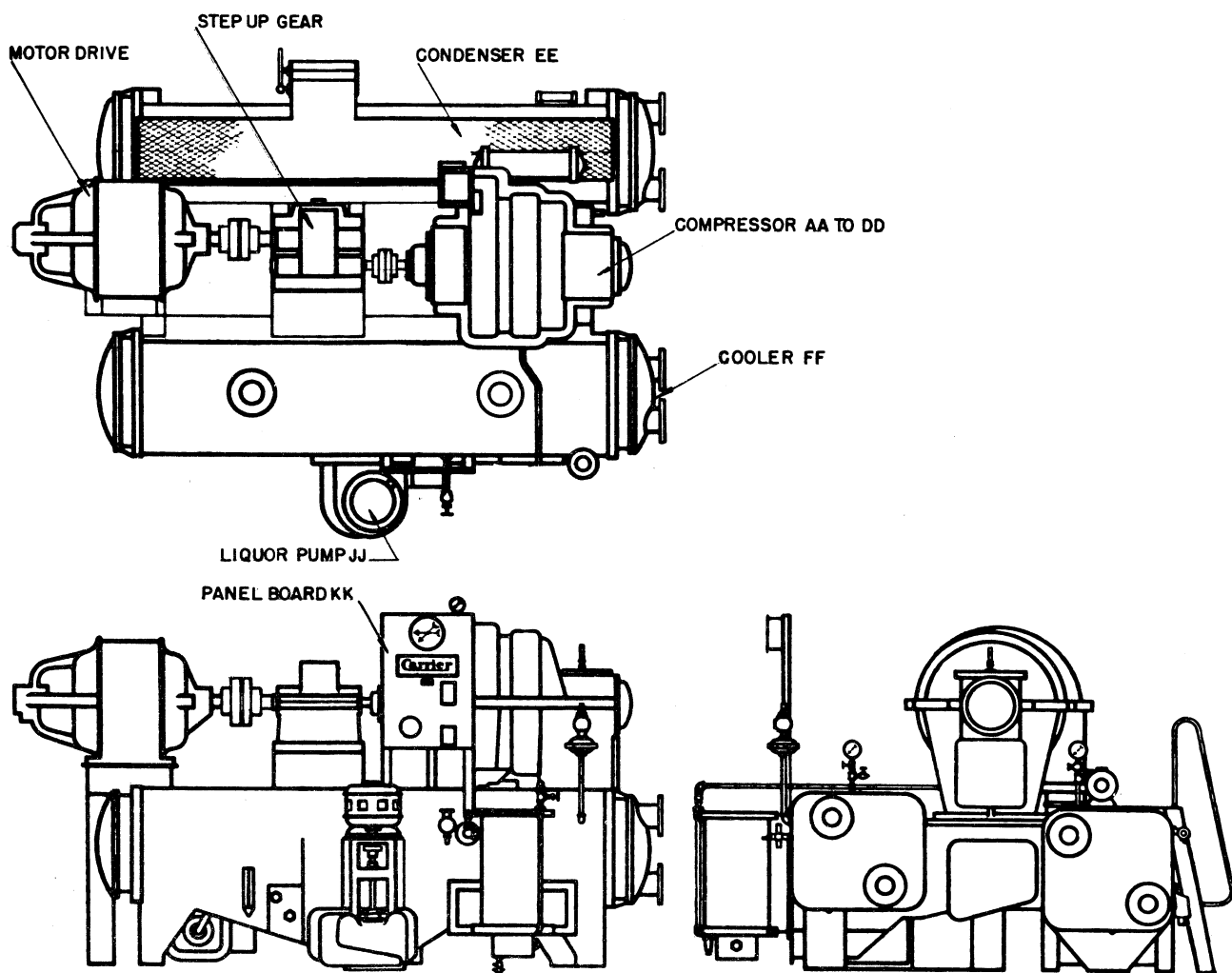
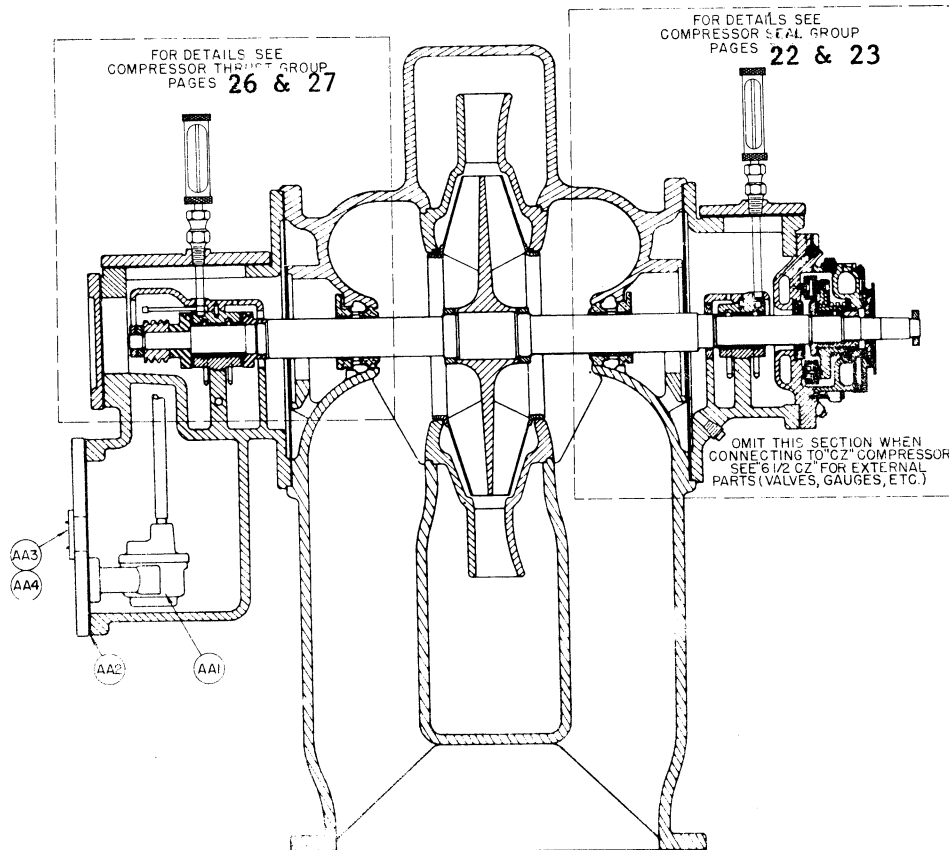


INDEX

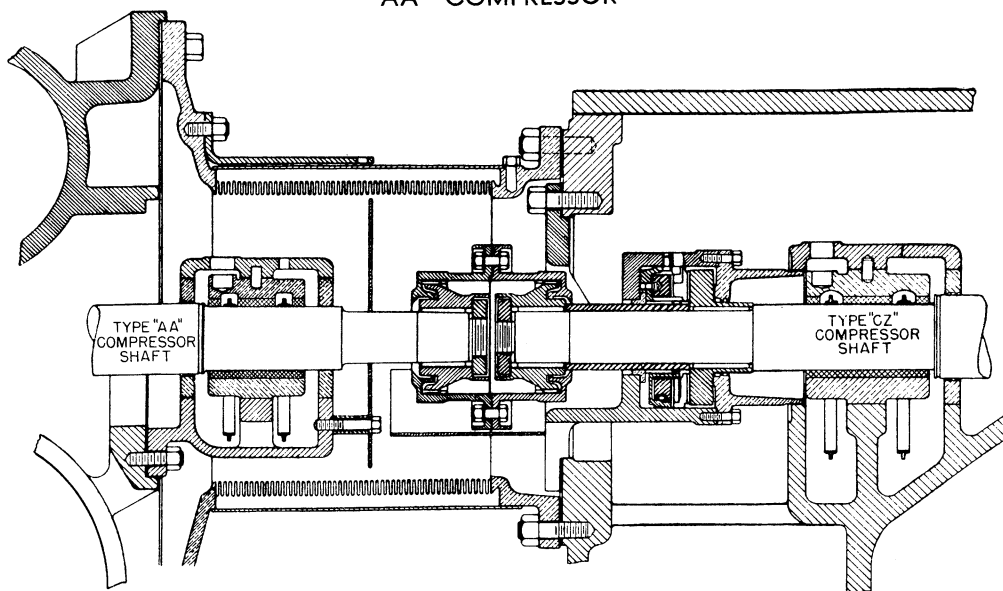
GROUP	DESCRIPTION	PAGES
AA - DD	Compressors	3 - 31
EE	Condensers	32 - 34
FF	Coolers (Evaporators)	35 - 37
P or PP	Evacuators & Purges	38 - 44
JJ	Liquid Pumps	45
LL	Miscellaneous Parts	46



UNIT INDEXING (BY GROUPS)



"AA" COMPRESSOR



"AA"-"CZ" (COUPLED)

(INTERCONNECTING PARTS — ON APPLICATION ONLY)



CENTRIFUGAL REFRIGERATION MACHINE

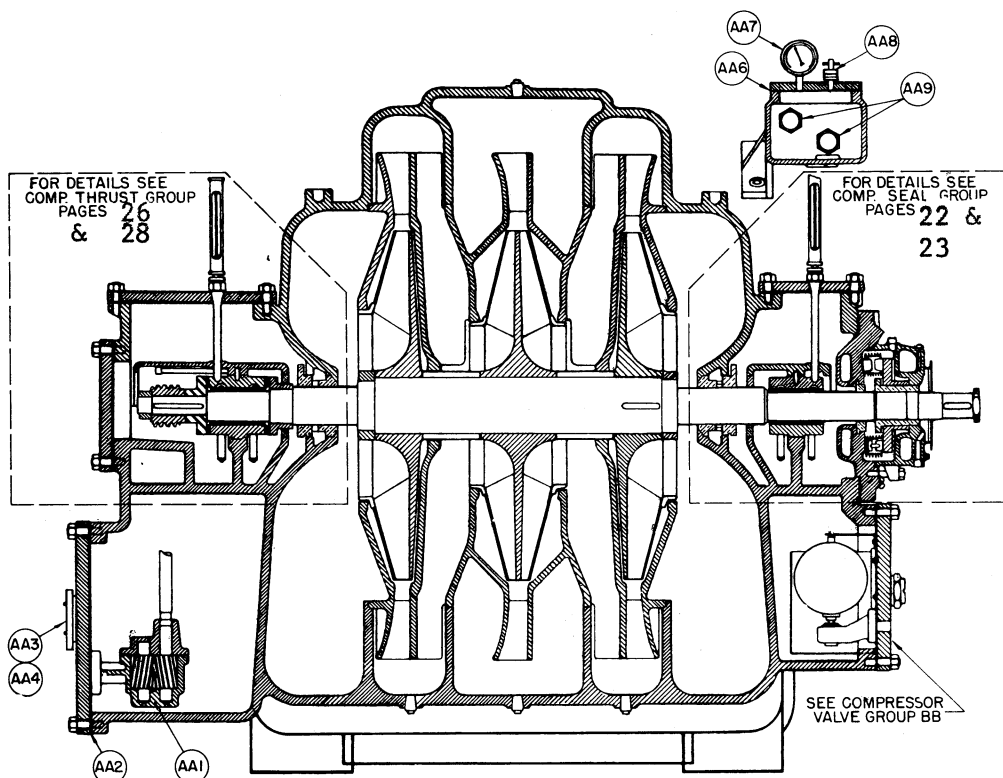
17F

Division: 17F
Group: "AA"

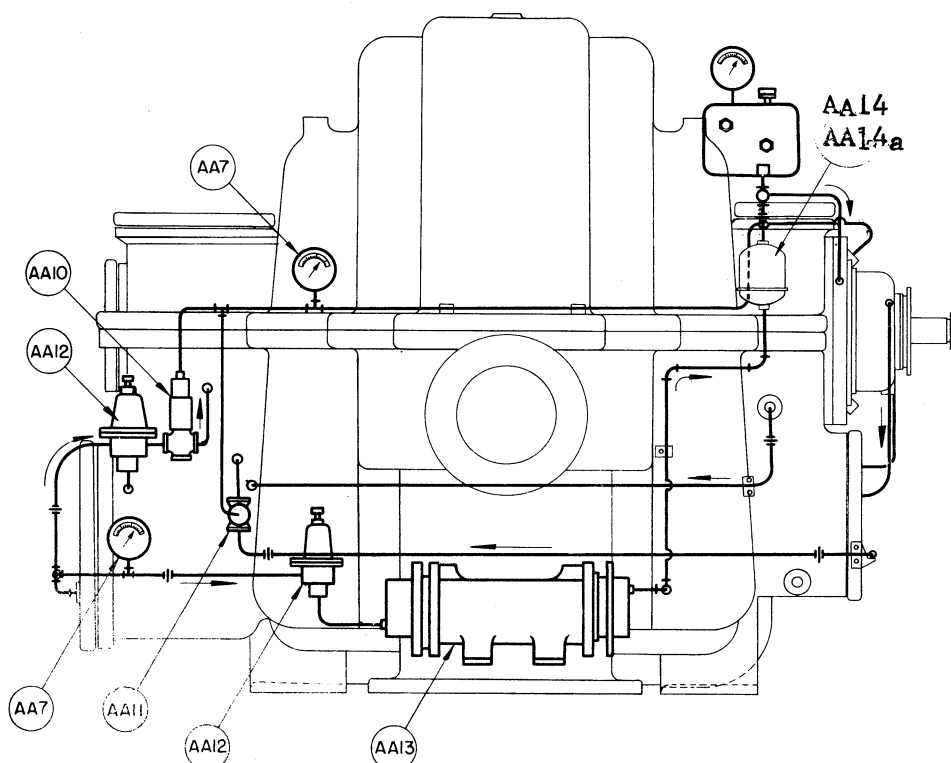
GENERAL COMPRESSOR PARTS

ITEM	DESCRIPTION	QTY.	PART NO. USED ON SIZE		
			6-1/2 AA	7-1/2 AA	9-1/2 AA
	Seal Group Parts		See Seal Group, Page No. 22 and 23		
	Thrust Group Parts		See Thrust Group, Page No. 26 and 27		
	Vacuum Float Valve Parts		See Compressor Valve Group, Page No. 15 and 21		
	Atmospheric Float Valve Parts		See Compressor Valve Group, Page No. 12 and 20		
AA1	Oil Pump Assembly	1	See Note #1	17F9-223	See Note #1
	Includes:				
AA1a	Drive Gear	1	17K9-1142	17F9-1142	17K9-1142
AA1b	Driven Gear	1	17K9-1152	17F9-1152	17K9-1152
AA2	Gasket - Oil Pump Chamber Cover	1	17F9-1091	17F9-1091	17F9-1091
AA3	Sight Glass (Reflex)	1	17M32-1502	17M32-1502	17M32-1502
AA4	Gasket (Sight Glass)	2	R7-1729	R7-1729	R7-1729

Note #1: Complete Oil Pump not available.



"BZ" COMPRESSOR (INTERNAL PARTS)



"BZ" COMPRESSOR (EXTERNAL PARTS)



CENTRIFUGAL REFRIGERATION MACHINE

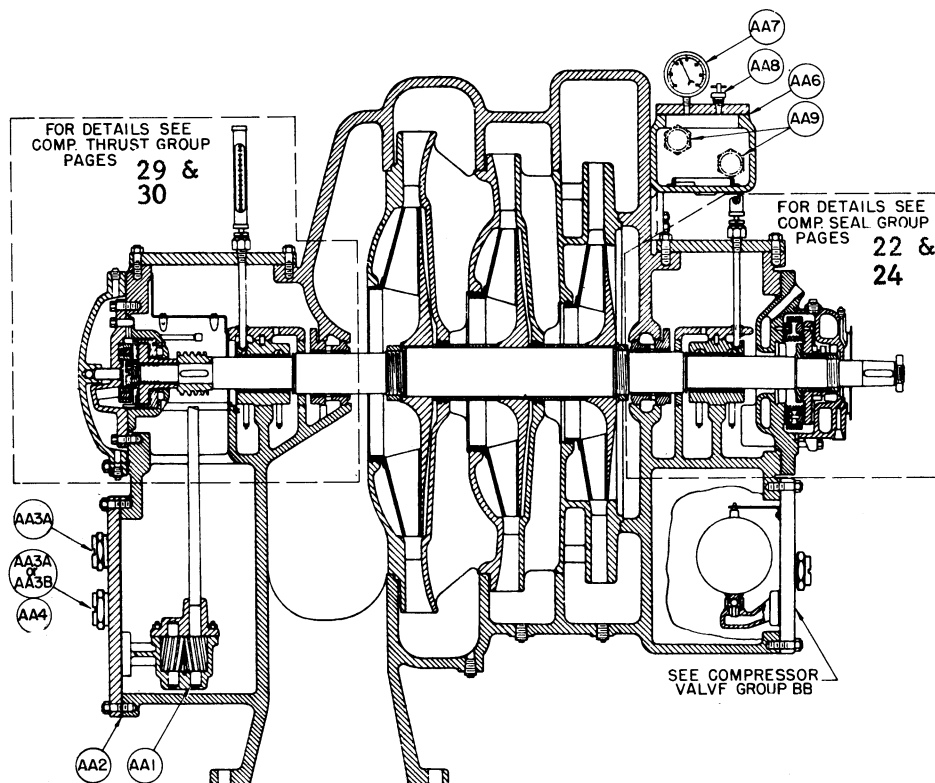
17F

Division: 17F
Group: "AA"

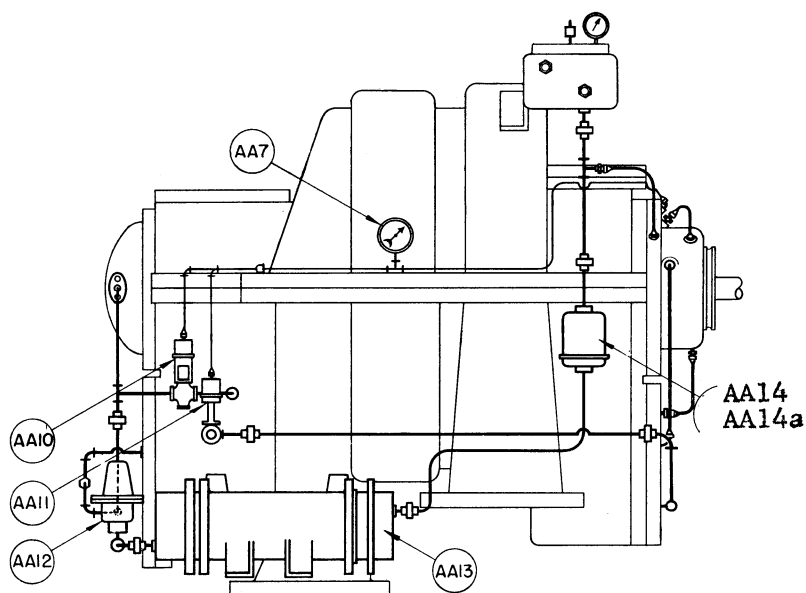
GENERAL COMPRESSOR PARTS

ITEM	DESCRIPTION	QTY.	PART NO. USED ON SIZE	
			11-1/2 BZ	12 BZ
	Seal Group Parts Thrust Group Parts Atmospheric Float Valve		See Seal Group, Page No. 22 & 23 See Thrust Group, Page No. 26 & 28 See Comp. Valve Group, Page No. 12, 20	
AA1	Oil Pump Assembly	1	17F9-223	17F9-223
AA1a	Includes: Drive Gear	1	17F9-1142	17F9-1142
AA1b	Driven Gear] Order in Pairs	1	17F9-1152	17F9-1152
AA2	Gasket - Oil Pump Chamber	1	17F9-1091	17F9-1091
AA3	Reflex Sight Glass	1	17M32-1502	17M32-1502
AA4	Gasket - Sight Glass	2	R7-1729	R7-1729
AA6	Gasket - Oil Reservoir Cover	1	17F6-6571	17F6-6571
AA7	Oil Pressure Gauge	3	KM01AQ-330	KM01AQ-330
AA8	Air Vent Assembly	1	17F6-461A	17F6-461A
AA9	Sight Glass Assembly (Round)	2	17F9-792	17F9-792
AA9a	Includes: Glass	2	KM36AW-105	KM36AW-105
AA9b	Gasket	6	R5-1004	R5-1004
AA9c	Gland	2	R5-1001	R5-1001
AA10	#Oil Pressure Regulating Valve (See Compressor Valve Group "BB" for Parts, Page No. 20)	1	17M42-443	17M42-443
AA11	#Oil Control Stop Valve (See Compressor Valve Group "BB" for Parts, Page No. 20)	1	17M42-443	17M42-443
AA12	Oil Check Valve (See Compressor Valve Group "BB" for Parts, Page No. 20)	2	17F9-182A	17F9-182A
AA13	Oil Cooler Assembly	1	17M32-333	17M32-333
AA14	Oil Filter	1	KH18BV-105	KH18BV-105
AA14a	Includes: Cartridge	1	KH19BZ-005	KH19BZ-005

Replacement for original Valve. For installation see Engineering Bulletin 17SB-58-4.



"CZ" COMPRESSOR (INTERNAL PARTS)



"CZ" COMPRESSOR (EXTERNAL PARTS)



CENTRIFUGAL REFRIGERATION MACHINE

17F

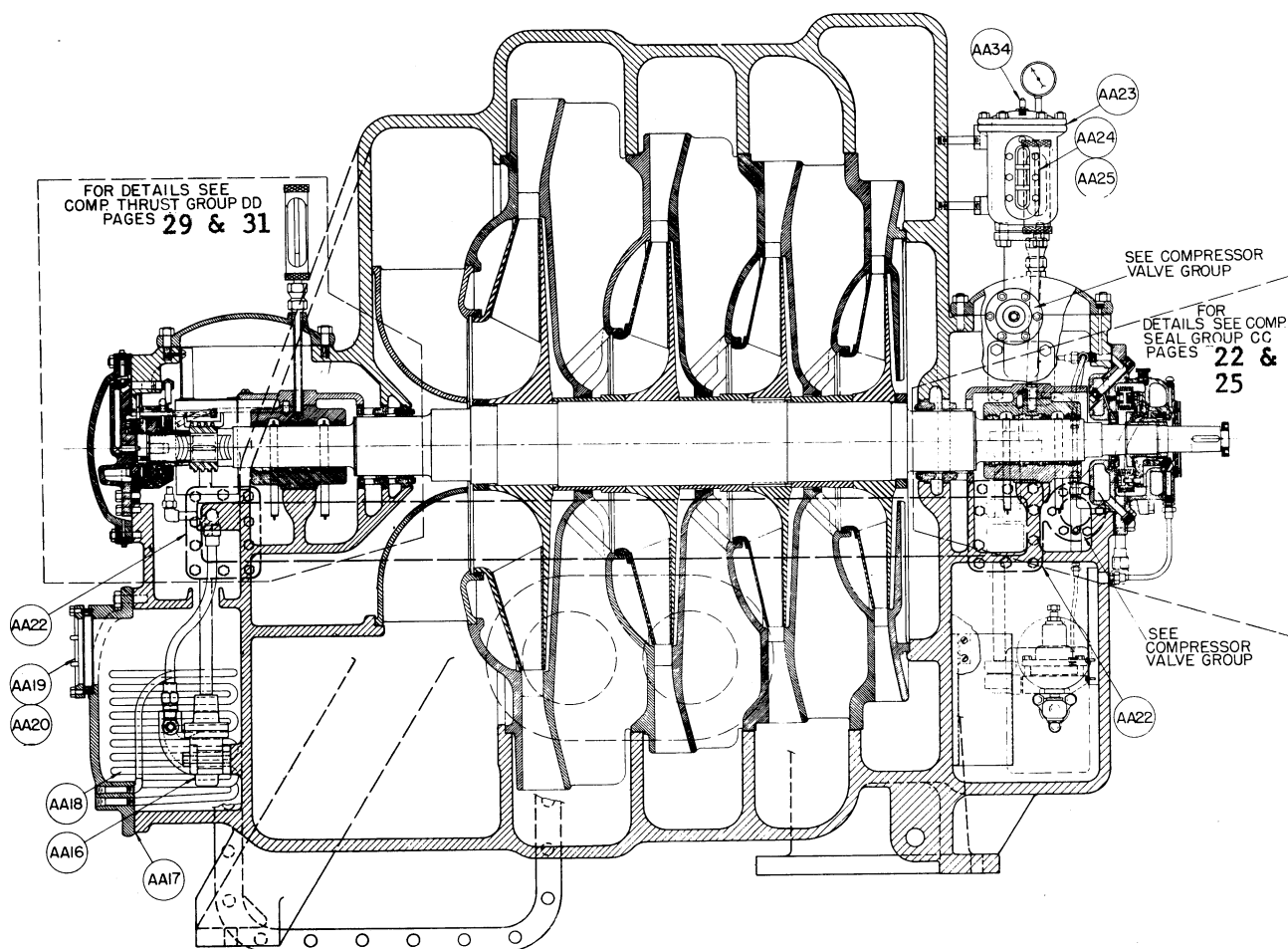
Division: 17F
Group: "AA"

GENERAL COMPRESSOR PARTS

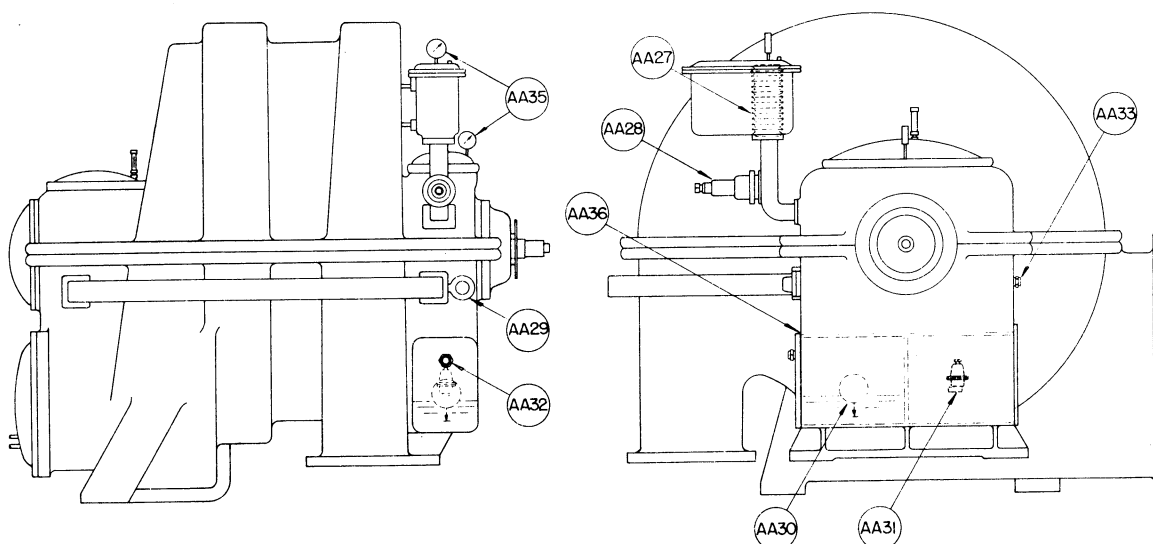
ITEM	DESCRIPTION	QTY.	PART NO. USED ON SIZE			
			6-1/2 CZ	7-1/2 CZ	8-1/2 CZ	9-1/2 CZ
	Seal Group Parts		See Seal Group, Page No. 22 and 24			
	Thrust Group Parts		See Thrust Group, Page No. 29 and 30			
	Vacuum Float Valve Parts		See Compressor Valve Group, Page No. 15 and 21			
	Atmospheric Float Valve Parts		See Compressor Valve Group, Page No. 12 and 20			
AA1	Oil Pump Assembly	1	17F6-223	17F6-223	17F9-223	17F9-223
	Includes:					
AA1a	Drive Gear	1	17F6-1142	17F6-1142	17F9-1142	17F9-1142
AA1b	Driven Gear	1	17F6-1152	17F6-1152	17F9-1152	17F9-1152
	Order in Pairs					
AA2	Gasket - Oil Pump Chamber Cover	1	17F6-1091	17F6-1091	17F9-1091	17F9-1091
AA3a	*Sight Glass Assembly (Round)	2	17F9-792	17F9-792	17F9-792	17F9-792
	Includes:					
AA3aa	Glass	2	KM36AW-105	KM36AW-105	KM36AW-105	KM36AW-105
AA3ab	Gland	2	R5-1001	R5-1001	R5-1001	R5-1001
AA3ac	Gasket	6	R5-1004	R5-1004	R5-1004	R5-1004
AA3b	*Sight Glass (Reflex) 5-1/2"	1	17M32-1502	17M32-1502	17M32-1502	17M32-1502
AA4	Gasket - Reflex Sight Glass	2	R7-1729	R7-1729	R7-1729	R7-1729
AA6	Gasket - Oil Reservoir Cover	1	17F6-6571	17F6-6571	17F6-6571	17F6-6571
AA7	Oil Pressure Gauge (0-30#)	2	KM01AQ-330	KM01AQ-330	KM01AQ-330	KM01AQ-330
AA8	Air Vent Assembly	1	17F6-461A	17F6-461A	17F6-461A	17F6-461A
AA9	Sight Glass Assembly (Round)	2	17F9-792	17F9-792	17F9-792	17F9-792
	Includes:					
AA9a	Glass	2	KM36AW-105	KM36AW-105	KM36AW-105	KM36AW-105
AA9b	Gland	2	R5-1001	R5-1001	R5-1001	R5-1001
AA9c	Gasket	6	R5-1004	R5-1004	R5-1004	R5-1004
AA10	#Oil Pressure Regulating Valve (See Comp. Valve Group "BB" for Parts, Page No. 20)	1	17M42-443	17M42-443	17M42-443	17M42-443
AA11	#Oil Control Stop Valve (See Comp. Valve Group "BB" for Parts, Page No. 20)	1	17M42-443	17M42-443	17M42-443	17M42-443
AA12	Oil Pressure Check Valve (See Comp. Valve Group "BB" for Parts, Page No. 20)	1	17F9-182A	17F9-182A	17F9-182A	17F9-182A
AA13	Oil Cooler Assembly	1	17M32-333	17M32-333	17M32-333	17M32-333
AA14	Oil Filter	1	KH18BV-105	KH18BV-105	KH18BV-105	KH18BV-105
	Includes:					
AA14a	Cartridge	1	KH19BZ-005	KH19BZ-005	KH19BZ-005	KH19BZ-005

NOTES: * 3a and 3b are Sight Glasses of two different types. Check for type in use on compressor and order only that style.

Replacement for original Valve. For installation see Engineering Bulletin 17SB-58-4.



"DZ" COMPRESSOR (INTERNAL PARTS)



"DZ" COMPRESSOR (EXTERNAL PARTS)



CENTRIFUGAL REFRIGERATION MACHINE

17F

Division: 17F
Group: "AA"

GENERAL COMPRESSOR PARTS

ITEM	DESCRIPTION	QTY.	PART NO. USED ON SIZE		
			8-1/2 DZ	9-1/2 DZ	10-1/2 DZ
	Seal Group Parts		See Seal Group, Page No. 22 & 25		
	Thrust Group Parts		See Thrust Group, Page No. 29 & 31		
	Vacuum and Atmospheric		See Compressor Valve Group, Page No. 16 & 21		
	Float Valve Parts				
	Oil Control Stop and		See Compressor Valve Group, Page No. 17 & 21		
	Regulating Valve Parts				
AA16	#Oil Pump Assembly	-	-	-	-
	Includes:				
AA16a	Drive Gear	1	17K9-1142	17K9-1142	17K9-1142
AA16b	Driven Gear	1	17K9-1152	17K9-1152	17K9-1152
	Order in Pairs				
AA17	Gasket - Oil Pump Chamber	1	17F104-1091	17F104-1091	17F104-1091
AA18	Oil Cooling Coil	1	17F104-283	17F104-283	17F104-283
AA19	Sight Glass (Reflex)	1	17M32-1502	17M32-1502	17M32-1502
AA20	Gasket (Reflex Glass)	2	R7-1729	R7-1729	R7-1729
AA22	Gasket - Seal to Thrust Manifold	2	17F104-1271	17F104-1271	17F104-1271
AA23	Gasket - Oil Reservoir Cover	1	17F104-6571	17F104-6571	17F104-6571
AA24	Sight Glass (Reflex)	1	17M32-1502	17M32-1502	17M32-1502
AA25	Gasket (Reflex Glass)	2	R7-1729	R7-1729	R7-1729
AA27	Oil Filter - Cartridge	1	KH19BZ-005	KH19BZ-005	KH19BZ-005
AA28	*Oil Check Valve Assembly (See Comp. Valve Group "BB" for Parts, Page No. 21)	1	-	-	-
AA29	*Oil Pressure Regulating Valve Assembly (See Comp. Valve Group "BB" for Parts, Page No. 21)	1	-	-	-
AA30	*Atmospheric Float Valve Assembly (See Comp. Valve Group "BB" for Parts, Page No. 21)	1	-	-	-
AA31	Oil Stop Valve Assembly (See Comp. Valve Group "BB" for Parts, Page No. 21)	1	-	-	-
AA32	Sight Glass Assembly (Round)	1	17F9-792	17F9-792	17F9-792
	Includes:				
AA32a	Glass	1	KM36AW-105	KM36AW-105	KM36AW-105
AA32b	Gasket	3	R5-1004	R5-1004	R5-1004
AA32c	Gland	1	R5-1001	R5-1001	R5-1001

Complete Oil Pump is not available.

* Complete Valve is not available.



CENTRIFUGAL REFRIGERATION MACHINE

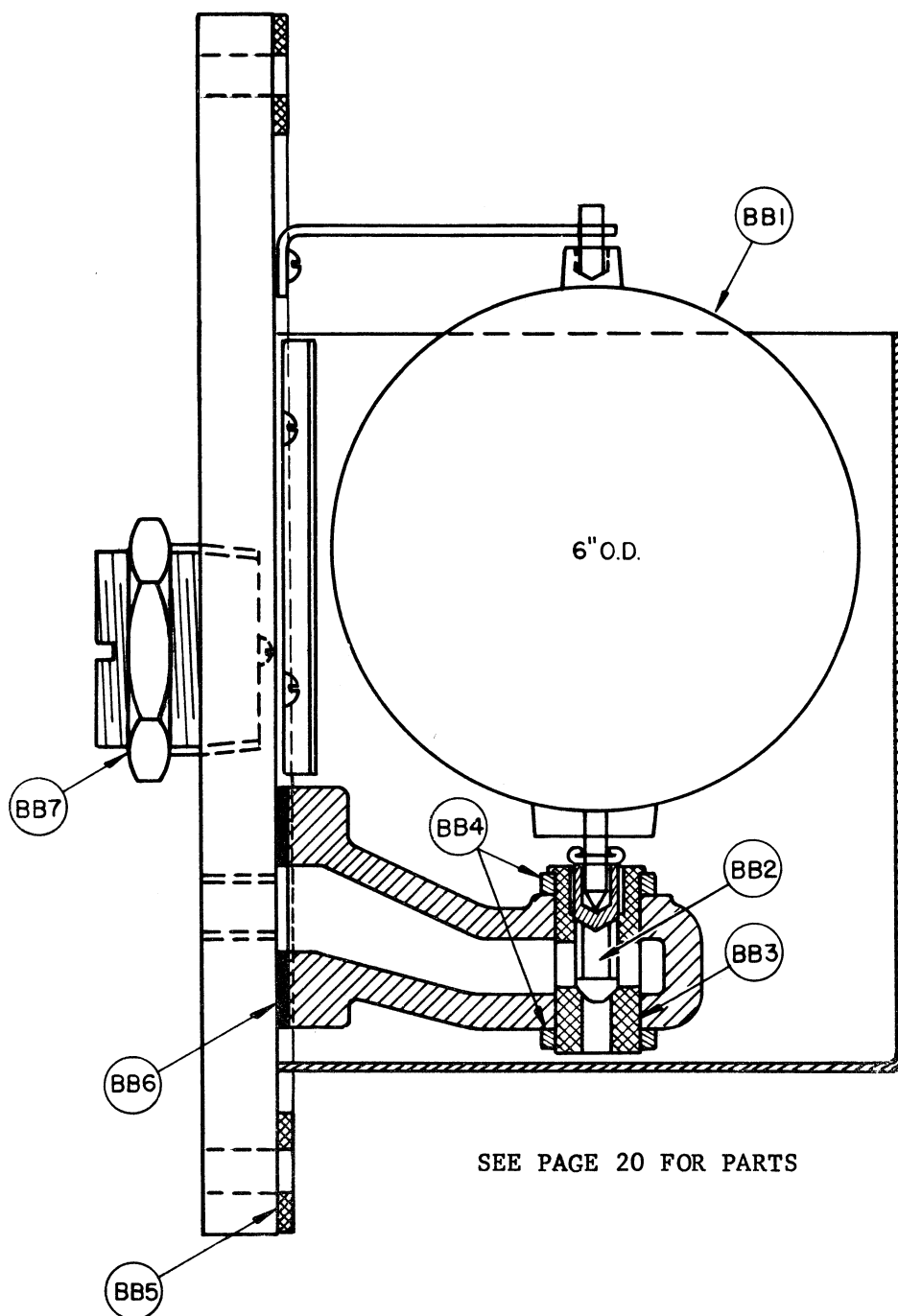
17F

Division: 17F
Group "AA"

GENERAL COMPRESSOR PARTS

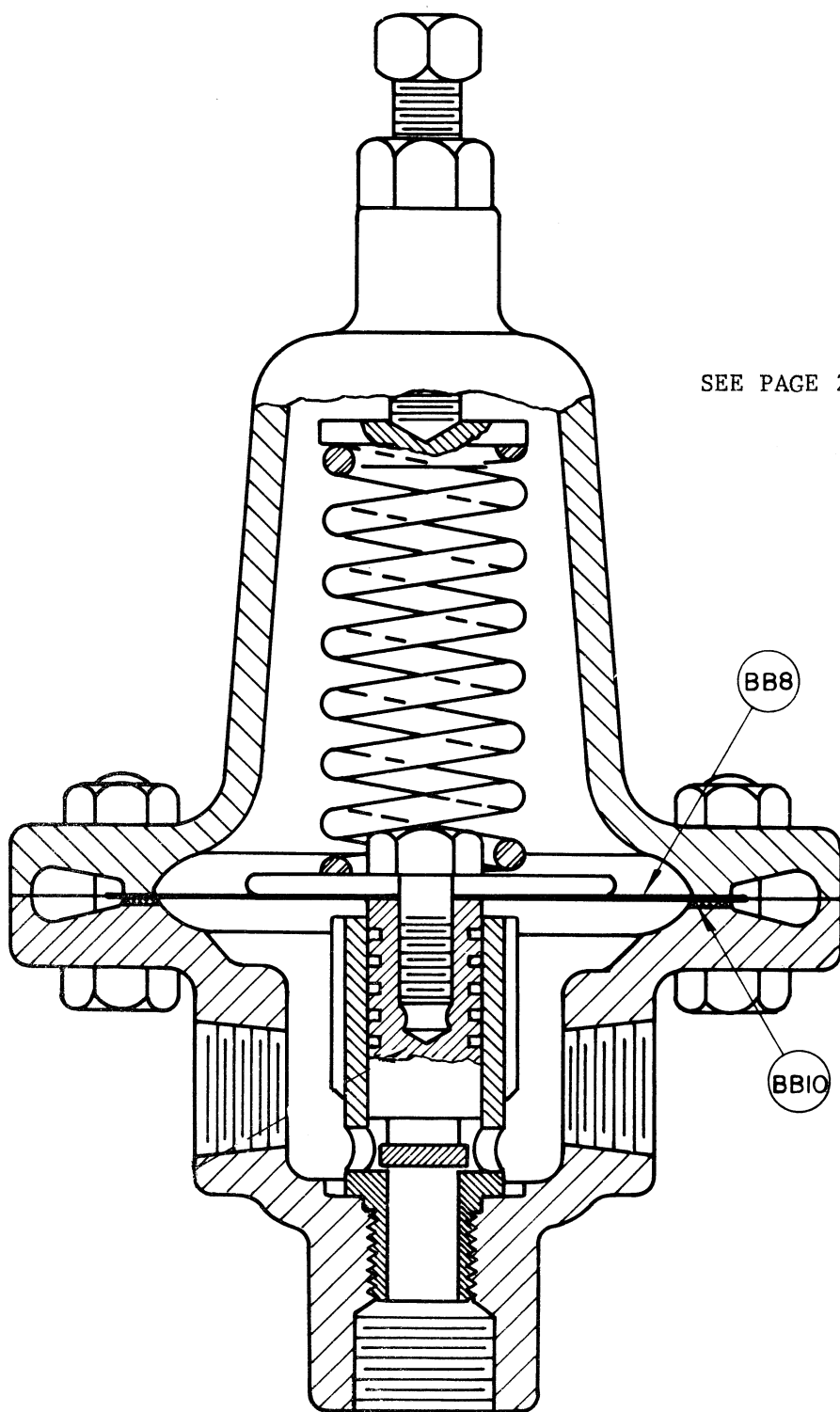
ITEM	DESCRIPTION	QTY.	PART NO. USED ON SIZE		
			8-1/2 DZ	9-1/2 DZ	10-1/2 DZ
AA33	ø Sight Glass Assembly (Parts same as listed under AA32)	1	17F9-792	17F9-792	17F9-792
AA34	Air Vent and Vacuum Breaker Assembly	1	17F6-461A	17F6-461A	17F6-461A
AA35	Pressure Gauge (0-30#)	2	KM01AQ-330	KM01AQ-330	KM01AQ-330
AA36	Gasket - Atmospheric Chamber Cover	1	17F84-1101	17F9-1101	17F9-1101

ø On a few machines only.



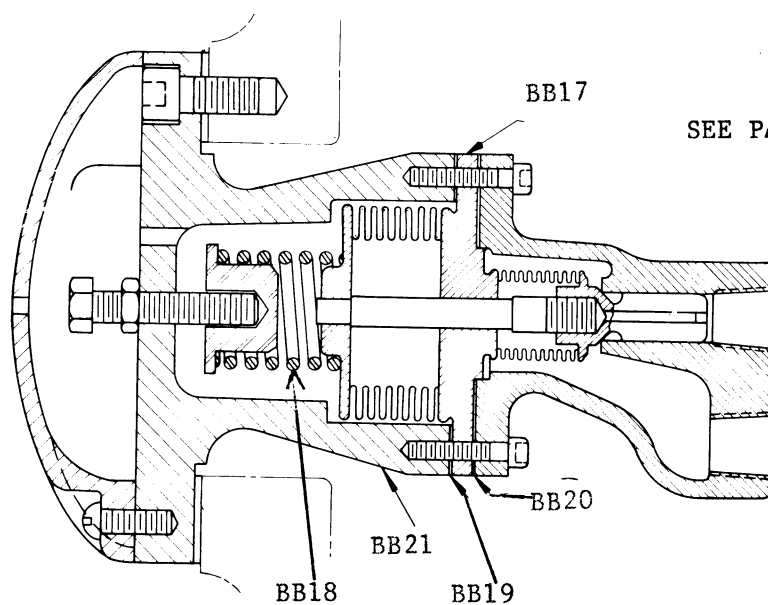
SEE PAGE 20 FOR PARTS

"AA"-"BZ" AND "CZ" ATMOSPHERE FLOAT VALVE



SEE PAGE 20 FOR PARTS

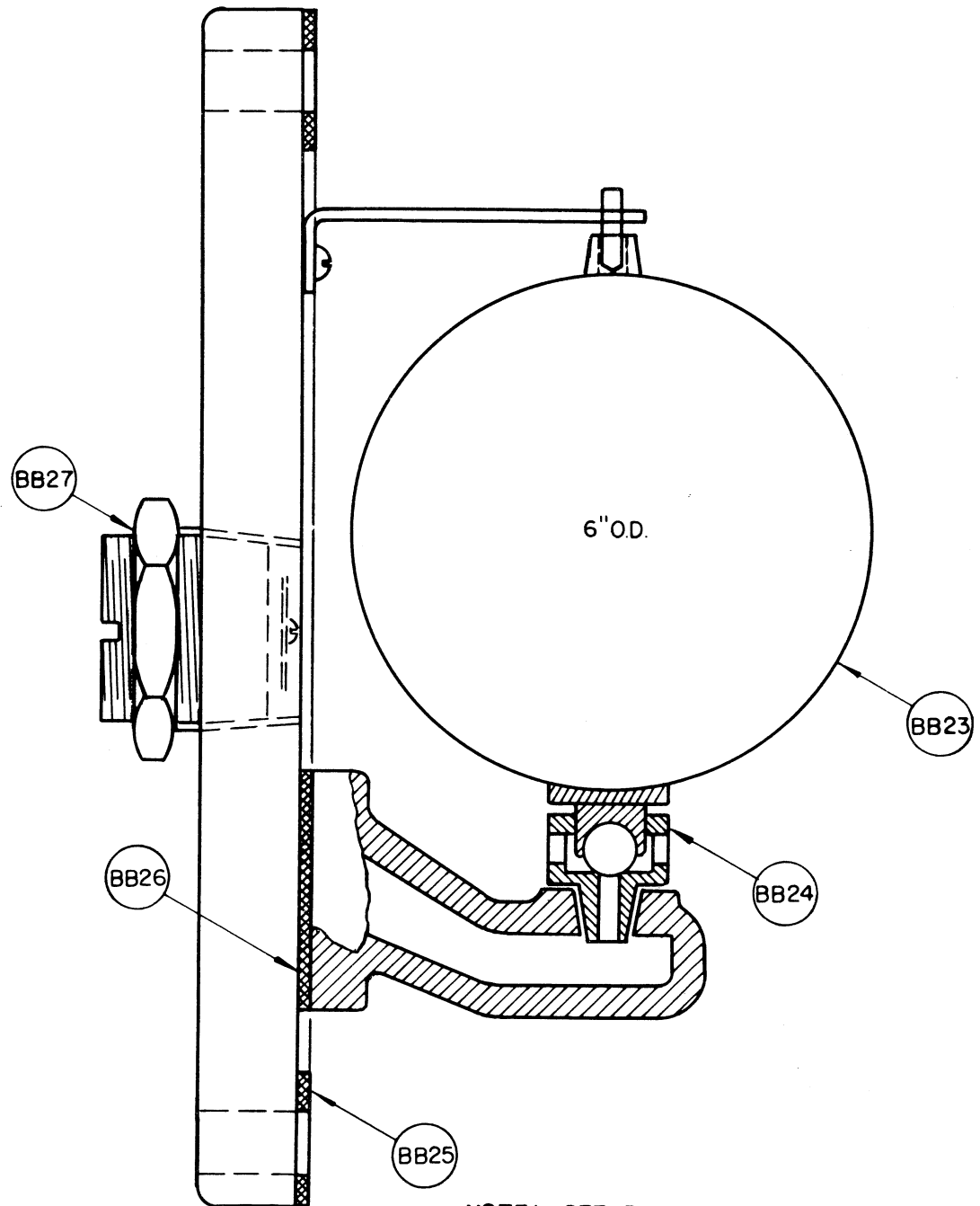
"AA"-"BZ" AND "CZ" OIL PRESSURE CHECK VALVE



SEE PAGE 20 FOR PARTS

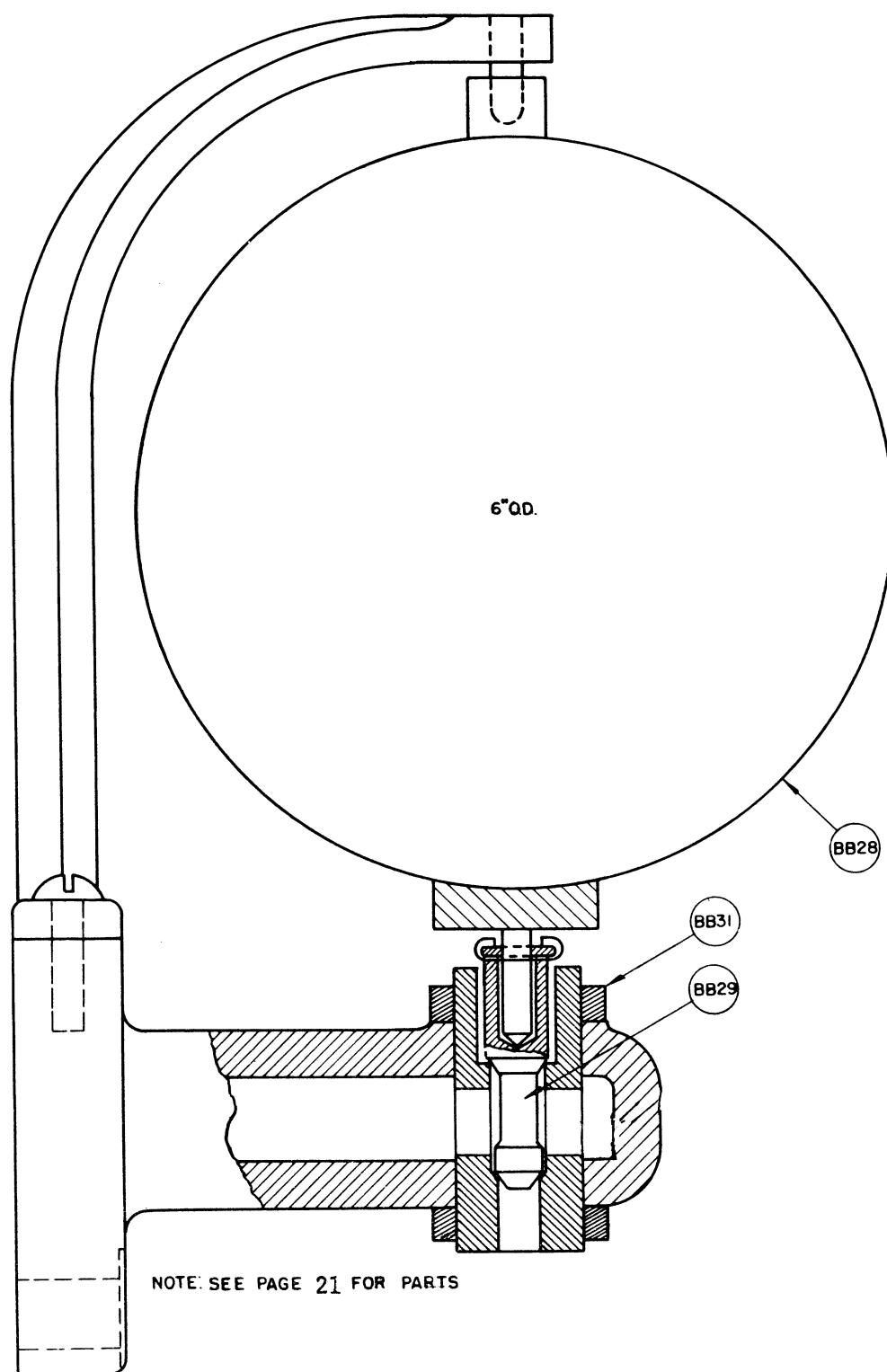
AA, BZ, CZ CONTROL STOP VALVE AND OIL PRESSURE REGULATING VALVE

DIVISION: 17F
GROUP: "BB"



NOTE: SEE PAGE 21 FOR PARTS.

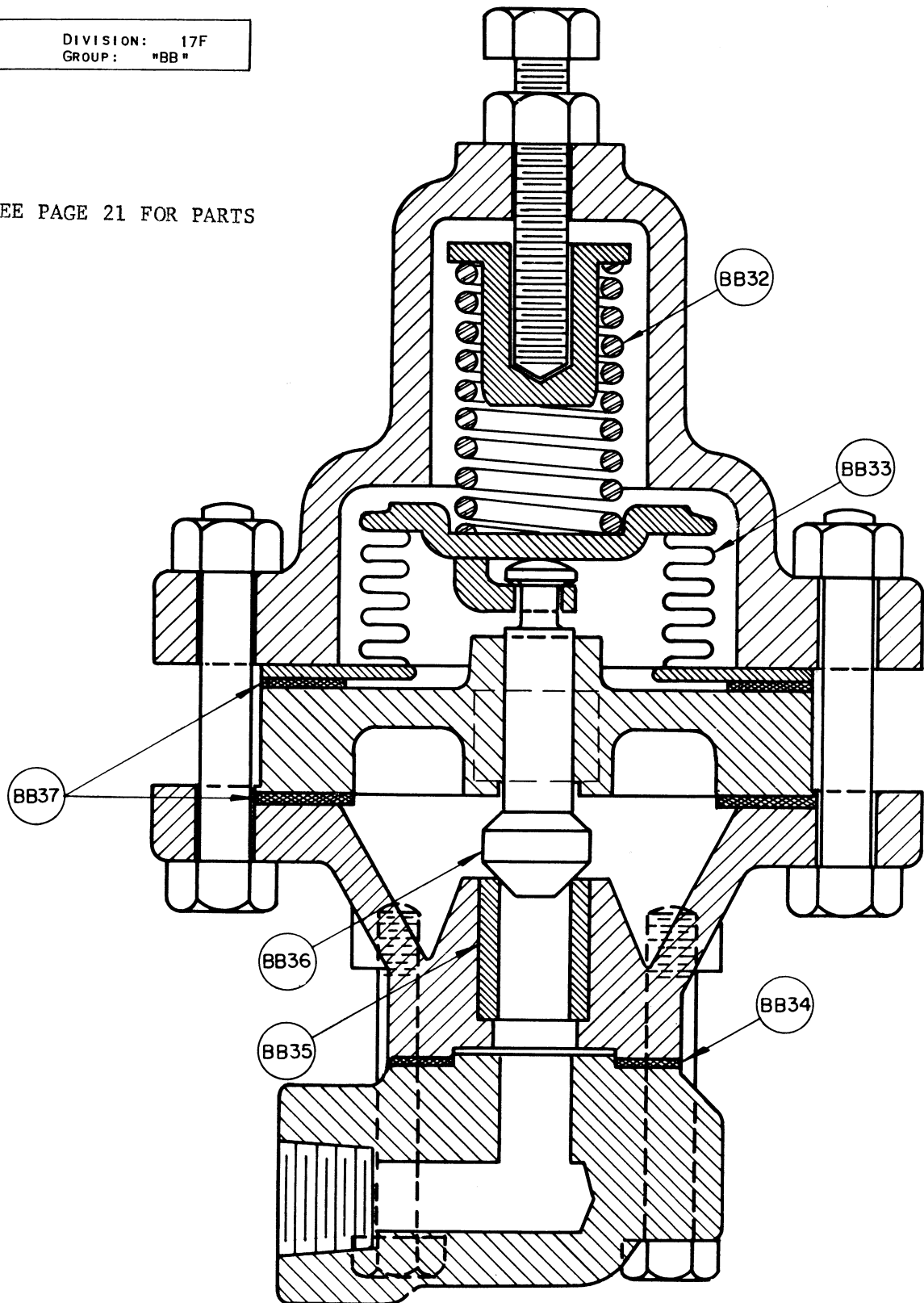
"AA" AND "CZ" VACUUM FLOAT VALVE



"DZ" ATMOSPHERIC FLOAT VALVE

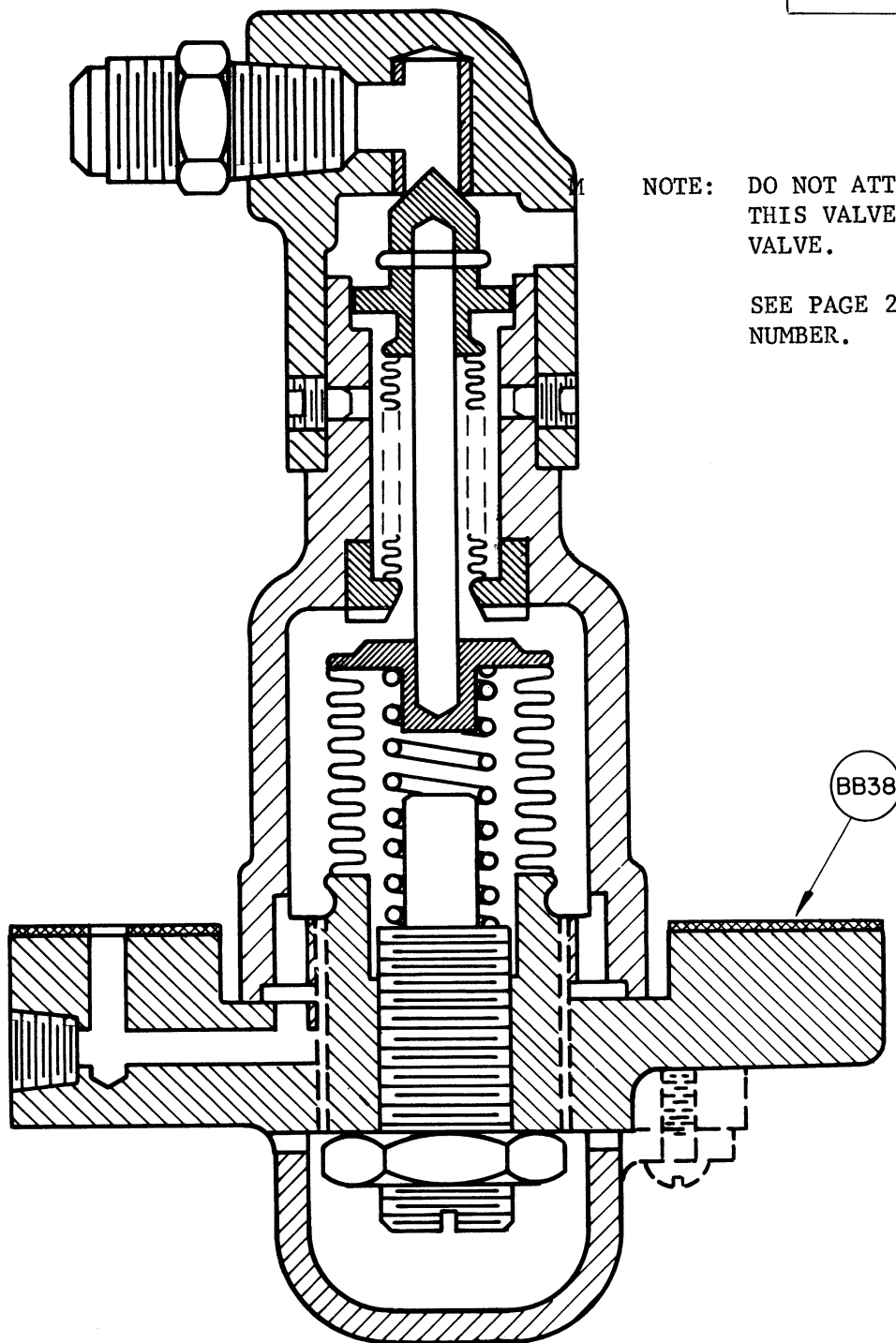
DIVISION: 17F
GROUP: "BB"

SEE PAGE 21 FOR PARTS



"DZ" OIL STOP VALVE

DIVISION: 17F
GROUP: "BB"

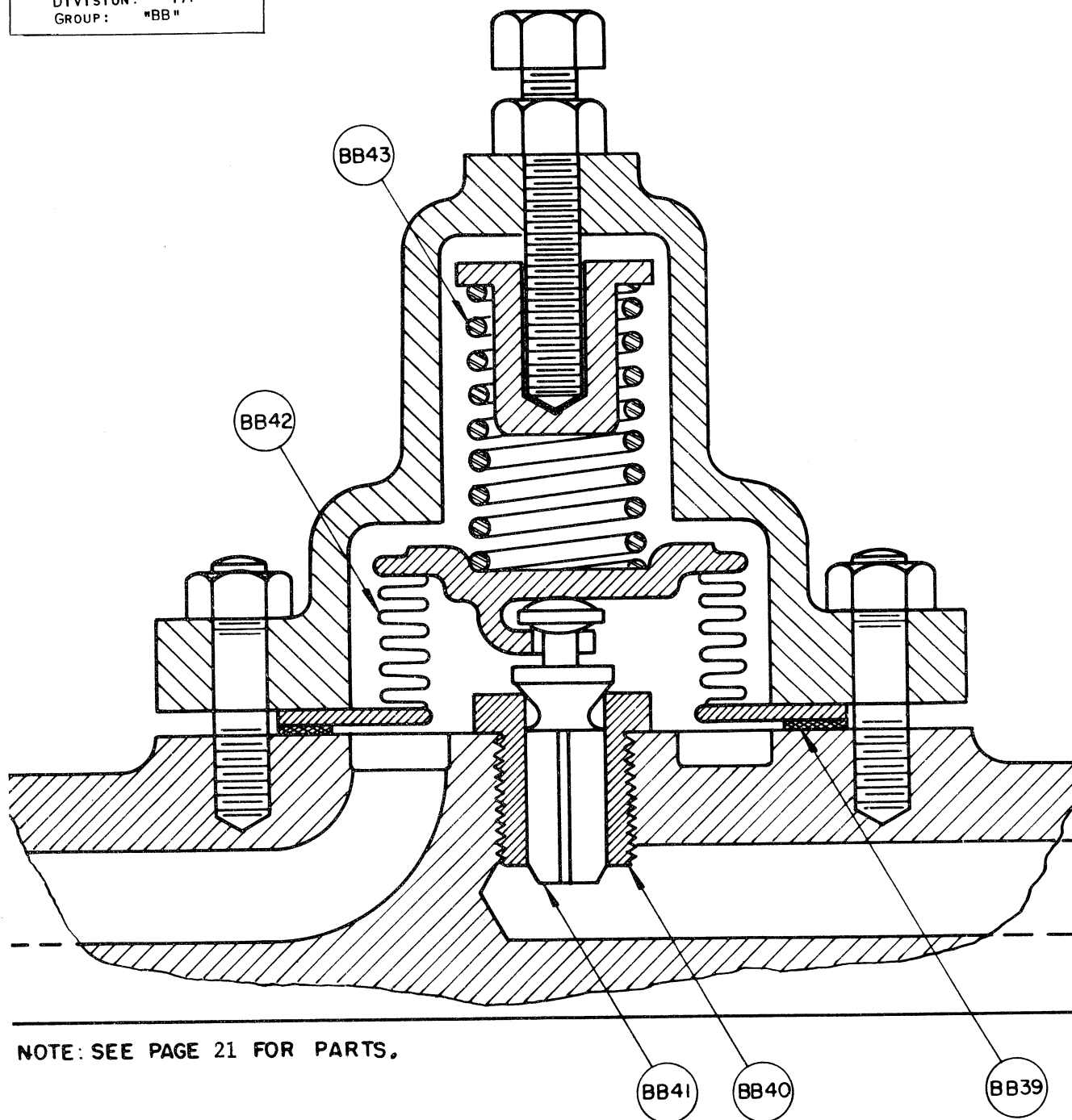


NOTE: DO NOT ATTEMPT TO REPAIR
THIS VALVE--ORDER NEW
VALVE.

SEE PAGE 21 FOR PART
NUMBER.

"DZ" OIL PRESSURE REGULATING VALVE

DIVISION: 17F
GROUP: "BB"



"DZ" OIL CHECK VALVE



CENTRIFUGAL REFRIGERATION MACHINE

17F

Division: 17F
Group: "BB"

COMPRESSOR VALVES

ITEM	DESCRIPTION	QTY.	PART NUMBER
------	-------------	------	-------------

"AA" COMPRESSOR VALVES

(SAME AS "CZ" COMPRESSOR VALVES)

"BZ" COMPRESSOR VALVES

Page 12	Atmospheric Float Valve	1	See Note #1
	Includes:		
BB1	Float Ball (6" OD) and Spud	1	17F9-481
BB2, 3, 4	Stem, Seat, and Locknut Package	1	17F9-051
BB5	Gasket - Atmospheric Float Valve Cover	1	17F9-1101
BB6	Gasket - Cover to Arm	1	17F9-1111
BB7	Sight Glass Assembly (Round)	1	17F9-792
	Includes:		
BB7a	Sight Glass	1	KM36AW-105
BB7b	Gland (Sight Glass)	1	R5-1001
BB7c	Gasket (Sight Glass)	3	R5-1004
Page 13	Oil Pressure Check Valve	1	17F9-182A
	Includes:		
BB8	Diaphragm	1	EB19FH-001
BB10	Diaphragm Gasket	1	EB19FH-002
Page 14	Oil Control Stop Valve	1	17M42-443
Page 14	Oil Pressure Regulating Valve	1	17M42-443
	Includes:		
BB17	Bellows	1	17M42-532
BB18	Spring	1	17M42-6131
BB19	Gasket	1	17M42-5701
BB20	Gasket	1	17M42-6121
BB21	Body	1	17M42-1623

"CZ" COMPRESSOR VALVES

Page 12	Atmospheric Float Valve	1	Same as "BZ"
Page 13	Oil Pressure Check Valve	1	Same as "BZ"
Page 14	Oil Control Stop Valve	1	Same as "BZ"
Page 14	Oil Pressure Regulating Valve	1	Same as "BZ"

Note #1: Complete Valve is not available.



CENTRIFUGAL REFRIGERATION MACHINE

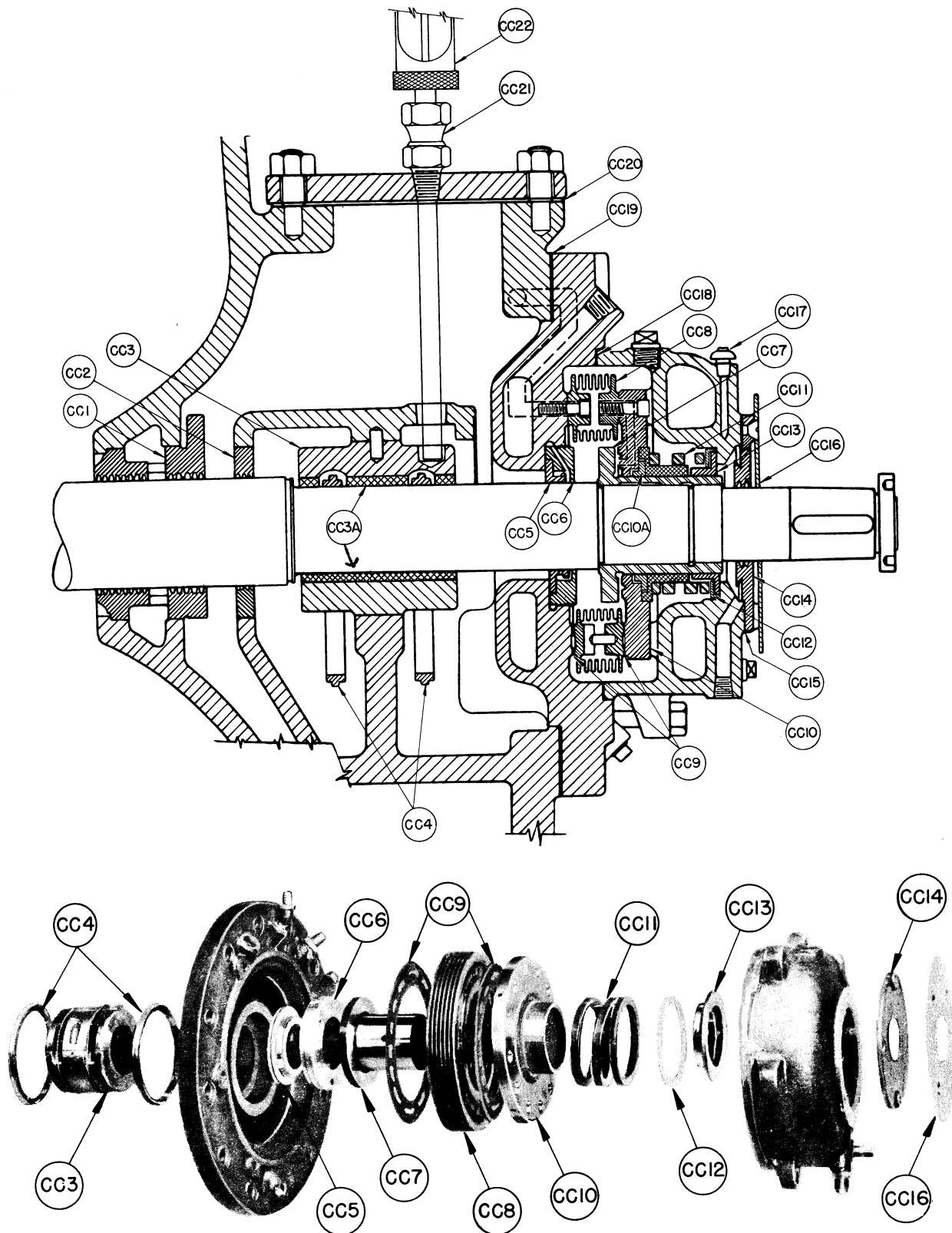
17F

Division: 17F
Group: "BB"

COMPRESSOR VALVES

ITEM	DESCRIPTION	QTY.	PART NUMBER
"CZ" COMPRESSOR VALVES (CONT'D)			
Page 15	Vacuum Float Valve Assembly Includes:	1	See Note #1
BB23	Float Ball (6" OD) and Spud	1	17F9-621
BB24	Valve Seat	1	17C7-1001
BB25	Gasket - Float Valve Cover	1	17F9-1101
BB26	Gasket - Valve Arm	1	17F9-1111
BB27	Sight Glass Assembly Includes:	1	17F9-792
BB27a	Sight Glass	1	KM36AW-105
BB27b	Gland	1	R5-1001
BB27c	Gasket	3	R5-1004
"DZ" COMPRESSOR VALVES			
Page 16	Atmospheric Float Valve Assembly Includes:	1	See Note #1
BB28	Float Ball (6" OD) and Spud	1	17F9-481
BB29, 31	Stem, Seat, and Locknut Package	1	17F9-051
Page 17	Oil Control Stop Valve Includes:	1	See Note #1
BB32	Upper Spring	1	17F104-9871
BB33	Bellows Assembly	1	17F104-611
BB34	Gasket - Lower Flange	1	17F7-6361
BB35	Valve Seat	1	17F104-9801
BB36	Valve Stem	1	17F104-9451
BB37	Gasket - Bellows	2	17M32-1501
Page 18	Oil Pressure Regulating Valve Assembly	1	17M32-143A
Page 19	Oil Check Valve Assembly Includes:	1	See Note #1
BB39	Gasket - Bellows	1	17M32-1501
BB40	Valve Seat	1	17F104-9391
BB41	Valve Stem	1	17F104-9401
BB42	Bellows Assembly	1	17F104-611
BB43	Valve Spring	1	17F104-9881A

Note #1: Complete Valve is not available.



"AA", "BZ", "CZ" AND "DZ" COMPRESSOR SEAL PARTS



CENTRIFUGAL REFRIGERATION MACHINE

17F

Division: 17F
Group: "CC"

COMPRESSOR SEAL PARTS

ITEM	DESCRIPTION	QTY.	PART NO. USED ON SIZE			
			6-1/2 CZ	7-1/2 CZ	8-1/2 CZ	9-1/2 CZ
CC1	Shaft Labyrinth (Seal End)	1	17F6-1053	17F6-1053	17F9-1053	17F9-1053
CC2	Bearing Labyrinth (Seal End)	1	17F6-692	17F6-692	17F9-692	17F9-692
CC3	*Bearing Assembly (Rev.) Includes:	1	17F6-173A	17F6-173A	17F9-173A	17F9-173A
CC3a	Bearing Liner Package	1	17F6-032	17F6-032	17F9-032	17F9-032
CC4	Oil Rings (Seal End Bearing)	2	17F6-822	17F6-822	17F9-822	17F9-822
CC5	Inner Floating Seal Ring	1	17F6-1392	17F6-1392	17F9-1392	17F9-1392
CC6	Float Seal Ring Retainer (LH Thd.)	1	17F9-1402	17F9-1402	17F9-1402	17F9-1402
CC7	Rotating Seal Seat	1	17F6-1372	17F6-1372	17F9-1372	17F9-1372
CC8	Seal Bellows Assembly	1	17F9-183	17F9-183	17F9-183	17F9-183
CC9	Gasket - Seal Bellows	2	17F9-1492	17F9-1492	17F9-1492	17F9-1492
CC10	+Stationary Seal Seat (Rev.) Assy. Includes:	1	17F9-466	17F9-466	17F9-466	17F9-466
CC10a	Floating Seal Ring	1	17F9-3842	17F9-3842	17F9-3842	17F9-3842
CC11	Seal Spring	1	17F9-1412	17F9-1412	17F9-1412	17F9-1412
CC12	Washer for Seal Spring (Rev.)	1	17F9-3532	17F9-3532	17F9-3532	17F9-3532
CC13	#Outer Floating Seal Ring	1	17F9-3522	17F9-3522	17F9-3522	17F9-3522
CC14	Shaft End Labyrinth	1	17F6-1432	17F6-1432	17F9-1432	17F9-1432
CC15	Gasket - Shaft End Labyrinth	1	17F9-1331	17F9-1331	17F9-1331	17F9-1331
CC16	Windage Baffle	1	17F6-1442	17F6-1442	17F9-1442	17F9-1442
CC17	Seal Vent Assembly	1	17F9-101A	17F9-101A	17F9-101A	17F9-101A
CC18	Gasket - Seal Housing Cover	1	17F9-1321	17F9-1321	17F9-1321	17F9-1321
CC19	Gasket - Seal Cover	1	17F9-1341	17F9-1341	17F9-1341	17F9-1341
CC20	Gasket - Bearing Inspection Cover	1	17F6-1131	17F6-1131	17F9-1131	17F9-1131
CC21	Thermometer Clamping Nut	1	17F9-6131	17F9-6131	17F9-6131	17F9-6131
CC22	Thermometer (Seal End)	1	KM11AA-310	KM11AA-310	KM11AA-310	KM11AA-310

*This revised Bearing replaces the original babbitted Bearing and requires only the replacement of the Liners as listed below the Bearing. For all Compressors with Compressor serial numbers below No. 224, order the 17F6 or 9-173A only once. For Compressors No. 224 and above, order Liners only.

+The revised style includes Floating Oil Ring; the original did not. The old-type Seat must be replaced with 17F9-466.

#Unless the new "lipped" style Washer is now used, also order Item No. 12 with this Seal Ring.



CENTRIFUGAL REFRIGERATION MACHINE

17F

Division: 17F
Group: "CC"

COMPRESSOR SEAL PARTS

ITEM	DESCRIPTION	QTY.	6½ & 7½ AA (WITH SEAL)	+11½ BZ	12 BZ
CC1	Shaft Labyrinth	1	17F6-1053	17F9-1053	17F9-1053
CC2	Bearing Labyrinth	1	17F6-692	17F9-692	17F9-692
CC3	*Bearing Assembly (Rev.) (With Liners) Includes:	1	17K6-393	17F9-173A	17F9-173A
CC3a	Bearing Liner	1	-	17F9-032	17F9-032
CC4	Oil Rings for Bearing	2	17F6-822	17F9-822	17F9-822
CC5	Inner Floating Seal Ring	1	17F6-1392	17F9-1392	17F9-1392
CC6	Floating Seal Ring Retainer (LH Thd.)	1	17F9-1402	17F9-1402	17F9-1402
CC7	Rotating Seal Seat	1	17F6-1372	17F9-1372	17F9-1372
CC8	Seal Bellows Assembly	1	17F9-183	17F9-183	17F9-183
CC9	Gasket - Seal Bellows	2	17F9-1492	17F9-1492	17F9-1492
CC10	#Stationary Seal Seat (Rev.) Assembly Includes:	1	17F9-466	17F9-466	17F9-466
CC10a	Floating Seal Ring	1	17F9-3842	17F9-3842	17F9-3842
CC11	Seal Spring	1	17F9-1412	17F9-1412	17F9-1412
CC12	Washer for Seal Spring (Rev.)	1	17F9-3532	17F9-3532	17F9-3532
CC13	+Outer Floating Seal Ring	1	17F9-3522	17F9-3522	17F9-3522
CC14	Shaft End Labyrinth	1	17F6-1432	17F9-1432	17F9-1432
CC15	Gasket - Shaft End Labyrinth	1	17F9-1331	17F9-1331	17F9-1331
CC16	Windage Baffle	1	17F6-1442	17F9-1442	17F9-1442
CC17	Seal Vent Assembly	1	17F9-101A	17F9-101A	17F9-101A
CC18	Gasket - Seal Housing Cover	1	17F9-1321	17F9-1321	17F9-1321
CC19	Gasket - Seal Cover	1	17F9-1341	17F9-1341	17F9-1341
CC20	Gasket - Bearing Inspection Cover	1	17K6-1131	17F9-1131	17F9-1131
CC21	Thermometer Clamping Nut	1	17F9-6131	17F9-6131	17F9-6131
CC22	Thermometer (Seal End)	1	KM11AA-310	KM11AA-310	KM11AA-310

*This revised Bearing replaces the original babbitted Bearing and requires only the replacement of the Liners as listed below the Bearing. For all Compressors with compressor serial numbers below No. 224, order the 17F6 or 9-173A only once. For Compressors No. 224 and above, order Liners only.

#Revised style includes Floating Oil Ring; original did not. Old-type Seat must be replaced with 17F9-466.

+Unless the new "lipped" style Washer is now used, also order Item No. 12 with this Seal Ring.



CENTRIFUGAL REFRIGERATION MACHINE

17F

Division: 17F
Group: "CC"

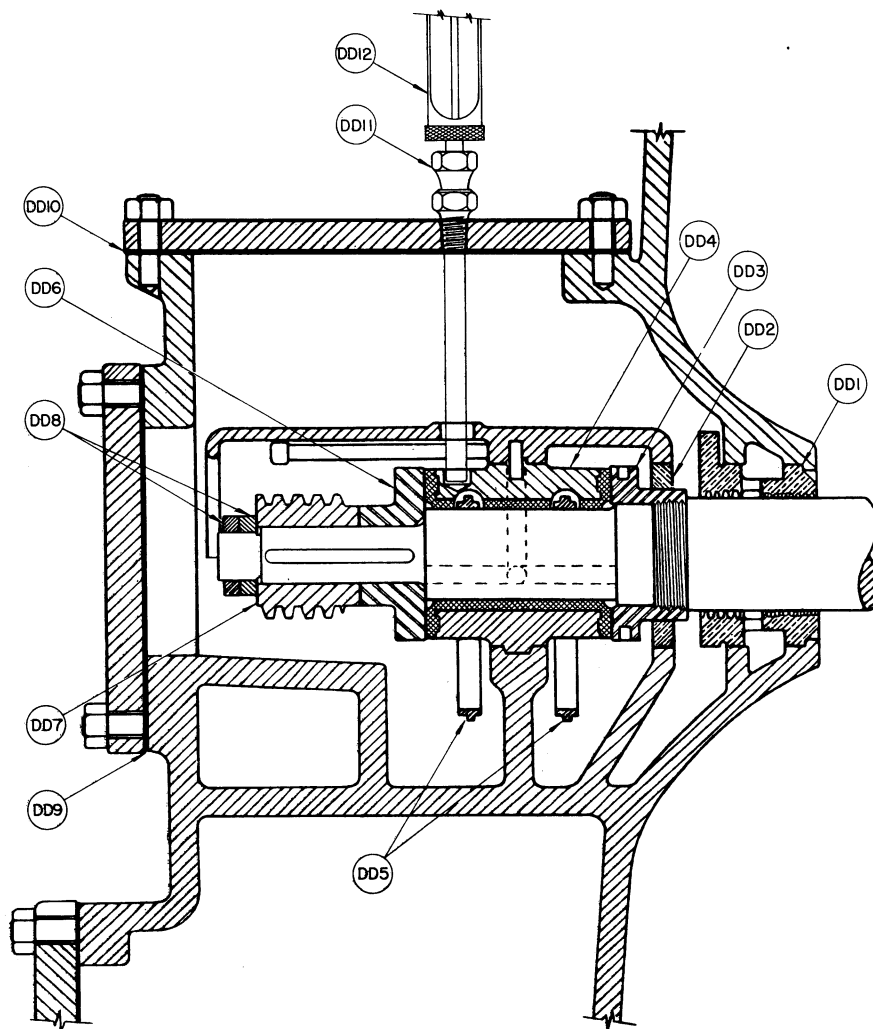
COMPRESSOR SEAL PARTS

ITEM	DESCRIPTION	QTY.	PART NO. USED ON SIZE		
			8-1/2 DZ	9-1/2 DZ	10-1/2 DZ
CC1	*Shaft Labyrinth (Seal End)	1	17F94-1053	17F94-1053	17F104-1053
CC2	Bearing Labyrinth	-	-	-	-
CC3	Bearing Assembly (Babbitted)	1	17F94-268	17F94-268	17F104-268
CC4	Oil Rings	2	17F104-822	17F104-822	17F104-822
CC5	Inner Floating Seal Ring	1	17F9-1392	17F9-1392	17F9-1392
CC6	Floating Seal Ring Retainer (LH Thd.)	1	17F9-1402	17F9-1402	17F9-1402
CC7	Rotating Seal Seat	1	17F9-1372	17F9-1372	17F9-1372
CC8	Seal Bellows Assembly	1	17F9-183	17F9-183	17F9-183
CC9	Gasket - Seal Bellows	2	17F9-1492	17F9-1492	17F9-1492
CC10	+Stationary Seal Seat (Rev.) Assembly	1	17F9-466	17F9-466	17F9-466
CC10a	Includes: Floating Seal Ring	1	17F9-3842	17F9-3842	17F9-3842
CC11	Seal Spring	1	17F9-1412	17F9-1412	17F9-1412
CC12	Washer for Seal Spring	1	17F9-3532	17F9-3532	17F9-3532
CC13	#Outer Floating Seal Ring	1	17F9-3522	17F9-3522	17F9-3522
CC14	Shaft End Labyrinth	1	17F9-1432	17F9-1432	17F9-1432
CC15	Gasket - Shaft End Labyrinth	1	17F9-1331	17F9-1331	17F9-1331
CC16	Windage Baffle	1	17F9-1442	17F9-1442	17F9-1442
CC17	Seal Vent Assembly	1	17F9-101A	17F9-101A	17F9-101A
CC18	Gasket - Seal Housing Cover	1	17F9-1321	17F9-1321	17F9-1321
CC19	Gasket - Seal Cover	1	17F9-1341	17F9-1341	17F9-1341
CC20	Gasket - Bearing Inspection Cover	1	17F104-1131	17F104-1131	17F104-1131
CC21	Thermometer Clamping Nut	1	17F9-6131	17F9-6131	17F9-6131
CC22	Thermometer (Seal End)	1	KM11AA-314	KM11AA-314	KM11AA-314

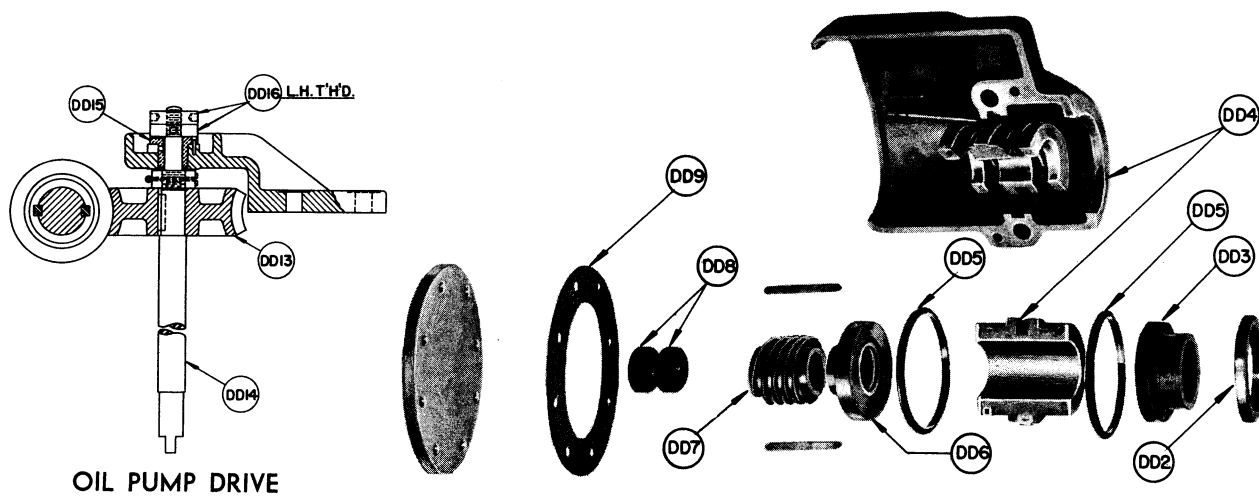
* This Shaft Labyrinth includes the Bearing Labyrinth, thus, omitting Item No. 2.

+ The revised style includes Floating Oil Ring; the original did not. The old-type Seat must be replaced with 17F9-466.

Unless the new "lipped" style Washer is now used, also order Item No. 12 with this Seal Ring.



TYPE "AA" AND "BZ" COMPRESSOR THRUST END



TYPE "AA" AND "BZ" COMPRESSOR THRUST END



CENTRIFUGAL REFRIGERATION MACHINE

17F

Division: 17F
Group "DD"

COMPRESSOR THRUST PARTS

ITEM	DESCRIPTION	QTY.	PART NO. USED ON SIZE		
			6-1/2 AA	7-1/2 AA	9-1/2 AA
DD1	Shaft Labyrinth	1	17F6-1053	17F6-1053	17K9-1123
DD2	Bearing Labyrinth	1	17K6-702	17K6-702	17K9-702
DD3	Thrust Collar (Threaded)	1	17K6-2422	17K6-2422	17K9-2422
DD4	Bearing Assembly (Babbitted Type)	1	17K9-383	17K9-383	17K9-383
DD5	Oil Rings (Bearing)	2	17F6-822	17F6-822	17F6-822
DD6	Thrust Collar (Keyed)	1	17K6-2412	17K6-2412	17K6-2412
DD7	Worm (Steel) Drive Member	1	17F6-1342	17F7-1342	17K9-1342
DD8	Locknuts (Worm)	2	17K6-1251	17K6-1251	17K6-1251
DD9	Gasket - Thrust Cover	1	17F11-1441	17F11-1441	17F11-1441
DD10	Gasket - Bearing Inspection Cover	1	17K6-1121	17K6-1121	17K6-1121
DD11	Thermometer Clamping Nut	1	17F9-6131	17F9-6131	17F9-6131
DD12	Thermometer	1	KM11AA-310	KM11AA-310	KM11AA-310
DD13	Worm Wheel (Bronze) Driven Member	1	17F6-1852	17F7-1852	R7-2706
DD14	Pump Shaft	1	17K7-1362	17K7-1362	17K9-1362
DD15	Bushing - Pump Shaft	1	R7-1722	R7-1722	R7-1722
DD16	Locknut for Pump Shaft (LH Thd.)	2	R7-1723	R7-1723	R7-1723



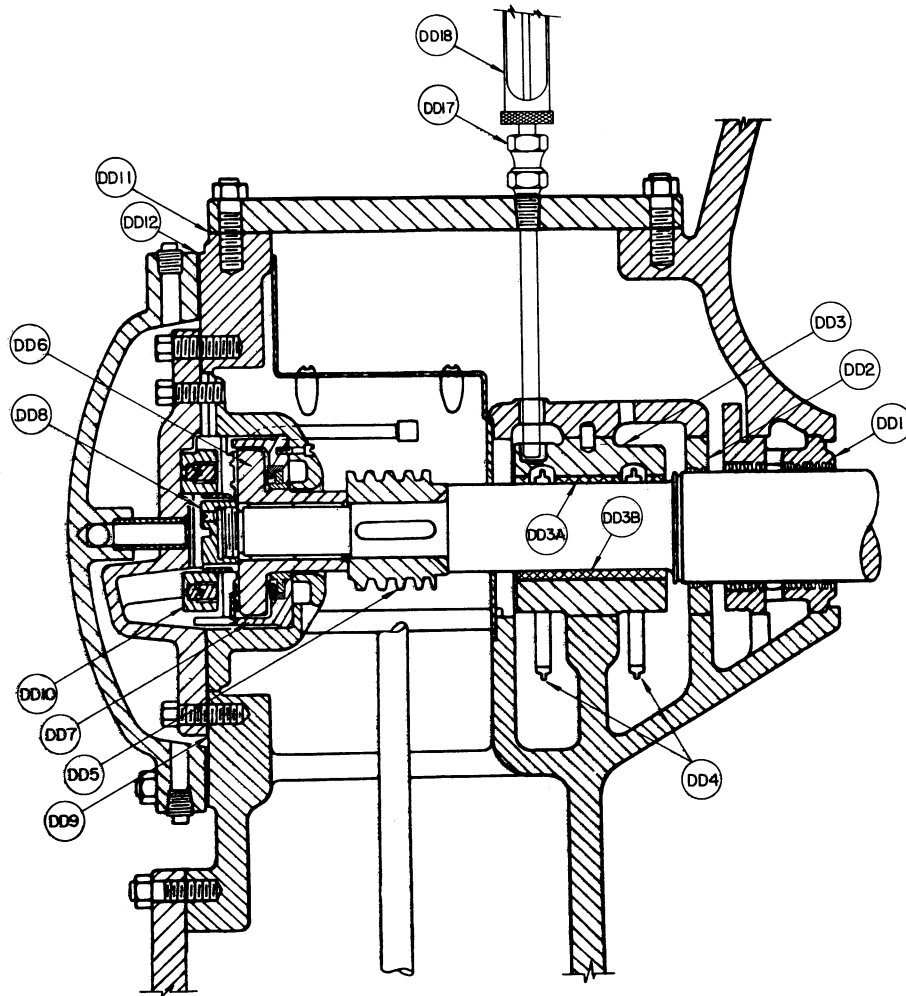
CENTRIFUGAL REFRIGERATION MACHINE

17F

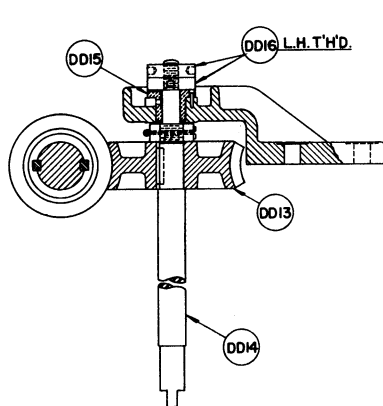
Division: 17F
Group: "DD"

COMPRESSOR THRUST PARTS

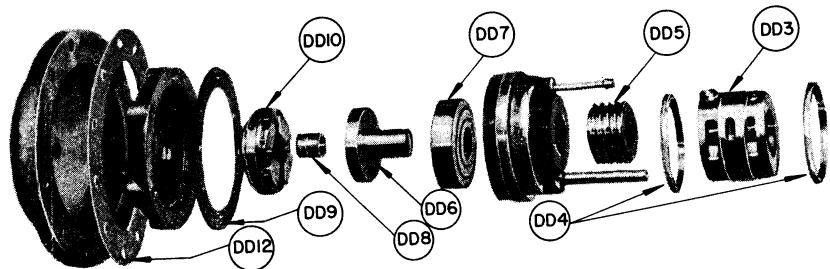
ITEM	DESCRIPTION	QTY.	PART NO. USED ON SIZE	
			11-1/2 BZ	12 BZ
DD1	Shaft Labyrinth	1	17F9-1053	17F9-1053
DD2	Bearing Labyrinth	1	17F11-692	17F11-692
DD3	Thrust Collar (Threaded)	1	17F11-2422	17F11-2422
DD4	Bearing Assembly (Babbitted Type)	1	17F11-383	17F11-383
DD5	Oil Rings - Bearing	2	17F9-822	17F9-822
DD6	Thrust Collar - Keyed	1	17F11-2412	17F11-2412
DD7	Worm (Steel) Drive Member	1	17F9-1342	17F9-1342
DD8	Worm Locknut	2	R7-1715	R7-1715
DD9	Gasket - Thrust Cover	1	17F11-1441	17F11-1441
DD10	Gasket - Bearing Inspection Cover	1	17F9-1121	17F9-1121
DD11	Thermometer Clamping Nut	1	17F9-6131	17F9-6131
DD12	Thermometer	1	KM11AA-310	KM11AA-310
DD13	Worm Wheel (Bronze) Driven Member	1	R7-2706	R7-2706
DD14	Pump Shaft	1	17F9-1362	17F9-1362
DD15	Bushing - Pump Shaft	1	R7-1722	R7-1722
DD16	Locknut for Pump Shaft (LH Thd.)	2	R7-1723	R7-1723



"CZ" AND "DZ" COMPRESSOR THRUST PARTS



OIL PUMP DRIVE



"CZ" AND "DZ" COMPRESSOR THRUST PARTS



CENTRIFUGAL REFRIGERATION MACHINE

17F

Division: 17F
Group: "DD"

COMPRESSOR THRUST PARTS

ITEM	DESCRIPTION	QTY.	PART NO. USED ON SIZE			
			6-1/2 CZ	7-1/2 CZ	8-1/2 CZ	9-1/2 CZ
DD1	Shaft Labyrinth	1	17F6-1053	17F6-1053	17F9-1053	17F9-1053
DD2	Bearing Labyrinth	1	17F6-692	17F6-692	17F9-692	17F9-692
DD3	*Bearing Assembly (Rev.) Includes:	1	17F6-173A	17F6-173A	17F9-173A	17F9-173A
DD3a	Bearing Liner Package	1	17F6-032	17F6-032	17F9-032	17F9-032
DD4	Oil Ring - Bearing	2	17F6-822	17F6-822	17F9-822	17F9-822
DD5	Worm (Steel) Drive Member	1	17F6-1342	17F7-1342	17F9-1342	17F9-1342
DD6	Thrust Disc	1	17F6-1083	17F6-1083	17F9-1083A	17F9-1083A
DD7	+Thrust Hsg. Labyrinth Assy. (Rev.) Includes:	1	17F6-383	17F6-383	17F9-383	17F9-383
DD7a	Thrust Hsg. Floating Ring	1	17F6-2432	17F6-2432	17F9-2432	17F9-2432
DD7b	Thrust Hsg. Fl. Ring Retainer	1	17F6-2422	17F6-2422	17F9-2422	17F9-2422
DD8	Thrust Disc Nut	1	17F6-1251	17F6-1251	17F9-1251	17F9-1251
DD9	Gasket - Thrust Disc Hsg. Cover	1	17F6-5601	17F6-5601	17F9-5601	17F9-5601
DD10	Thrust Bearing Assembly Includes:	1	17F6-A163	17F6-A163	17F8-A163	17F8-A163
DD10a	Thrust Shoe Package	1	17F6-044	17F6-044	17F8-044	17F8-044
DD11	Gasket - Bearing Inspection Cover	1	17F6-1121	17F6-1121	17F9-1121	17F9-1121
DD12	Gasket - Thrust Cover	1	17F6-1441	17F6-1441	17F9-1441	17F9-1441
DD13	Worm Wheel (Brass) Driven	1	17F6-1852	17F6-1852	R7-2706	R7-2706
DD14	Pump Shaft	1	17F6-1362	17F6-1362	17F9-1362	17F9-1362
DD15	Bushing - Pump Shaft	1	R7-1722	R7-1722	R7-1722	R7-1722
DD16	Locknut for Pump Shaft (LH Thd.)	2	R7-1723	R7-1723	R7-1723	R7-1723
DD17	Thermometer Clamp Nut	1	17F9-6131	17F9-6131	17F9-6131	17F9-6131
DD18	Thermometer - Thrust End	1	KM11AA-310	KM11AA-310	KM11AA-310	KM11AA-310

* This revised Bearing is to replace the original babbitted Bearing and uses the Liners as listed directly below the Bearing. For all Compressors with serial numbers below No. 224, order 17F6 or 9-173A once, then only Liners as needed. For all Compressors above serial No. 224, order Liners only.

+ The revised Labyrinth has Floating Seal Ring; the original style did not.



CENTRIFUGAL REFRIGERATION MACHINE

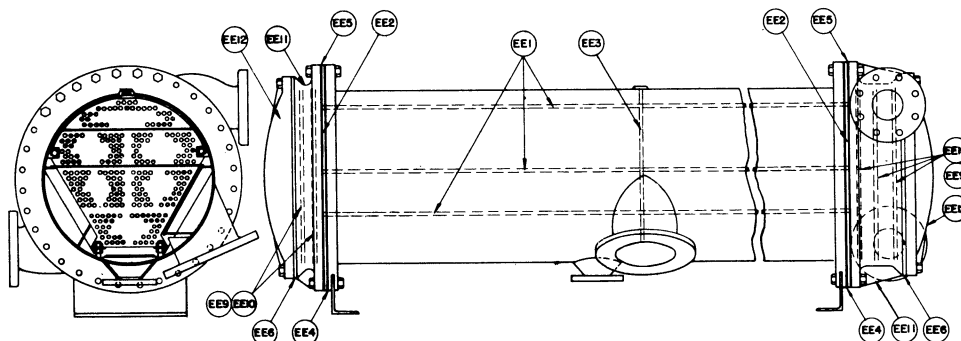
17F

Division: 17F
Group: "DD"

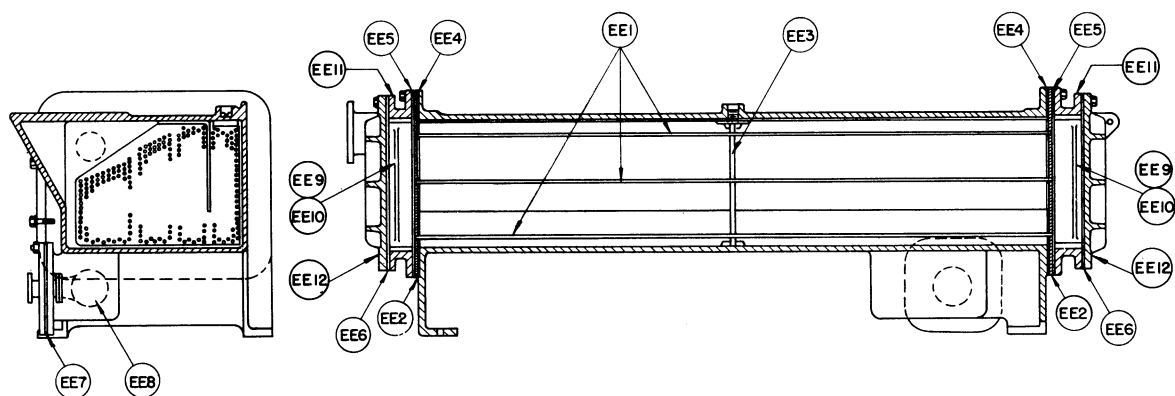
COMPRESSOR THRUST PARTS

ITEM	DESCRIPTION	QTY.	PART NO. USED ON SIZE		
			8-1/2 DZ	9-1/2 DZ	10-1/2 DZ
DD1	*Shaft Labyrinth	1	17F94-1053	17F94-1053	17F104-1053
DD2	Bearing Labyrinth		-	-	-
DD3	Bearing Assembly (Babbitted)	1	17F94-268	17F94-268	17F104-268
DD4	Oil Ring - Bearing	2	17F104-822	17F104-822	17F104-822
DD5	Worm (Steel) Drive Member	1	17F84-1342	17F94-1342	17F104-1342
DD6	Thrust Disc	1	17F104-1083	17F104-1083	17F104-1083
DD7	Thrust Housing	1	17F104-1063	17F104-1063	17F104-1063
DD7a	Thrust Housing Floating Ring	1	17F104-1502	17F104-1502	17F104-1502
DD7b	Thrust Housing Fl. Ring Retainer (LH Thd.)	1	17F104-1402	17F104-1402	17F104-1402
DD8	Thrust Disc Nut (LH Thd.)	1	17F104-1251	17F104-1251	17F104-1251
DD9	Gasket - Thrust Disc Housing Cover	1	17F9-5601	17F9-5601	17F9-5601
DD10	Kingsbury Thrust Bearing	1	17K9-597	17K9-597	17K9-597
DD10a	Includes: Thrust Shoe Package	1	17K9-066	17K9-066	17K9-066
DD11	Gasket - Bearing Inspection Cover	1	17F104-1121	17F104-1121	17F104-1121
DD12	Gasket - Thrust Cover	1	17F9-1441	17F9-1441	17F9-1441
DD13	Worm Wheel (Bronze) Driven Member	1	17F84-3662	17F94-3662	17F104-3662
DD14	Pump Shaft	1	17F104-1362	17F104-1362	17F104-1362
DD15	Bushing - Pump Shaft	1	R7-1722	R7-1722	R7-1722
DD16	Locknuts for Pump Shaft	2	R7-1723	R7-1723	R7-1723
DD17	Thermometer Clamp Nut	1	17F9-6131	17F9-6131	17F9-6131
DD18	Thermometer - Thrust End	1	KM11AA-314	KM11AA-314	KM11AA-314

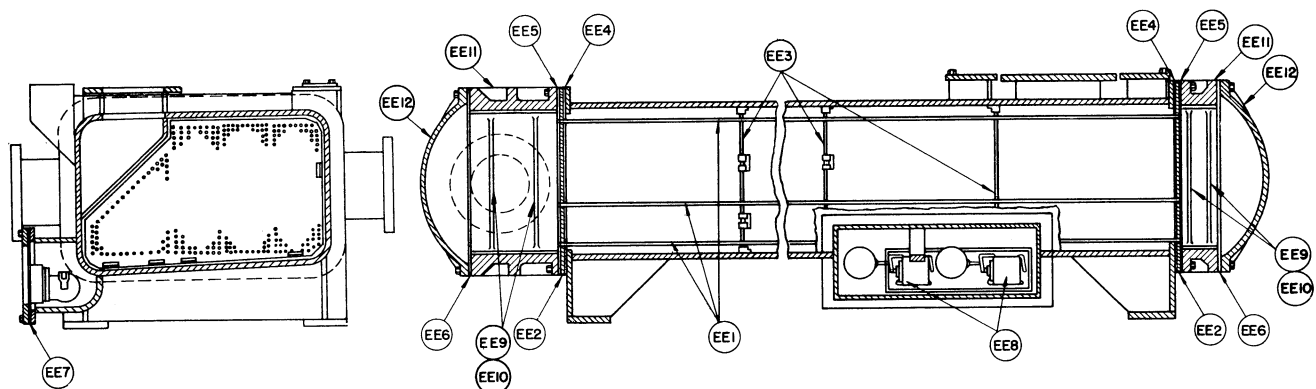
* This Shaft Labyrinth includes the Bearing Labyrinth, thus, omitting Item DD2.



WELDED STEEL CONDENSER #6 1/2



CAST IRON CONDENSERS #7 1/2 THRU #10 1/2



WELDED STEEL CONDENSERS #11 1/2 AND #12 1/2



CENTRIFUGAL REFRIGERATION MACHINE

17F

Division: 17F
Group: "EE"

CONDENSER PARTS

ITEM	DESCRIPTION	QTY.	PART NO. USED ON SIZE			
			6-1/2	7-1/2	8-1/2	9-1/2
EE1	*Tubes (5/8" OD Prime Surface 85/15 Brass) #18 Ga. (.049" Wall) Length Quantity		R5-1057 7'-03/4" 393	R6-1057 9'-03/4" 432	R6-1057 9'-03/4" 612	R9-1057 10'-03/4" 775
EE2	Tube Plate	2	Prices and Catalog Number on Application Only			
EE3	Support Sheet	1 or 2	Prices and Catalog Number on Application Only			
EE4	Gasket - Tube Plate to Shell (Lead)	2	17F6-2372	R7-2052	R8-2052	R9-2052
EE5	Gasket - Tube Plate to Box (Comp.)	2	17F6-2662	R7-2065	R8-2065	R9-2064
EE6	Gasket - Water Box Cover (Comp.)	2	17F6-3172	R7-2037	R8-2037	R9-2028
EE7	Gasket - Liquor Float Valve Cover	1	-	R5-2041	R5-2041	R9-2041
EE8	Float Valve Assembly (Liq. Ret.) Includes:	1	-	17F7-474A	17F7-474A	17F9-474A
EE8a	Float Ball (For Above)	1	-	EC28HZ-036	EC28HZ-036	EC28HZ-042
EE9	+Gasket Material		QR02-2-14	QR02-2-14	QR02-2-14	QR02-2-14
EE10	Division Plates (Water Box)		Prices and Catalog Number on Application Only			
EE11	Water Box		Prices and Catalog Number on Application Only			
EE12	Water Box Covers		Prices and Catalog Number on Application Only			

* Tubes (Including Spares). Tube Plates, Support Sheets, and all necessary Gaskets will be quoted for retubing jobs.

+ For Division Plate Gasket Material (1/4 in. round), order by the running foot. (Used on some machines only.)



CENTRIFUGAL REFRIGERATION MACHINE

17F

Division: 17F
Group: "EE"

CONDENSER PARTS

ITEM	DESCRIPTION	QTY.	PART NO. USED ON SIZE			
			10-1/2	#11-1/2 T.S.	11-1/2 REG.	12-1/2
EE1	*Tubes (5/8" OD Prime Surface 85/15 Brass) #18 Ga. (.049" Wall) Length Quantity		R9-1057 10'-03/4" 1101	R10-1057 12'-03/4" 1300	R10-1057 12'-03/4" 1300	R10-1057 12'-03/4" 1838
EE2	Tube Plate	2	Prices and Catalog Number on Application Only			
EE3	Support Sheet	2 or 3	Prices and Catalog Number on Application Only			
EE4	Gasket - Tube Plate to Shell (Lead)	2	R10-2052	17F114-2372	17F12-2372	17F12-2372
EE5	Gasket - Tube Plate to Box (Comp.)	2	R10-2065	17F114-2662	17F12-2662	17F12-2662
EE6	Gasket - Water Box Cover (Comp.)	2	R10-2037	17F114-2662	17F12-2662	17F12-2662
EE7	Gasket - Liquor Float Valve Cover	1 or 2	R9-2041	17F12-2562	17F12-2562	17F12-2562
EE8	Float Valve Assembly (Liq. Ret.) Includes:	1	17F9-474A	-	-	-
EE8a	Float Ball	1	EC28HZ-042	-	-	-
EE8	Float Valve Assembly (Liq. Ret.) Includes:	2	-	17F9-474A	17F9-474A	17F9-474A
EE8a	Float Ball	2	-	EC28HZ-042	EC28HZ-042	EC28HZ-042
EE9	+Gasket Material		QR02-2-14	QR02-2-14	QR02-2-14	QR02-2-14
EE10	Division Plates (Water Box)		Prices and Catalog Number on Application Only			
EE11	Water Box		Prices and Catalog Number on Application Only			
EE12	Water Box Covers		Prices and Catalog Number on Application Only			

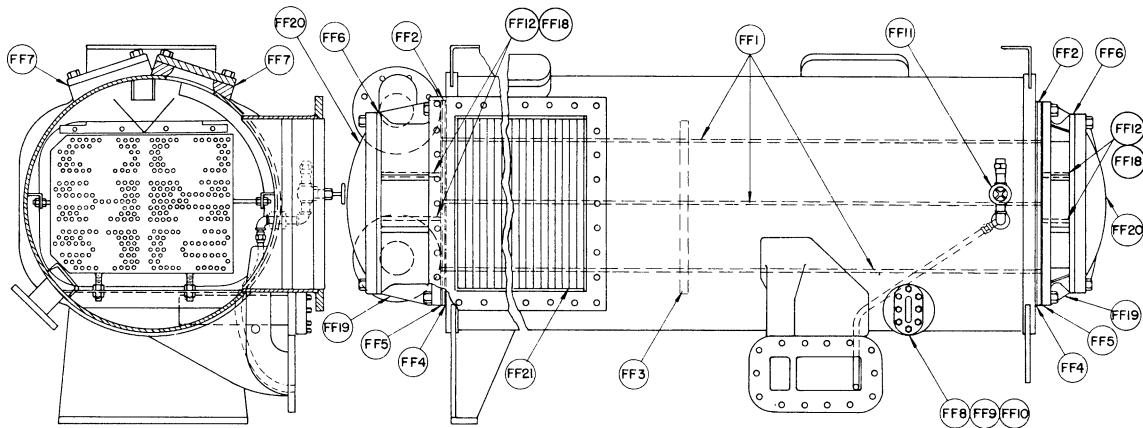
* Tubes (Including Spares). Tube Plates, Support Sheets, and all necessary Gaskets will be quoted for retubing jobs.

+ For Division Plate Gasket Material (1/4 in. round), order by the running foot. (Used on some machines only.)

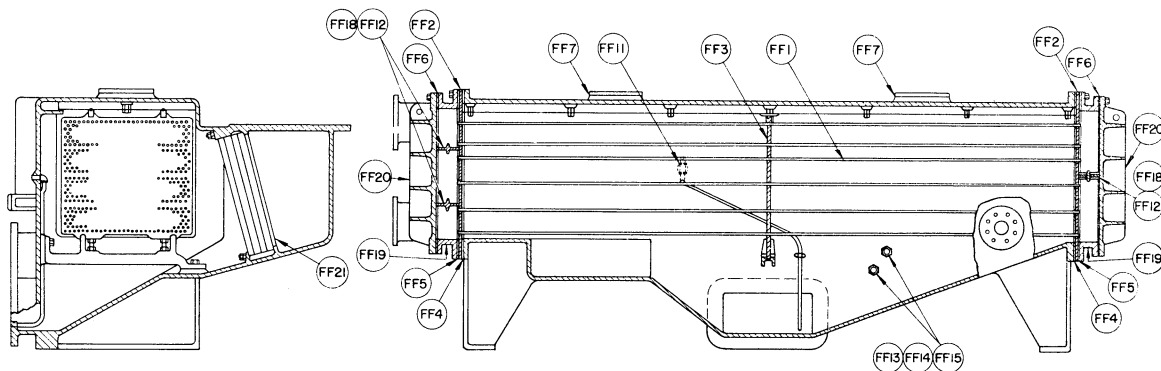
11-1/2 True Size has Tube Plate 32-1/2" x 43-1/2" (for identification purposes).
11-1/2 Reg. Size has Tube Plate 38-1/2" x 58-1/4" (for identification purposes).

CENTRIFUGAL REFRIGERATION MACHINE

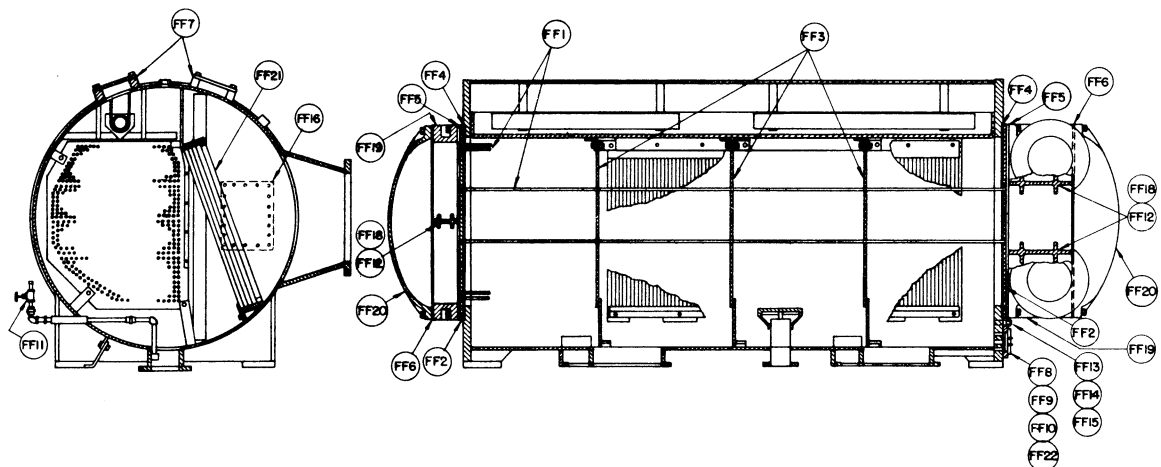
17F



WELDED STEEL COOLER #6 1/2



CAST IRON COOLER #7 1/2 THRU #10 1/2



WELDED STEEL COOLER #11 1/2 AND #12 1/2



CENTRIFUGAL REFRIGERATION MACHINE

17F

Division: 17F
Group: "FF"

COOLER PARTS

ITEM	DESCRIPTION	QTY.	PART NO. USED ON SIZE			
			6-1/2	7-1/2	8-1/2	9-1/2
FF1	*Tubes (5/8" OD Prime Surface 85/15 Brass) #18 Ga. (.049" Wall) Length Quantity		R5-1057 7'-03/4" 472	R6-1057 9'-03/4" 520	R6-1057 9'-03/4" 744	R9-1057 10'-03/4" 938
FF2	Tube Plate	2	Prices and Catalog Numbers on Application Only			
FF3	Support Sheet	1 or 2	Prices and Catalog Numbers on Application Only			
FF4	Gasket - Tube Plate to Shell (Lead)	2	17F6-2582	R7-2027	R8-2027	R9-2027
FF5	Gasket - Tube Plate to Box (Comp.)	2	17F6-2262	R7-2064	R8-2064	R9-2064
FF6	Gasket - Water Box Cover (Comp.)	2	17F6-3162	R7-2028	R8-2028	R9-2028
FF7	Gasket - Hand Hole Cover	2	GE-3607	R5-1055	R5-1055	R5-1055
FF8	Sight Glass (Reflex)	1	17F6-A1161	-	-	-
FF9	Gasket - Ref. Sight Glass (Inner)	1	GE-3822	-	-	-
FF10	Gasket - Ref. Sight Glass (Outer)	1	GE-3823	-	-	-
FF11	Charging Valve 3/4"	1	ER32BW-090	ER32BW-090	ER32BW-090	ER32BW-090
FF12	+Gasket Material		QR02-2-14	QR02-2-14	QR02-2-14	QR02-2-14
FF13	Sight Glass (Round 2")	2	KM36AW-105	KM36AW-105	KM36AW-105	KM36AW-105
FF14	Gasket	6	-	R5-1004	R5-1004	R5-1004
FF16	Gasket - Insp. Door	-	-	-	-	-
FF17	Discs - For Rupture Valve (Pkg. of 2)	1	R5-010	R5-010	R5-010	R5-010
FF18	Division Plates (For Water Box)		Prices and Catalog Numbers on Application Only			
FF19	Water Boxes		Prices and Catalog Numbers on Application Only			
FF20	Water Box Covers		Prices and Catalog Numbers on Application Only			
FF21	Eliminators		Prices and Catalog Numbers on Application Only			

* Tubes (Including Spares). Tube Plates, Support Sheets, and all necessary Gaskets will be quoted for retubing jobs.

+ For Division Plate Gasket Material (1/4 in. round), order by the running foot.



CENTRIFUGAL REFRIGERATION MACHINE

17F

Division: 17F
Group: "FF"

COOLER PARTS

ITEM	DESCRIPTION	QTY.	PART NO. USED ON SIZE			
			10-1/2	#11-1/2 T.S.	11-1/2 REG.	12-1/2
FF1	*Tubes (5/8" OD Prime Surface 85/15 Brass) #18 Ga. (.049" Wall) Length Quantity		R9-1057 10'-03/4" 1316	R10-1057 12'-03/4" 1555	R10-1057 12'-03/4" 1555	R10-1057 12'-03/4" 2198
FF2	Tube Plate	2	Prices and Catalog Numbers on Application Only			
FF3	Support Sheet	2 or 3	Prices and Catalog Numbers on Application Only			
FF4	Gasket - Tube Plate to Shell (Lead)	2	R10-2027	17F114-2582	17F12-2582	17F12-2582
FF5	Gasket - Tube Plate to Box (Comp.)	2	R10-2064	17F114-2262	17F12-2262	17F12-2262
FF6	Gasket - Water Box Cover (Comp.)	2	R10-2028	17F114-2262	17F12-2262	17F12-2262
FF7	Gasket - Hand Hole Cover	2	R5-1055	-	-	-
FF7	Gasket - Hand Hole Cover	3	-	17F12-3441	17F12-3441	17F12-3441
FF8	Sight Glass (Reflex)	1	-	17M32-1502	17M32-1502	17M32-1502
FF9	Gasket - Reflex Sight Glass	2	-	R7-1729	R7-1729	R7-1729
FF11	Charging Valve (3/4")	1	ER32BW-090	ER32BW-090	ER32BW-090	ER32BW-090
FF12	+Gasket Material		QR02-2-14	QR02-2-14	QR02-2-14	QR02-2-14
FF13	Sight Glass (Round 2")	1	-	KM36AW-105	KM36AW-105	KM36AW-105
FF13	Sight Glass	2	KM36AW-105	-	-	-
FF14	Gasket	3	-	R5-1004	R5-1004	R5-1004
FF14	Gasket	6	R5-1004	-	-	-
FF16	Gasket - Insp. Door	1	-	17F12-2852	17F12-2852	17F12-2852
FF17	Discs - For Rupture Valve (Pkg. of 2)	1	R5-010	R5-010	R5-010	R5-010
FF18	Division Plates (For Water Box)		Prices and Catalog Numbers on Application Only			
FF19	Water Box		Prices and Catalog Numbers on Application Only			
FF20	Water Box Covers		Prices and Catalog Numbers on Application Only			
FF21	Eliminators		Prices and Catalog Numbers on Application Only			
FF22	Gasket - Reflex Sight Glass Body	1	-	R7-2730	R7-2730	R7-2730

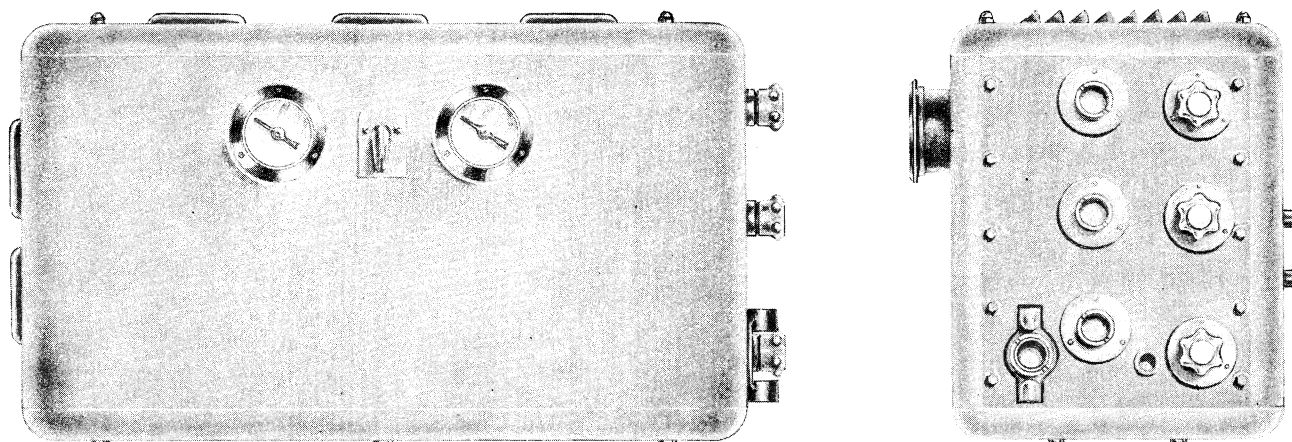
* Tubes (Including Spares). Tube Plates, Support Sheets, and all necessary Gaskets will be quoted for retubing job

+ Used on some of the machines only (sent on retubing jobs). For Division Plate Gasket Material (1/4 in. round), order by the running foot.

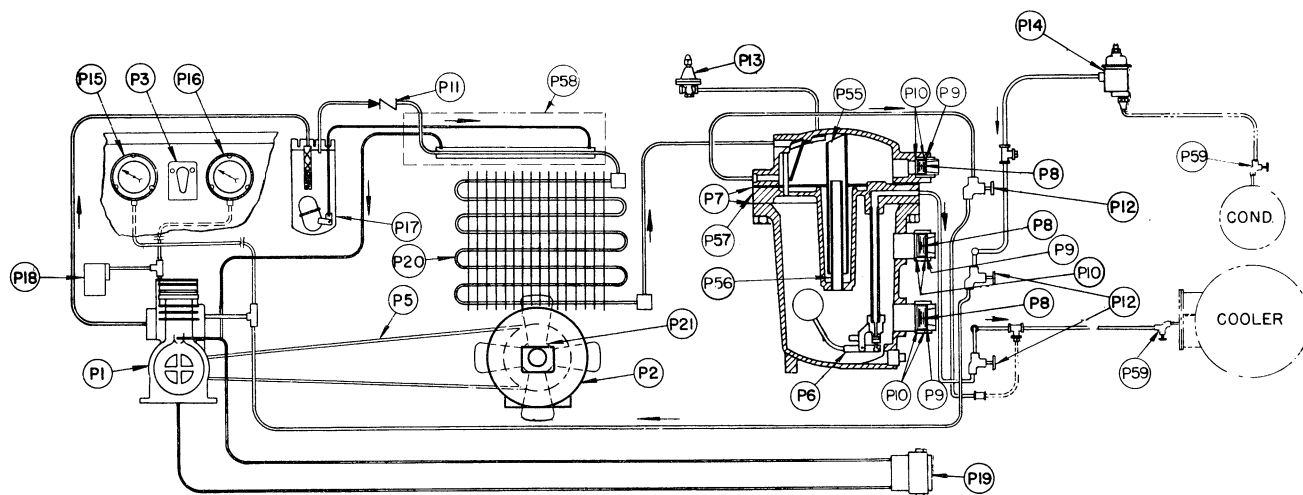
11-1/2 True Size has Tube Plate 40-1/2" x 45-1/2" (For identification purposes).
11-1/2 Reg. Size has Tube Plate 46" x 53-1/2" (For identification purposes).

CENTRIFUGAL REFRIGERATION MACHINE

17F



TYPE "L" PURGE UNIT



TYPE "L" PURGE

DESIGN #1 (PRIOR TO APRIL 1955)



CENTRIFUGAL REFRIGERATION MACHINE

17F

Division: 17F
Group: "P"

REPLACEMENT TYPE L PURGE PARTS

USED PRIOR TO APRIL 1955

ITEM	DESCRIPTION	QTY.	PART NO.
COMPRESSOR GROUP			
P1	Replacement Compressor (Less Flywheel) For Breakdown of Parts, See Pages	1	7L1-A249
ELECTRICAL DRIVE GROUP			
P4	Motor Pulley (For D.C. and 60cy Motors)	1	*17R3-1186
P4	Motor Pulley (For 25 or 50cy Motors)	1	*17R3-1646
P5	"V" Belt (For D.C. or 60cy Motors)	1	KR20BC-040
P5	"V" Belt (For 25 or 50cy Motors)	1	KR20BC-038
AIR CHAMBER GROUP			
P6	Float Valve Assembly	1	17R3-501
-	Includes:		
-	Float Ball	1	EC28HZ-023
-	Seat	1	17R3-1181
-	Plunger	1	19P47-4381
P7	Gasket - Air Chamber (Upper or Lower)	2	17R3-1291
P8	Sight Glass	3	KM36AW-105
P10	Gasket - Sight Glass	6	R5-1004
VALVE AND GAUGE GROUP			
P11	Check Valve Assembly (Superior)	1	EC37GF-001
-	Includes:		
-	Check Valve Seat (Superior)	1	EC39GF-901
-	Check Valve Seat (Jenkins)	1	EC39BZ-005
P12	Line Valve Assembly (Two-way)	3	EP10AA-212
P13	Relief Valve Assembly (Cash 1/2")	1	EB51HH-080
-	Includes:		
-	Relief Valve Diaphragm and Seat	1	EB59HH-001
-	Relief Valve Seat (Neophrene)	1	EB59HH-002
-	Relief Valve Diaphragm Gasket (Upper)	1	EB59HH-003
-	Relief Valve Diaphragm Gasket (Lower)	1	EB59HH-004

* Specify if Motor is over 1/2hp.



CENTRIFUGAL REFRIGERATION MACHINE

17F

Division: 17F
Group: "p"

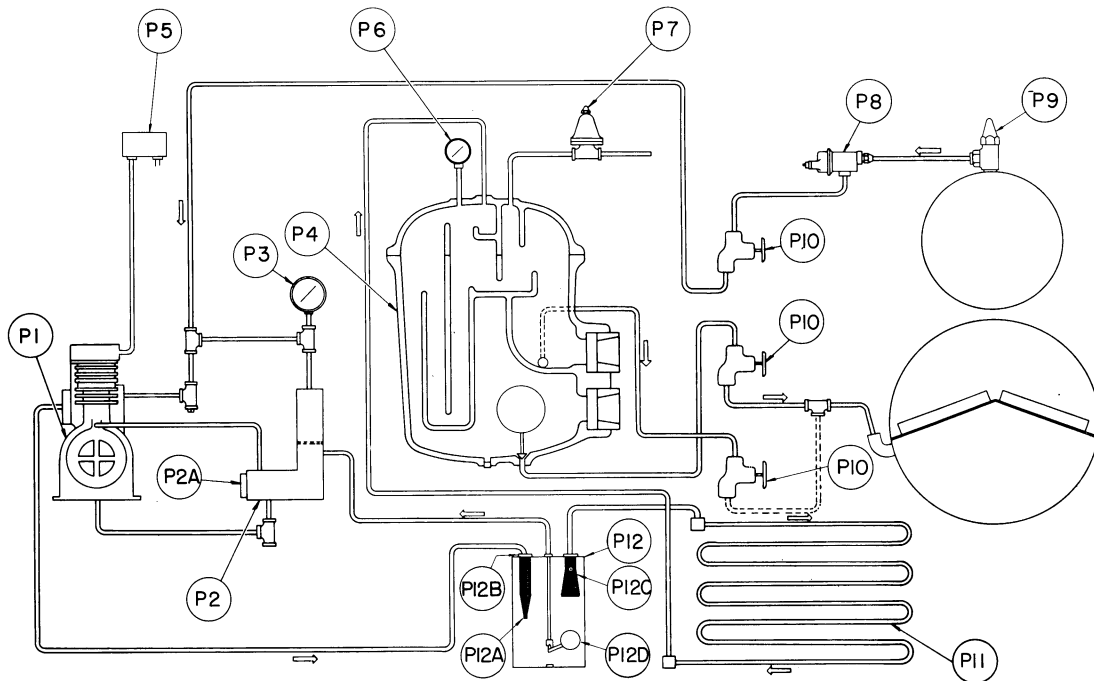
REPLACEMENT TYPE L PURGE PARTS

USED PRIOR TO APRIL 1955

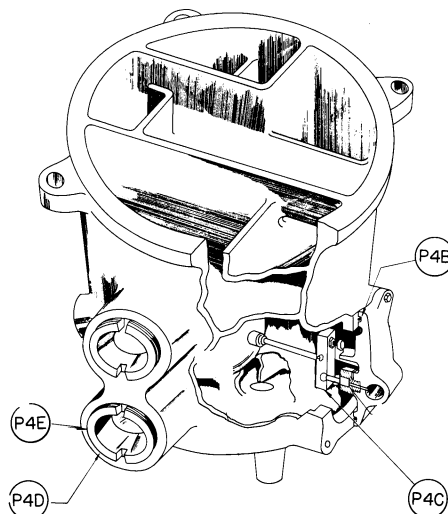
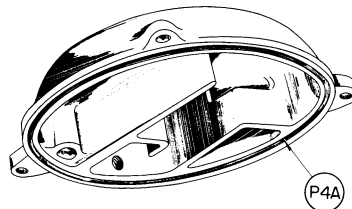
ITEM	DESCRIPTION	QTY.	PART NO.
VALVE AND GAUGE GROUP (CONT'D)			
P14	Pressure Reducing Valve Assembly	1	EB02AD-001
P15	Gauge - Suction Pressure (30" V - 100# P)	1	KM03AQ-350
P16	Gauge - Discharge Pressure (0-100# P)	1	KM03AQ-360
P59	Shut-Off Valve (3/8") Packless	2	EP40CB-150
MISCELLANEOUS PARTS GROUP			
P17	Oil Separator Includes:	1	KH31LZ-006
-	Oil Separator - Inlet Screen	1	KH31LY-001
-	Oil Separator - Outlet Screen	1	KH31LY-002
-	Oil Separator - Head to Shell Gasket	1	KH31LY-003
-	Oil Separator - Float Ball, Arm, Valve, & Seat Assy.	1	KH31LY-004
P18	Cut-Out Switch (High Pressure)	1	HK02DA-051
P19	Compressor Oil Level Sight Glass Assembly	1	17R3-106
	Sight Glass Reflector	1	17R3-1245
	*Sight Glass and Gaskets (Inner and Outer)		
P20	Condenser Assembly (Less Fittings)	1	17R3-347A
P21	Fan Assembly (Motor Pulley)	1	LA01DZ-083
P58	Heat Exchanger Assembly	1	17R3-207A

* Same as P8 and P10.

Division 1 and 2 – Group P



TYPE "L" PURGE



PURGE SEPARATION CHAMBER



CENTRIFUGAL REFRIGERATION MACHINE

17F

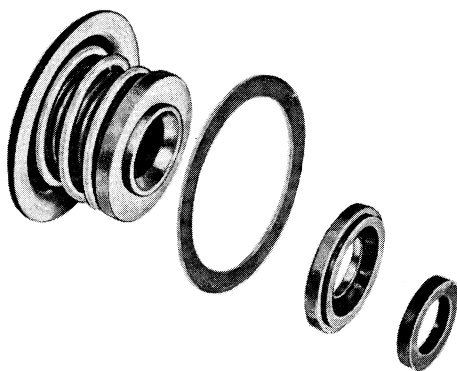
Division: 17F
Group: "P"

REPLACEMENT TYPE L PURGE PARTS

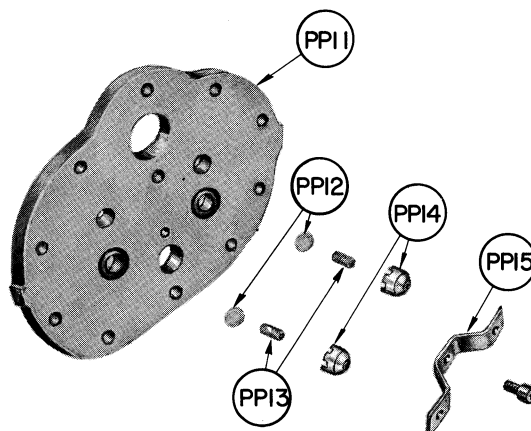
USED AFTER APRIL 1955

ITEM	DESCRIPTION	QTY.	PART NO.
P1	Compressor Assembly (Less Flywheel)	1	7L1-A249
P2	Oil Reservoir	1	17R3-508
P2a	Includes: Sight Glass Assembly	1	17F9-792
NS	Includes: Sight Glass	1	KM36AW-105
NS	Gasket Sight Glass	2	R5-1004
P3	Pressure Gauge - Suction	1	KM03AQ-350
P4	Separation Chamber	1	19P47-153
P4a	Includes: "O" Ring - Purge Pot	1	KK71GW-088
P4b	"O" Ring - Float Valve Cover	1	KK71GZ-038
P4c	Float Valve Assembly	1	19P47-163
-	Consists of:		
-	Plunger	1	19P47-4381
-	Float Ball	1	EC28HZ-023
-	Seat	1	17R3-1181
P4d	Sight Glass	2	KM36AW-105
P4e	Gasket - Sight Glass	4	R5-1004
P5	Hi-Pressure Cut-Out	1	HK02DA-051
P6	Pressure Gauge - Discharge	1	KM01AQ-360
P7	Relief Valve	1	EB51HH-080
P8	Reducing Valve	1	EB02AD-001
P9	Angle Valve	1	EP22LA-210
P10	Diaphragm Valve	3	EP10AA-212
P11	Condenser	1	17R3-347A
P12	Oil Separator Assembly	1	KH31LZ-006
P12a	Includes: Screen (Inlet)	1	KH31LY-001
P12b	Gasket Cover	1	KH31LY-003
P12c	Screen (Outlet)	1	KH31LY-002
P12d	Float Valve	1	KH31LY-004
NS	Belt (For D.C. or 60cy Motors)	1	KR20BC-040
NS	Belt (For 25 or 50cy Motors)	1	KR20BC-041

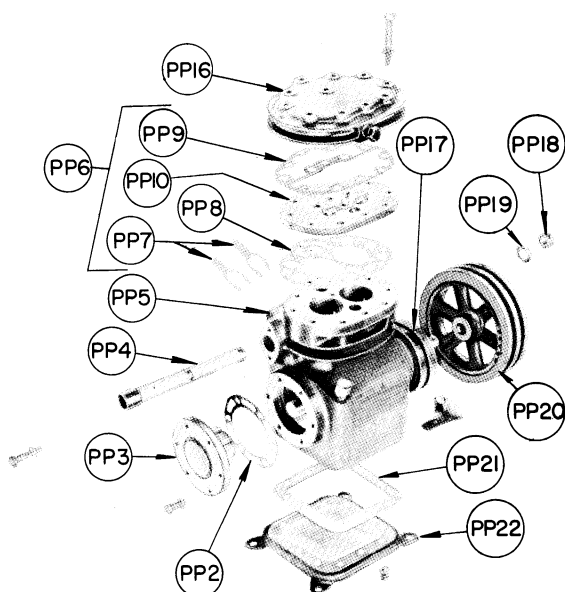
Division 1 and 2 – Group PP



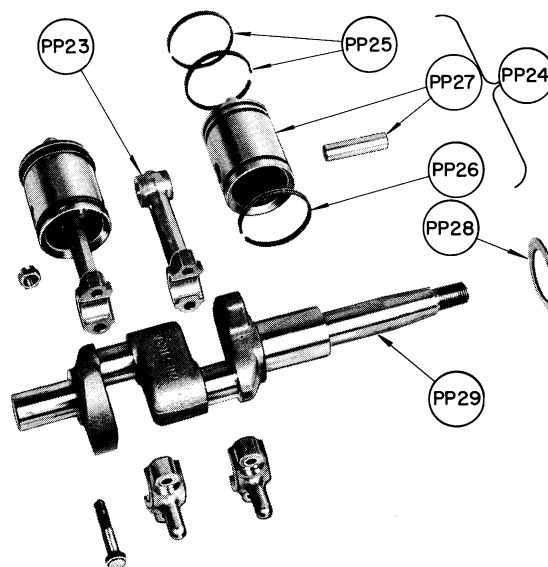
SEAL REPLACEMENT PACKET
(INCLUDING GASKET)



DISCHARGE VALVE PLATE ASSEMBLY



PURGE COMPRESSOR PARTS





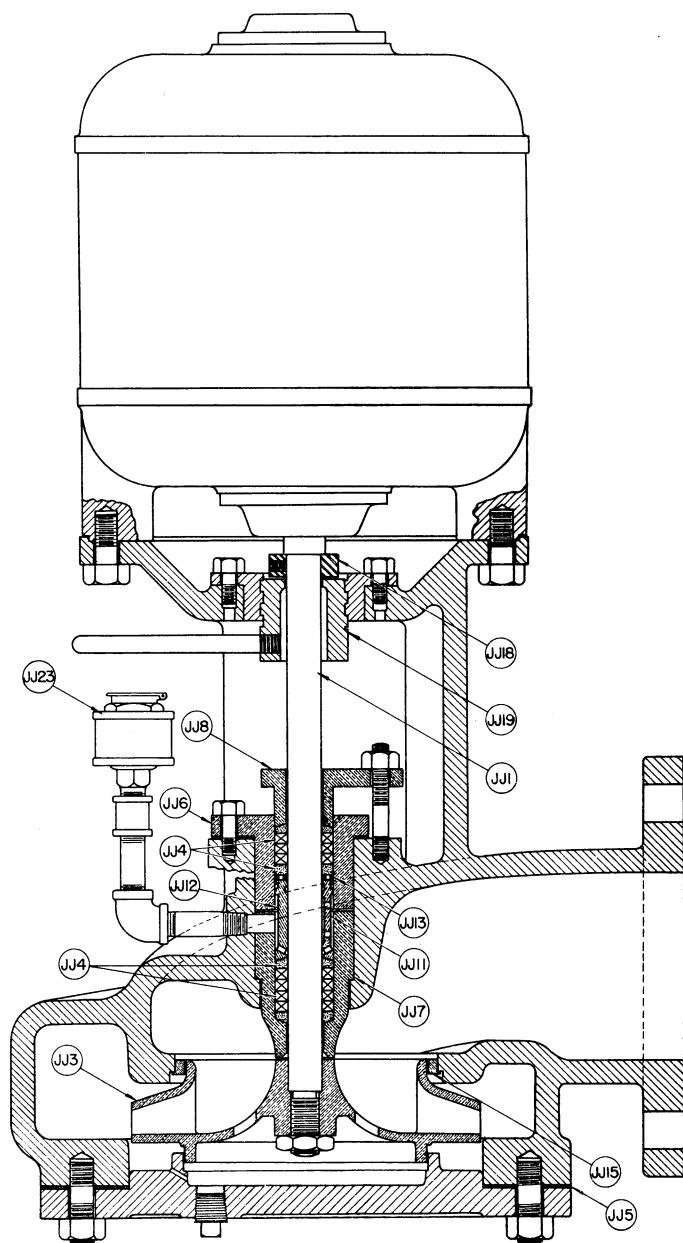
CENTRIFUGAL REFRIGERATION MACHINE

17F

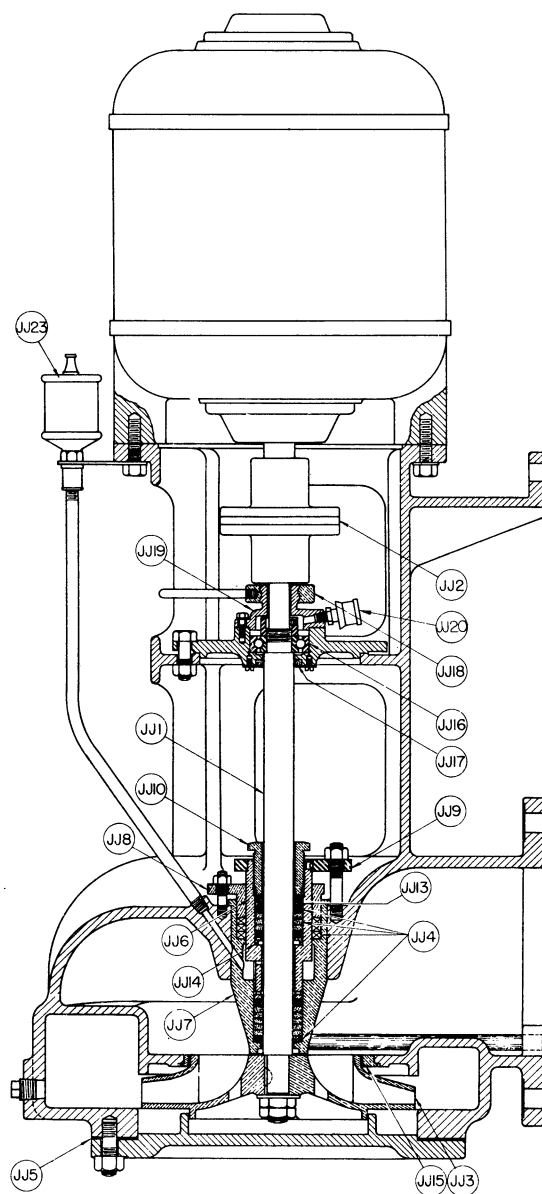
Division: 17F
Group: "PP"

PURGE COMPRESSOR PARTS

ITEM	DESCRIPTION	QTY.	PART NO.
P1	Replacement Compressor (Less Flywheel)	1	7L1-A249
PP2	Gasket - Crankcase End Cover	1	7H1-1192A
PP3	Crankcase End Cover	1	7H1-0032A
PP4	Suction Screen	1	7L1-792
PP5	Crankcase	1	7L1-0019A
PP6	Valve Plate and Gasket Package	1	7L1-371
	Includes:		
PP7	Suction Valve	2	7L1-8452
PP8	Gasket - Lower	1	7L1-1132
PP9	Gasket - Upper	1	7L1-1122
PP10	Valve Plate Assembly	1	7L1-586
	Includes:		
PP11	Valve Plate	1	7L1-8512
PP12	Valve Disc	2	7J1-8462
PP13	Valve Spring	2	7J1-8502
PP14	Valve Guide	2	7J1-8482
PP15	Valve Guide Clamp	1	7L1-8712
PP16	Cylinder Head	1	7L1-8423
PP17	Seal Replacement Package	1	7F0-926
PP18	Flywheel Locknut	1	AT21AA-302
PP19	Flywheel Washer	1	AU02AA-301
PP20	Flywheel (8" Dia.)	1	7H1-0132A
PP21	Gasket - Bottom Plate	1	7J1-3982
PP22	Bottom Plate	1	7J1-3972
PP23	Connecting Rod Assembly	2	7L1-187
PP24	Piston Ring Package	1	7H1-457
	Includes:		
PP25	Piston Ring (Upper)	4	7H1-0082
PP26	Piston Ring (Lower)	2	7H1-1952
PP27	Piston and Pin Assembly (Less Rings)	2	7L1-846
PP28	Crankshaft Washer	1	7H1-2172
PP29	Crankshaft	1	7H1-2163A
-	Compressor Repair Package (Includes: PP7, 8, 9, 12, 13, 21, PP24, and P12)	1	7L1-411
-	Compressor Gasket Package	1	7L1-A152



2" LIQUID PUMP



3" AND 4" LIQUID PUMP



CENTRIFUGAL REFRIGERATION MACHINE

17F

Division: 17F
Group: "JJ"

LIQUID PUMPS

BZ - CZ - DZ

ITEM	DESCRIPTION	QTY.	PART NO.		USED ON COOLER SIZE		
			2"-100 GPM 6-1/2	3"-150 GPM 7-1/2	3"-200 GPM 8-1/2	3"-300 GPM 9 1/2 *11 1/2 *12 1/2	4"-360 GPM 10-1/2
JJ1	Shaft	1	See Note #1	R7-2022	R7-2022	R7-2022	R7-2022
JJ2	Coupling	1	-	KS02GZ-223	KS02GZ-223	KS02GZ-223	KS02GZ-223
JJ3	Impeller	1	R5-3005	R7-3005	R8-3005	R9-3005	R10-3005
JJ4	Packing Set	1	17Q3-401	17Q3-381	17Q3-381	17Q3-381	17Q3-381
JJ5	Gasket - Pump Cover	1	R5-1043	R7-1043	R7-1043	R9-1043	R9-1043
JJ6	Stuffing Box (Upper)	1	R5-2019	R7-2019	R7-2019	R7-2019	R7-2019
JJ7	Stuffing Box (Lower)	1	R5-2020	R7-2020	R7-2020	R7-2020	R7-2020
JJ8	Gland	1	R5-2018	R7-2018	R7-2018	R7-2018	R7-2018
JJ9	Gland Collar	1	-	R7-2024A	R7-2024A	R7-2024A	R7-2024A
JJ10	Gland Nut	1	-	R7-1044	R7-1044	R7-1044	R7-1044
JJ11	Half Bearing - Grooved	1	R5-1038	-	-	-	-
JJ12	Half Bearing - Plain	1	R5-1039	-	-	-	-
JJ13	Collar - Stuffing Box	1	R5-1042	R7-1046	R7-1046	R7-1046	R7-1046
JJ14	Latern Ring	1	-	R7-1047	R7-1047	R7-1047	R7-1047
JJ15	Wearing Ring	1	R5-2021	R7-2021	R8-2021	R9-2021	R10-2021
JJ16	Ball Bearing	1	-	KT01BC-760	KT01BC-760	KT01BC-760	KT01BC-760
JJ17	Felt Washer	1	-	AU51HA-481	AU51HA-481	AU51HA-481	AU51HA-481
JJ18	Locking Collar	1	R5-2017	R7-1045	R7-1045	R7-1045	R7-1045
JJ19	Locking Screw	1	R5-1041	R7-2025	R7-2025	R7-2025	R7-2025
JJ20	Grease Cup	1	-	CW01AG-501	CW01AG-501	CW01AG-501	CW01AG-501
JJ21	Gland Pullers	2	-	R7-1050	R7-1050	R7-1050	R7-1050
JJ22	Packing Puller Hooks (Set)	1	17Q3-411	17Q3-411	17Q3-411	17Q3-411	17Q3-411
JJ23	Oil Cup	1	CW51EG-601	CW51EG-601	CW51EG-601	CW51EG-601	CW51EG-601

Note #1: For 23-7/8" lg. Shaft, the part number is R5-2022A-1.
For 25-3/8" lg. Shaft, the part number is R5-2022A.

* Two Pumps are used on 11-1/2 and 12-1/2 Coolers.



CENTRIFUGAL REFRIGERATION MACHINE

17F

Division: 17F
Group: "LL"

MISCELLANEOUS ITEMS

1. Refrigerants and Oils

PS06AD-200	Carrene #11 (Carrene #2) 200# Drum
PP45EB-405	Oil, Heavy Medium (5-Gallon Can)
PP45EB-402	Oil, Heavy Medium (1-Quart Can)

2. Shim Plates, Shim Stock

17M30-432	Shim Plate Set (1 each, Steel Plates 2" x 4" x 1/8 - 1/4 - 1/2 and 1" thick)
17M30-442	Shim Plate Set (1 each Brass Sheets 8" x 36" x 1/16" - 1/32" - 1/64" - .010" and .005" thick)
R5-1123	Taper Wedge

3. Tools

T11488C	Hand Pointing Tool (Set of 3 Pieces) For Brass Labyrinths
KC21AH-005	Tube Cleaning Brush (Nylon) For 5/8" Prime Surface Tubes
17M30-422	Coupling Puller Set (For B and H #1-1/2 and #2 Couplings)
17M50-422	Coupling Puller Set (For B and H #2-1/2, #3, and #3-1/2 Couplings)

4. *Gasket Material

ZA0024-3255	1/32" x 60" x 60"
ZA0024-32510	1/32" x 60" x 120"
ZA0024-1655	1/16" x 60" x 60"

* Sold only in sheet sizes shown.

5. Packing Rings for Damper and Bypass Shafts

(Order 8 each of both the hard and soft
Rings according to the Shaft size.)

<u>Part No.</u>	<u>Ring Size</u>	<u>Shaft Size</u>	<u>Type</u>
KK72EZ-106	2" x 1-1/4" x 3/8"	1-1/4"	Hard
KK71EZ-106	2" x 1-1/4" x 3/8"	1-1/4"	Soft
KK72EZ-084	1-1/2" x 1" x 1/4"	1"	Hard
KK71EZ-084	1-1/2" x 1" x 1/4"	1"	Soft
KK72EZ-064	1-1/4" x 3/4" x 1/4"	3/4"	Hard
KK71EZ-064	1-1/4" x 3/4" x 1/4"	3/4"	Soft

Note: Hard Rings are metal and asbestos braided (graphited).
Soft Rings are asbestos braided (graphited).

Part number is for one only.