



FILE INFORMATION
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PRODUCTS
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CONDENSING UNITS
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LITERATURE ITEM - Unit Parts

LITERATURE FILE NO.

HCOM-UP-84

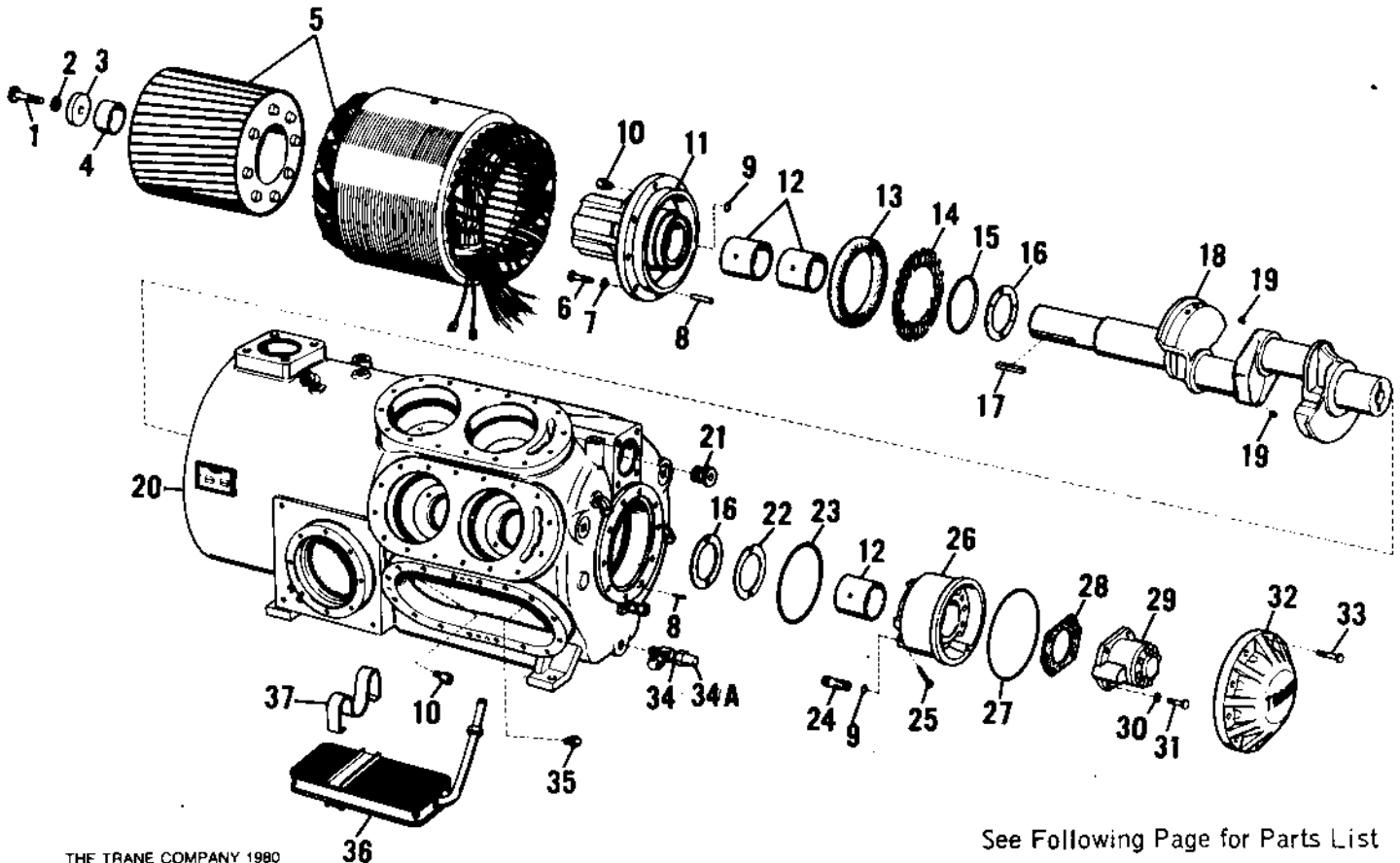
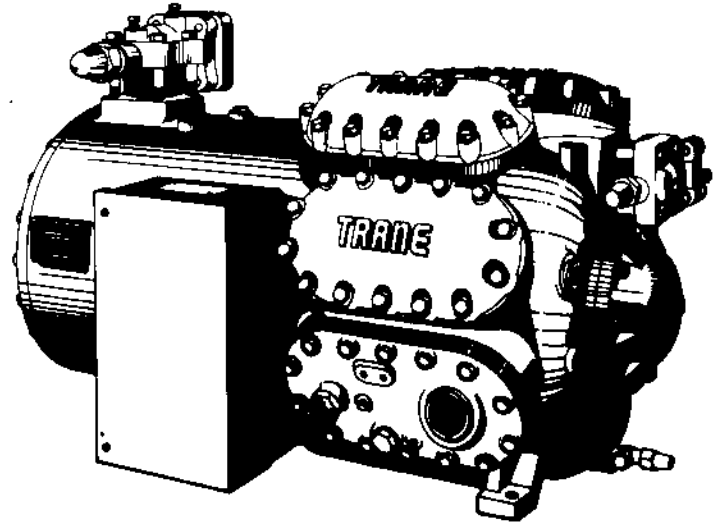
UNIT PARTS

Since the Trane Company has a policy of continuous product improvement, it reserves the right to change specifications and design without notice. The installation and servicing of the equipment referred to in this booklet should be done by qualified, experienced technicians.

JULY, 1980
Supersedes 2D2D
Dated February, 1965

HERMETIC RECIPROCATING COMPRESSOR

MODEL F, 4,5,6,8 CYLINDER
A AND B DESIGN SEQUENCES



See Following Page for Parts List

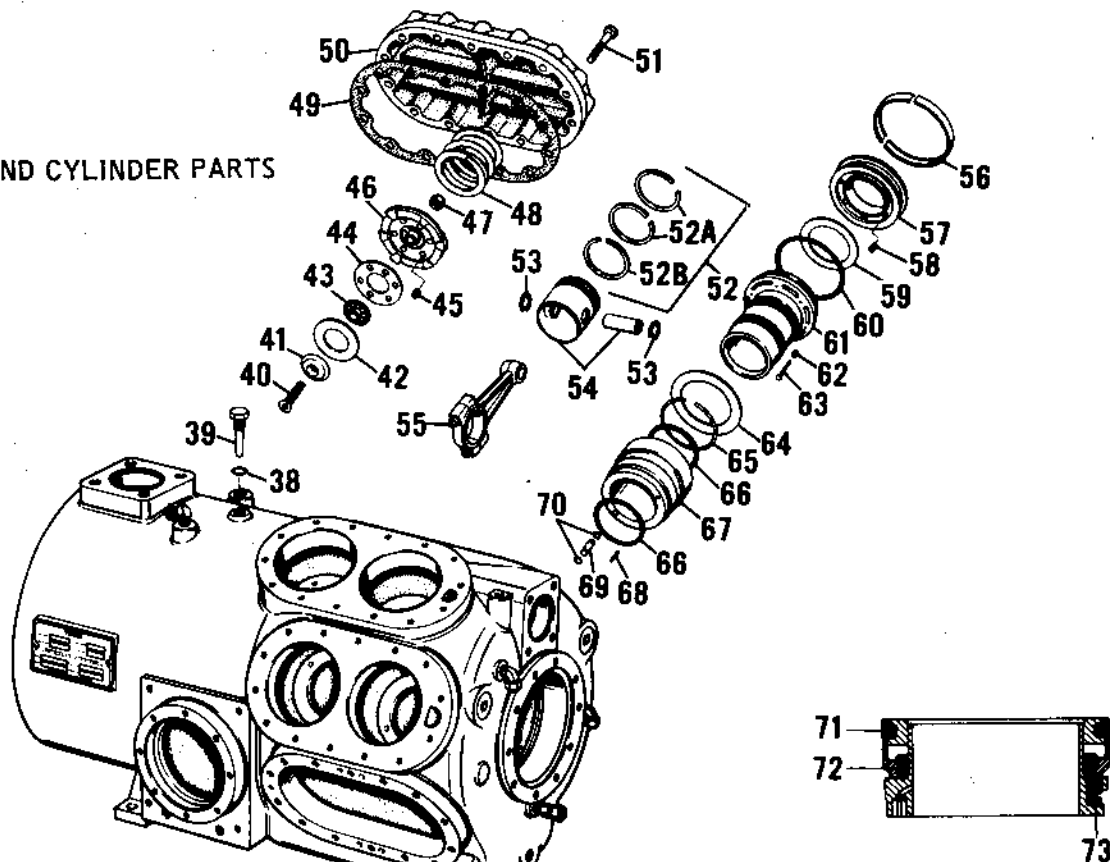
Motor And Bearing Parts ILLUSTRATION ON PRECEDING PAGE

REF. NO.	PART NAME AND DESCRIPTION	PART NO.	QUANTITY REQUIRED			
			4 CYL.	5 CYL.	6 CYL.	8 CYL.
1	Screw - Cap, Hex Soc. Hd., 5/8-18 x 2 -----	SCR-302	1	1	1	1
2	Lockwasher, 5/8 -----	WAS-2	1	1	1	1
3	Washer - Retaining -----	WAS-98	1	1	1	1
4	Spacer -----	SPC-23				*
4	Spacer -----	SPC-24			*	
5	Motor - Hermetic -----	**	1	1	1	1
6	Screw - Cap, 12 Pt. Hd., 3/8-24 x 1-1/2 -----	SCR-40	6	6	6	6
7	Lockwasher, 3/8 -----	WAS-13	6	6	6	6
8	Pin - Roll, 1/8" Dia., 1/2" Lg. -----	PIN-26	2	2	2	2
9	"O" Ring -----	RNG-69	2	2	2	2
10	Valve - Oil Check -----	VAL-30	4	4	4	4
11	Bearing Head - Motor End, Including 2 Ea. Ref. No. 12 -----	BRG-82	1	1	1	1
12	Bearing Insert -----	BRG-65	3	3	3	3
13	Breaker - Foam -----	BKR-6	1	1	1	1
14	Ring - End -----	RNG-94	1	1	1	1
15	Ring - Retaining -----	RNG-89	1	1	1	1
16	Bearing - Thrust -----	BRG-62	2	2	2	2
17	Key - Crankshaft, 1/2 x 1/2 x 2-1/2 -----	KEY-22			*	*
17	Key - Crankshaft, 1/2 x 1/2 x 1-3/4 -----	KEY-23	1	1	*	*
17	Key - Crankshaft, 1/2 x 1/2 x 4 -----	KEY-45				*
18	Crankshaft, Including Magnetic Plugs -----	CSF-24	1			
18	Crankshaft, Including Magnetic Plugs -----	CSF-25		1		
18	Crankshaft, Including Magnetic Plugs -----	CSF-26			1	
18	Crankshaft, Including Magnetic Plugs -----	CSF-27				1
19	Plug - Magnetic -----	PLU-10	2	2	2	2
20	Housing -----	HUS-176	1			
20	Housing -----	HUS-177		1		
20	Housing -----	HUS-178			1	
20	Housing -----	HUS-179				1
21	Valve - Relief, 385 PSI -----	VAL-193	1			
21	Valve - Relief, 385 PSI -----	VAL-240		1	1	1
22	Shim - Bearing Head, .020" -----	SHM-25	*	*	*	*
22	Shim - Bearing Head, .010" -----	SHM-26	*	*	*	*
22	Shim - Bearing Head, .005" -----	SHM-34	*	*	*	*
23	"O" Ring - Bearing Head To Housing -----	RNG-127	1	1	1	1
24	Valve - Oil Relief -----	VAL-138	1	1	1	1
25	Pin - Cotter -----	PIN-27	1	1	1	1
26	Bearing Head - Pump End, Including 1 Ea. Ref. No's. 9, 12, 24 & 25 -----	BRG-78	1	1	1	1
27	"O" Ring - Oil Pump Cover To Housing -----	RNG-128	1	1	1	1
28	Gasket - Oil Pump -----	GKT-251	1	1	1	1
29	Pump - Oil -----	PMP-14	1	1	1	1
30	Lockwasher, 5/16 -----	WAS-14	4	4	4	4
31	Screw - Cap, 12 Pt. Hd., 5/16-24 x 3/4 -----	SCR-167	4	4	4	4
32	Cover - Oil Pump -----	COV-172	1	1	1	1
33	Screw - Cap, Hex Hd., 7/16-14 x 1-1/2 -----	SCR-160	10	10	10	10
34	Valve - Angle, 3/8" Flare x 3/8" N.P.T. -----	VAL-31	1	1	1	1
34A	Nut - Cap, Angle Valve -----	NUT-16	1	1	1	1
35	Valve - Oil Check -----	VAL-55	2	2	2	2
36	Strainer - Oil -----	SRA-31	1	1	1	1
37	Spring - Retaining -----	SPG-30	1	1	1	1

*As Required.

**Provide Complete Compressor Nameplate Data When Ordering.

HEAD AND CYLINDER PARTS



Head And Cylinder Parts

REF. NO.	PART NAME AND DESCRIPTION	PART NO.	QUANTITY REQUIRED			
			4 CYL.	5 CYL.	6 CYL.	8 CYL.
38	"O" Ring -----	RNG-69	1	1	1	1
39	Screw - Motor Mounting -----	SCR-212	1	1	1	1
40	Bolt - Valve Cage -----	BLT-64	4	5	6	8
41	Seat - Discharge Valve -----	SET-7	4	5	6	8
42	Valve - Discharge -----	VAL-195	4	5	6	8
43	Retainer - Cushion -----	RTR-9	4	5	6	8
44	Cushion - Valve -----	CUS-10	4	5	6	8
45	Spring - Discharge Valve -----	SPG-4	24	30	36	48
46	Cage - Valve -----	CAG-8	4	5	6	8
47	Locknut - Valve Cage Bolt -----	NUT-72	4	5	6	8
48	Spring - Cylinder -----	SPG-39	4	5	6	8
49	Gasket - Cylinder Head -----	GKT-252	2	3	3	4
50	Head - Cylinder -----	HD-19	2	3	3	4
51	Screw - Cap, Hex Hd., 7/16-14 x 2-1/2 -----	SCR-44	28	42	42	56
52	Piston Ring Kit -----	RNG-78	4	5	6	8
	Consisting of: 52A (2), 52B (1)					
52A	Ring - Compression -----	RNG-95	8	10	12	16
52B	Ring - Oil -----	RNG-96	4	5	6	8
53	Ring - Retaining -----	RNG-97	2	2	2	2
54	Piston, Including Pin And Retaining Rings -----	PST-20	4	5	6	8
55	Rod - Connecting -----	ROD-37	4	5	6	8
56	Ring - Retaining -----	RNG-98	12	15	18	24
57	Plate - Valve (Standard Lift Valves) -----	PLT-107	4	5	6	8
57	Plate - Valve (Low Lift Valves) -----	PLT-126	4	5	6	8
58	Spring - Valve (Standard Lift Valves) -----	SPG-37	24	30	36	48
58	Spring - Valve (Low Lift Valves) -----	SPG-37	12	15	18	24
59	Valve - Suction -----	VAL-194	4	5	6	8
60	"O" Ring - Suction Valve Plate -----	RNG-99	4	5	6	8
61	Liner - Cylinder -----	LNR-20	4	5	6	8

Head And Cylinder Parts (Cont.)

REF. NO.	PART NAME AND DESCRIPTION	PART NO.	QUANTITY REQUIRED			
			4 CYL.	5 CYL.	6 CYL.	8 CYL.
62	Spring - Lift Pin -----	SPG-38	18	18	24	36
63	Pin - Lift -----	PIN-24	18	18	24	36
64	Ring - Take-Up -----	RNG-100	3	3	4	6
65	Ring - Retaining -----	RNG-101	3	3	4	6
66	"O" Ring - Cylinder Liner To Unloader -----	RNG-102	6	6	8	12
67	Unloader Assembly -----	UNL-4	3	3	4	6
68	Pin - Roll, 3/16" x 1" -----	PIN-4	3	3	4	6
69	Connector - Oil -----	CON-1	3	3	4	6
70	"O" Ring - Oil Connector -----	RNG-10	6	6	8	12
71	"O" Ring - Unloader Seal Ring -----	RNG-103	3	3	4	6
72	"O" Ring - Unloader Piston -----	RNG-53	3	3	4	6
73	Spring - Unloader Piston -----	SPG-23	42	42	56	84
**	Kit - Cylinder "O" Ring -----	KIT-40	4	5	6	8
	Consisting of:					
	"O" Ring - Suction Valve Plate (1 Ea. Ref. No. 60) -----	RNG-99				
	"O" Ring - Unloader Seal Ring (1 Ea. Ref. No. 71) -----	RNG-103				
	"O" Ring - Unloader Piston (1 Ea. Ref. No. 72) -----	RNG-53				
	"O" Ring - Cylinder Liner (2 Ea. Ref. No. 66) -----	RNG-102				
	"O" Ring - Oil Connector (2 Ea. Ref. No. 70) -----	RNG-10				
**	Kit - Compressor Gasket And "O" Ring -----	KIT-53	1*	1*	1*	1*

*Consists of 1 Ea. GKT-29, RNG-34, RNG-58, GKT-254, RNG-52, GKT-24, RNG-61, GKT-281, RNG-67, GKT-282, GKT-15, GKT-14, RNG-127, RNG-128, RNG-207, GKT-251; 2 Ea. GKT-253, GKT-51; 3 Ea. RNG-69, SHM-25, SHM-26, GKT-12, SHM-34; 4 Ea. GKT-252; 18 Ea. RNG-38. One KIT-53 And Required Number of KIT-40 (Depending On Number Of Compressor Cylinders) Are Needed For Complete Compressor Overhaul.

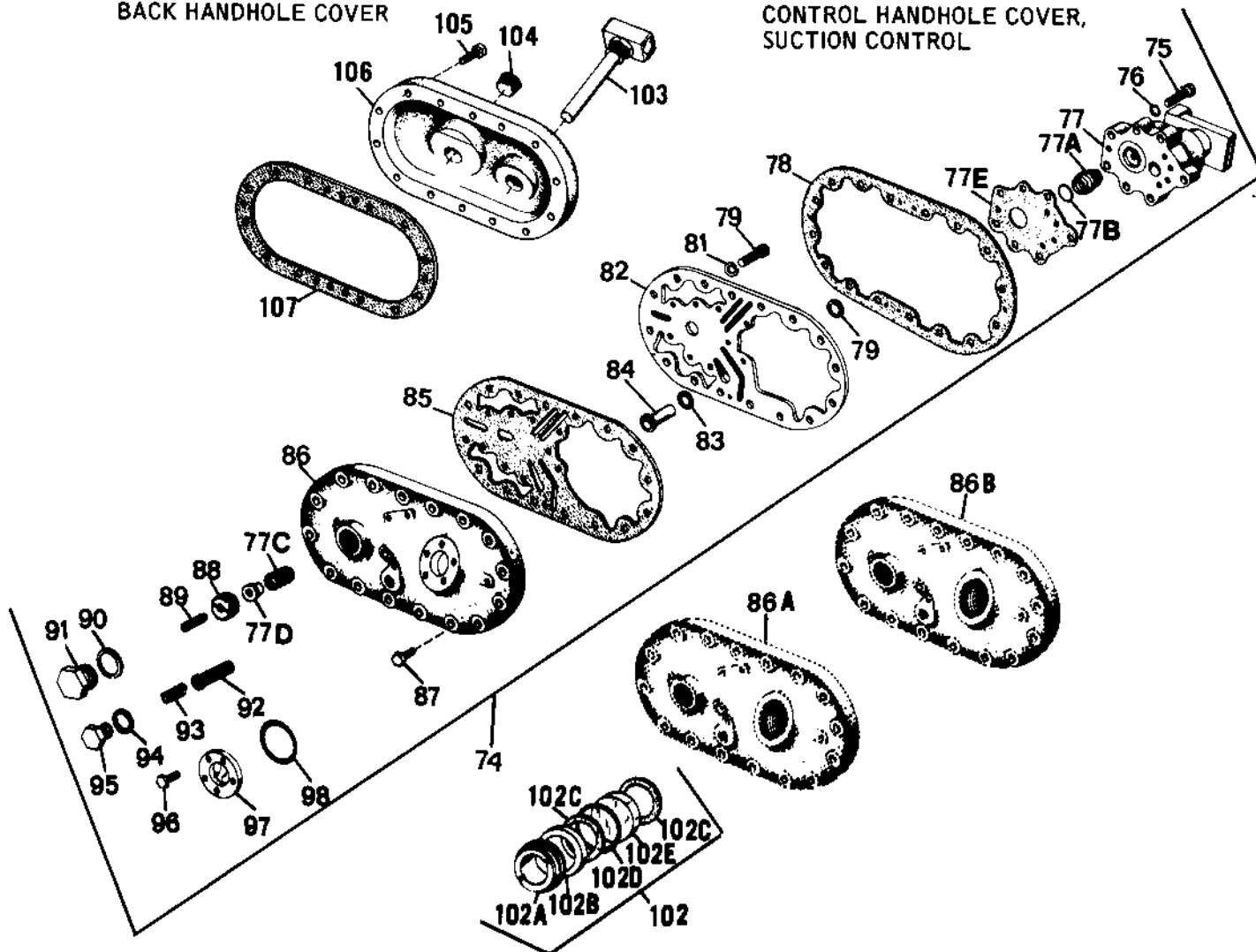
**Not Illustrated.

Control Handhole Cover Assembly

REF. NO.	PART NAME AND DESCRIPTION	PART NO.	NO. REQ.
74	Cover - Handhole Assembly, Complete-----	COV-559	1
	Consisting of:		
75	Screw - Cap, 12 Pt. Hd., 3/8-24 x 1-3/4-----	SCR-46	7
76	Lockwasher, 3/8-----	WAS-17	7
77	Capacity Control Assembly, Complete-----	CNT-4	1
	Consisting of:		
77A	Bellows Assembly, Including Bellows Stop Sleeve-----	BEL-2	1
77B	"O" Ring-Capacity Control-----	RNG-61	1
77C	Spring - Bellows, Green (Used on R-22 Units)-----	SPG-42	1
77C	Spring - Bellows, Black (Used on R-12 Units)-----	SPG-43	1
77D	Seat - Spring-----	SET-9	1
77E	Gasket- Capacity Control-----	GKT-24	1
78	Gasket - Handhole Cover -----	GKT-253	1
79	Ring - Retaining-----	RNG-93	1
80	Screw - Cap, 12 Pt. Hd., 3/8-24 x 1-----	SCR-168	1
81	Lockwasher, 3/8 -----	WAS-17	1
82	Plate - Distributor-----	PLT-109	1

BACK HANDHOLE COVER

CONTROL HANDHOLE COVER, SUCTION CONTROL



Control Handhole Cover Assembly (Cont.)

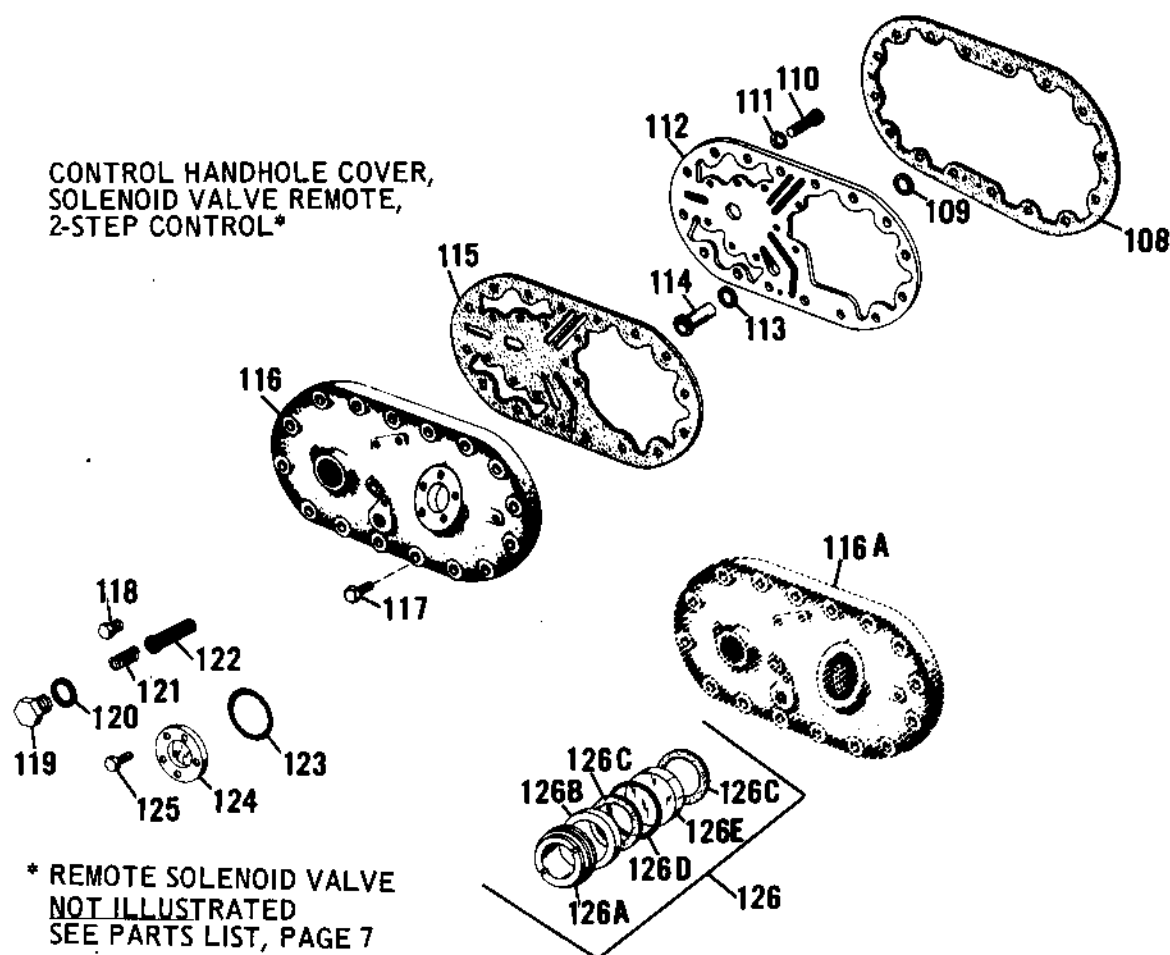
REF. NO.	PART NAME AND DESCRIPTION	PART NO.	NO. REQ.
83	"O" Ring - Strainer Screen Cover -----	RNG-52	1
84	Cover - Strainer Screen-----	COV-4	1
85	Gasket - Distributor-----	GKT-254	
86	Cover - Control Handhole (B Design Sequence)-----	COV-315	1
86A	Cover - Control Handhole (A Design Sequence, Internal Removable Bellows Spring)-----	Note 1	1
86B	Cover - Control Handhole (A Design Sequence, External Removable Bellows Spring)-----	Note 2	1
87	Screw - Cap, Hex Hd., 7/16-14 x 1-3/4-----	SCR-67	14
88	Screw (See Note 3)-----	SCR-210	1
89	Screw - Bellows Adjusting-----	SCR-47	1
90	Gasket - Bellows Adjusting Screw -----	GKT-29	1
91	Plug - Bellows Adjusting Screw-----	PLU-13	1
92	Screen-Strainer-----	SRN-2	1
93	Spring-Strainer Screen-----	SPG-6	1
94	"O" Ring - Strainer Screen -----	RNG-34	1
95	Plug - Strainer Screen -----	PLU-12	1
96	Screw - Cap, Hex Hd., 1/4-20 x 3/4 (B Design Sequence)-----	SCR-30	5
97	Sight Glass (B Design Sequence)-----	GLS-34	1
98	"O" Ring - Sight Glass (B Design Sequence)-----	RNG-207	1

Control Handhole Cover Assembly (Cont.)

REF. NO.	PART NAME AND DESCRIPTION	PART NO.	NO. REQ.
102	Kit - Sight Glass Assembly, Complete (A Design) ----- Consisting of Ref. No's. 102A, 102B, 102C, 102D and 102E	KIT-12	1
102A	Nut - Sight Glass -----	NUT-62	1
102B	Bushing - Sight Glass -----	BUS-28	1
102C	Gasket - Sight Glass -----	GKT-51	2
102D	"O" Ring - Sight Glass -----	RNG-58	1
102E	Sight Glass -----	GLS-4	1
103	Heater - Crankcase -----	HTR-6	1
104	Plug - Pipe, CTSK, 3/4-14 NPT -----	PLU-28	1
105	Screw - Cap, Hex Hd., 7/16-14 x 1-3/4 -----	SCR-67	14
106	Cover - Handhole -----	COV-151	1
107	Gasket - Handhole Cover -----	GKT-253	1

NOTE 1 - This cover, with threaded sight glass, is obsolete. However, ref. no's. 74 through 85, 87 and 89, 90 through 95 and 102 are available for replacement. If the cover is to be replaced, order ref. no's. 77B, 77E, 78, 83, 85, 86, 88, 90, 94, 96, 97 and 98.

NOTE 2 - This cover, with threaded sight glass, is obsolete. However, ref. no's. 74 through 85, 87 through 95 and 102 are available for replacement. If the cover is to be replaced, order ref. no's. 77B, 77E, 78, 83, 85, 86, 90, 94, 96, 97 and 98.



See Following Page For Parts List

Control Handhole Cover Assembly - Remote Solenoid Valve, 2 Step

REF. NO.	PART NAME AND DESCRIPTION	PART NO.	NO. REQ.
108	Gasket - Handhole Cover -----	GKT-253	1
109	Ring - Retaining -----	RNG-93	1
110	Screw - Cap, 12 Pt. Hd., 3/8-24 x 1 -----	SCR-168	8
111	Lockwasher, 3/8 -----	WAS-17	8
112	Plate - Distributor -----	PLT-112	1
113	"O" Ring - Strainer Screen Cover -----	RNG-52	1
114	Cover - Strainer Screen -----	COV-4	1
115	Gasket - Distributor -----	GKT-254	1
116	Cover - Control Handhole -----	COV-316	1
116A	Cover - Control Handhole -----	Note 1	1
117	Screw - Cap, Hex Hd., 7/16-14 x 1-3/4 -----	SCR-67	14
118	Plug - Pipe, Hex Hd., 1/8 -----	PLU-20	4
119	Plug - Strainer Screen -----	PLU-12	1
120	"O" Ring - Strainer Screen -----	RNG-34	1
121	Spring - Strainer Screen -----	SPG-6	1
122	Screen - Strainer -----	SRN-2	1
123	"O" Ring - Sight Glass (B Design) -----	RNG-207	1
124	Sight Glass (B Design) -----	GLS-34	1
125	Screw - Cap, Hex Hd., 1/4-20 x 3/4 (B Design) -----	SCR-30	5
126	Kit - Sight Glass Assembly, Complete (A Design) ----- Consisting of: 126A, 126B, 126C, 126D, 126E	KIT-12	1
126A	Nut - Sight Glass -----	NUT-62	1
126B	Bushing - Sight Glass -----	BUS-28	1
126C	Gasket - Sight Glass -----	GKT-51	2
126D	"O" Ring - Sight Glass -----	RNG-58	1
126E	Sight Glass -----	GLS-4	1
*	Valve - Remote Solenoid, Asco 3-Way, 230 Volt, 60 Cycle ----	VAL-543	1
*	Coil - Remote Solenoid Valve, Asco No. 27-462-2, 230 Volt, 60 Cycle -----	C-38	1

*Not Illustrated.

NOTE 1 - This cover, with threaded sight glass, is obsolete. However, ref. no's. 108 thru 115, 117 thru 122, 126, the solenoid valve and coil are available for replacement. If the cover is to be replaced, order ref. no's. 108, 113, 115, 116, 120, 123, 124 and 125.

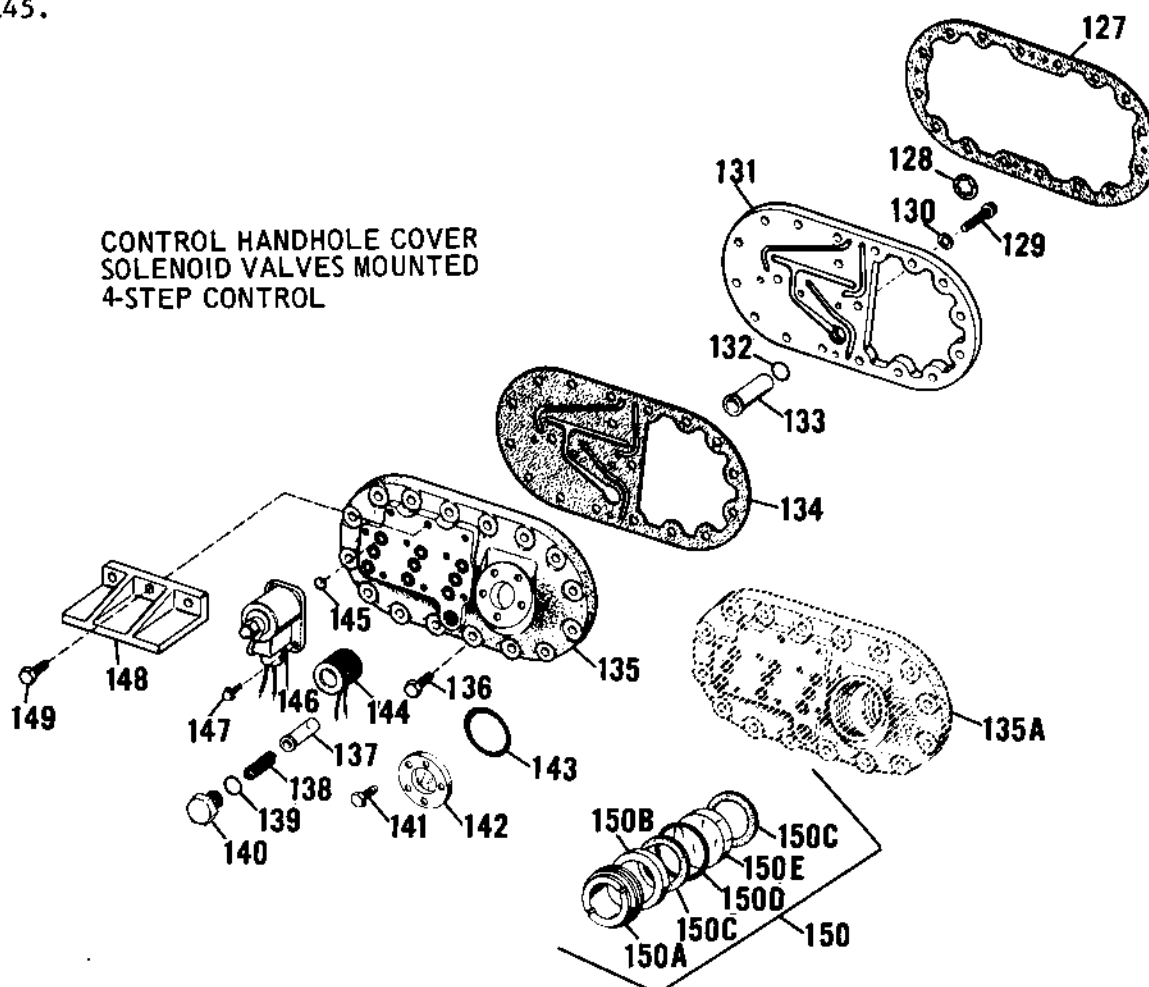
Control Handhole Cover Assembly - Mounted Solenoid Valve, 4 Step

REF. NO.	PART NAME AND DESCRIPTION	PART NO.	NO. REQ.
127	Gasket - Handhole Cover -----	GKT-253	1
128	Ring - Retaining -----	RNG-93	1
129	Screw - Cap, 12 Pt. Hd., 3/8-24 x 1 -----	SCR-168	3
130	Lockwasher, 3/8 -----	WAS-17	3
131	Plate - Distributor -----	PLT-130	1
132	"O" Ring - Strainer Screen Cover -----	RNG-52	1
133	Cover - Strainer Screen -----	COV-4	1
134	Gasket - Distributor -----	GKT-281	1
135	Cover - Control Handhole (B Design) -----	COV-317	1
135A	Cover - Control Handhole (A Design) -----	NOTE 1	1
136	Screw - Cap, Hex Hd., 7/16-14 x 1-3/4 -----	SCR-67	14
137	Screen - Strainer -----	SRN-2	1
138	Spring - Strainer Screen -----	SPG-6	1
139	"O" Ring - Strainer Screen -----	RNG-34	1
140	Plug - Strainer Screen -----	PLU-12	1
141	Screw - Cap, Hex Hd., 1/4-20 x 3/4 (B Design) -----	SCR-30	5
142	Sight Glass (B Design) -----	GLS-34	1
143	"O" Ring - Sight Glass (B Design) -----	RNG-207	1

Control Handhole Cover Assembly - Mounted Solenoid Valve, 4 Step (Cont.)

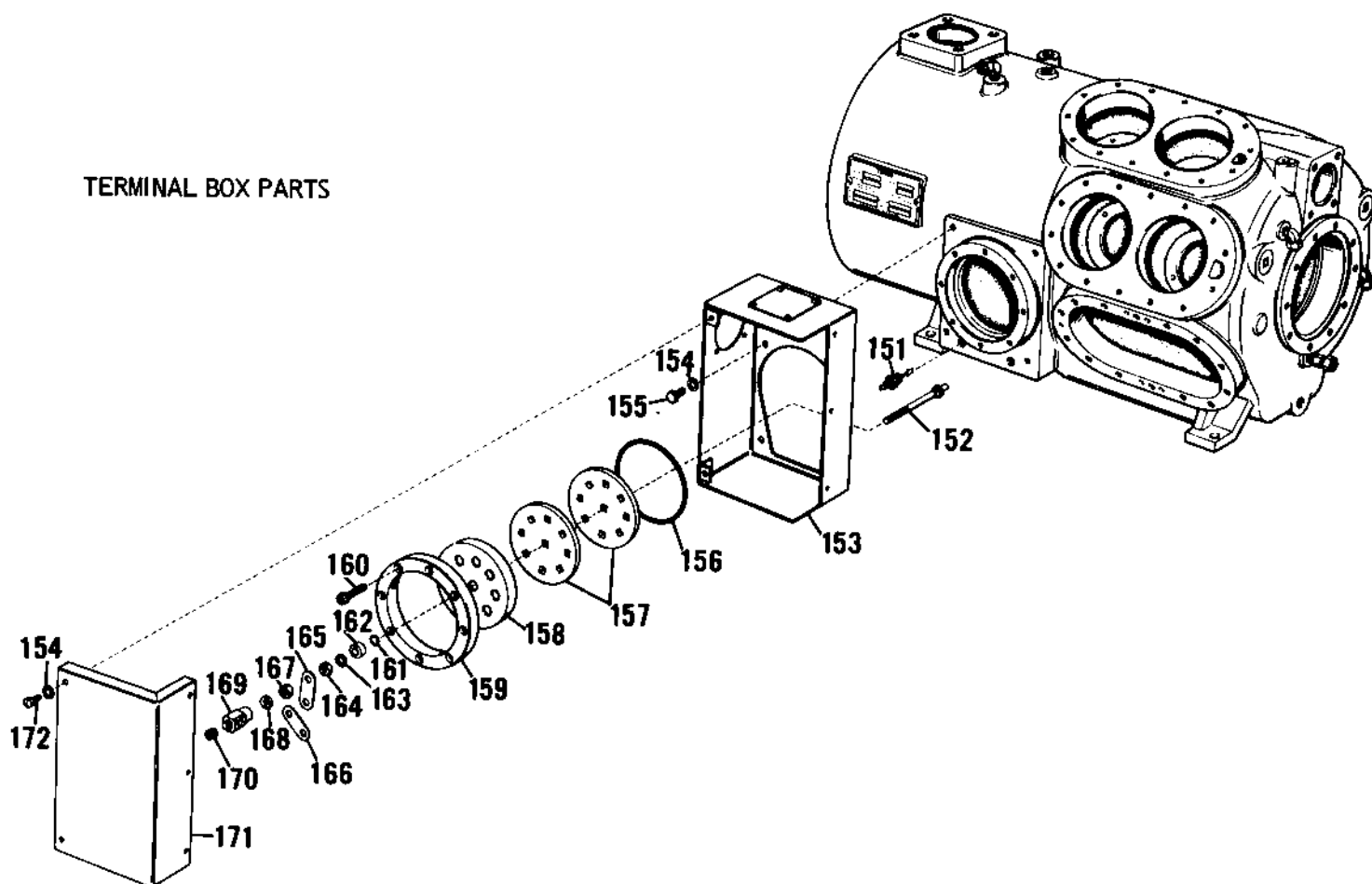
REF. NO.	PART NAME AND DESCRIPTION	PART NO.	NO. REQ.
144	Coil - Solenoid Valve, Asco No. 64-982-5, 230 Volt, 50/60 Cycle -----	COL-65	3
144	Coil - Solenoid Valve, Asco No. 64-982-4, 115 Volt, 50/60 Cycle -----	COL-70	3
145	"O" Ring - Solenoid Valve Mounting -----	RNG-38	9
146	Valve - Solenoid, 3-Way, 230 Volt, 50/60 Cycle, Asco No. 831551 -----	VAL-238	3
146	Valve - Solenoid, 3-Way, 115 Volt, 50/60 Cycle, Asco No. 831551 -----	VAL-245	3
147	Screw, 1/4-20 x 5/8 -----	SCR-202	6
148	Guard Plate -----	GRD-39	1
149	Screw - Cap, Hex Hd., 5/16-18 x 7/8 -----	SCR-31	3
150	Kit - Sight Glass Assembly, Complete (A Design) ----- Consisting of: 150A, 150B, 150C, 150D, 150E	KIT-12	1
150A	Nut - Sight Glass -----	NUT-62	1
150B	Bushing - Sight Glass -----	BUS-28	1
150C	Gasket - Sight Glass -----	GKT-51	2
150D	"O" Ring - Sight Glass -----	RNG-58	1
150E	Sight Glass -----	GLS-4	1

NOTE 1 - This cover, with threaded sight glass, is obsolete. However, ref. no's. 127 through 134, 137 through 140 and 144 through 150 are available for replacement. If the cover is to be replaced, order ref. no's. 127, 132, 134, 135, 139, 141, 142, 143 and 145.



Parts List Begins on Preceding Page

TERMINAL BOX PARTS



Terminal Box Parts

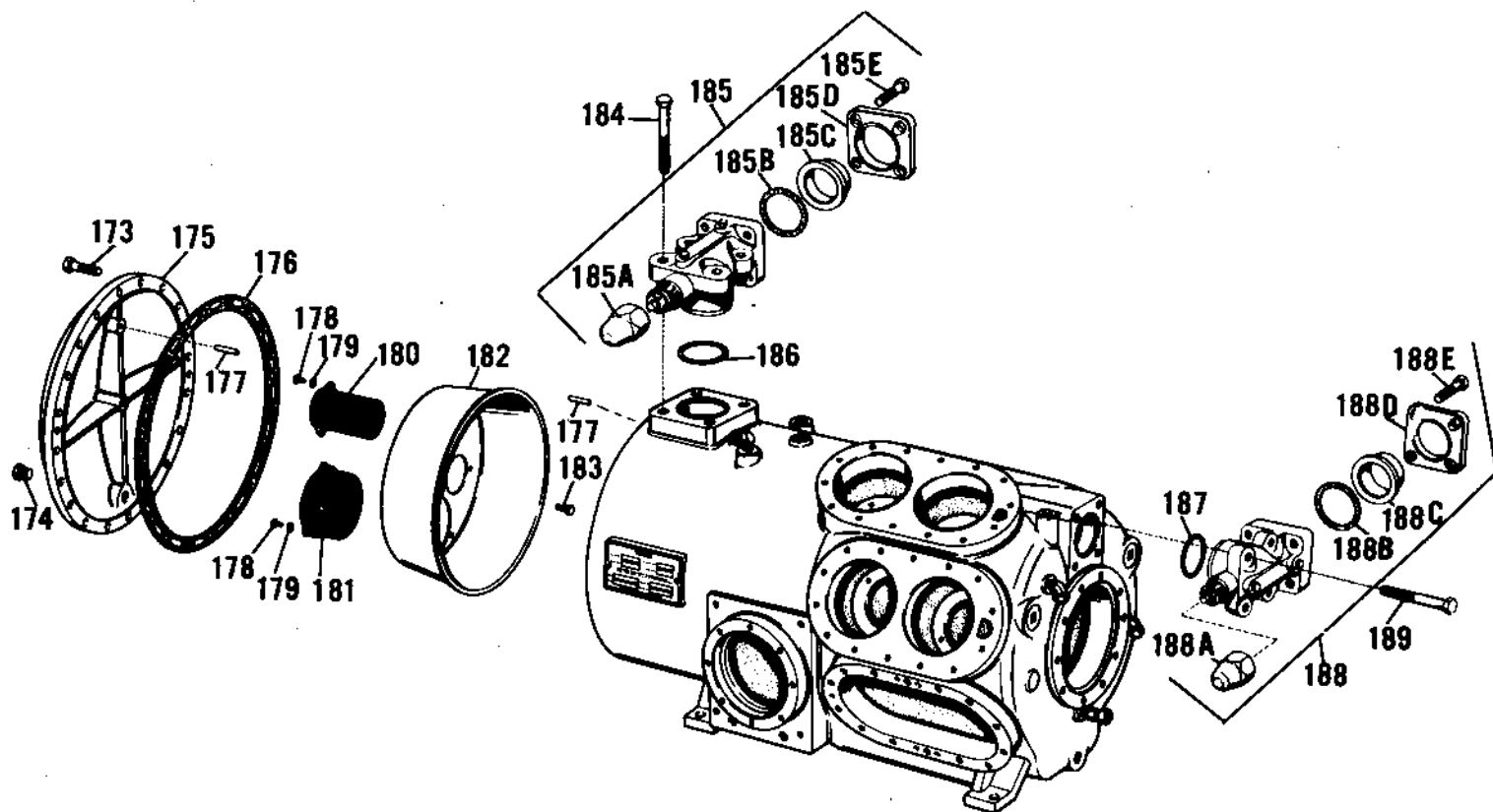
REF. NO.	PART NAME AND DESCRIPTION	PART NO.	QUANTITY REQUIRED			
			4 CYL.	5 CYL.	6 CYL.	8 CYL.
151	Terminal - Hermetic -----	TER-8	3	3	3	3
152	Terminal Stud -----	TER-9	**	**	**	**
153	Box - Junction -----	BOX-37	1	1	1	1
154	Lockwasher, 5/16 -----	WAS-110	9	9	9	9
155	Screw - Cap, Hex Hd., 5/16-18 x 5/8 -----	SCR-162	4	4	4	4
156	"O" Ring - Terminal Plate To Housing -----	RNG-67	1	1	1	1
157	Plate - Locating -----	PLT-132	2	2	2	2
158	Plate - Terminal, 6 Holes (Single Voltage Units) -----	PLT-226	1	1	1	1
158	Plate - Terminal, 9 Holes (Dual Voltage Units) -	PLT-131	1	1	1	1
159	Ring - Retaining -----	RNG-129	1	1	1	1
160	Screw - Cap, 12 Pt. Hd., 5/16-24 x 1 -----	SCR-190	8	8	8	8
161	"O" Ring - Terminal Stud To Terminal Plate ---	RNG-38	**	**	**	**
162	Spacer - Sealing -----	SPC-9	**	**	**	**
163	Washer -----	WAS-99	**	**	**	**
164	Nut - Hex, 3/8-16 -----	NUT-78	**	**	**	**
165	Buss Bar -----	BAR-4	1	1	1	1
166	Buss Bar -----	BAR-5	*	*	*	*
167	Nut - Hex, 3/8-16 -----	NUT-79	**	**	**	**
168	Nut - Jam, 3/8-16 -----	NUT-80	6	6	6	6
169	Lug - Terminal, 1-1/4" Lg., 3/8" Lead Opening -	LUG-3	6	6	***	***
169	Lug - Terminal, 1-1/4" Lg., 1/2" Lead Opening -	LUG-4			***	***
170	Screw - Set, Hex Soc. Hd., 1/2-13 x 1/2 -----	SCR-211	6	6	6	6
171	Cover - Junction Box -----	COV-182	1	1	1	1
172	Screw - Cap, Hex Hd., 5/16-18 x 1/2 -----	SCR-97	5	5	5	5

* Single Voltage Units Use 2, Dual Voltage Units Use 4.

** Single Voltage Units Use 6, Dual Voltage Units Use 9.

*** As Required.

SERVICE VALVE PARTS



Service Valve Parts

REF. NO.	PART NAME AND DESCRIPTION	PART NO.	QUANTITY REQUIRED			
			4 CYL.	5 CYL.	6 CYL.	8 CYL.
173	Screw - Cap, Hex Hd., 1/2-13 x 1-1/2 -----	SCR-2	20	20	20	20
174	Plug - Pipe, Hex Hd., 1/4" N.P.T. -----	PLU-37	1	1	1	1
175	Cover - Suction -----	COV-181	1	1	1	1
176	Gasket - Suction Cover -----	GKT-282	1	1	1	1
177	Pin - Roll, 3/16" x 1" -----	PIN-4	2	2	2	2
178	Screw - Round Hd., No. 10-32 x 3/8 -----	SCR-64	11	11	11	11
179	Lockwasher - Steel, No. 10 -----	WAS-18	11	11	11	11
180	Strainer - Suction Gas -----	SRA-32	2	3	3	4
181	Filter - Oil -----	FLR-46	1	1	1	1
182	Pan - Suction Strainer -----	PAN-52	1	1	1	1
183	Screw - Cap, Hex Soc. Hd., 1/4-28 x 1/2 -----	SCR-177	1	1	1	1
184	Screw - Cap, Hex Hd., 5/8-11 x 4 -----	SCR-317	4	4	4	4
185	Valve - Suction Service, 2-1/8" O.D.S. -----	VAL-9	1	1		
	Consisting of: 185A, 185B, 185C, 185D, 185E					
185A	Cap -----	CAP-4*	1	1		
185B	Gasket -----	GKT-830*	1	1		
185C	Adapter -----	ADP-8*	1	1		
185D	Flange -----	FLG-3*	1	1		
185E	Screw -----	SCR-49*	4	4		

Service Valve Parts (Cont.)

REF. NO.	PART NAME AND DESCRIPTION	PART NO.	QUANTITY REQUIRED			
			4 CYL.	5 CYL.	6 CYL.	8 CYL.
185	Valve - Suction Service, 2-5/8" O.D.S. ----- Consisting of: 185A, 185B, 185C, 185D, 185E	VAL-35			1	1
185A	Cap -----	CAP-3*			1	1
185B	Gasket -----	GKT-31*			1	1
185C	Adapter -----	ADP-7*			1	1
185D	Flange -----	FLG-2*			1	1
185E	Screw -----	SCR-48*			4	4
186	Gasket - Suction Service Valve -----	GKT-15	1	1	1	1
187	Gasket - Discharge Service Valve -----	GKT-12	1			
187	Gasket - Discharge Service Valve -----	GKT-14		1	1	1
188	Valve - Discharge Service, 1-3/8" O.D.S. ----- Consisting of: 188A, 188B, 188C, 188D, 188E	VAL-76	1			
188A	Cap -----	CAP-17*	1			
188B	Gasket -----	GKT-246*	1			
188C	Adapter -----	ADP-15*	1			
188D	Flange -----	FLG-11*	1			
188E	Screw -----	SCR-80*	4			
188	Valve - Discharge Service, 1-5/8" O.D.S. ----- Consisting of: 188A, 188B, 188C, 188D, 188E	VAL-8		1	1	1
188A	Cap -----	CAP-5*		1	1	1
188B	Gasket -----	GKT-33*		1	1	1
188C	Adapter -----	ADP-9*		1	1	1
188D	Flange -----	FLG-4*		1	1	1
188E	Screw -----	SCR-52*		4	4	4
189	Screw - Cap, Hex Hd., 1/2-13 x 2 -----	SCR-11	2			
189	Screw - Cap, Hex Hd., 1/2-13 x 3-1/4 -----	SCR-13		4	4	4

* Specify Valve Manufacturer - M.B. (Mueller Brass Co.), H.V. (Henry Valve Co.), Metrix.
Recommended Spare Parts

REF. NO.	PART NAME AND DESCRIPTION	PART NUMBER	QUANTITY	
			1 UNIT	10 UNITS
9	"O" Ring -----	RNG-69	2	6
11	Motor End Bearing Head, Including Inserts -----	BRG-82	1	2
12	Bearing Insert -----	BRG-65	2	4
16	Thrust Bearing -----	BRG-62	2	4
18	Crankshaft, Including Magnetic Plugs -----	As Req'd.	-	1
21	Relief Valve (4 Cylinder) -----	VAL-193	1	1
21	Relief Valve (5-6-8 Cylinder) -----	VAL-240	1	2
24	Oil Relief Valve -----	VAL-138	1	2
26	Pump End Bearing Head, Including 1 Ea. Ref. No's. 9, 12, 24 & 25 -----	BRG-78	1	2
29	Oil Pump -----	PMP-14	1	2
42	Discharge Valve -----	VAL-195	1	3
44	Valve Cushion -----	CUS-10	1	3
45	Discharge Valve Springs -----	SPG-4	1 Set	3 Sets
52	Piston Ring Kit -----	RNG-78	1 Set	2 Sets
54	Piston, Including Pin And Retaining Rings -----	PST-20	-	1 Set
55	Connecting Rod -----	ROD-37	1 Set	1 Set
56	Retaining Rings -----	RNG-98	1 Set	1 Set
57	Valve Plate (Standard Lift Valves) -----	PLT-107	1	1
57	Valve Plate (Low Lift Valves) -----	PLT-126	1	1
58	Valve Springs -----	SPG-37	1 Set	3 Sets
59	Suction Valve -----	VAL-194	1	3

Recommended Spare Parts (Cont.)

REF. NO.	PART NAME AND DESCRIPTION	PART NUMBER	QUANTITY	
			1 UNIT	10 UNITS
61	Cylinder Liner -----	LNR-20	1	1
67	Unloader Assembly -----	UNL-4	1	1
76	Capacity Control Assembly -----	CNT-4	1	2
100*	Sight Glass (B Design) -----	GLS-34	1	2
101*	Sight Glass "O" Ring (B Design) -----	RNG-207	1	2
102*	Sight Glass Kit (A Design) -----	KIT-12	1	2
151	Hermetic Terminal -----	TER-8	3	6
152	Terminal Stud -----	TER-9	1 Set	2 Sets
156	"O" Ring -----	RNG-67	1	2
157	Locating Plate -----	PLT-132	2	4
158	Terminal Plate, 6 Holes (Single Voltage Units) -	PLT-226	1.	2
158	Terminal Plate, 9 Holes (Dual Voltage Units) ---	PLT-131	1	2
159	Ring - Retaining -----	RNG-129	1	2
160	Screw -----	SCR-190	8	16
161	"O" Ring -----	RNG-38	1 Set	2 Sets
162	Sealing Spacer -----	SPC-9	1 Set	2 Sets
163	Washer -----	WAS-99	1 Set	2 Sets
164	Nut - Hex, 3/8-16 -----	NUT-78	1 Set	2 Sets
165	Buss Bar -----	BAR-4	1	2
166	Buss Bar -----	BAR-5	1 Set	2 Sets
167	Nut - Hex, 3/8-16 -----	NUT-79	1 Set	2 Sets
168	Nut - Jam, 3/8-16 -----	NUT-80	6	12
169	Terminal Lug -----	LUG-3	6	12
169	Terminal Lug -----	LUG-4	6	12
170	Set Screw -----	SCR-211	6	12
181	Oil Filter -----	FLR-46	1	4
**	Cylinder "O" Ring Kit -----	KIT-40	1 Set	3 Sets
**	Compressor Gasket And "O" Ring Kit -----	KIT-53	1 Set	3 Sets

**Not Illustrated.

*Ref. No. 100 same as 124 and 142, No. 101 same as 123 and 143, and No. 102 same as 126 and 150.

Type Refrigerant (1 Indicates
F-12 and 2 Indicates F-22) ----- **2F-5A48**
 Bore (2 3/4") and Stroke (2") -----
 Speed (1800 RPM) -----
 Design Sequence -----
 Number Cylinders -----
 Electrical Characteristics (8 Indicates
208/220/440 Volts and 5 Indicates 550 Volts) -----
2F-5A48N
 Solenoid Controlled Unloaders -----

The Trane Company reserves the right to make changes in specification and design without notice.