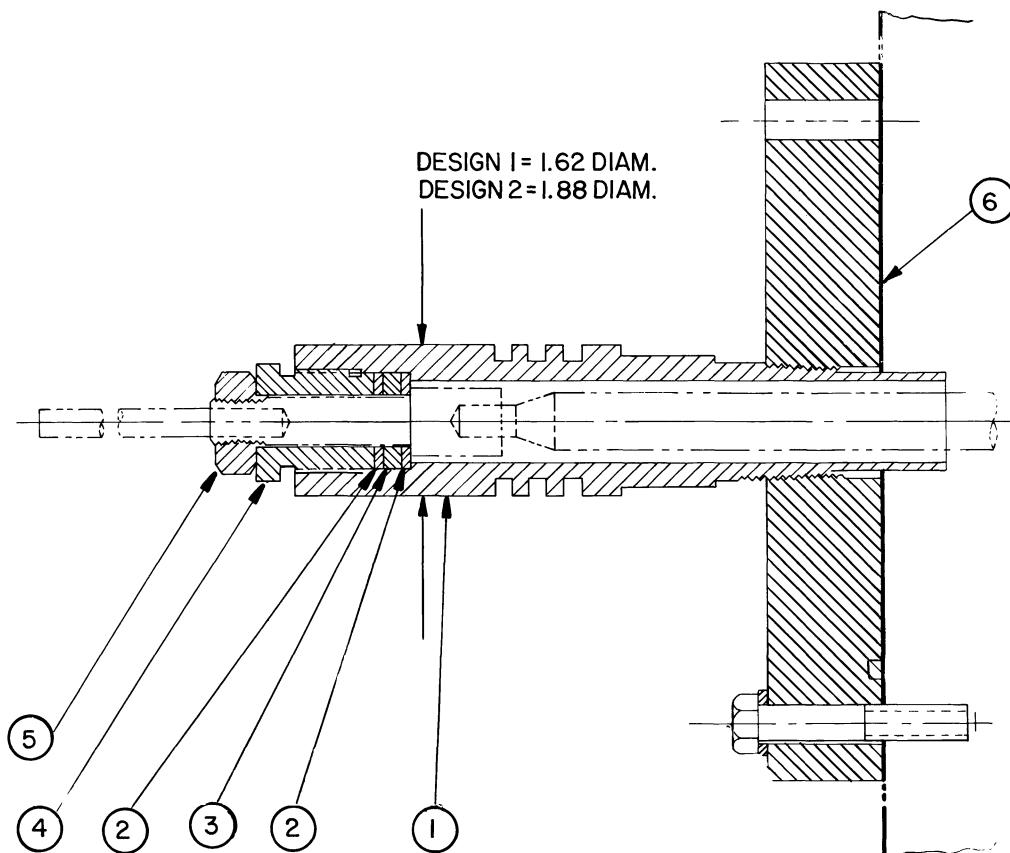
ITEM NO.	DESCRIPTION	SIZE	USED ON MOTOR		
			R THRU U	X	V THRU W
		VOLTAGE	208-220	440-550	440-550
		QUANTITY	PART NUMBER		

COMPRESSOR MOTOR TERMINALS

1.	Stud	6	19C65-2562	19C65-2792
2.	Sleeve	6	19C85-4041	19C67-4041
3.	Insulator	6	19C65-2642	19C76-2642
4.	Gasket	6	19C66-3301	19C66-3301
5.	Gasket	6	19C66-3311	19C67-3311
6.	Insulator	6	19C66-2642	19C67-2642
7.	Gasket	6	19C65-3311	19C65-3311
8.	Hex Nut	18	19C66-3471	19C57-3471
9.	Plate Washer	6	19C87-3551	AU02QA-421
10.	Plate Washer	6	AU01NA-301	AU01NA-301
11.	Lockwasher	6	AU11PA-301	AU11PA-301
12.	Hex Head Capscrew	6	AA06QA-293	AA06QA-293

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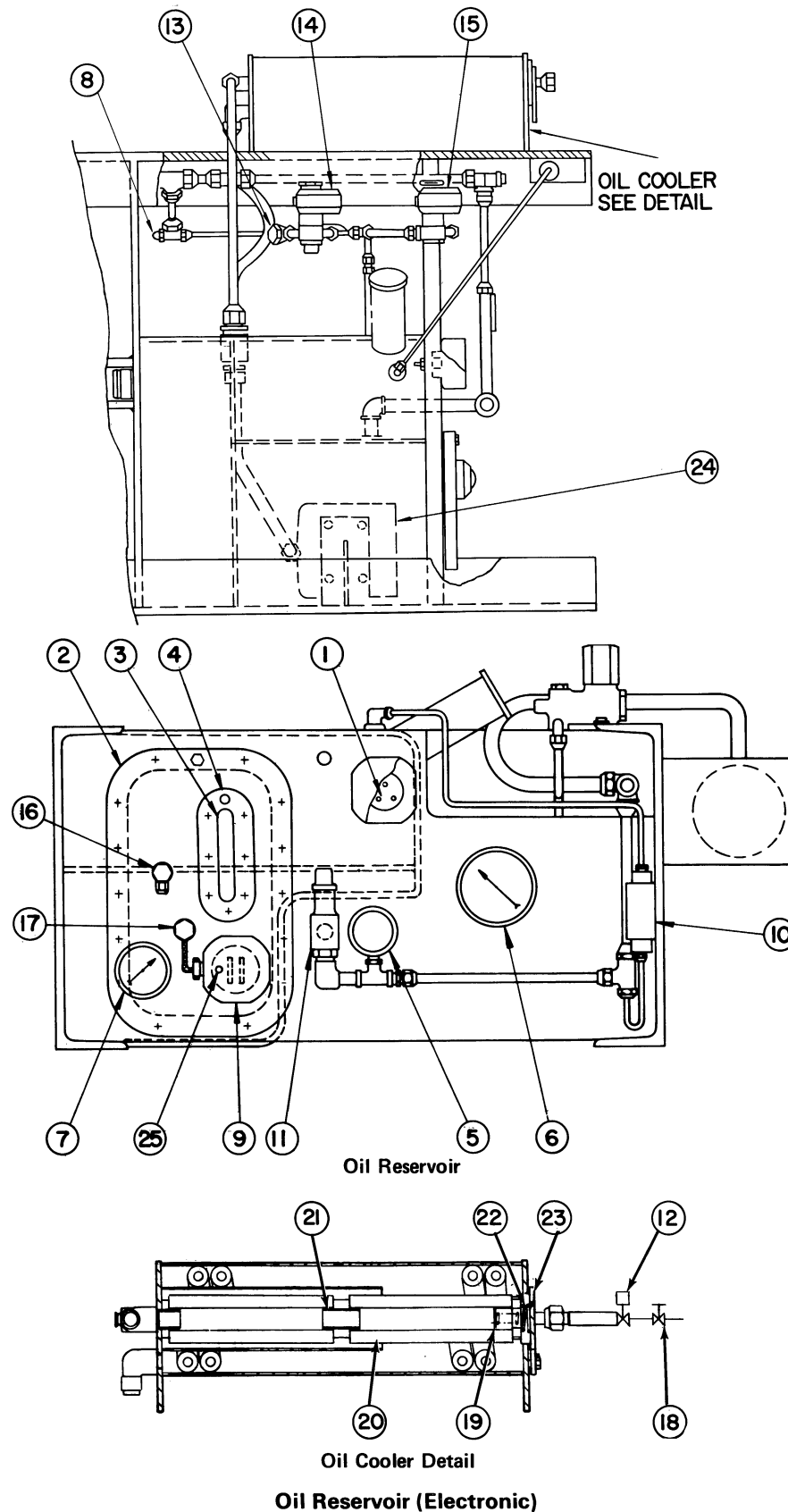
**Terminal Arrangement (Hi-Voltage)
Used with Motors R thru XX**

ITEM NO.	DESCRIPTION	QTY.	PART NUMBER	
			DESIGN 1	DESIGN 2
1.	Terminal Insulator	3	19EA41-1433	19FA502-1504
2.	Terminal Retainer	6	19EA51-1832	19FA502-1242
3.	Packing Ring	3	19EA51-1942	19FA502-1232
4.	Packing Nut	3	19C65-4122	19FA502-1222
5.	Jam Nut	3	AT14QA-311	AT14QA-311
6.	Gasket	1	19CB712-1252	-
N.S.	"O" Ring	1	-	KK71GZ-051

Note: Six (6) lead motors use double the quantity shown.

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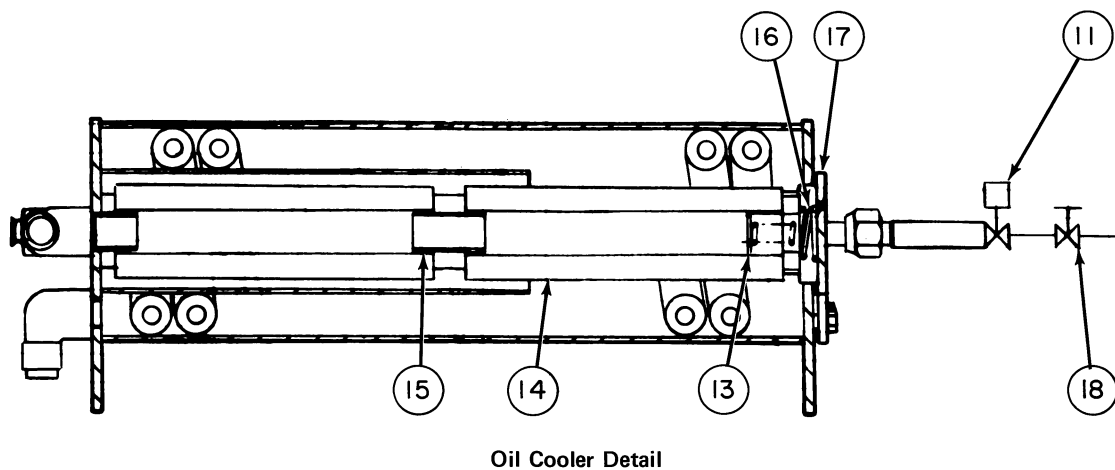
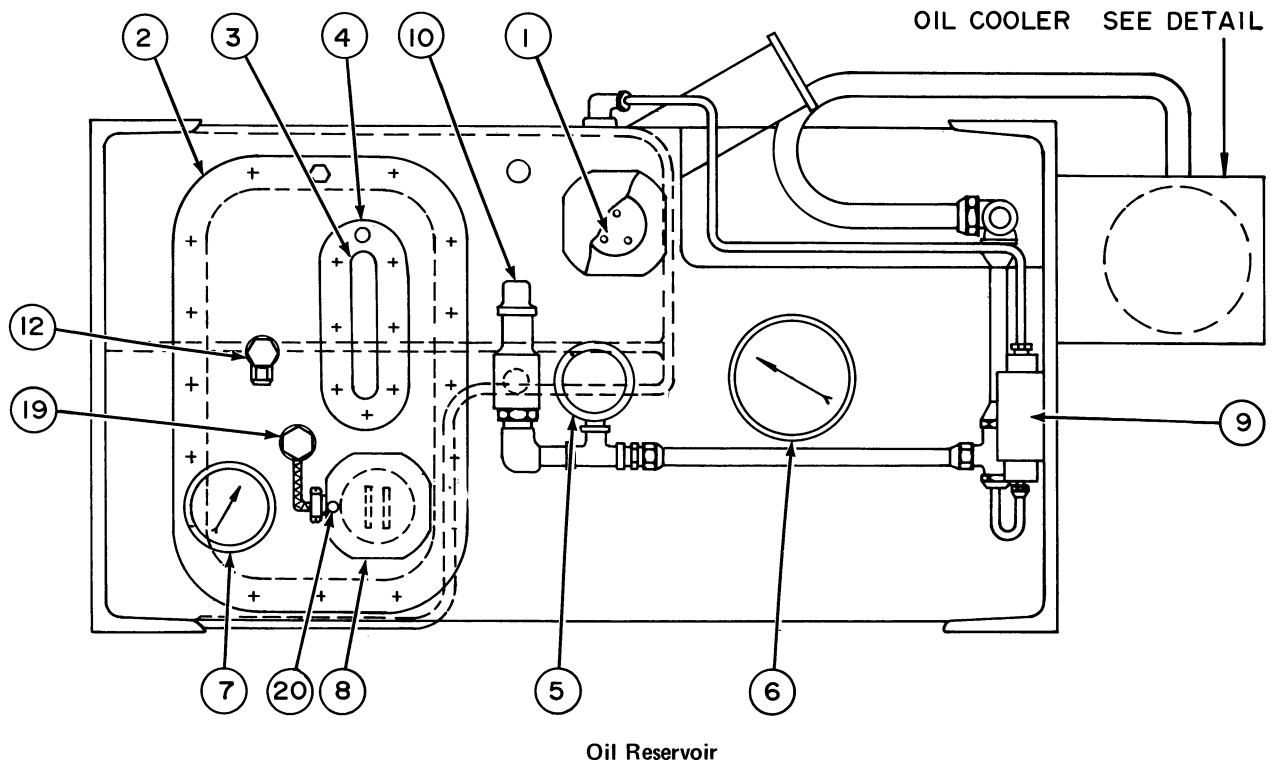




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ITEM NO.	DESCRIPTION	QUANTITY	PART NUMBER	USED ON
OIL RESERVOIR (ELECTRONIC)				
1.	Terminal	3	19CB712-102	A11 Compressors
2.	Cover Gasket	1	19C45-3222	R11 Compressors
		1	19C86-3222	R114 Compressors
3.	Sight Glass	1	17M32-1502	A11 Compressors
4.	Sight Glass Gasket	2	19C35-4782	A11 Compressors
5.	Oil Pressure Gauge	1	KM03AC-231	R11 Compressors
		1	KM03AC-245	R114 Compressors
6.	Bearing Temperature Gauge	1	KM11ZZ-224	A11 Compressors
7.	Oil Temperature Gauge	1	KM14AK-112	A11 Compressors
8.	Angle Valve	1	EP23AB-155	A11 Compressors
9.	Oil Heater	1	HT31BK-010	A11 Compressors
10.	Differential Pressure Switch	1	HK06CA-402	A11 Compressors
11.	Relief Valve	1	EB52NF-181	A11 Compressors
12.	Solenoid Valve	1	EF11CM-182	A11 Compressors
13.	Check Valve	2	EC37GF-001	A11 Compressors
14.	Solenoid Valve - Form "F"	1	EF16CD-061	A11 Compressors
NS	Coil for "F" Solenoid Valve with Mfg. Part No. HT8300A59	1	EF19ZD-062	A11 Compressors
15.	Solenoid Valve - Form "G"	1	EF16CD-063	A11 Compressors
NS	Coil for "G" Solenoid Valve with Mfg. Part No. HT8300A59	1	EF19ZD-062	A11 Compressors
16.	Packed Angle Valve	1	EP23LA-155	A11 Compressors
17.	Thermoswitch	1	HH16NA-021	A11 Compressors
18.	Valve Plug	1	EV01AM-041	A11 Compressors
19.	Relief Valve Assembly	1	19C35-166	A11 Compressors
20.	Oil Filter	1	KH09FM-010-012	A11 Compressors
21.	Filter Guide Assembly	1	19C35-731	A11 Compressors
22.	Spring	1	19C35-4991	A11 Compressors
23.	"O" Ring	1	KK71GZ-034	A11 Compressors
24.	Oil Pump & Motor(208/220V. 50/60 HZ)	1	19C35-017	A11 Compressors
	(440/480V. 50/60 HZ)	1	19C35-017	A11 Compressors
	(550V. 60 HZ)	1	KK04YZ-014	A11 Compressors
25.	Oil Heater Light	1	HY19AD-026	A11 Compressors
NS	Hand Oil Pump	1	KC60CD-130	R114 Compressors



Oil Reservoir (Pneumatic)



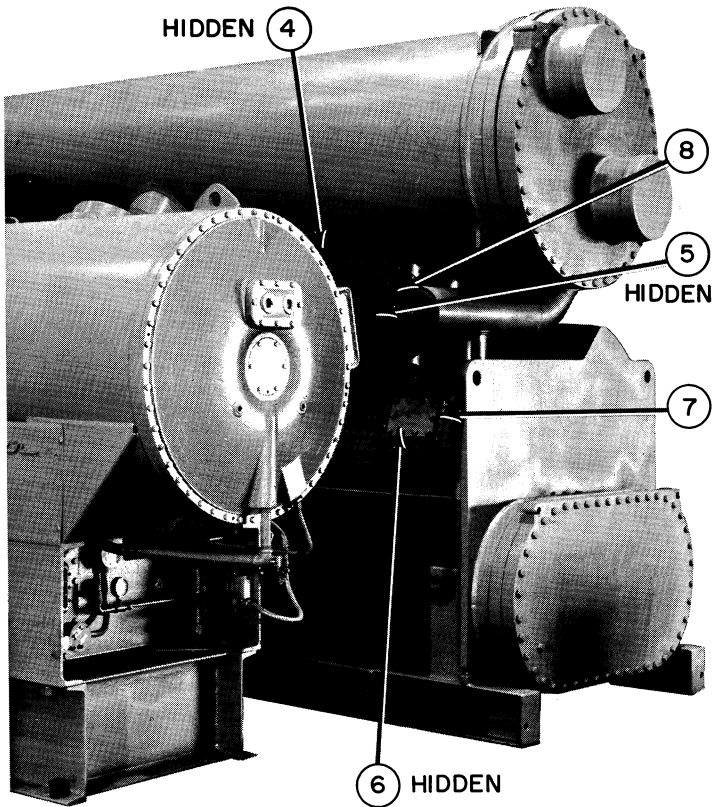
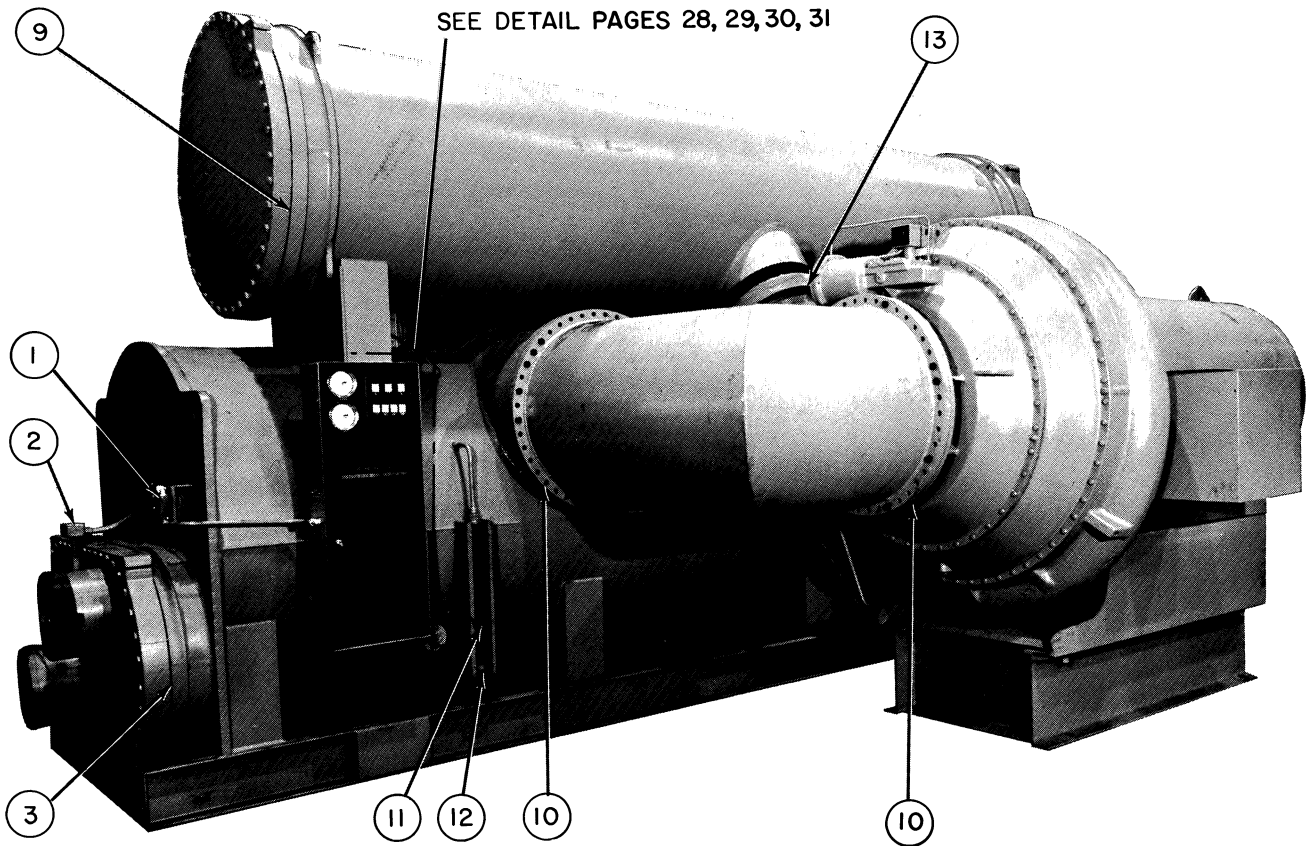
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ITEM NO.	DESCRIPTION	QUANTITY	PART NUMBER	USED ON
OIL RESERVOIR (PNEUMATIC)				
1	Terminal Assembly	1	19CB712-102	All Compressors
2	Cover Gasket	1	19C45-3222	R11 Compressors
		1	19C86-3222	R114 Compressors
3	Sight Glass	1	17M32-1502	All Compressors
4	Sight Glass Gasket	2	19C35-4782	All Compressors
5	Oil Pressure Gauge	1	KM03AC-231	R11 Compressors
		1	KM03AC-245	R114 Compressors
6	Bearing Temperature Thermostat	1	KM11ZZ-224	All Compressors
7	Oil Temperature Gauge	1	KM14AK-112	All Compressors
8	Oil Heater	1	HT31BK-010	All Compressors
9	Differential Pressure Switch	1	HK06CA-402	All Compressors
10	Relief Valve	1	EB52NF-181	All Compressors
11	Solenoid Valve	1	EF11CM-182	All Compressors
12	Packed Angle Valve	1	EP23LA-155	All Compressors
13	Relief Valve Assembly	1	19C35-166	All Compressors
14	Oil Filter	2	KH09FM-010	All Compressors
15	Filter Guide Assembly	1	19C35-731	All Compressors
16	Spring	1	19C35-4991	All Compressors
17	"O" Ring	1	KK71GZ-034	All Compressors
18	Valve Plug	1	EV01AM-041	All Compressors
19	Thermoswitch	1	HH16NA-021	All Compressors
20	Oil Heater Pilot Light	1	HY19AD-026	All Compressors
NS	Hand Oil Pump	1	KC60CD-130	R114 Compressors
NS	Oil Pump and Motor (208/220V. 50/60 HZ)	1	19C35-017	All Compressors
	(440/480V. 50/60 HZ)	1	19C35-017	All Compressors
	(550V. 60 HZ)	1	KK04YZ-014	All Compressors

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Cooler and Condenser



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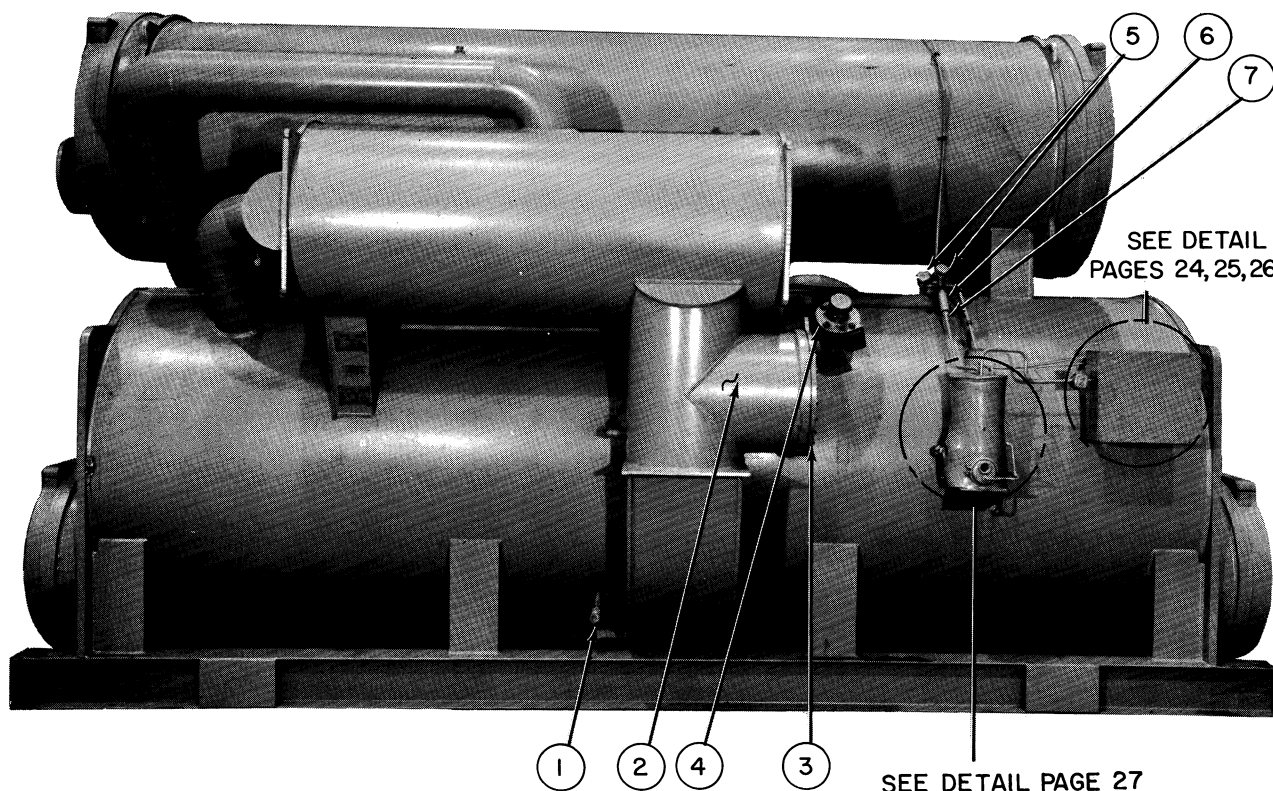
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ITEM NO.	DESCRIPTION	QUANTITY	PART NUMBER	USED ON 19CB HEAT EXCHANGER SIZE
COOLER & CONDENSER				
1.	Chilled Water Temperature Switch	1	19EA660027	All Heat Exchangers
2.	Chilled Water Temperature Control	1	HL21JE-021	Pneumatic Controls
	Includes:	1	32SM500234	Electronic Controls
	Probe (Electronic only)	1	32SM680001	
3.	Cooled Water Box Gasket	2	19CB713-1263	R114 only, 19CB611, 711
		2	19CB213-1263	R11, 19CB211
		2	19CB513-1263	R11, 19CB311, 411, 511
4.	Strainer Assembly	1	Not Available	R11, 19CB211, 311, 411, 511
	Includes:			
	Valve	1	EP10BA-181	R114 only, 19CB611, 711
	Orifice	1	19CB711-1012	R114 only, 19CB611, 711
5.	Float Valve Assembly (Hi-Side)	1	17F50-504	R114 only, 19CB611, 711
		1	19Q23-474	R11, 19CB211, 311, 411, 511
N.S.	Float Ball	1	EC28HZ-243	R114 only, 19CB611, 711
		1	EC28HZ-036	R11, 19CB211, 311, 411, 511
6.	Check Valve	1	19Q16-682	All Heat Exchangers
7.	Check Valve Cover Gasket	1	19Q16-3522	All Heat Exchangers
8.	Condenser Float Box Gasket	1	19CB715-1072	R114 only, 19CB611, 711
		1	19CB515-1072	R11, 19CB211, 311, 411, 511
9.	Condenser Water Box Gasket	2	19CB714-1103	R114 only, 19CB611, 711
		2	19CB214-1103	R11, 19CB211
		2	19CB514-1103	R11, 19CB311, 411, 511
10.	Suction Elbow Gasket	2	19CB711-1372	All Heat Exchangers
11.	Sight Glass Tube	1	19CB711-1122	All Heat Exchangers
12.	Connector & Gasket Package	2	19P47-001	All Heat Exchangers
13.	Discharge Gasket	1	19C85-2493	All Heat Exchangers



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Cooler, Condenser and Economizer



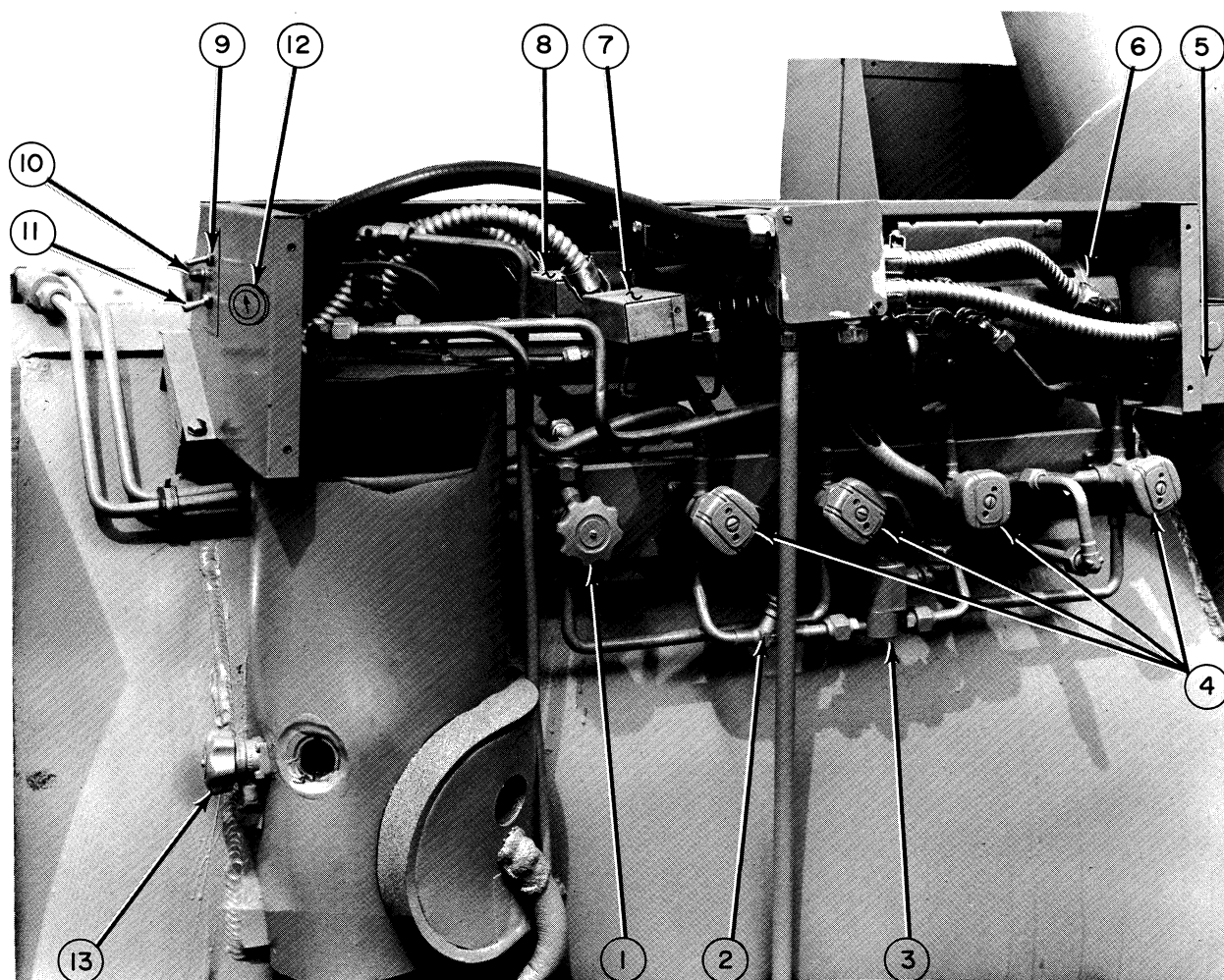
HERMETIC CENTRIFUGAL CHILLER

19CB

ITEM NO.	DESCRIPTION	QUANTITY	PART NUMBER	USED ON 19CB HEAT EXCHANGER SIZE
COOLER, CONDENSER, ECONOMIZER				
1.	Globe Valve	1	ER39BE-090	All Heat Exchangers
2.	Economizer Float Valve (Lo-Side)	1	17F55-504	R114 only, 19CB611, 711
		1	19Q23-474	R11, 19CB211, 311, 411, 511
N.S.	Economizer Float Ball	1	EC28HZ-243	R114 only, 19CB611, 711
		1	EC28HZ-036	R11, 19CB211, 311, 411, 511
3.	Economizer Float Box Cover Gasket	1	19CB715-1072	R114 only, 19CB611, 711
		1	19CB515-1072	R11, 19CB211, 311, 411, 511
4.	Rupture Disc and Gasket	1	17Q6-327	R114 only, 19CB611, 711
		1	17Q4-327	R11, 19CB211, 311, 411, 511
5.	Valve 1/2"	2	EP10BA-181	R114 only, 19CB611, 711
6.	Strainer	1	KH11NX-100	All Heat Exchangers
7.	Orifice	1	19CB721-1012	R114 only, 19CB611, 711
N.S.	Cooler Tubes	717	* ↓	19CB213 Cooler
		772		19CB313 Cooler
		827		19CB413 Cooler
		883		19CB513 Cooler
		992		19CB613 Cooler
		1102		19CB713 Cooler
N.S.	Condenser Tubes	892		19CB214, 224 Condenser
		960		19CB314, 324, 334 Condenser
		1030		19CB414, 424, 434 Condenser
		1100		19CB514, 524, 534 Condenser
		1236		R114, 19CB614 Condenser
		1372		R114, 19CB714 Condenser
N.S.	Division Plate Gasket (See note)	1	16JB680043	All Heat Exchangers

**Contact the local Carrier Branch Office for the specific tube requirements of each machine.*

NOTE: Sold in 20 ft. rolls only.



Purge Assembly Controls (R11)



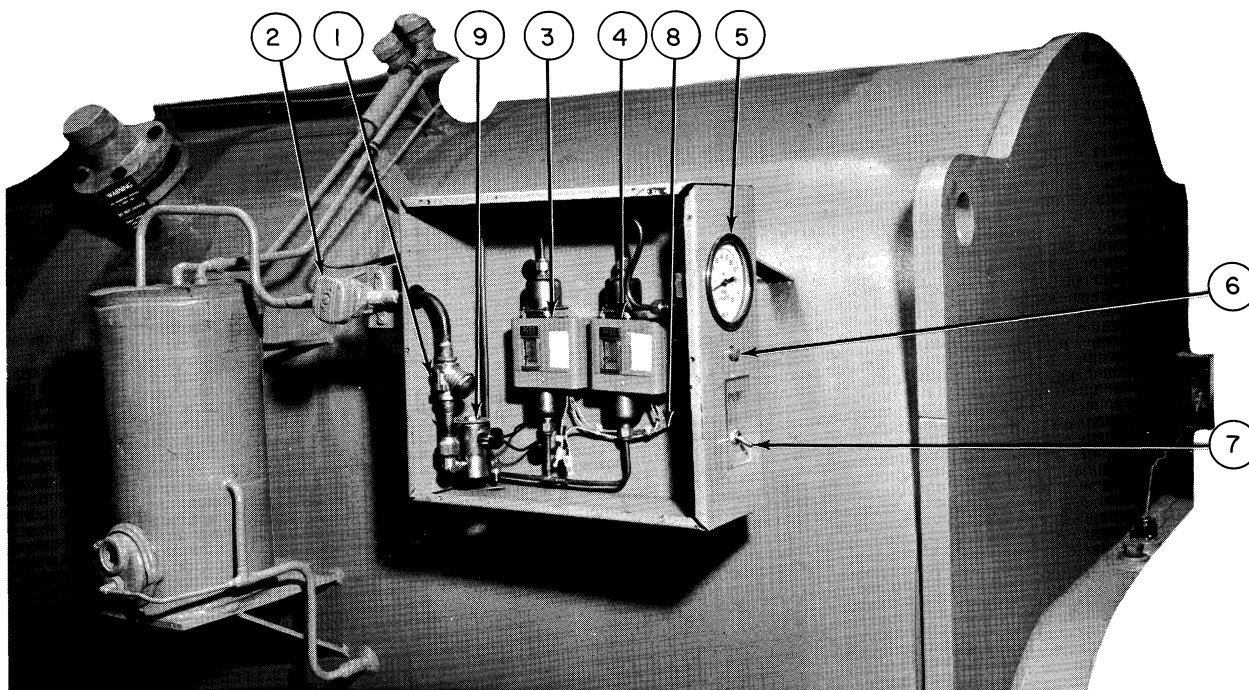
HERMETIC CENTRIFUGAL CHILLER

19CB

ITEM NO.	DESCRIPTION	QUANTITY	PART NUMBER	USED ON 19CB HEAT EXCHANGER SIZE
PURGE ASSEMBLY CONTROLS (R11)				
1	Diaphragm Valve	1	EP10BA-181	19CB211,311,411,511
2	Check Valve	1	19DG660002	19CB211,311,411,511
3	Solenoid Valve (120V. 60 HZ)	1	EF11CQ-061	19CB211,311,411,511
4	3 Way Valve	4	EP31BA-181	19CB211,311,411,511
5	Fuse	1	HY10MJ-015	19CB211,311,411,511
6	Purge Pump (120V. 50/60HZ)	1	KK81AX-031	19CB211,311,411,511
7	Pressure Switch (Operating)	1	HK06ZC-030	19CB211,311,411,511
8	Pressure Switch (Safety)	1	HK06ZC-026	19CB211,311,411,511
9	2 Way Toggle Switch	1	HR53VE-026	19CB211,311,411,511
10	Neon Pilot Light	1	HY19AD-026	19CB211,311,411,511
11	2 Pole, 3 Way, Toggle Switch	1	HR53VK-120	19CB211,311,411,511
12	Purge Pressure Gauge	1	KM03BC-324	19CB211,311,411,511
13	Angle Valve	1	EP20LA-095	All Heat Exchangers
NS	Strainer	1	KH11NX-100	19CB211,311,411,511
NS	Valve Repair Pkg.(for Bell and Gossett Pumps) Includes: Gasket (2) Valve (1) Valve (1)	1	19P47-002	19CB211,311,411,511
NS	Piston Repair Pkg. (for Bell and Gossett Pumps) Includes: Piston Rings (1 set)	1	19P47-003	19CB211,311,411,511

HERMETIC CENTRIFUGAL CHILLER

19CB

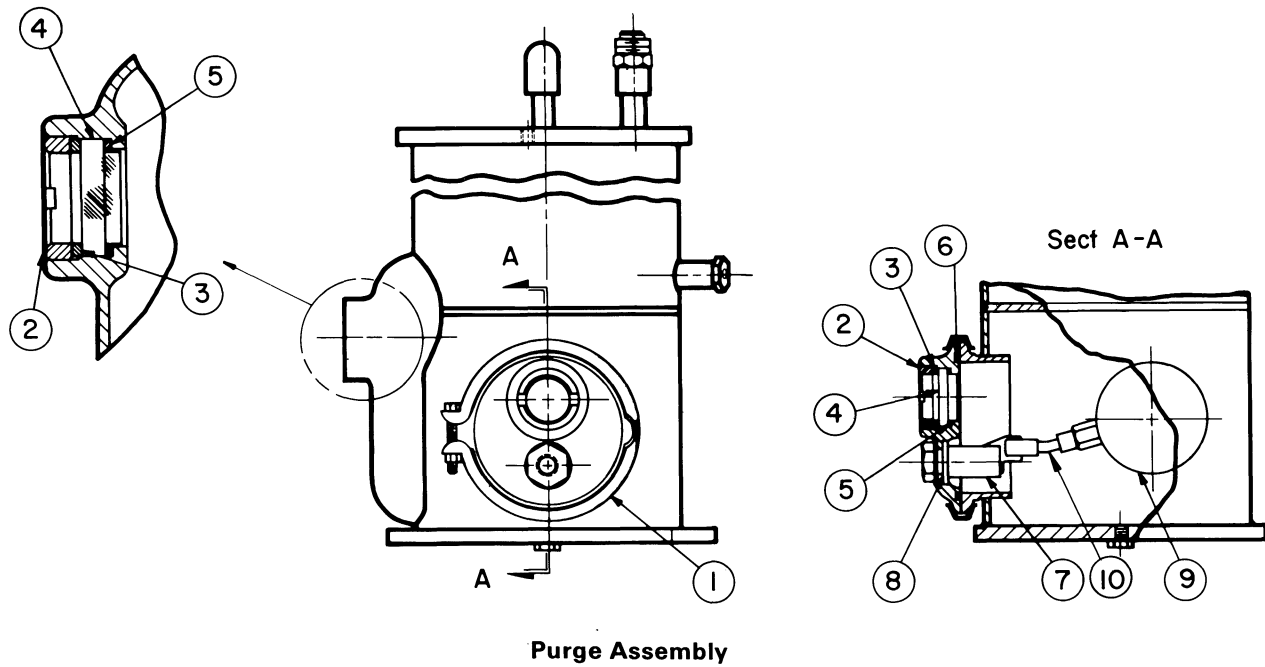


Purge Assembly Controls (R114)

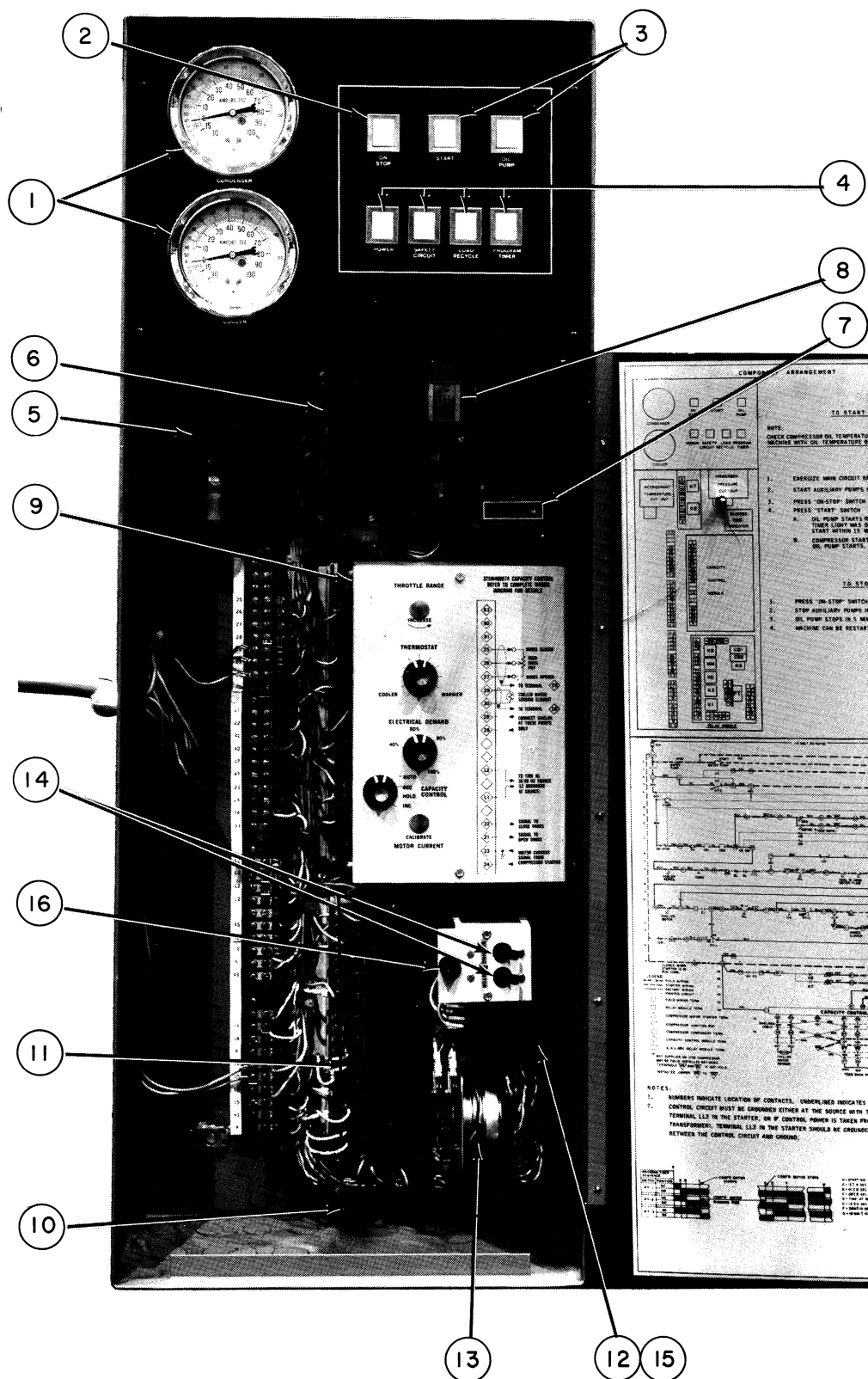
ITEM NO.	DESCRIPTION	QUANTITY	PART NUMBER	USED ON 19CB HEAT EXCHANGER SIZE
1.	Check Valve	1	19DG660002	19CB611,711
2.	Valve	1	EP10BA-181	19CB611,711
3.	Pressure Switch P1	1	HK06CA-401	19CB611,711
4.	Pressure Switch P2	1	HK06CA-407	19CB611,711
5.	Purge Pressure Gauge	1	KM03ZZ-350	19CB611,711
6.	Yellow Light	1	HY19AZ-004	19CB611,711
7.	Switch	1	HR53VR-026	19CB611,711
8.	Terminal	1	HY84FC-109	19CB611,711
9.	Solenoid Valve (120V/60 Hz)	1	EF11CQ-061	19CB611,711

HERMETIC CENTRIFUGAL CHILLER

19CB



ITEM NO.	DESCRIPTION	QUANTITY	PART NUMBER
1.	Coupling	1	CT28MP-035
2.	Sight Glass Gland	2	TS-380
3.	Outer Sight Glass Gasket (Package of 12)	1	5F20-1631-012
4.	Sight Glass	2	19C35-6151
5.	Inner Sight Glass Gasket	2	5F20-1011
6.	"O" Ring	1	KK71GX-031
7.	Valve	1	19DA11-551
8.	Ring Gasket	1	19DA11-5141
9.	Ball	1	EZ28QZ-030
10.	Float Arm	1	19DA11-501



Electronic Control Panel



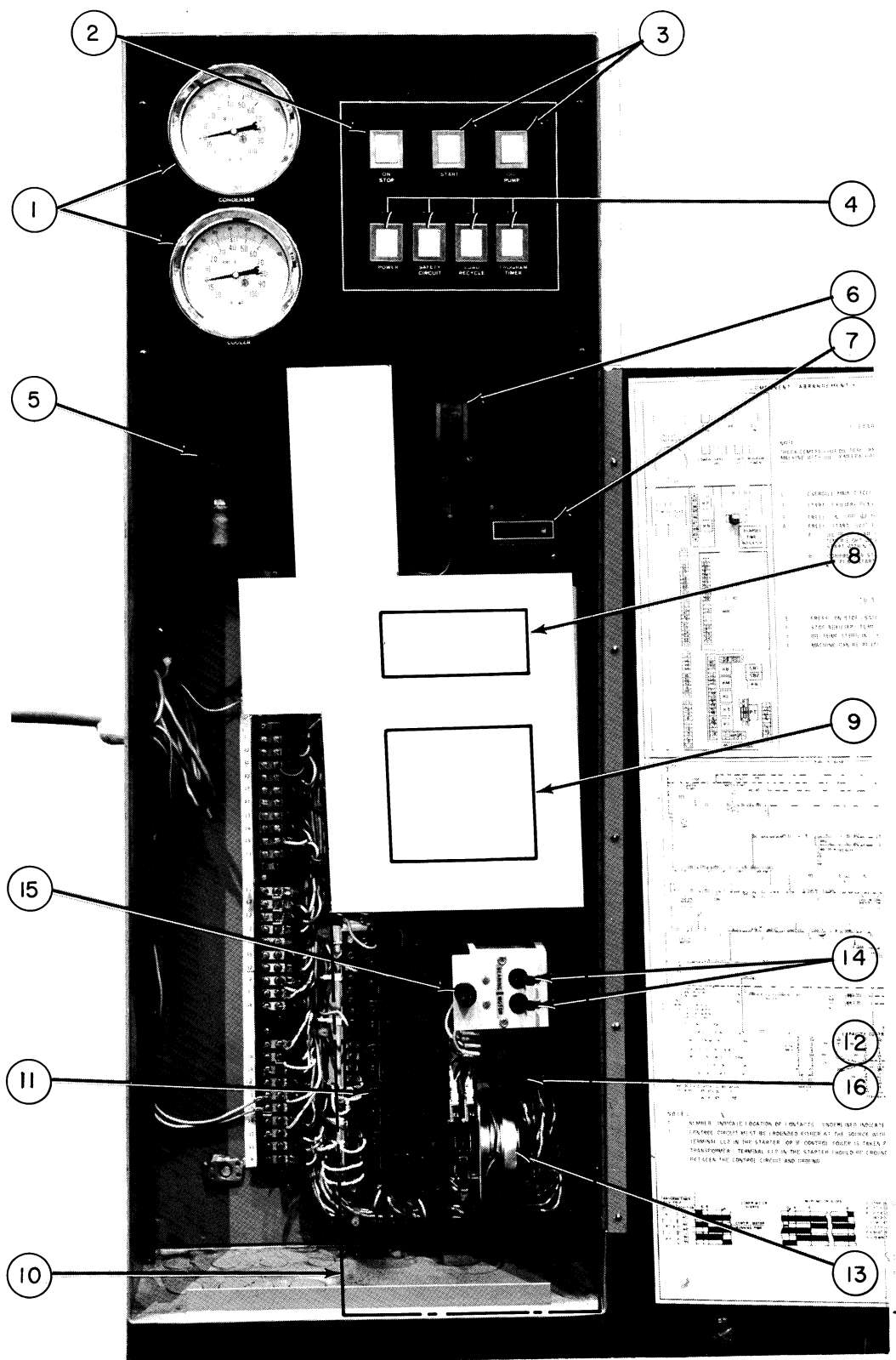
HERMETIC CENTRIFUGAL CHILLER

19CB

ITEM NO.	DESCRIPTION	QUANTITY	PART NUMBER	USED ON
CONTROL PANEL (ELECTRONIC)				
1.	Pressure Gauge	2	KM03BC-357	R114 Mach.
		2	KM03BC-324	R11 Mach.
2.	Push Button Switch	1	HR52ZD-020	All Machines
3.	Push Button Switch	2	HR54ZA-020	All Machines
4.	Indicating Lights	4	HY19MM-020	All Machines
5.	Refrig. Low Temperature Control	1	HH24ZB-034	All Machines
6.	Auxiliary Relay Module	1	32SM400714	All Machines
	Includes:			
6A.	Relay	2	32SM500853	
7.	Elapsed Time Indicator	1	HK28HZ-115	All Machines
8.	High Pressure Cut-Out Switch	1	19P47-1713	R11 Machines
		1	19P47-1723	R114 Machines
9.	Amplifier Module Assembly	1	32SM400474	All Machines
10.	Relay Module Assembly	1	32SM400724	All Machines
	Includes:			
11.	Relay	5	HN61KL-616	
12.	Resistor	1	HT21AU-100	
13.	Program Timer	1	HK25BB-021	
14.	Circuit Breaker	2	HH83XH-110	
15.	Time Delay Relay	1	19EA41-611	
16.	Fuse (Package of 5)	1	HY10LJ-003-005	

HERMETIC CENTRIFUGAL CHILLER

19CB



Pneumatic Control Panel



HERMETIC CENTRIFUGAL CHILLER

19CB

ITEM NO.	DESCRIPTION	QUANTITY	PART NUMBER	USED ON
CONTROL PANEL ASSEMBLY (PNEUMATIC)				
1.	Pressure Gauge	2 2	KM03BC-357 KM03BC-324	R114 Mach. R11 Mach.
2.	Push Button Switch	1	HR52ZD-020	All Machines
3.	Push Button Switch	2	HR54ZA-020	All Machines
4.	Indicating Light	4	HY19MM-020	All Machines
5.	Refrig. Low Temperature Control	1	HH24ZB-034	All Machines
6.	High Pressure Cut-out Switch	1 1	19P47-1723 19P47-1713	R114 Mach. R11 Mach.
7.	Elapsed Time Indicator	1	HK28HZ-115	All Machines
8.	Electro-Pneumatic Relay	1	HK05GG-001	All Machines
9.	Load Limiting Controller	1	HK30JG-010	All Machines
10.	Relay Module Assembly	1	32SM400724	All Machines
	Includes:			
11.	Relay	5	HN61KL-616	
12.	Resistor	1	HT21AU-100	
13.	Program Timer	1	HK25BB-021	
14.	Circuit Breaker	2	HH83XH-110	
15.	Fuse (Package of 5)	1	HY10LJ-003-005	
16.	Time Delay Relay	1	19EA41-611	
MISCELLANEOUS PARTS				
1.	Oil, 5 Gallons (PP49-5)		PP23BB-006	
2.	Tube Cleaning Brush - 3/4" O.D.		KC21AH-105	
3.	Dielectric Grease (4 Oz. Tube)		16C4-1551	
4.	Paint (Touch-Up) (6 - 12 oz. cans)		PH23GH-017-006	