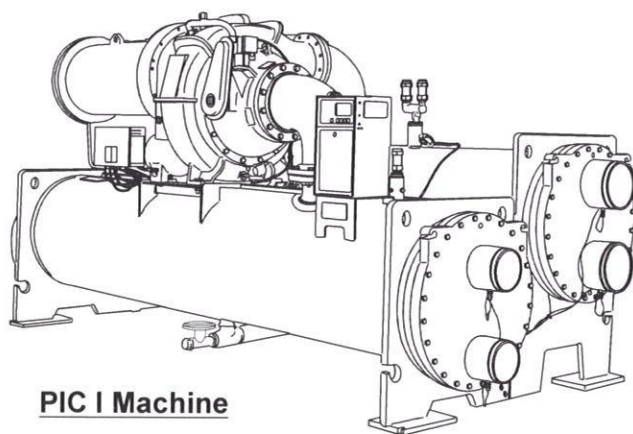
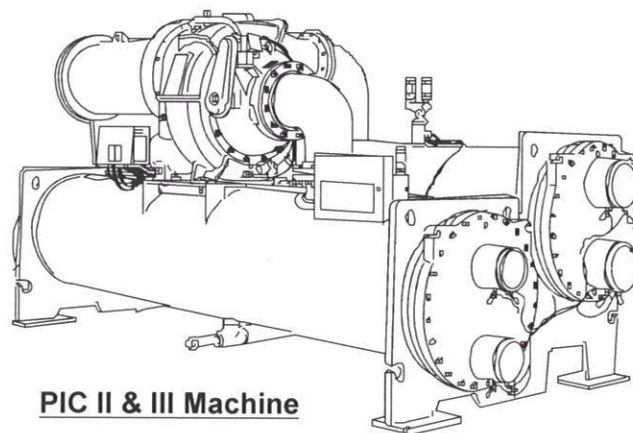


Chillers Built Prior To Serial Number 2511Qnnnnn

This service part guide includes information for the 19XR & 19XRV machines with frame #4 compressor with Oil Film Style Bearings and Frame 5, 6 & 7 Vessels.



PIC I Machine



PIC II & III Machine

How To Use This Catalog

1. This Catalog Presents The Most Commonly Used Specified Replacement Parts For The Standard 19XR Centrifugal Refrigeration Machine And Is Not Applicable To Any Special Order Machines. (Contact Carrier With Machine Serial Number For Any Special Order Machine Parts.)
2. Occasionally, Due To Limitations Of Illustrations Used, A Part May Not Be Illustrated. These Parts Are Identified by "N" In The Column Next To The Item Number.
3. The Following Parts Are Not Listed In This Catalog:
 - A. Impellers, Shrouds, Diffusers
 - B. Compressor Motor (Rotor & Stator)
 - C. Evaporator Tube Part Number
 - D. Condenser Tube Part Number

If Any Of These Parts Are Required, Contact Your RCD Customer Service Representative With The Model Number And Serial Number Of Your Machine.

4. Positive Identification Of Your Machine To Properly Select Parts May Be Done By Referring To Machine Name Plate, See Significance Chart On Page #2 (Graphic 19072002)



Centrifugal Chiller
19XR & 19XRV
Frame #4 Compressor
With Oil Film Style Bearings

19XR

Model Number Significance Chart

1 9 X R - 5 2 5 1 4 7 3 C Q H 6 3 -

Series

Model

VFD Option

(-) = Non VFD

(V) = Variable Frequency Drive

Cooler Code

1st. Digit = Frame Size

Condenser Code

1st. Digit = Frame Size

Frame #4 Compressor

**Note: Machines Built Prior To
Serial Number 2511QXXXXX
Have Oil Film Style Bearings**

Compressor Code

1st. Digit = Frame Size

2nd. Digit =

Number = Compr. W/out SRD

Letter = Compr. With SRD

(SRD = Split Ring Diffuser)

3rd Digit = Wheel Size

Frame 4 compressors have either a
fixed diffuser or split ring diffuser

Motor Voltage Code

50 = 230-3-50

62 = 380-3-60

51 = 346-3-50

63 = 416-3-60

52 = 400-3-50

64 = 460-3-60

53 = 3000-3-50

65 = 575-3-60

54 = 3300-3-50

66 = 2400-3-60

55 = 6300-3-50

67 = 3300-3-60

60 = 200-3-60

68 = 4160-3-60

61 = 230-3-60

69 = 6900-3-60

Motor Size

1st. Digit = Frame Size

Motor Efficiency

H = High Efficiency

S = Standard Efficiency

Water Box Note:

To Determine Water Box Style Used Refer To
Machine Name Plate

Motor Voltage

See Chart For List Of Motor
Voltage Codes

Date Of Manufacture - Serial Number

example....0 1 0 2 Q 1 2 3 4 5

week #1

year 2002

Charlotte

serial number

Special Order Code

"-" = Standard Machine

"S" = Special Order Machine

Release Date 5/10/2021

Catalog no: RCD-3519-072

Catalog no: RCD-3519-072

Revision: A

Revision: -

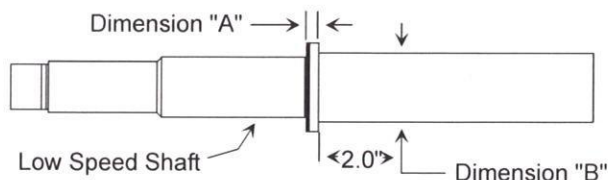


Centrifugal Chiller
19XR & 19XRV
Frame #4 Compressor
With Oil Film Style Bearings

19XR

Low-Speed Labyrinth & Gear Selection Chart

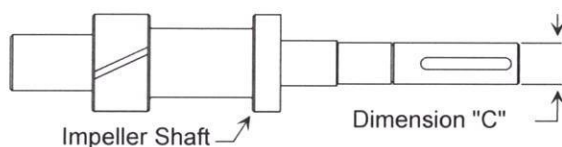
Chart 1



- If Dimension "A" = 1.44" Or 1.50" Use Item #206 For Low Speed Labyrinth
- If Dimension "A" = .50" Check Dimension "B"
- If Dimension "B" = 4.25" Use Item #207 For Low Speed Labyrinth
- If Dimension "B" = 4.50" Or 4.62" Use Item #208 For Low Speed Labyrinth

Impeller Shaft Selection Chart

Chart 2



- If Dimension "C" = 1.37" You Have The Larger Diameter Shaft Which Is A Direct Replacement
- If Dimension "C" = 1.15" You Have The Smaller Diameter Shaft Which Is Not A Direct Replacement And You Must Call Your Carrier (RCD) Representative Refer To Service Bulletin C0107A For More Information

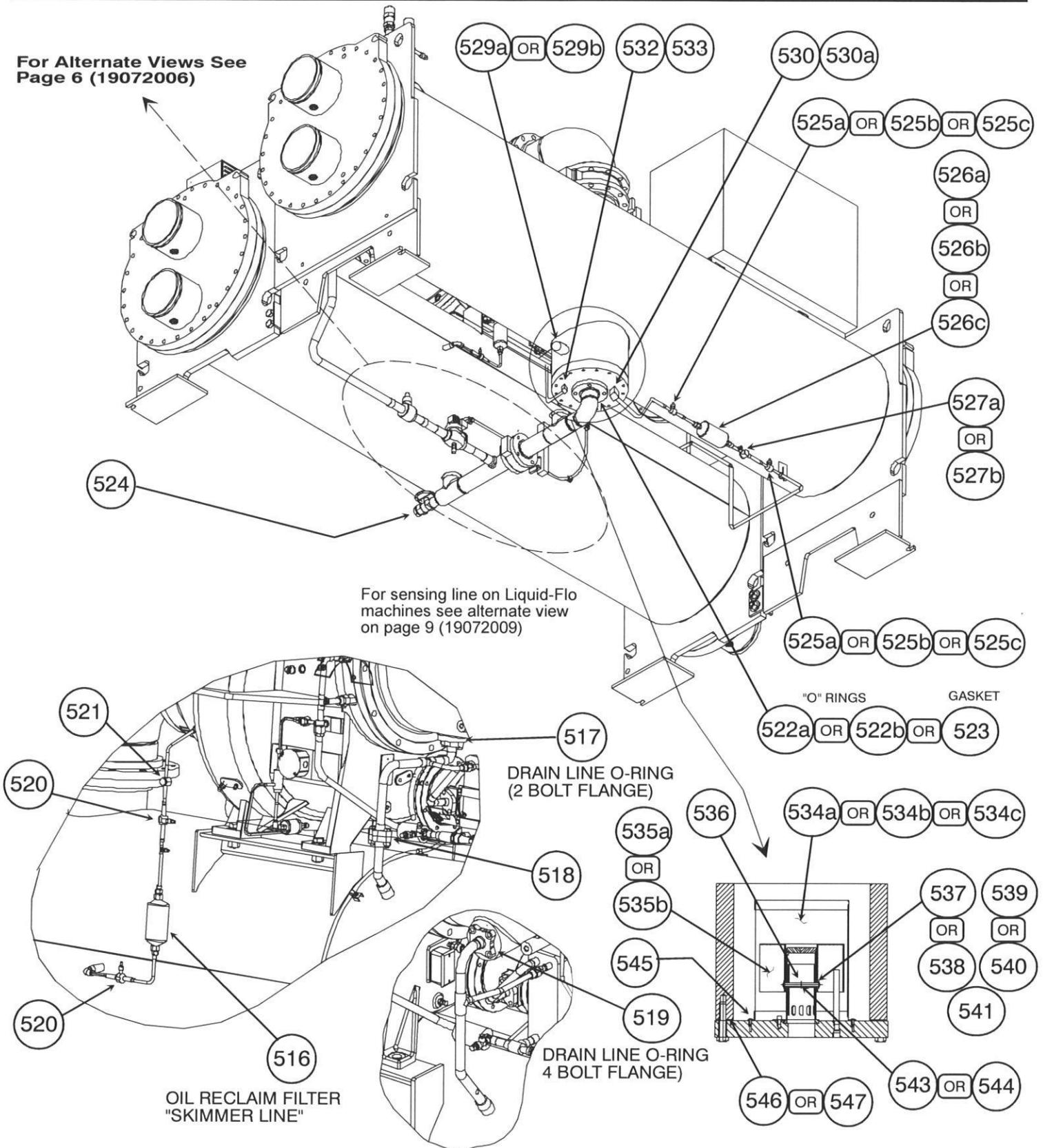
**All Machines built in 1998 and after
have the larger diameter shaft**



Centrifugal Chiller 19XR & 19XRV Frame #4 Compressor With Oil Film Style Bearings

19XR

For Alternate Views See
Page 6 (19072006)



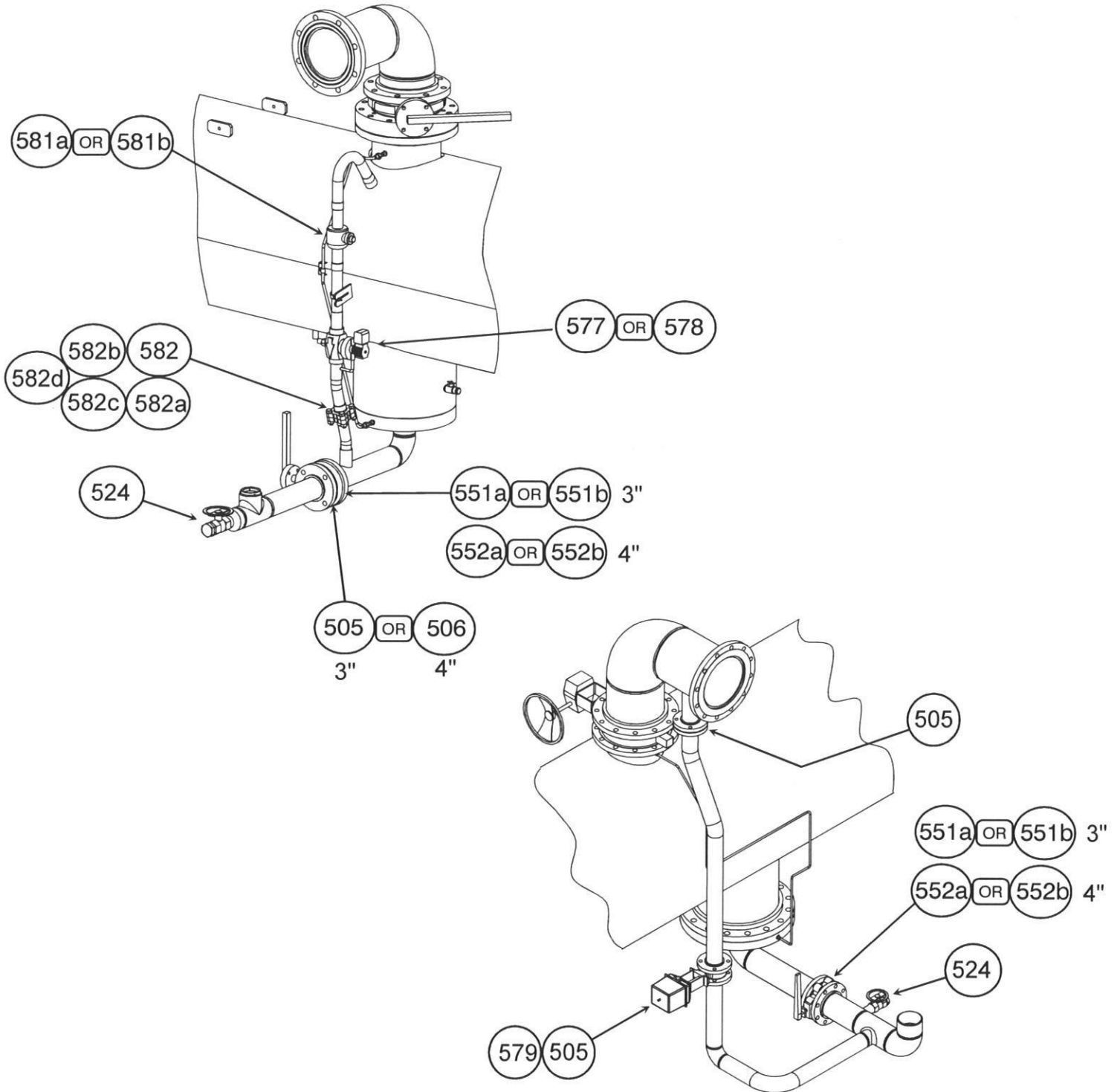
Release Date 5/10/2021

Catalog no: RCD-3519-072

Catalog no: RCD-3519-072

Revision: A

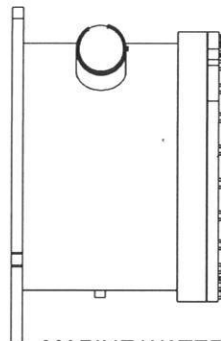
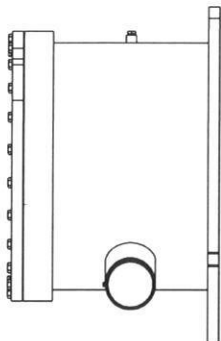
Revision: -



COOLER & CONDENSER VESSEL HEAD & WATERBOX GASKETS

SEE ITEMS

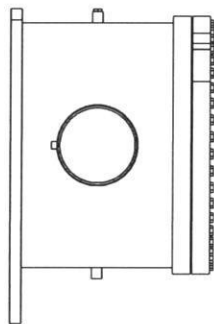
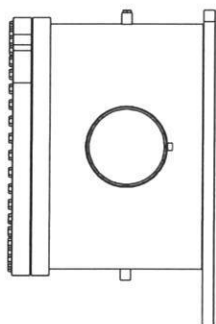
557a THRU 557f
OR
558a THRU 558f



MARINE WATERBOXES
3-PASS

SEE ITEMS

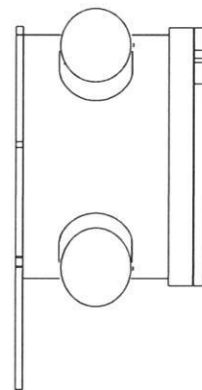
557a THRU 557f
OR
558a THRU 558f



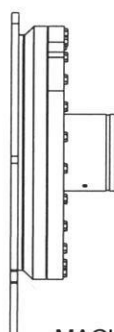
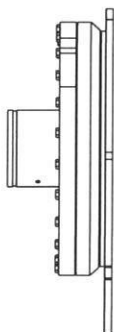
MARINE WATERBOXES
1-PASS

SEE ITEMS

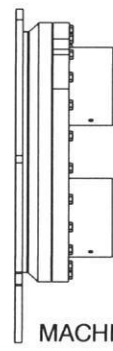
557a THRU 557f
OR
558a THRU 558f



MACHINED HEAD & MARINE WATERBOX
2-PASS



MACHINED HEADS (NIH)
1-PASS



MACHINED HEADS (NIH)
2-PASS

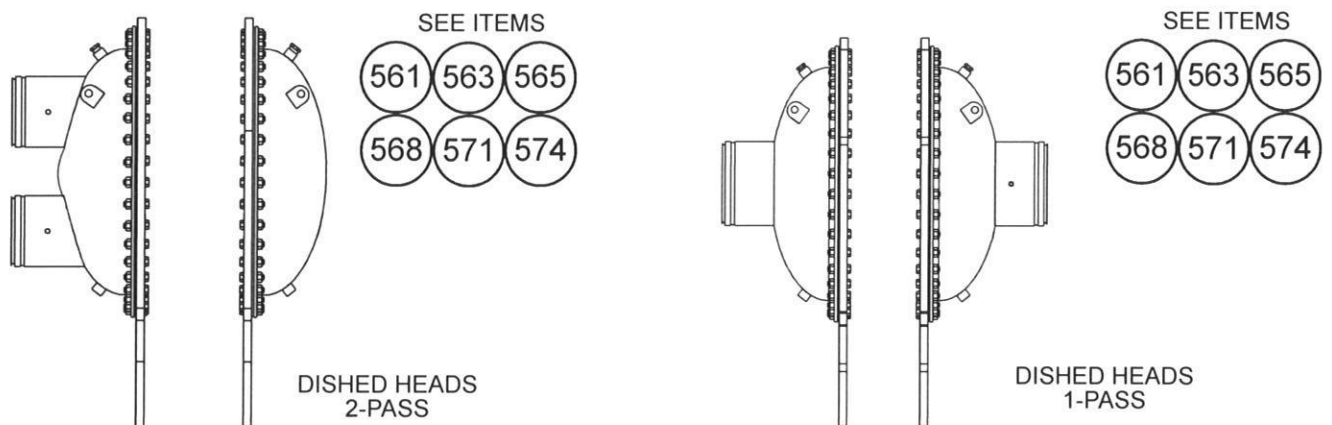
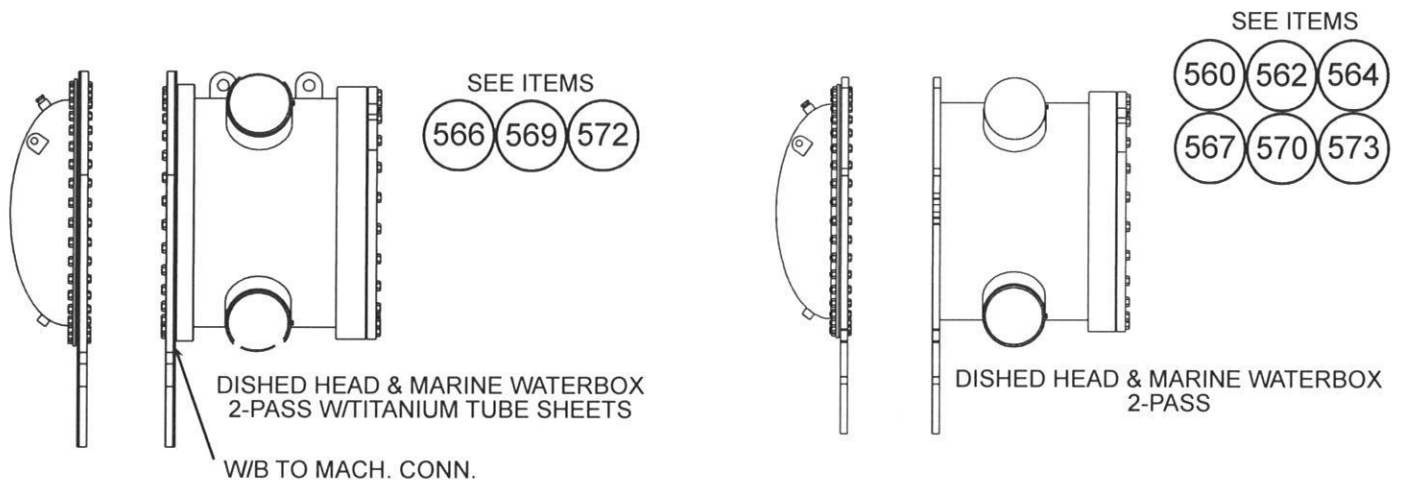
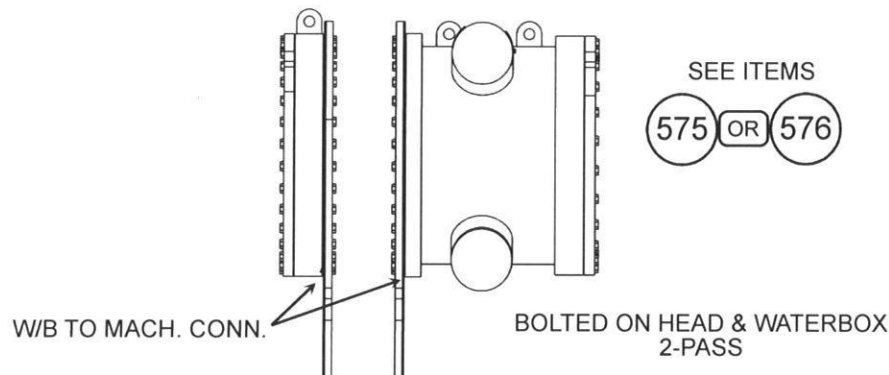
SEE ITEMS

555a THRU 555h
OR
556a THRU 556h

SEE ITEMS

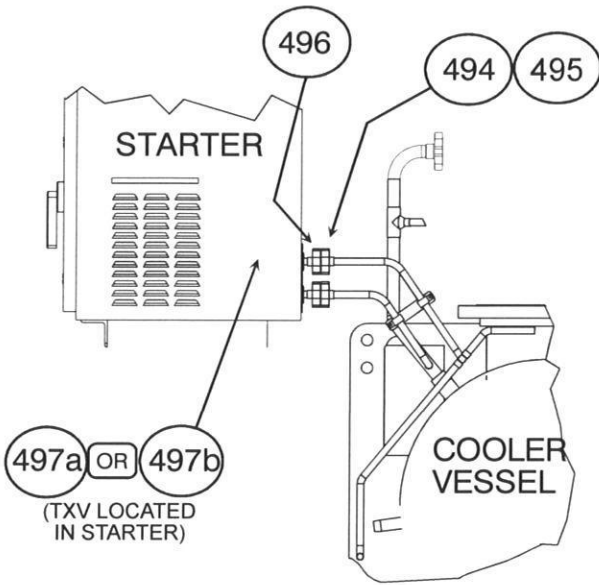
555a THRU 555h
OR
556a THRU 556h

COOLER & CONDENSER VESSEL HEAD & WATERBOX GASKETS

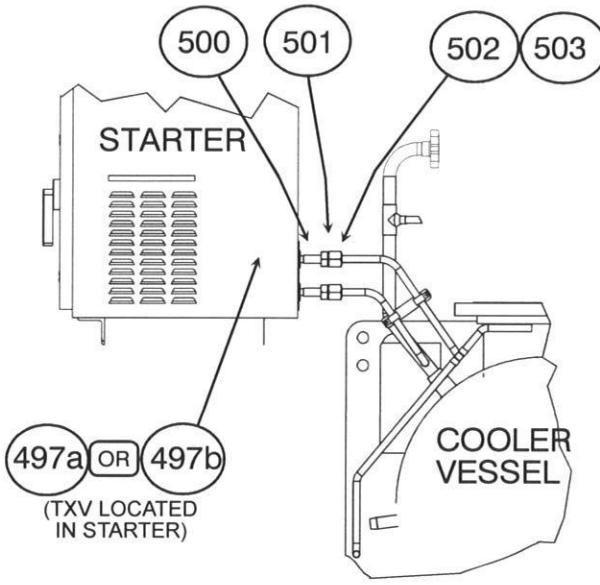


Centrifugal Chiller 19XR & 19XRV Frame #4 Compressor With Oil Film Style Bearings

19XR



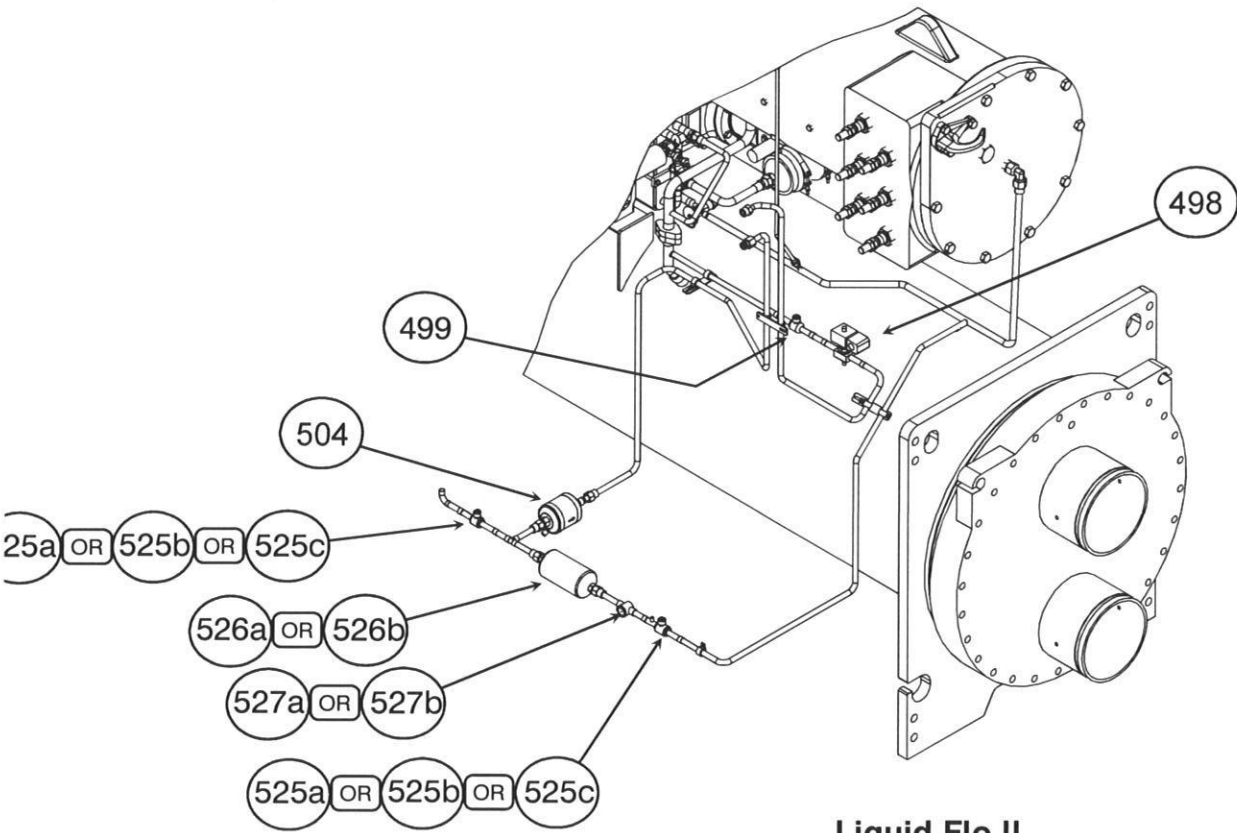
2-BOLT FLANGE CONFIGURATION



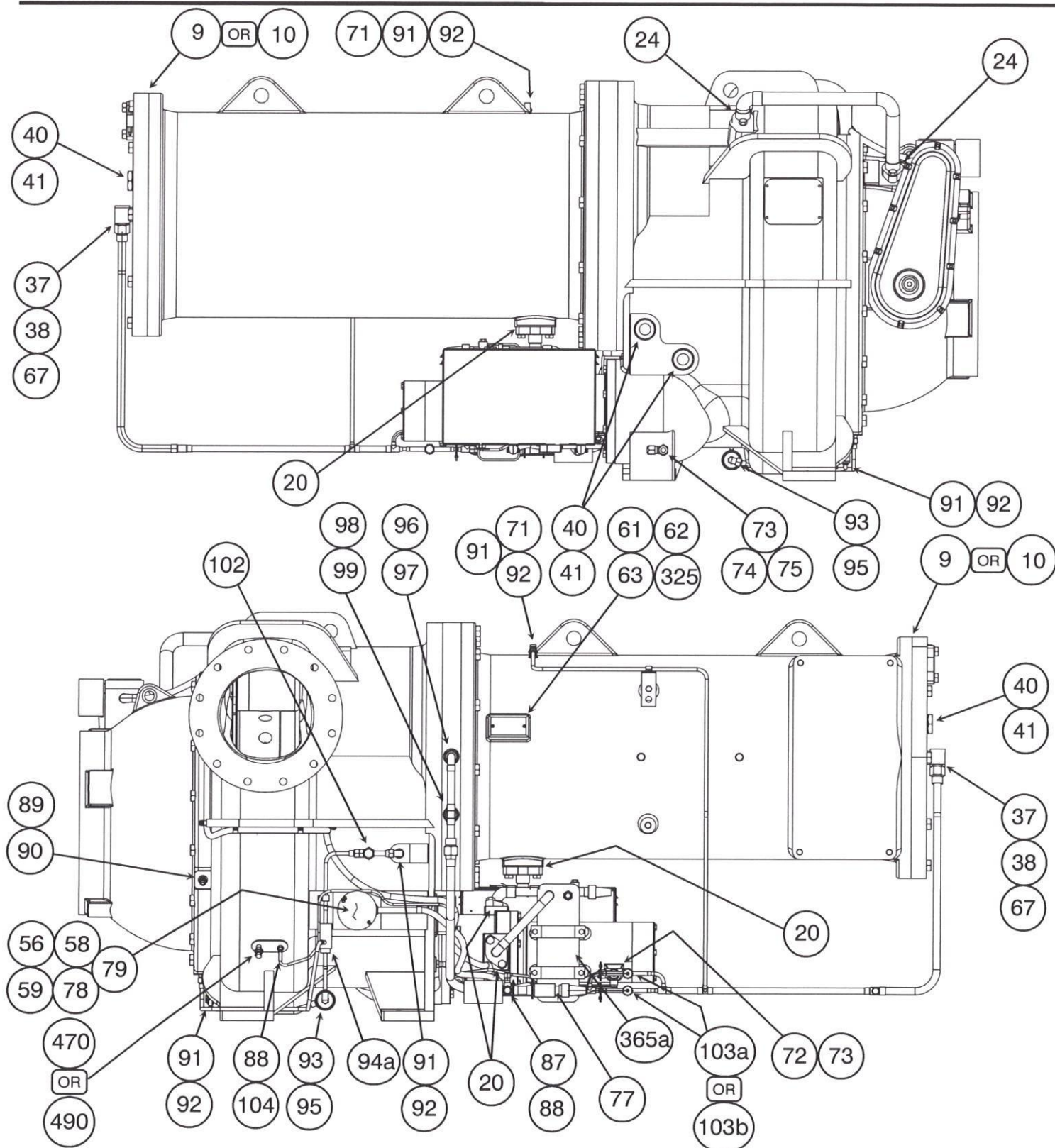
THREADED CONNECTOR CONFIGURATION

19XRV VFD COOLING CONN. (Liquid FLO 1 & FLO 2)

Note: To retrofit cooling line connections to latest design refer to Service Bulletin C0317



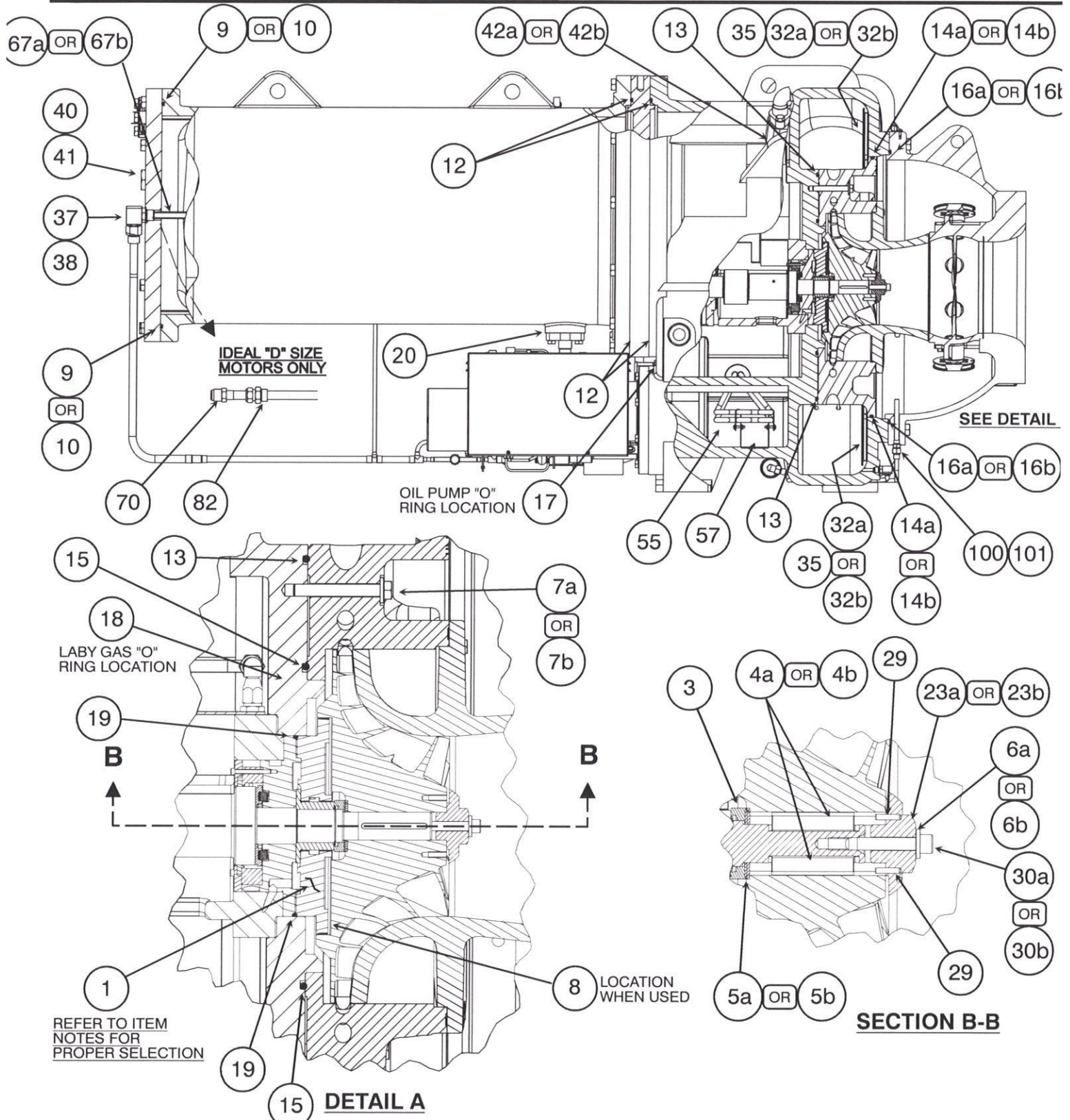
Liquid Flo II



Use For Machines Built Prior To Serial Number 0102Qnnnnn

**Centrifugal Chiller
19XR & 19XRV
Frame #4 Compressor
With Oil Film Style Bearings**

19XR



Use For Machines Built Prior To Serial Number 0102Qnnnnn

Release Date 5/10/2021

Catalog no: RCD-3519-072

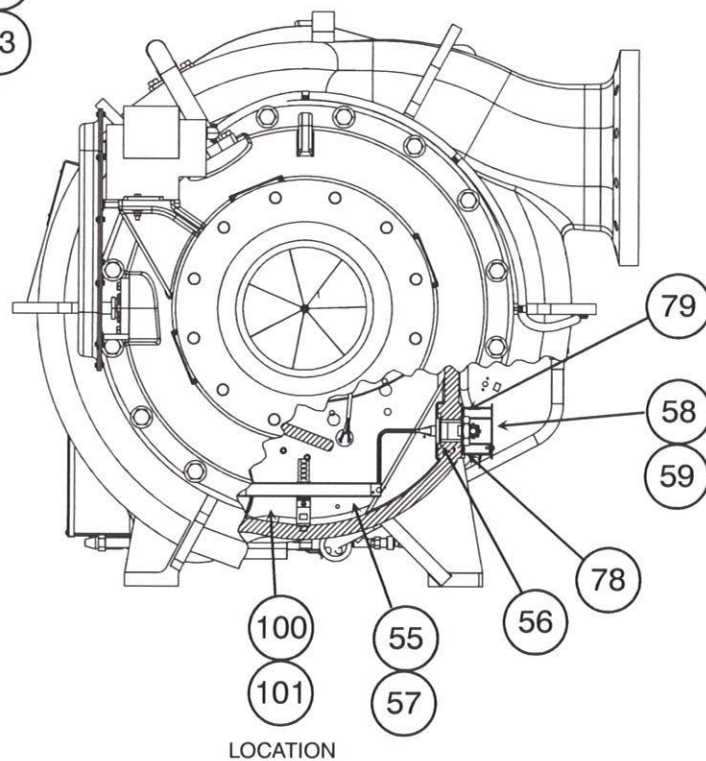
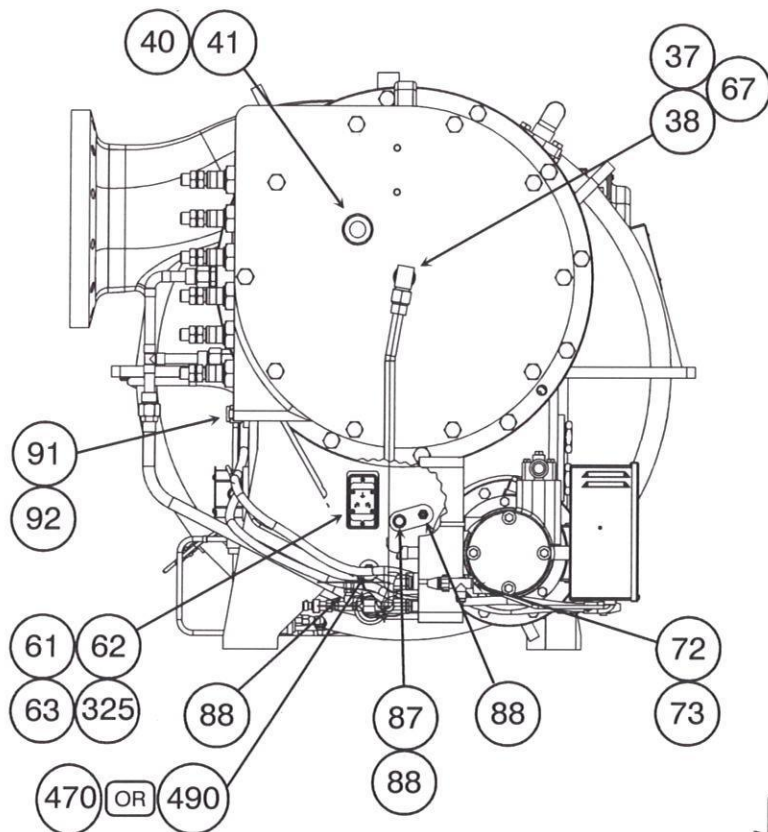
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Revision: A

Revision: -

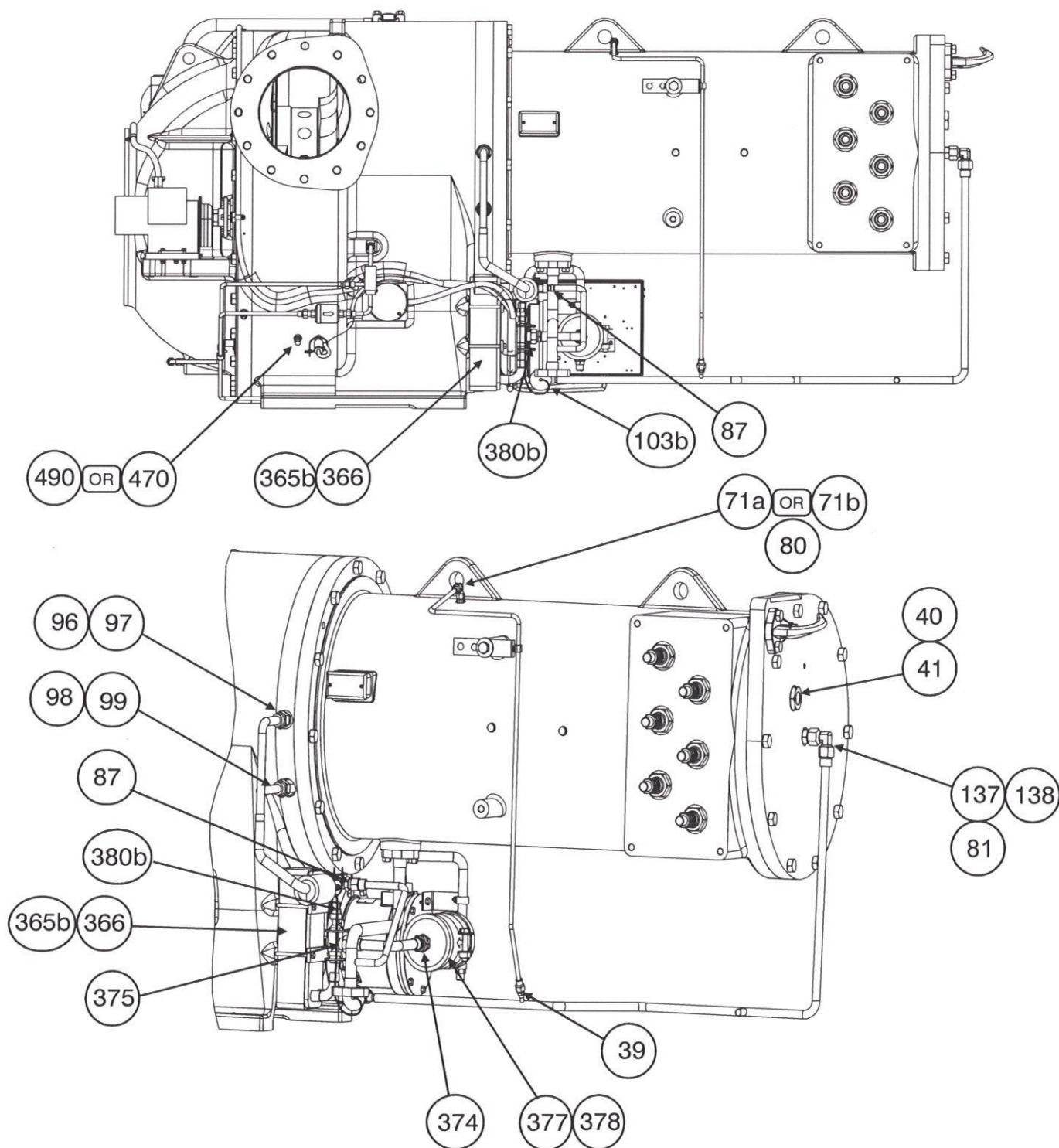
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Graphic 19072011



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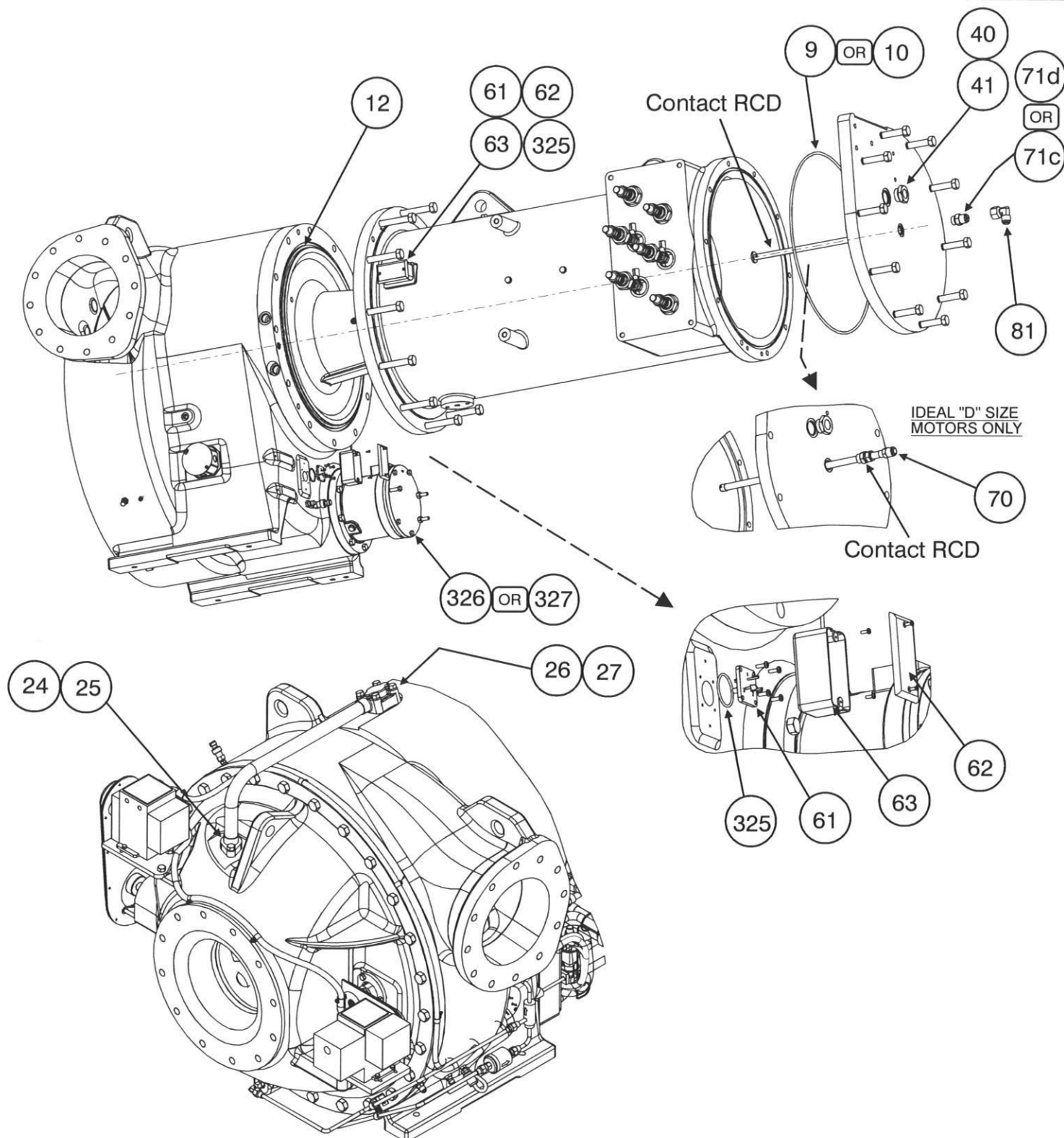
Use For Machines Built Prior To Serial Number 0102Qnnnnnn



Use For Machines Built After Serial Number 0102Qnnnnn

**Centrifugal Chiller
19XR & 19XRV
Frame #4 Compressor
With Oil Film Style Bearings**

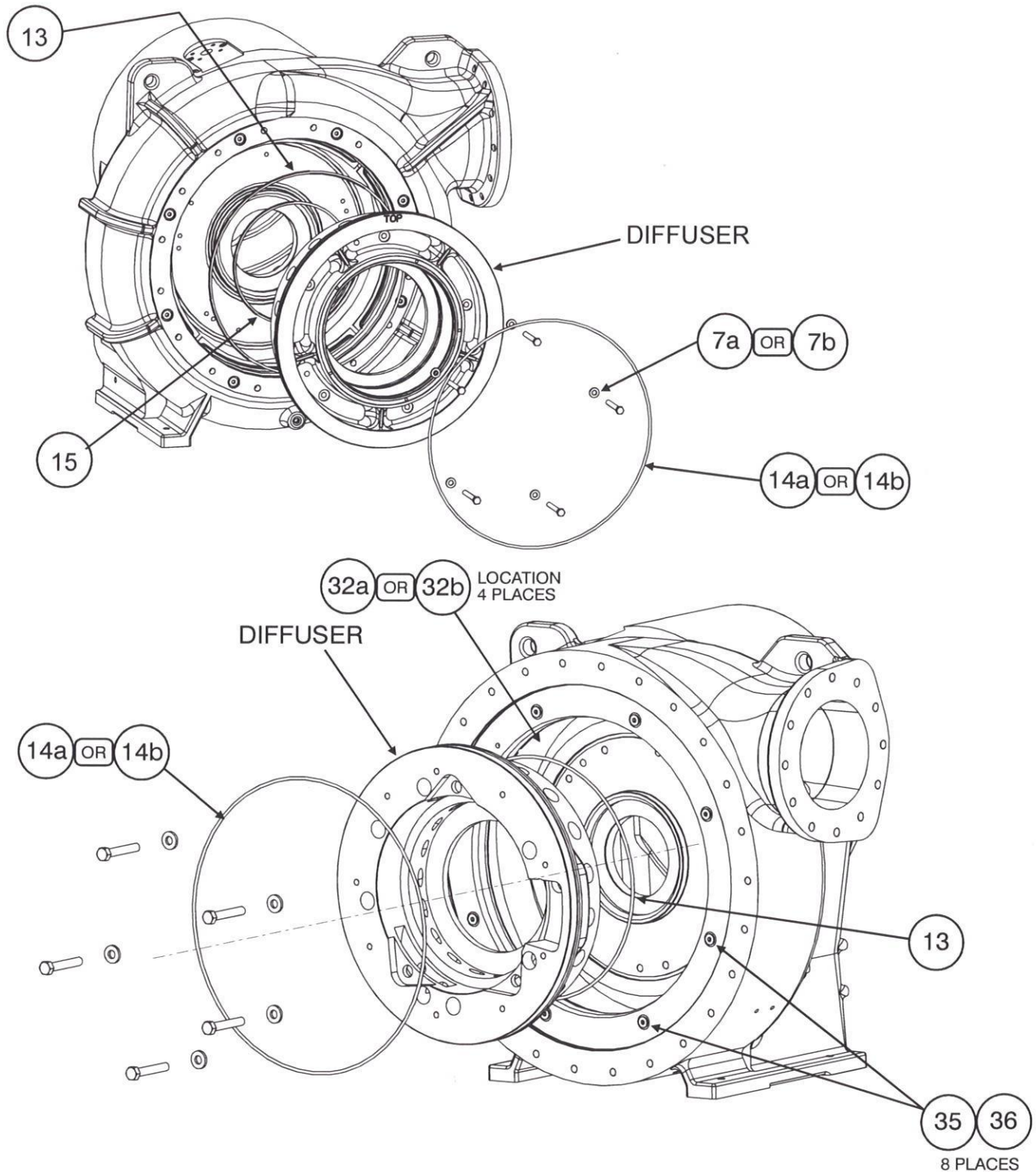
19XR



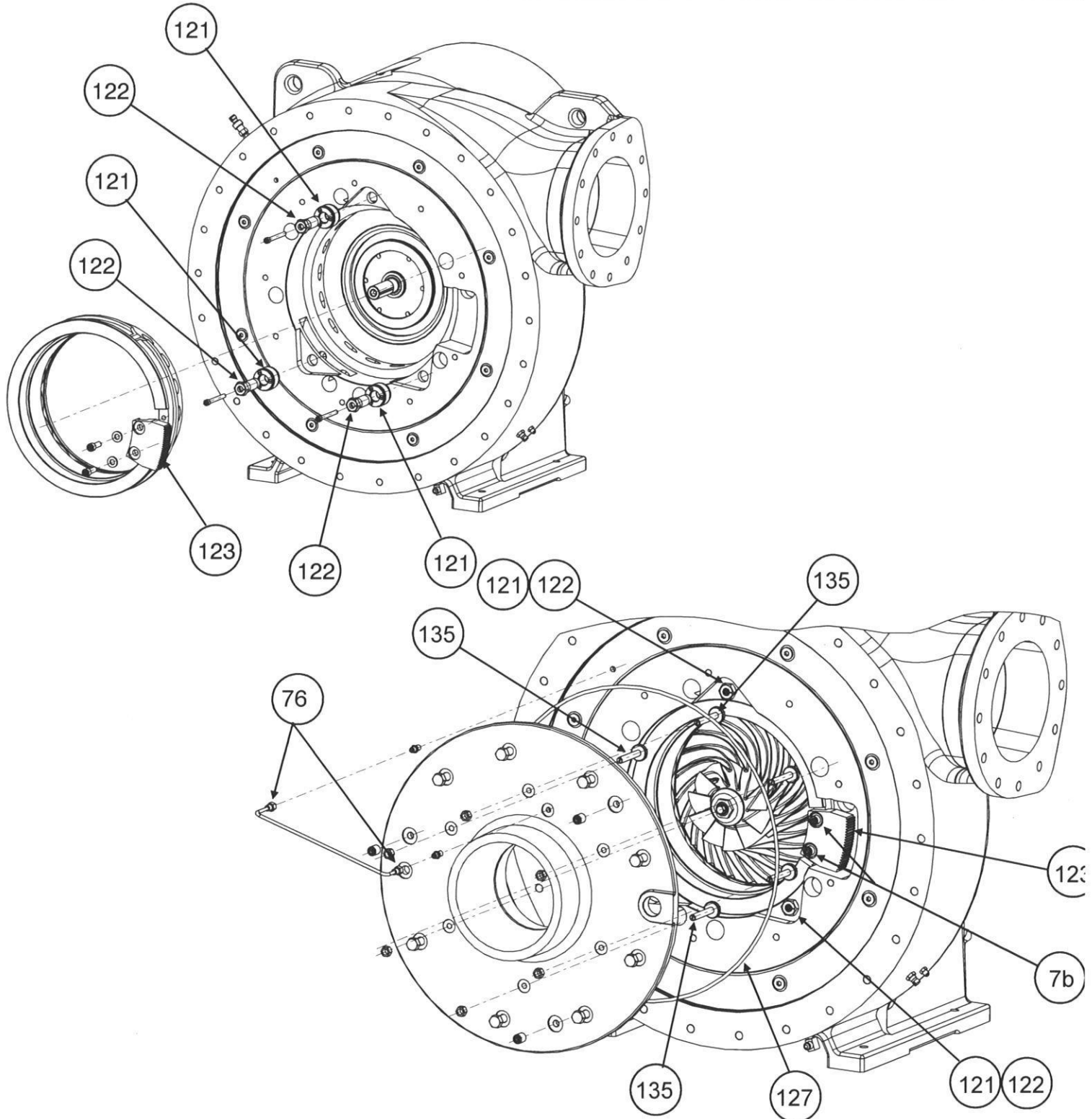
Use For Machines Built After Serial Number 0102Qnnnnn







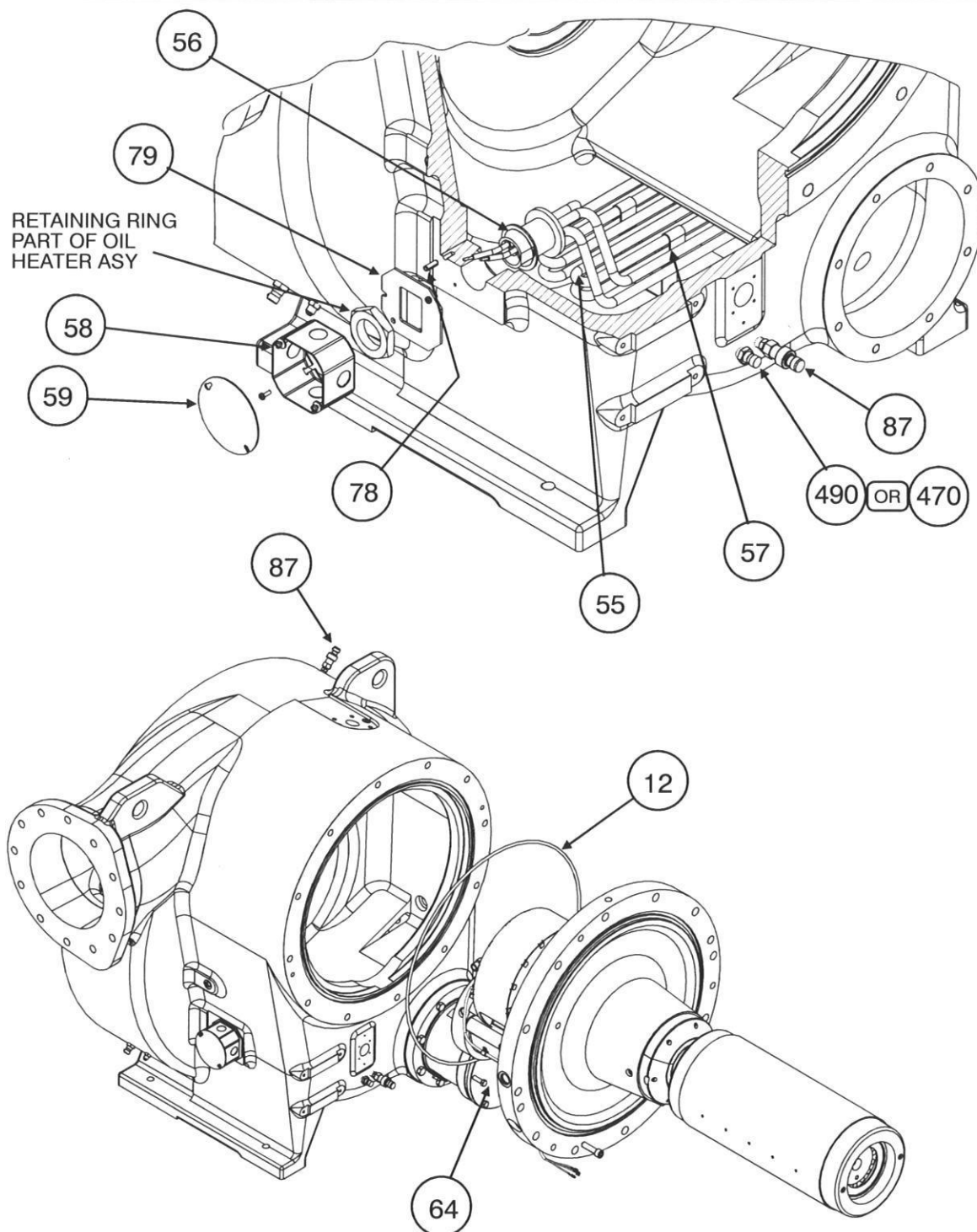
Use For Machines Built After Serial Number 0102Qnnnnnn



Use For Machines Built After Serial Number 0102Qnnnnn

Centrifugal Chiller
19XR & 19XRV
Frame #4 Compressor
With Oil Film Style Bearings

19XR



Use For Machines Built After Serial Number 0102Qnnnnn

Release Date 5/10/2021

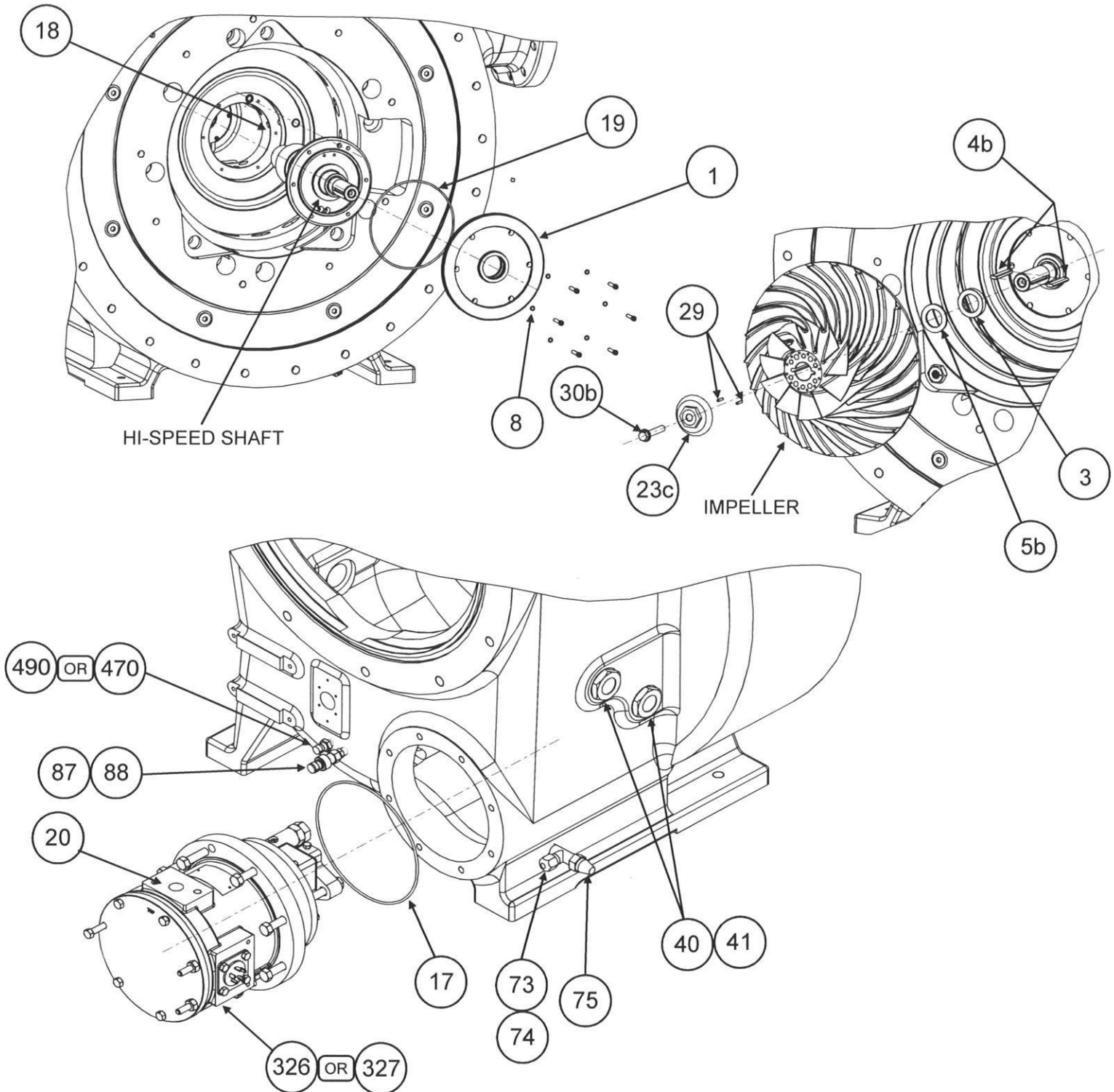
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Catalog no: RCD-3519-072

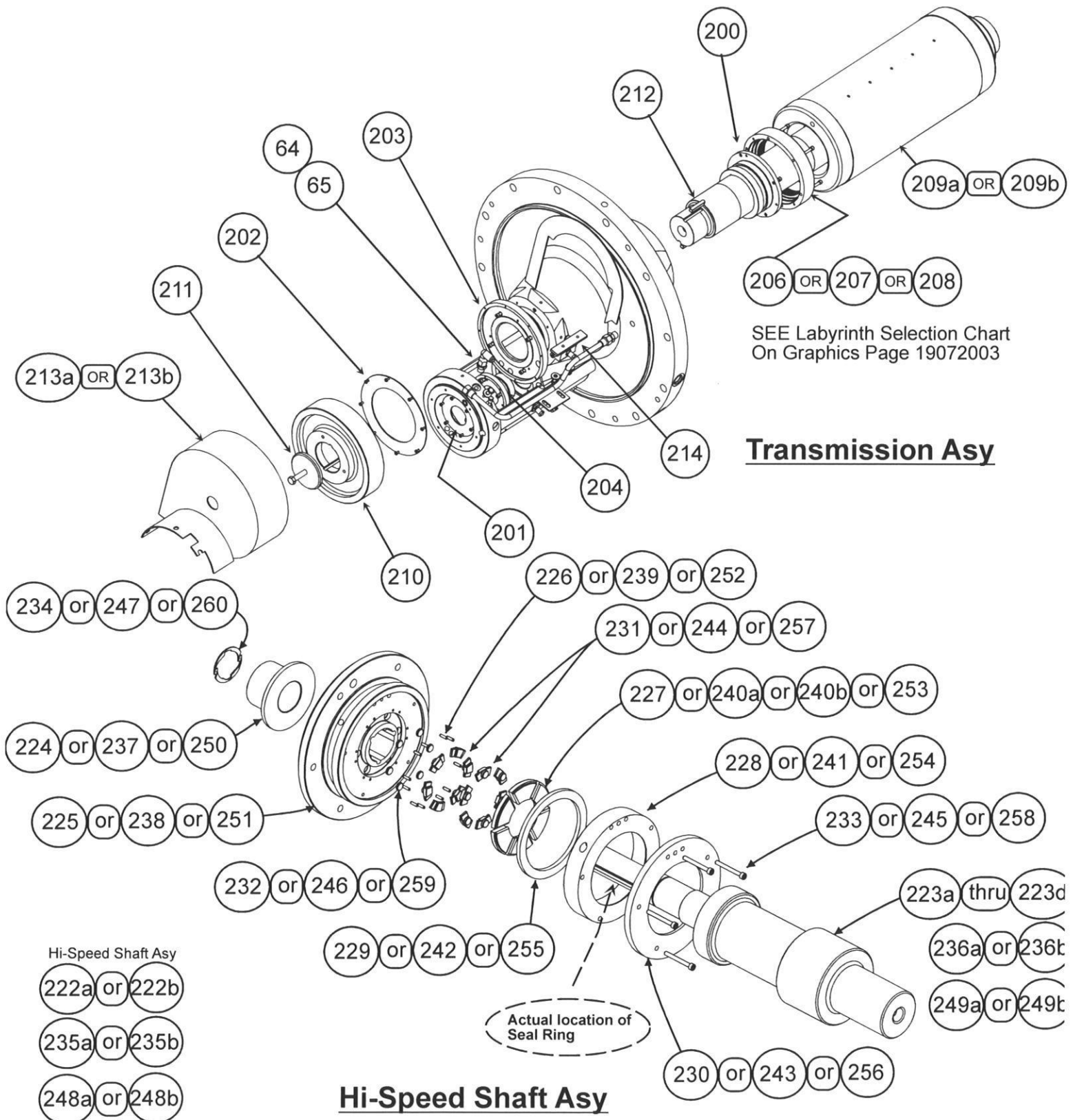
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Revision: -

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Graphic 19072019

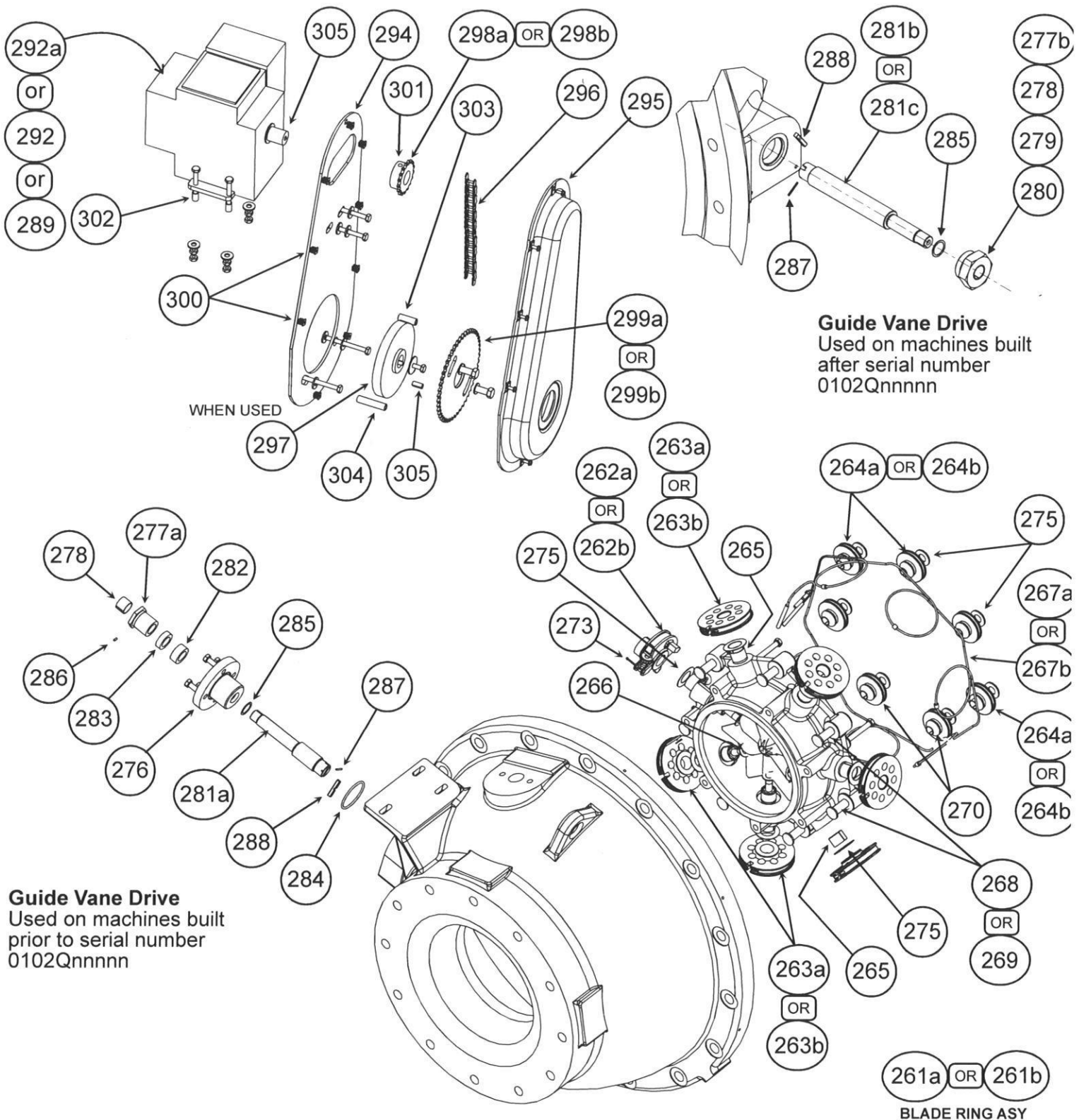


Use For Machines Built After Serial Number 0102Qnnnnn



Centrifugal Chiller 19XR & 19XRV Frame #4 Compressor With Oil Film Style Bearings

19XR



Suction End Housing For All Compressors

Release Date 5/10/2021

Catalog no: RCD-3519-072

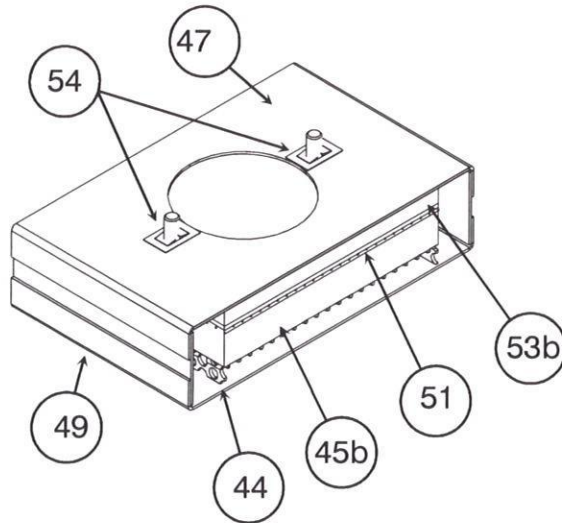
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Revision: A

Revision: -

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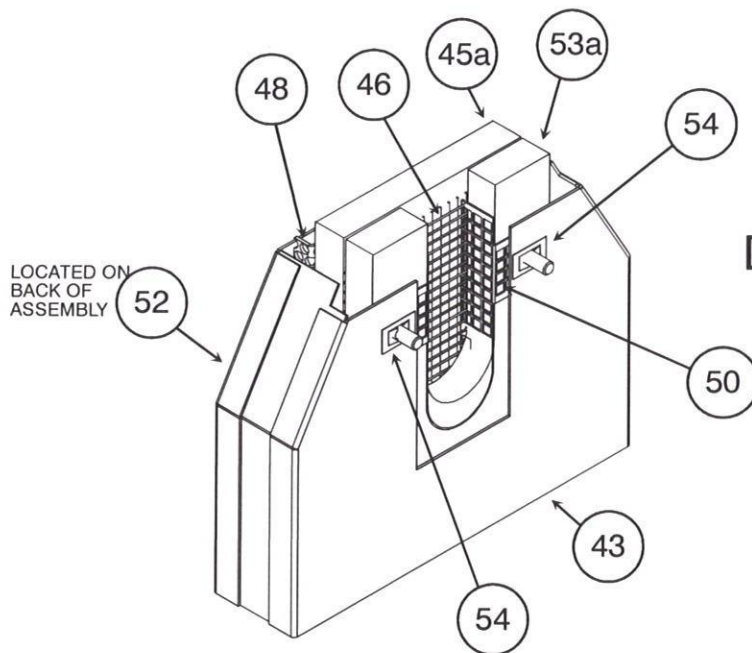
Graphic 19072022



Demister Assembly

42b

Use For Machines Built After Serial Number 0102Qnnnnn



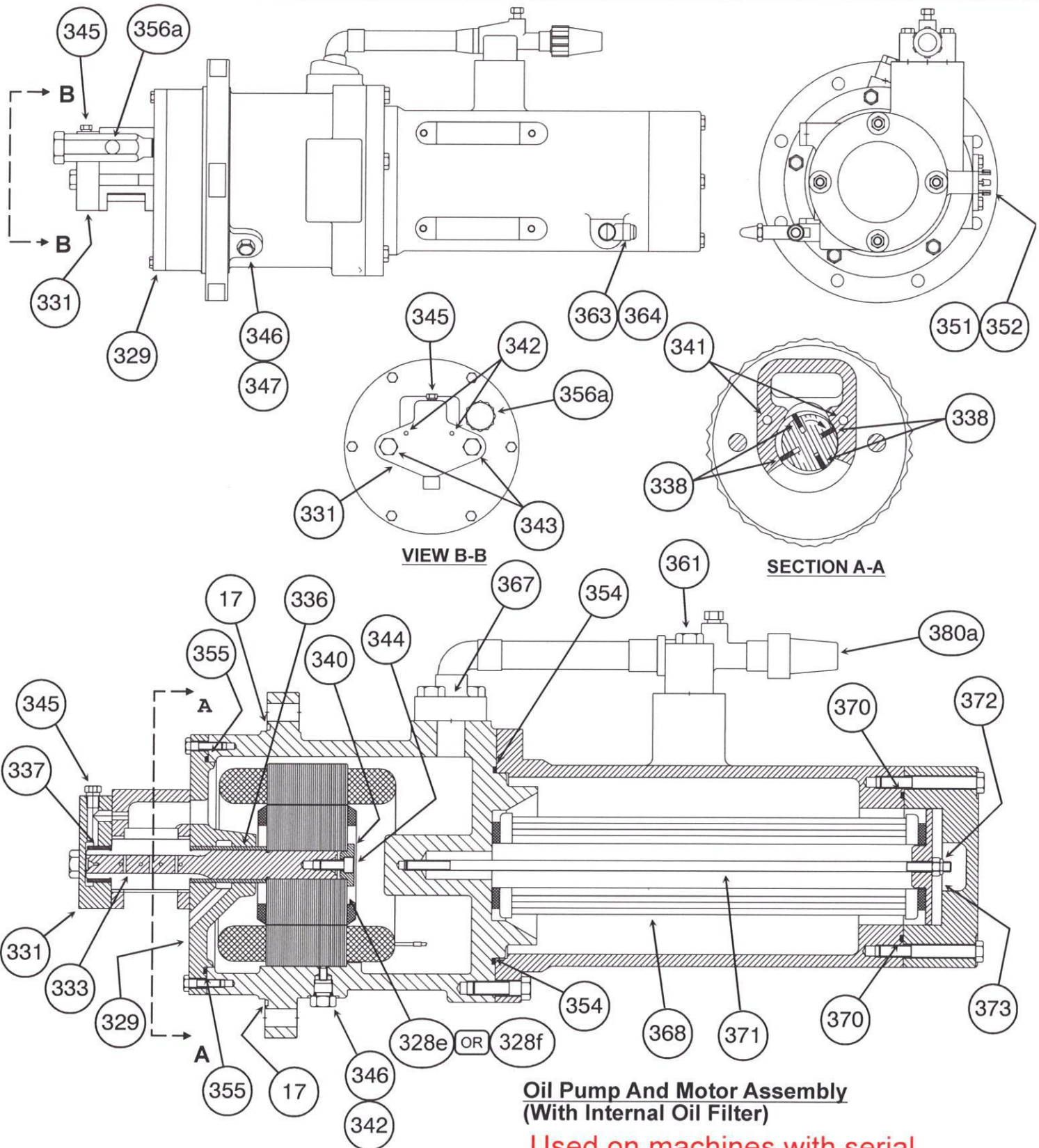
Demister Assembly

42a

Use For Machines Built Prior To Serial Number 0102Qnnnnn

Centrifugal Chiller
19XR & 19XRV
Frame #4 Compressor
With Oil Film Style Bearings

19XR



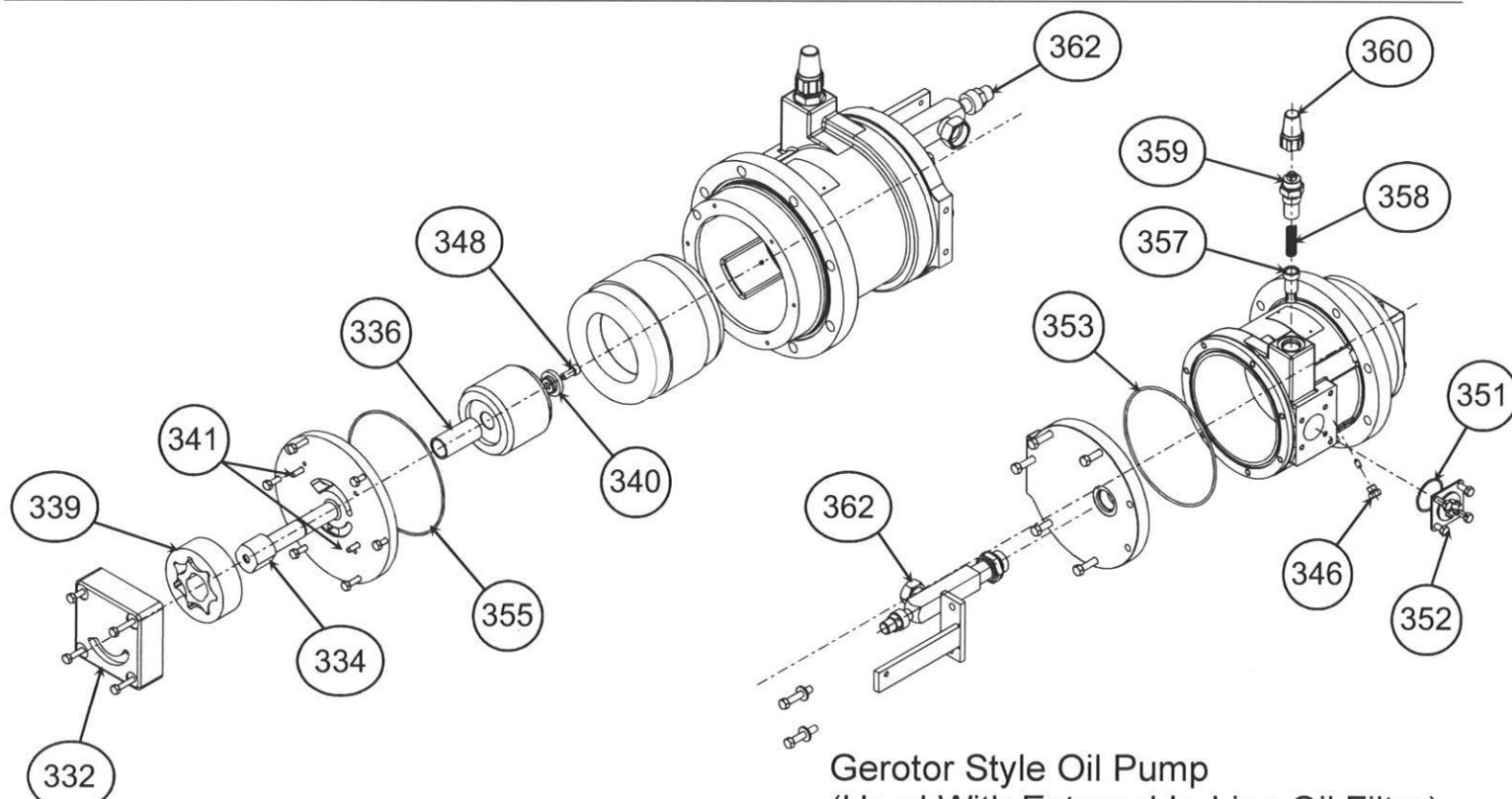
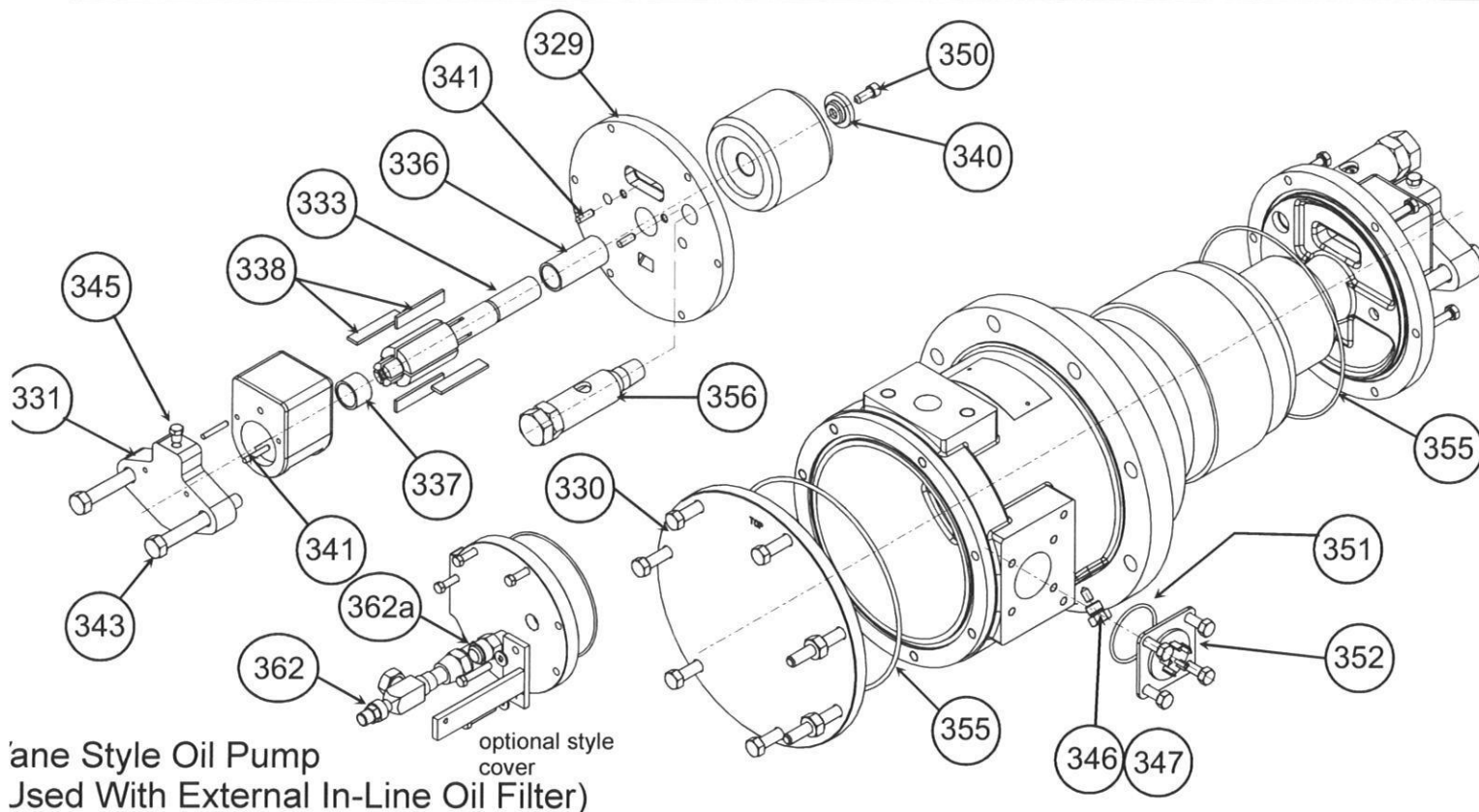
Release Date 5/10/2021

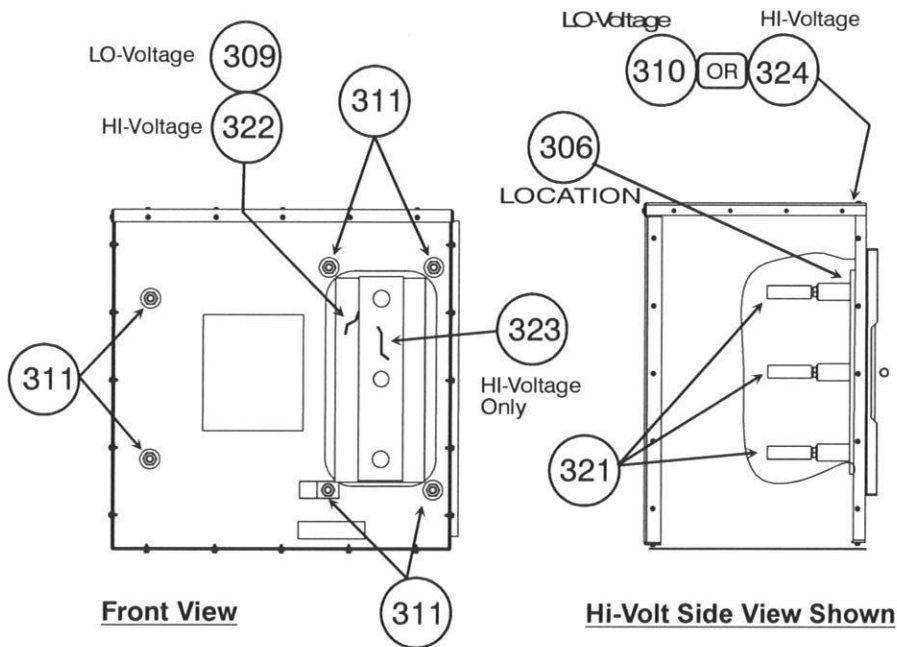
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Catalog no: RCD-3519-072

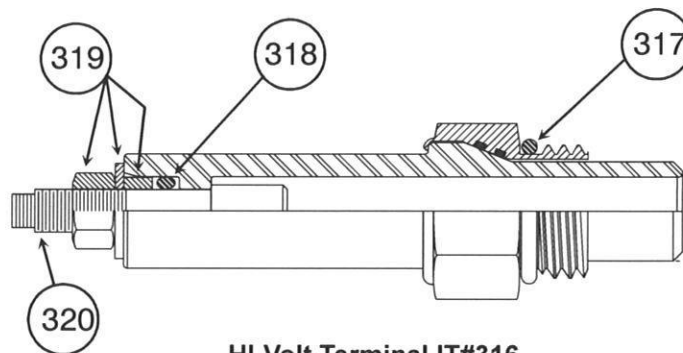
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Revision: -

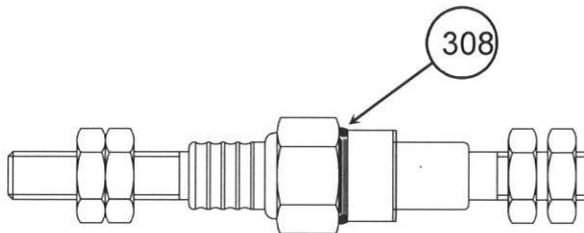




Compressor Terminal Box Assembly



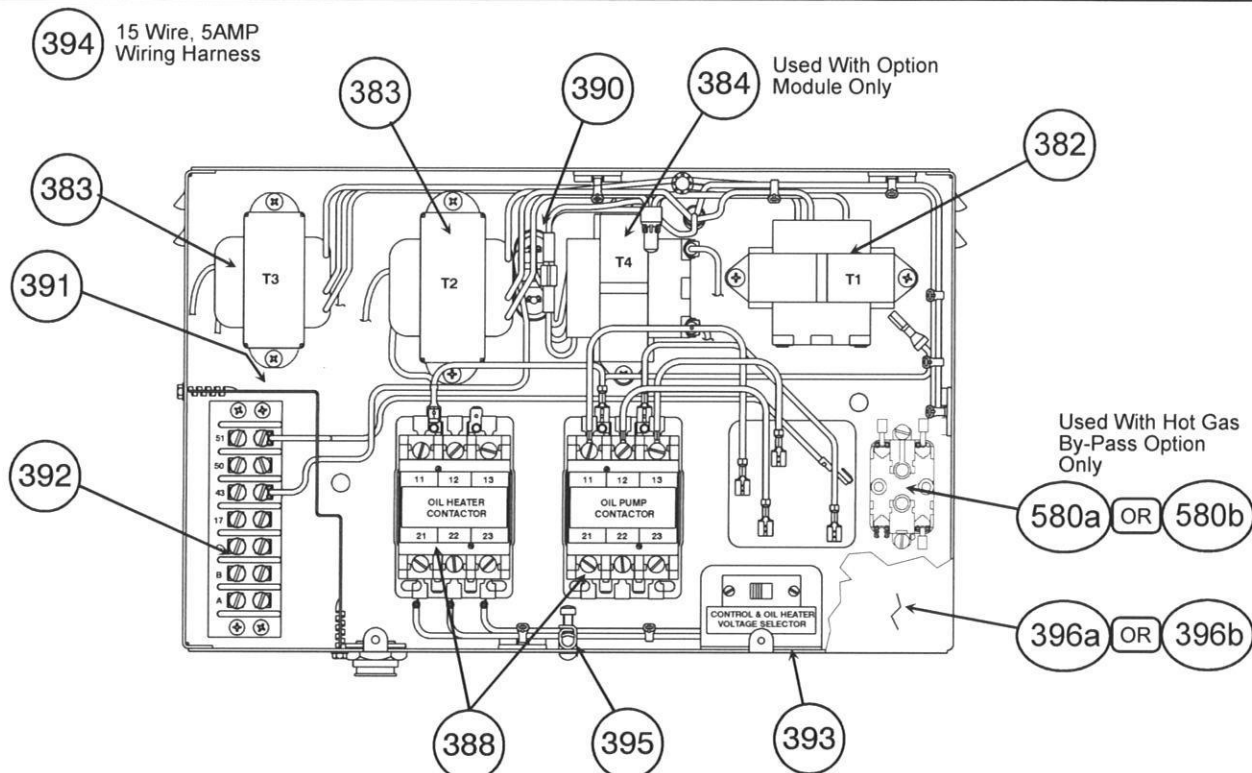
HI-Volt Terminal IT#316



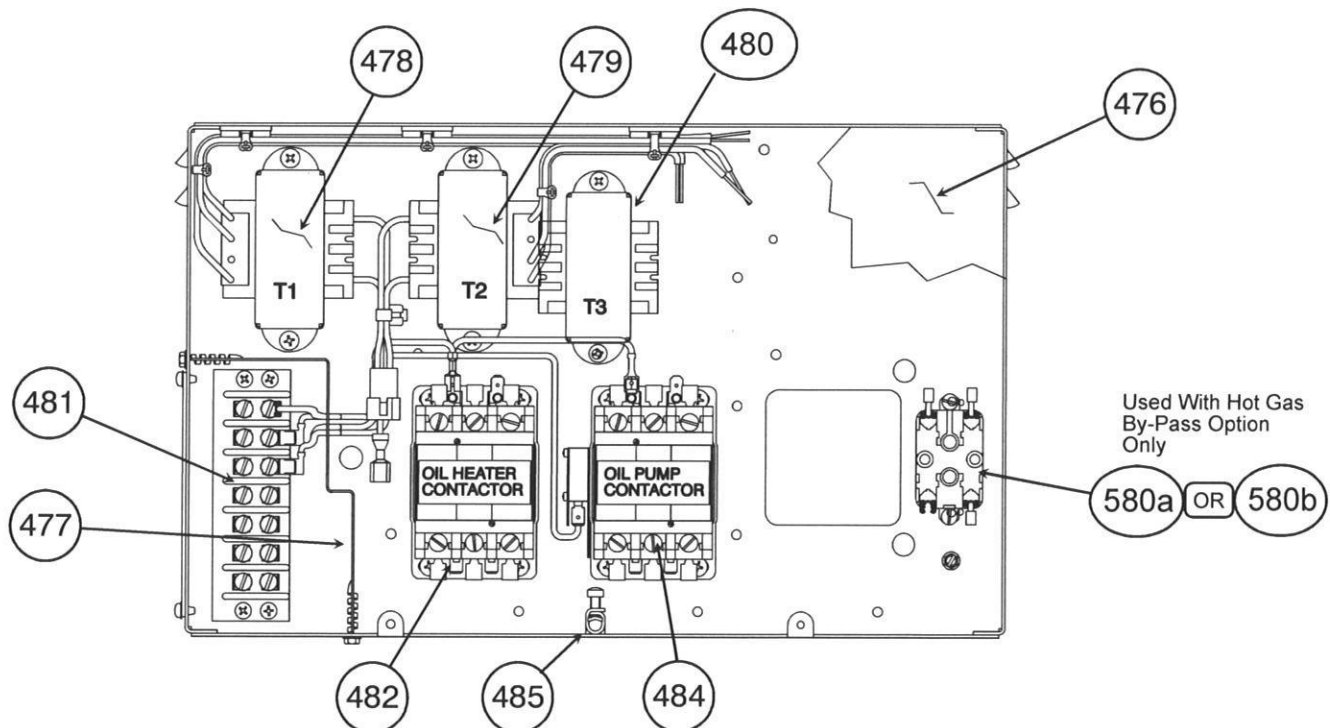
LO-Volt Terminal IT#307

Centrifugal Chiller 19XR & 19XRV Frame #4 Compressor With Oil Film Style Bearings

19XR



Power Panel For PIC I Machines



Power Panel For PIC II & PIC III Machines

Release Date 5/10/2021

Catalog no: RCD-3519-072

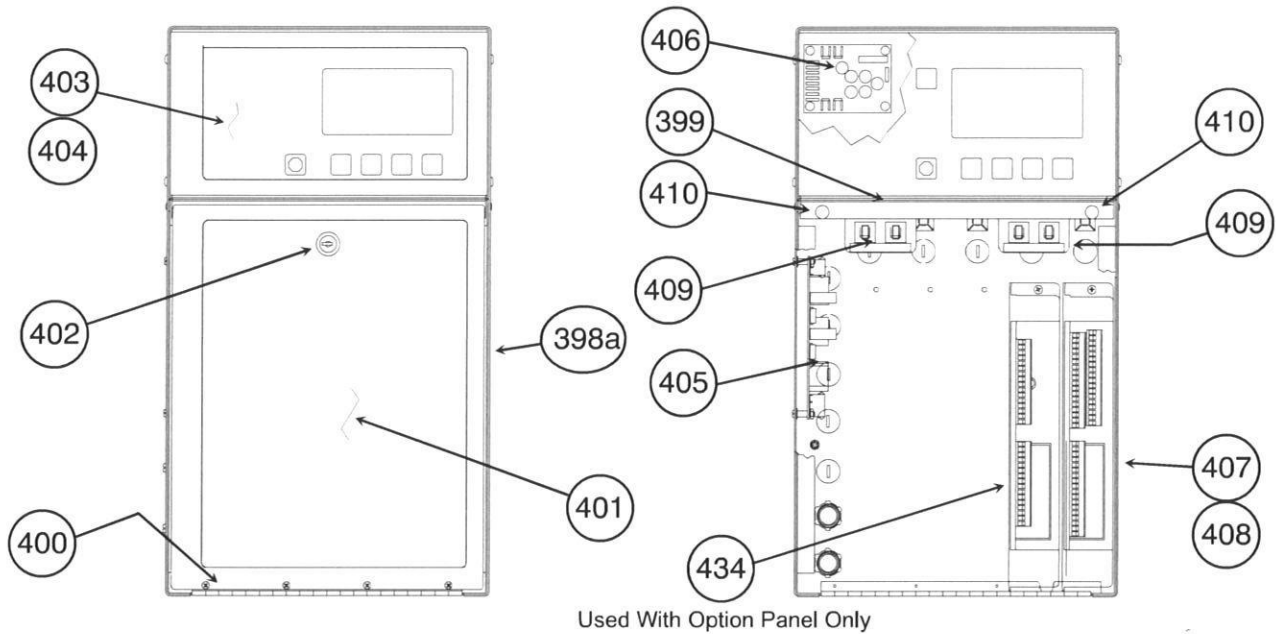
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Revision: A

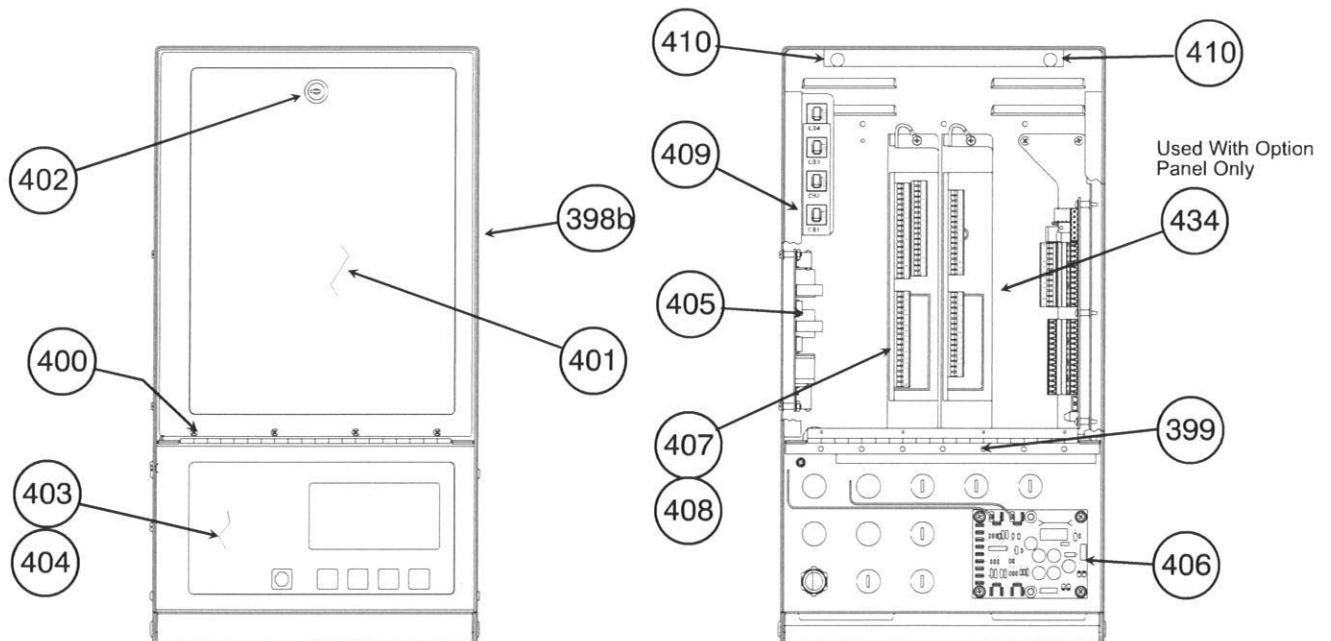
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Centrifugal Chiller 19XR & 19XRV Frame #4 Compressor With Oil Film Style Bearings

19XR

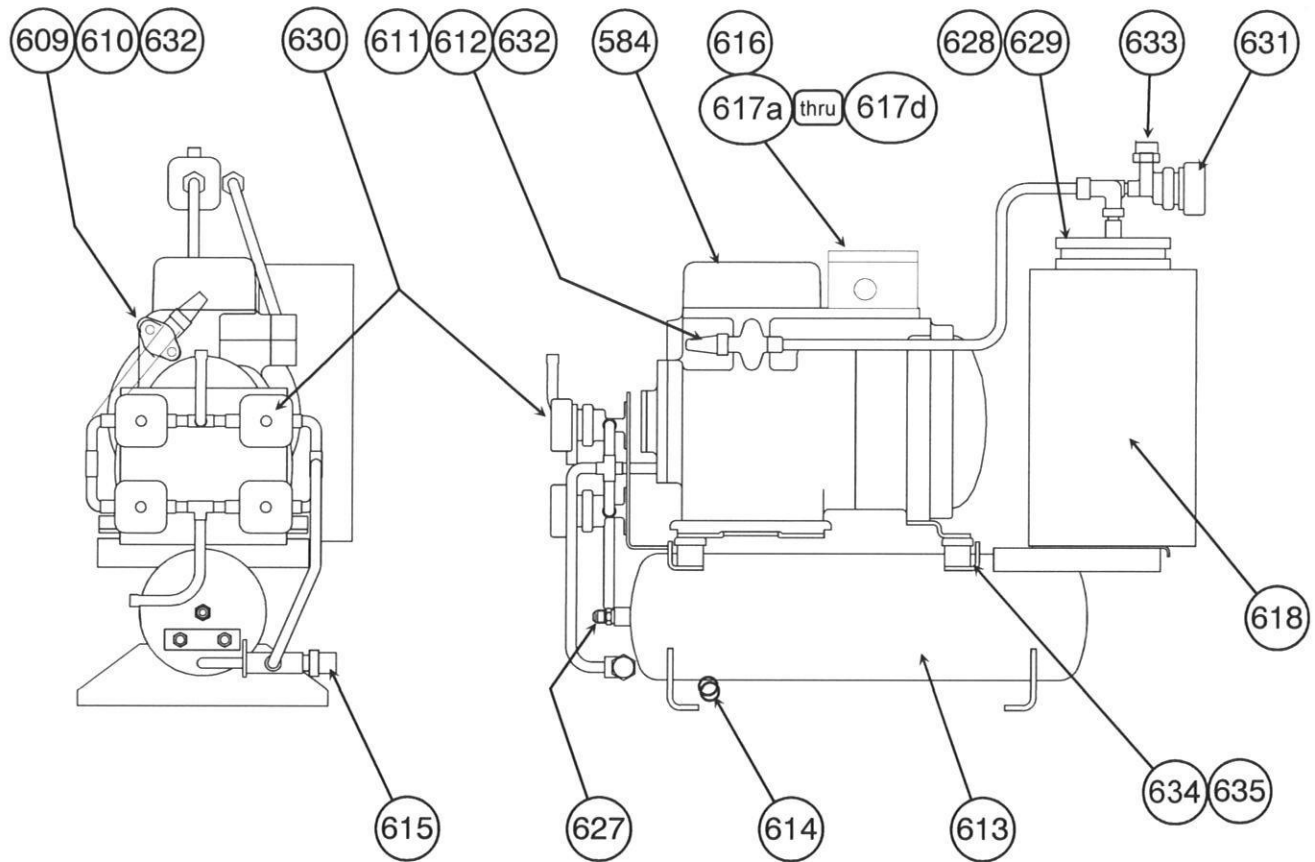


Cable Assemblies Are Items 417 - 428

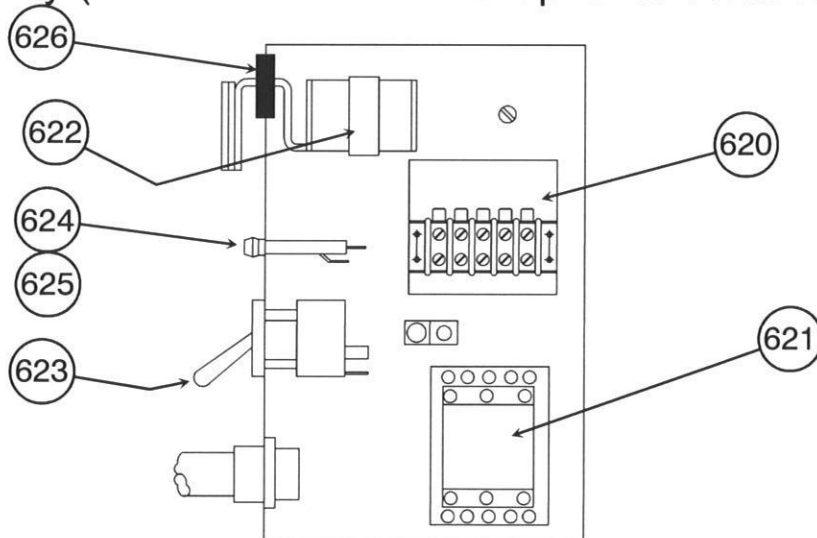


Cable Assemblies Are Items 417-428





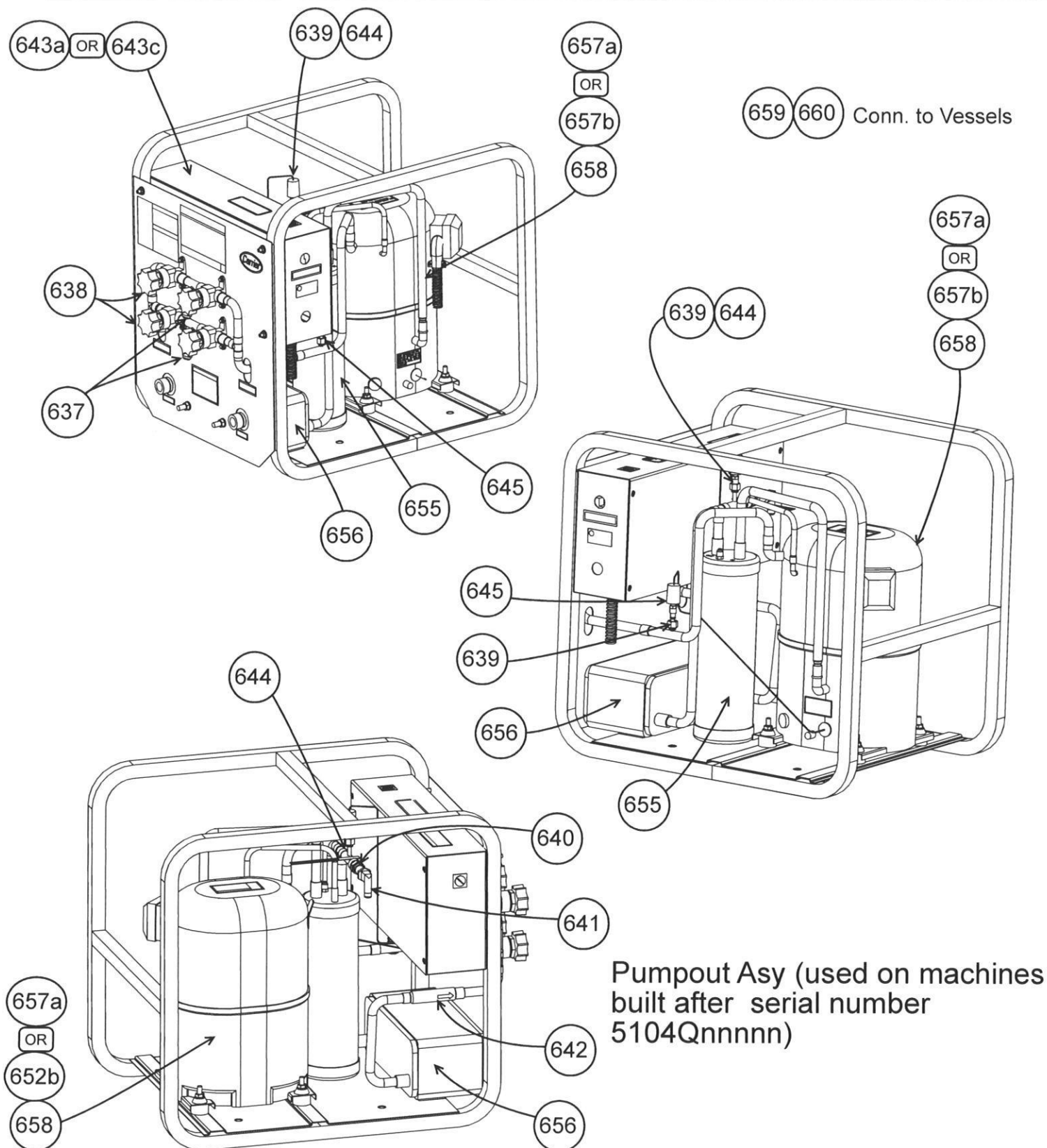
Pumpout Asy (used on machines built prior to serial number 5104Qnnnnn)



Pumpout Control Box

**Centrifugal Chiller
19XR & 19XRV
Frame #4 Compressor
With Oil Film Style Bearings**

19XR



Release Date 5/10/2021

Catalog no: RCD-3519-072

Catalog no: RCD-3519-072

Revision: A

Revision: -



**CENTRIFUGAL CHILLER
(INCLUDES 19XR & 19XRV
INFORMATION)**

19XR

SIZE: 4
SERIES: JOURNAL

ITM	PART DESCRIPTION	19XR-FR#4			
		COMPR. SIZE			
	COMPRESSOR GROUP				
1 A	LABYRINTH,IMPELLER W/PIN PLUG IT#2	19XR660001			
	Compressor Codes Used On: 421,431,441,451,461,471,481,422,432,442,452				
	462,472,482,423,433,443,453,463,473,483				
	4B1,4C1,4D1,4E1,4F1,4G1,4H1,4B2,4C2,4D2,4E2				
	4F2,4G2,4H2,4B3,4C3,4D3,4E3,4F3,4G3,4H3,4J1				
	4K1,4H2,4J2,4K2,4J3,4K3,4L1,4L2,4L3,4M1,4M2				
	4M3.				
1 B	LABYRINTH,IMPELLER W/PIN PLUG IT#2	19XR660002			
	Compressor Codes Used On: 424,434,444,454,464,474,484,425,435,445,455				
	465,475,485,4B4,4C4,4D4,4E4,4F4,4G4,4H4,4B5				
	4C5,4D5,4E5,4F5,4G5,4H5,4J4,4K4,4J5,4K5,4L4				
	4L5,4M4,4M5.				
1 C	LABYRINTH,IMPELLER W/PIN PLUG IT#2	19XR660003			
	Compressor Codes Used On: 426,436,446,456,466,476,486,4B6,4C6,4D6,4E6				
	4F6,4G6,4H6,4J6,4K6,4L6,4M6.				
1 D	LABYRINTH,IMPELLER W/PIN PLUG IT#2	19XR660005			
	Compressor Codes Used On: 427,437,447,457,467,477,487,428,438,448,458				
	468,478,488,429,439,449,459,469,479,489,4B7				
	4B8,4B9,4C7,4C8,4C9,4D7,4D8,4D9,4E7,4E8,4E9				
	4F7,4F8,4F9,4G7,4G8,4G9,4H7,4H8,4H9,4J7,4K7				
	4L7,4M7.				
2	PIN PLUG (ALUM)(INCL. IN ITEM #1)	AX17VP025			
3	SPACER,IMPELLER	02XB35006801			
4 A	KEY,IMPELLER (SMALL DIA. SHAFT)	(2) 02XR45006501			
	Important! For Proper Selection Refer To Chart 2 in significance chart				
4 B	KEY,IMPELLER (LARGE DIA. SHAFT)	(2) 02XR45006502			
	Important! For Proper Selection Refer To Chart 2 in significance chart				
5 A	SHIM,IMPELLER (SMALL DIA. SHAFT)	02XR45006301			
	Important! For Proper Selection Refer To Chart 2 in significance chart				
	For further information refer to Service Bulletin C0107.				
5 B	SHIM,IMPELLER (LARGE DIA. SHAFT)	02XB35006901			
	Important! For Proper Selection Refer To Chart 2 in significance chart				
	For further information refer to Service Bulletin C0107.				
6 A	WASHER,IMPELLER (SMALL DIA. SHAFT)	02XB05002701			
	Important! For Proper Selection Refer To Chart 2 in significance chart				
6 B	WASHER,IMPELLER (LARGE DIA. SHAFT)	02XB05002702			
	Important! For Proper Selection Refer To Chart 2 in significance chart				
7 A	WASHER,HARD	(5) AU04AV301			
	Used on compressors without a Split Ring Diffuser.				
7 B	WASHER,HARD	(5) AU04AQ301			
	Used on compressors with a Split Ring Diffuser.				
8	WASHER,SEALING	(6) AU52NA171			
9	"O" RING (22" DIA) (MOTOR COVER)	KK71EW471			
	Note: "O" Ring Groove Must Be Measured To Determine Proper Size.				
10	"O" RING (24" DIA) (MOTOR COVER)	KK71EW473			

PARTS LIST CATALOG

PARTS LIST PAGE: 001

CATALOG NO.:
SUPERSEDES : REV.
REV.

NOTE: SEE "CATALOG NOTES" ON LAST PAGE FOR EXPLANATION OF SYMBOLISM.



CENTRIFUGAL CHILLER
(INCLUDES 19XR & 19XRV
INFORMATION)

19XR

SIZE: 4
SERIES: JOURNAL

ITM	PART DESCRIPTION		19XR-FR#4		
			COMPR. SIZE		
	COMPRESSOR GROUP				
	Note: "0" Ring Groove Must Be Measured To Determine Proper Size.				
12	"0" RING (MTR HSG/TRANS)	(2)	KK71EW472		
13	"0" RING (DIFFUSER/BASE)		KK71EW471		
14 A	"0" RING (OUTER DIFFUSER)		KK71EW474		
	Used on compressors without a Split Ring Diffuser.				
14 B	"0" RING (OUTER DIFFUSER)		KK71EW476		
	Used on compressors with a Split Ring Diffuser.				
15	"0" RING (INNER DIFF)		KK71GX132		
	Not used on compressors with a Split Ring Diffuser.				
16 A	"0" RING (SUCTION HOUSING)		KK71EW476		
	Used on compressors without a Split Ring Diffuser.				
16 B	"0" RING (SUCTION HOUSING)		KK71EW501		
	Used on compressors with a Split Ring Diffuser.				
17	"0" RING (OIL PUMP)		KK71EW268		
18	"0" RING (LABY GAS)		KK71EW015		
19	"0" RING (LABY/TRANS)		KK71EW263		
20	"0" RING (OIL COOL)	(2)	KK71EW223		
23 A	NOSE PIECE (SMALL DIA. SHAFT)		02XR45006401		
	Used on compressors built prior to serial number 0102Qnnnnn.				
	Important! For Proper Selection Refer To Chart 2 in significance chart				
23 B	NOSE PIECE (LARGE DIA. SHAFT)		02XR45009201		
	Used on compressors built prior to serial number 0102Qnnnnn.				
	Important! For Proper Selection Refer To Chart 2 in significance chart				
23 C	NOSE PIECE (LARGE DIA. SHAFT)		02XR45014001		
	Used on compressors built after serial number 0102Qnnnnn.				
24	"0" RING (EQUAL LINE) (2-BOLT)	(2)	KK71EW223		
25	FLANGE (2-BOLT,0-RING KK71EW223)		DK24CA727		
26	FLANGE (4-BOLT,0-RING KK71EW229)		02XR05005301		
27	"0" RING (EQUAL LINE) (4-BOLT)		KK71EW229		
29	ROLL PIN	(2)	AX14CA096		
30 A	CAP SCREW,IMPELLER(SMALL DIA. SHAFT)		AA44AA237		
	Important! For Proper Selection Refer To Chart 2 in significance chart				
30 B	CAP SCREW,IMPELLER(LARGE DIA. SHAFT)		AA03AA268		
	Important! For Proper Selection Refer To Chart 2 in significance chart				
32 A	SILENCER SEGMENT ASSEMBLY	(4)	02XR44002101		
	Used on compressors without a Split Ring Diffuser.				
32 B	SILENCER SEGMENT ASSEMBLY	(4)	02XR44021301		
	Used on compressors with a Split Ring Diffuser.				
35	PLUG,0-RING SEAL (SEGMENT ASY'S)	(8)	CA64AM225		
	Includes: Item #36.				
36 N	"0" RING,PLUG SEAL		KK71EW910		
37	ELL CONNECTOR(3/4 X 3/8 FLX1 1/16-12		02XR45008101		
	Includes: Item #38.				
38	"0" RING,ELL CONNECTOR		KK71EW912		
39	COUPLING,MOTOR COOLING		DE08DA101		

PARTS LIST CATALOG

PARTS LIST PAGE: 002

CATALOG NO.:
SUPERSEDES : REV.
REV.

NOTE: SEE "CATALOG NOTES" ON LAST PAGE FOR EXPLANATION OF SYMBOLISM.



CENTRIFUGAL CHILLER
(INCLUDES 19XR & 19XRV
INFORMATION)

19XR

SIZE: 4
SERIES: JOURNAL

ITM	PART DESCRIPTION	19XR-FR#4			
		COMPR. SIZE			
	COMPRESSOR GROUP				
40	SIGHT GLASS	(3) KM36BS162			
	Includes: Item #41.				
41	"O" RING,SIGHT GLASS	KK71EW920			
42 A	DEMISTER ASSEMBLY (PSN 0102QNNNNN)	02XR44001801			
	Includes: Items #43 - 54.				
42 B	DEMISTER ASSEMBLY (SSN 0102QNNNNN)	02XR04001101			
	Includes: Items #43 - 54.				
43	HOUSING,DEMISTER	02XR44001901			
44	SUPPORT,DEMISTER	02XR25002501			
45 A	FILTER,DEMISTER	02XB35017601			
45 B	FILTER,DEMISTER	02XR05006501			
46	SUPPORT,DEMISTER	02XB35017701			
47	COVER,DEMISTER	02XR05005801			
48	BRACKET	02XB35017501			
49	COVER,DEMISTER	02XR05005901			
50	SUPPORT,DEMISTER	02XR45007801			
51	SUPPORT,DEMISTER PLATE	02XR05006001			
52	SPACER	(2) 02XB35003801			
53 A	FILTER,DEMISTER (NOTCHED)	02XB35017801			
53 B	FILTER,DEMISTER (NOTCHED)	02XR05006502			
54	SPEED NUT	(2) AS01XD180			
55	OIL HEATER INFORMATION	SEE.NOTE			
	Note: Some compressors built between 12/01 and 6/02 a line voltage oil heater was installed. Contact RCD with machine serial number if help determining correct oil heater is required.				
55 A	OIL HEATER (115 VOLT)	02XR45005601			
55 B	OIL HEATER (380-416 VOLT) (WHITE)	02XR45012101			
55 C	OIL HEATER (440-480 VOLT) (BLUE)	02XR45012102			
55 D	OIL HEATER (346 VOLT) (YELLOW)	02XR45012103			
55 E	OIL HEATER (575 VOLT) (RED)	02XR45012104			
55 F	OIL HEATER (200-220 VOLT) (BLACK)	02XR45012105			
55 G	OIL HEATER (230-240 VOLT) (GRAY)	02XR45012106			
56	SEAL WASHER (INSIDE)	AU29AB561			
57	BRACKET,HEATER SUPPORT	02XR45005801			
58	EXTERNAL RING,BOX (OIL HEATER)	HX22FB052			
59	COVER,BOX (OIL HEATER)	HX02FB050			
60	N MOTOR TEMP SENSOR (WITH REWIND ONLY)	(2) 32MP500354			
61	HERMETIC TERM.(THRUST/MTR SENSOR)	(2) HY85FP022			
61 A	O-RING (HERMETIC TERMINAL)	(2) KK71EW128			
62	COVER,BOX (THRUST/MOTOR SENSORS)	(2) HX08FZ050			
63	BOX EXTENSION (THRUST/MTR SENSOR)	(2) HX22FS036			
64	THRUST SENSOR ASSEMBLY	02XR44004301			
	Includes: Item #65.				
65	SENSOR (1.38" BULB)	HH79NZ044			
67 A	MOTOR SPRAY NOZZLE(PRIOR TO 02/12/01	02XR44003601			

PARTS LIST CATALOG

PARTS LIST PAGE: 003

CATALOG NO.:
SUPERSEDES : REV.
REV.

NOTE: SEE "CATALOG NOTES" ON LAST PAGE FOR EXPLANATION OF SYMBOLISM.



CENTRIFUGAL CHILLER
(INCLUDES 19XR & 19XRV
INFORMATION)

19XR

SIZE: 4 4
SERIES: JOURNAL

ITM	PART DESCRIPTION	19XR-FR#4			
		COMPR. SIZE			
	COMPRESSOR GROUP				
67 B	MOTOR SPRAY NOZZLE(AFTER 02/12/01)	02XR44003606			
70	COUPLING (3/4" TUBE)	DE08DA401			
71 A	MOTOR COOLING ORIFICE (0.109/0.104)	02XR05003001			
71 B	MOTOR COOLING ORIFICE (0.156/0.151)	02XR05003003			
71 C	MOTOR COOLING ORIFICE (3/4 NOMINAL)	02XR05009401			
71 D	MOTOR COOLING ORIFICE (0.255/0.250)	02XR05002903			
72	CONNECTOR (3/4")	02XR05009401			
73	CAP,FLARE 1/2"	(2) DD19DA201			
74	GASKET,FLARE 1/2"	(2) DD24FA151			
75	VALVE,OIL CHARGE (3/8"NPT)	EP23LA155			
76	FITTING,IMPELLER PRESS. TUBE	DD07UA051			
77	VALVE,ANGLE	EP12BC272			
78	ROLL PIN (1/4"OD X 3/4"LG)	AX14CA168			
79	POSITIONING WASHER (OIL HEATER)	02XR45006001			
80	ELBOW,90 DEG. SWIVEL	(2) DD41CA501			
81	ELBOW,90 DEG. SWIVEL	DD41CA502			
82	CONNECTOR,STR(1-1/16-12)	DC80SA032			
	Includes: Item #83.				
83	"0" RING,STR CONNECTOR	KK71EW912			
84	CONNECTOR,STR. (7/8 X 1-3/16-12)	DC80SA040			
	Includes: Item #85.				
85	"0" RING,STR CONNECTOR	KK71EW914			
87	TRANSDUCER,PRESSURE	(2) HK05Y2007			
88	VALVE,SERVICE (SCHRADER)	(5) 06DA403844			
89	STR CONNECTOR(3/8 X 9/16-18)	(2) 02XB05000301			
	Includes: Item #90.				
90	"0" RING,STR CONNECTOR	KK71EW906			
91	ELL CONNECTOR(3/8 X 9/16-18)	(3) 02XB05000601			
	Includes: Item #92.				
92	"0" RING,ELL CONNECTOR	KK71EW906			
93	STRAINER (OIL RECLAIM)	KH11NG070			
94 A	EDUCTOR (PSN 0102QNNNNN)	02XB05002201			
94 B	EDUCTOR (SSN 0102QNNNNN)	02XR05004302			
95	ELBOW,SWIVEL (90 DEG.1/2")	(2) DD41CA101			
96	STRAIGHT CONNECTOR (SHORT)	02XB05000501			
	Includes: Item #97.				
97	"0" RING,STR CONNECTOR (SHORT)	KK71EW912			
98	STR CONNECTOR(LONG)(3/4 X 1 1/16-12)	02XB05000201			
	Includes: Item #99.				
99	"0" RING,STR CONNECTOR	KK71EW912			
100	FITTING,IN-LINE STRAINER	02XB05001001			
	Includes: Item #101.				
101	"0" RING,STRAINER FITTING	KK71EW906			
102	SIGHTGLASS (3/8 FL)	KM43AG002			
103 A	EXPANSION VALVE (PSN 0102QNNNNN)	(2) 02XR05000101			

PARTS LIST CATALOG

PARTS LIST PAGE: 004

CATALOG NO.:
SUPERSEDES : REV.
REV.

NOTE: SEE "CATALOG NOTES" ON LAST PAGE FOR EXPLANATION OF SYMBOLISM.



CENTRIFUGAL CHILLER
(INCLUDES 19XR & 19XRV
INFORMATION)

19XR

SIZE: 4 4
SERIES: JOURNAL

ITM	PART DESCRIPTION	19XR-FR#4			
		COMPR. SIZE			
	COMPRESSOR GROUP				
103 B	EXPANSION VALVE (SSN 0102QNNNNN)	02XR05004001			
104	HIGH DISCHARGE CUTOUT SWITCH	HK02ZA165			
106	TEMPERATURE SENSOR	X			
107	PLUG,O-RING SEAL (7/16-20)	CA64AM125			
	Includes: Item #108.				
108	"O" RING,PLUG SEAL	KK71EW904			
109	SEAL HOUSING ASY (DIFFUSER DRIVE)	02XR44011701			
	Includes: Items #110 - 120.				
110	SEAL RETAINER & BEARING ASY	02XR04001801			
	Includes: Items #111 - 113.				
111	"O" RING	KK71EW210			
112	BUSHING	KT53XL066			
113	"O" RING	KK71EW916			
114	PINION & SHAFT	02XR45013001			
116	WASHER,THRUST	AU51YA401			
117	"O" RING	KK71EW220			
120	BUSHING	KT53XL066			
121	WHEEL ASY,VARIABLE DIFFUSER	(3) 02XR44011601			
122	CAM LOCK,ROLLER	(3) 02XR45013301			
122 A	SCREW,SOCKET HEAD (ROLLAR CAM LOCK)	(3) AA44AA241			
123	GEAR RACK	02XR45013101			
125	MOTOR,ACTUATOR (VARIABLE DIFFUSER)	HF26BB029			
	Includes: Item #126.				
126	POTENTIOMETER	AD-718-701			
127	"O" RING (SHROUD/BASE)	KK71EW475			
128	"O" RING (DIFFUSER DRIVE SEAL)	KK71EW229			
129	MOUNTING RING	02XR45013801			
131	GUARD,DIFFUSER CHAIN	02XR44013101			
132	SPROCKET,DIFFUSER DRIVE	02XR05009202			
133	SPROCKET,DIFFUSER MOTOR	02XR05009201			
134	CHAIN,DIFFUSER DRIVE	02XR05007501			
135	SUPPORT FOOT,DIFFUSER	(6) 02XR05002001			
136	POINTER	02XR05007701			
136 A	LABEL,DIFFUSER INDICATOR	02XR05007601			
137	CONNECTOR,STRAIGHT (3/4 X 1-1/16-12)	02XR05009401			
	Includes: Item #138.				
138	"O" RING	KK71EW912			
	COMPRESSOR TRANSMISSION ASSEMBLY				
200	BEARING,DRIVE END LO-SPEED	02XR45003101			
201	COVER,HI-SPEED OIL CATCHER	02XR45007401			
202	COVER,LO-SPEED OIL CATCHER	02XB35027501			
203	BEARING,COMPR. END LO-SPEED	02XR45009501			
204	BEARING,DRIVE END HI-SPEED	02XR45003201			
206	LABYRINTH (LO-SPEED SHAFT) (SEE NOTE	02XR45003301			
	For Proper Selection Refer To Chart 1 On Graphic Page 19072003.				

PARTS LIST CATALOG

PARTS LIST PAGE: 005

CATALOG NO.:
SUPERSEDES : REV.
REV.

NOTE: SEE "CATALOG NOTES" ON LAST PAGE FOR EXPLANATION OF SYMBOLISM.



CENTRIFUGAL CHILLER
(INCLUDES 19XR & 19XRV
INFORMATION)

19XR

SIZE: 4 4
SERIES: JOURNAL

ITM	PART DESCRIPTION	19XR-FR#4			
		COMPR. SIZE			
	COMPRESSOR TRANSMISSION ASSEMBLY				
207	LABYRINTH (LO-SPEED SHAFT) (SEE NOTE	02XR44003801			
	For Proper Selection Refer To Chart 1 On Graphic Page 19072003.				
208	LABYRINTH (LO-SPEED SHAFT) (SEE NOTE	02XR44003804			
	For Proper Selection Refer To Chart 1 On Graphic Page 19072003.				
209 A	ROTOR & LO-SPEED GEAR ASY (60HZ)	PER.MACHINE			
	Includes: Items #211 - 212.				
209 B	ROTOR & LO-SPEED GEAR ASY (50HZ)	PER.MACHINE			
	Includes: Items #211 - 212.				
210 A	GEAR,LOW-SPEED (60HZ)	02XR45014601			
210 B	GEAR,LOW-SPEED (50HZ)	02XR45014602			
211	RING,RETAINING	02XB35005201			
212	KEY	(2) 02XR45007201			
213 A	SHROUD ASSEMBLY (PSN 0102QNNNNN)	02XR44000801			
213 B	SHROUD ASSEMBLY (SSN 0102QNNNNN)	X			
214	STRIPPER (GEAR OIL)	02XR45007501			
	THRUST BEARING ASY-JOURNAL STYLE				
222 A	HI-SPEED SHAFT ASY (60HZ)	02XR44000701			
	Used in manufacturing approx. 1/96 to 8/01.				
	No longer available, refer to Service Bulletins C1002A and C0107A.				
	Includes: Item #223 - 234.				
222 B	HI-SPEED SHAFT ASY (50HZ)	02XR44000702			
	Used in manufacturing approx. 1/96 to 8/01.				
	No longer available, refer to Service Bulletins C1002A and C0107A.				
	Includes: Item #223 - 234.				
223 A	SHAFT,IMPELLER (60HZ)	02XR45003501			
	Used in manufacturing approx. 1/96 to 8/97.				
	No longer available, refer to Service Bulletin C0107A.				
223 B	SHAFT,IMPELLER (60HZ)	02XR45008601			
	Used in manufacturing approx. 8/97 to 8/01.				
	No longer available, refer to Service Bulletin C1002A.				
223 C	SHAFT,IMPELLER (50HZ)	02XR45003502			
	Used in manufacturing approx. 1/96 to 8/97.				
	No longer available, refer to Service Bulletin C0107A.				
223 D	SHAFT,IMPELLER (50HZ)	02XR45008602			
	Used in manufacturing approx. 8/97 to 8/01.				
	No longer available, refer to Service Bulletin C1002A.				
224	SLINGER	02XB35016301			
225	THRUST BEARING	02XR45003601			
226	ROLL PIN	(12) AX14CA035			
227	THRUST SHOE ASY	02XR44000601			
228	RING,SPACER	02XR45003901			
229	RING,SEAL	02XR45004101			
230	RING,RETAINER	02XR45004001			
231	PAD,LEVELING	(12) 19D110103			
232	ADJUSTING PAD PACKAGE	19D23841			

PARTS LIST CATALOG

PARTS LIST PAGE: 006

CATALOG NO.:
SUPERSEDES : REV.
REV.

NOTE: SEE "CATALOG NOTES" ON LAST PAGE FOR EXPLANATION OF SYMBOLISM.



CENTRIFUGAL CHILLER
(INCLUDES 19XR & 19XRV
INFORMATION)

19XR

SIZE: 4
SERIES: JOURNAL

ITM	PART DESCRIPTION	19XR-FR#4			
		COMPR. SIZE			
	THRUST BEARING ASY-JOURNAL STYLE				
233	SCREW, SOCKET HEAD	(5) AA44AA109			
234	RING, RETAINER	AU48AA511			
235 A	HI-SPEED SHAFT ASY (60HZ)	02XR44013201			
	Used in manufacturing approx. 8/01 to 8/09.				
	No longer available, refer to Service Bulletins C1002A.				
	Includes: Item #236 - 237.				
235 B	HI-SPEED SHAFT ASY (50HZ)	02XR44013202			
	Used in manufacturing approx. 8/01 to 8/09.				
	No longer available, refer to Service Bulletins C1002A.				
	Includes: Item #236 - 237.				
236 A	SHAFT, IMPELLER (60HZ)	02XR45014701			
	No longer available, refer to Service Bulletins C1002A.				
236 B	SHAFT, IMPELLER (50HZ)	02XR45014702			
	No longer available, refer to Service Bulletins C1002A.				
237	SLINGER	02XB35016301			
238	THRUST BEARING	02XR45003601			
239	ROLL PIN	(12) AX14CA035			
240 A	THRUST SHOE ASY	02XR44000601			
	Used in manufacturing approx. 8/01 to 6/09.				
240 B	THRUST SHOE ASY	02XR44018101			
	Used in manufacturing approx. 6/09 to 8/09.				
241	RING, SPACER	02XR45003901			
242	RING, SEAL	02XR45004101			
243	RING, RETAINER	02XR45004001			
244	PAD, LEVELING	(12) 19D110103			
245	SCREW, SOCKET HEAD	(5) AA44AA109			
246	ADJUSTING PAD PACKAGE	19D23841			
247	RING, RETAINER	AU48AA511			
248 A	HI-SPEED SHAFT ASY (60HZ)	02XR44020601			
	Used in manufacturing approx. 8/09 to 6/11.				
	Includes: Items #249 - 260.				
248 B	HI-SPEED SHAFT ASY (50HZ)	02XR44020602			
	Used in manufacturing approx. 8/09 to 6/11.				
	Includes: Items #249 - 260.				
249 A	SHAFT, IMPELLER (60HZ)	02XR45017701			
249 B	SHAFT, IMPELLER (50HZ)	02XR45017702			
250	SLINGER	02XB35016301			
251	THRUST BEARING	19XR660065			
252	ROLL PIN	(12) AX14CA035			
253	THRUST SHOE ASY	02XR44020701			
254	RING, SPACER	02XR45017301			
255	RING, SEAL	02XR45017601			
256	RING, RETAINER	02XR45018201			
257	PAD, LEVELING	(12) 02XR45017801			
258	SCREW, SOCKET HEAD	(5) AA44AA109			

PARTS LIST CATALOG

PARTS LIST PAGE: 007

CATALOG NO. :
SUPERSEDES :

REV.
REV.

NOTE: SEE "CATALOG NOTES" ON LAST PAGE FOR EXPLANATION OF SYMBOLISM.



**CENTRIFUGAL CHILLER
(INCLUDES 19XR & 19XRV
INFORMATION)**

19XR

SIZE: 4 **4**
SERIES: JOURNAL

ITM	PART DESCRIPTION	19XR-FR#4			
		COMPR. SIZE			
	THRUST BEARING ASY-JOURNAL STYLE				
259	ADJUSTING PAD PACKAGE	19D23841			
260	RING,RETAINER	AU48AA511			
	GUIDE VANE & BLADE RING				
261 A	BLADE RING ASSEMBLY (PSN 0102QNNNNN)	02XR44000501			
	Includes: Items #262 - 275.				
261 B	BLADE RING ASSEMBLY (SSN 0102QNNNNN)	02XR44049401			
	Includes: Items #262 - 275.				
262 A	PULLEY,DRIVE (PSN 0102QNNNNN)	19EA511003			
262 B	PULLEY,DRIVE (SSN 0102QNNNNN)	02XR45011001			
263 A	PULLEY,BLADE (PSN 0102QNNNNN)	(6) 19EA512142			
263 B	PULLEY,BLADE (SSN 0102QNNNNN)	(6) 02XR05007001			
264 A	PULLEY,IDLER (PSN 0102QNNNNN)	(7) 19C47771			
264 B	PULLEY,IDLER (SSN 0102QNNNNN)	(7) 19C476131			
265	BUSHING,BLADE	(14) KT53XL102			
266	BLADE,PREWHIRL	(7) 19EA660017			
267 A	CABLE,GUIDE VANE (PSN 0102QNNNNN)	19EA51102			
267 B	CABLE,GUIDE VANE (SSN 0102QNNNNN)	02XR04001303			
268	TAPERED SHAFT (PSN 0102QNNNNN)	(7) 19EA512022			
269	BOLT,SHOULDER (IDLER PULLEY)	(7) AH27AM295			
270	BUSHING (IDLER PULLEY)	(7) KT53XL065			
271	SNAP RING/HEX NUT (PSN 0102QNNNNN)	(7) AU48AR062			
272	NUT,JAM	(7) AT40AA301			
273	COTTER PIN (3/32)	(2) AX01AA027			
274	SET SCREW 1/4-20	(2) AE13AR170			
275	WASHER	(7) 19EA512012			
276	SEAL HOUSING (PSN 0102QNNNNN)	02XB35008101			
277 A	SEAL RETAINER (PSN 0102QNNNNN)	02XR44001601			
	Includes: Item #278.				
277 B	SEAL HOUSING ASY. (SSN 0102QNNNNN)	02XR04001201			
	Includes: Items #278 - 280.				
278	BUSHING	KT53XL093			
279	"O" RING (SSN 0102QNNNNN)	KK71EW212			
280	"O" RING (SSN 0102QNNNNN)	KK71EW924			
281 A	DRIVE SHAFT (PSN 0102QNNNNN)	02XR45004401			
281 B	DRIVE SHAFT (SSN 0102QNNNNN)	02XR05004404			
	Used on Fixed Ring Diffuser compressors only.				
281 C	DRIVE SHAFT (SSN 0102QNNNNN)	02XR45012501			
	Used on Split Ring Diffuser compressors only.				
282	"V" RING (INNER) (PSN 0102QNNNNN)	KK71HT016			
283	"V" RING (OUTER) (PSN 0102QNNNNN)	KK71HT014			
284	"O" RING (2.50"OD) (PSN 0102QNNNNN)	KK71EW228			
285	WASHER	AU51YA391			
286	PELLET (1/8" DIA) (PSN 0102QNNNNN)	19EA411031			
287	ROLL PIN (11/16" LG)	AX14CA044			
288	KEY	19D211391			

PARTS LIST CATALOG

PARTS LIST PAGE: 008

CATALOG NO.:
SUPERSEDES :

REV.
REV.

NOTE: SEE "CATALOG NOTES" ON LAST PAGE FOR EXPLANATION OF SYMBOLISM.



**CENTRIFUGAL CHILLER
(INCLUDES 19XR & 19XRV
INFORMATION)**

19XR

SIZE: 4
SERIES: JOURNAL

ITM	PART DESCRIPTION	19XR-FR#4			
		COMPR. SIZE			
	GUIDE VANE & BLADE RING				
289	MOTOR,ACTUATOR (PIC I MACH.)	HF26BB026			
	Includes: Items #290 - 291.				
290	POTENTIOMETER (PIC I)	AD-718-702			
291	MODULE,DRIVE (PIC I)	CP-8391-920			
292	MOTOR,ACTUATOR (PIC II & III MACH.)	HF26BB030			
	Used prior to serial number 2713Qnnnnn.				
	Includes: Item #293.				
292 A	MOTOR,ACTUATOR (PIC II & III MACH.)	HF26BB031			
	Used after serial number 2713Qnnnnn.				
	Includes: Item #293.				
293	POTENTIOMETER (PIC II & III MACH.)	AD-718-704			
294	MOUNTING PLATE (ABS)	02XR05002801			
295	CHAIN GUARD (ABS)	02XR05003301			
296	CHAIN KIT (#35) (3/8" PITCH)	19FA660016			
297	SPROCKET,HUB (PSN 0102QNNNNN)	17FA5021583			
298 A	SPROCKET,DRIVE (PSN 0102QNNNNN)	17FA5021712			
298 B	SPROCKET,DRIVE (SSN 0102QNNNNN)	02XR05009201			
299 A	SPROCKET,SHAFT (PSN 0102QNNNNN)	17FA5121543			
299 B	SPROCKET,SHAFT (SSN 0102QNNNNN)	02XR05005701			
300	EXPANSION NUT (PSN 0102QNNNNN)	(9) AT99RA101			
301	SET SCREW (5/16-18 X 1/2" LG)	(2) AE12AA196			
302	SPACER (1/2") (PSN 0102QNNNNN)	(3) 17FA5021762			
303	SPACER (1-1/8") (PSN 0102QNNNNN)	(2) 02XR45006202			
304	SPACER (1-7/8")	(2) 02XR45006201			
305	KEY	17FA5021782			
	TERMINAL ARRANGEMENT				
306	SPRING WASHER (LO-VOLT)(INTERNAL)	(6) AU51AS391			
307	LO-VOLTAGE TERMINAL ASY.	(6) 02XR45004301			
	Includes: Item #308.				
308	LO-VOLT TERMINAL "O" RING	(6) KK71EW924			
309	LO-VOLTAGE TERMINAL FOAM PAD	19XR45002001			
310	LO-VOLTAGE TERMINAL FRAME ASY.	19XR44000401			
311	THERMAL INSULATOR (1 1/8" OD)	(6) 02XB05001801			
312	N INSULATING SLEEVE,LO-VOLT TERMS.	(6) LF33MM112			
313	N INSULATING SLEEVE,LO-VOLT TERMS.(VFD	(6) LF33MM112			
314	N INSULATING PUTTY,MED-VOLT TERMS.	19EA4111102			
315	N ELECTRICAL TAPE,MED-VOLT TERMS.	19EA4111112			
316	HI-VOLTAGE TERMINAL ASY.	(3) 19XR660064			
	Consists of all parts included in the rebuild kit. If only rebuilding				
	terminal see rebuild kit item #319. Also includes items #317 & #318.				
317	HI-VOLTAGE TERM. O-RING (INNER)	(3) KK71EW325			
318	HI-VOLTAGE TERM. O-RING (OUTER)	(3) KK71EW311			
319	HI-VOLTAGE TERMINAL REBUILD KIT	19XR660018			
	Consists Of Hex Nut, Washer, Sleeves And O-Rings It# 317 & 318.				
320	HI-VOLTAGE TERMINAL STUD	(3) 02XB05003101			

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NOTE: SEE "CATALOG NOTES" ON LAST PAGE FOR EXPLANATION OF SYMBOLISM.



**CENTRIFUGAL CHILLER
(INCLUDES 19XR & 19XRV
INFORMATION)**

19XR

SIZE: 4 **4**
SERIES: JOURNAL

ITM	PART DESCRIPTION	19XR-FR#4			
		COMPR. SIZE			
	TERMINAL ARRANGEMENT				
	Terminal Stud May Req. Field Modification Before Installation.				
321	HI-VOLTAGE CONNECTOR LUG	(3) 02XB05002901			
322	HI-VOLTAGE TERMINAL FOAM PAD	19XR45001501			
323	HI-VOLTAGE TERMINAL FOAM PAD	19XR75001401			
324	HI-VOLTAGE TERMINAL,FRAME ASY.	19XR44001201			
325	"O" RING (TERMINAL PLATE)	(2) KK71EW128			
	LUBRICATION PACKAGE				
326 A	OIL PUMP ASY (200/240-60)W/OIL FILTE	02XB34008901			
326 B	OIL PUMP ASY (380/480-60)W/OIL FILTE	02XB34008902			
326 C	OIL PUMP ASY (507/619-60)W/OIL FILTE	02XB34008905			
326 D	OIL PUMP ASY (220/240-50)W/OIL FILTE	02XB34008903			
326 E	OIL PUMP ASY (346/440-50)W/OIL FILTE	02XB34008904			
	Note: Oil Pump Assembly It #326 Includes Internal Oil Filter.				
	Oil Pump Assemblies Include Items That Make Up Service Packages.				
327 A	OIL PUMP ASY (200/240-60)W/O OIL FIL	02XR44050601			
	Note: Old vane style pumps are NLA. New Gerotor Pumps are replacement.				
327 B	OIL PUMP ASY (380/480-60)W/O OIL FIL	02XR44050602			
	Note: Old vane style pumps are NLA. New Gerotor Pumps are replacement.				
327 C	OIL PUMP ASY (507/619-60)W/O OIL FIL	02XR44050605			
	Note: Old vane style pumps are NLA. New Gerotor Pumps are replacement.				
327 D	OIL PUMP ASY (220/240-50)W/O OIL FIL	02XR44050603			
	Note: Old vane style pumps are NLA. New Gerotor Pumps are replacement.				
327 E	OIL PUMP ASY (346/440-50)W/O OIL FIL	02XR44050604			
	Note: Old vane style pumps are NLA. New Gerotor Pumps are replacement.				
	Note: Oil Pump Asy It# 327 Are Used With External Inline Oil Filter.				
	Oil Pump Assemblies Include Items That Make Up Service Packages.				
328 A	N SERVICE PKG,STATOR (FOR IT#326 ONLY)	02XB34013801			
	Note: Stator Good For A Minimum Of 346V To Maximum Of 619V, All Hertz.				
328 B	N SERVICE PKG,STATOR (FOR IT#326 ONLY)	02XB34013802			
	Note: Stator Good For A Minimum Of 200V To Maximum Of 240V, All Hertz.				
328 C	N SERVICE PKG,STATOR (FOR IT#327 ONLY)	X			
	Note: Stator Good For A Minimum Of 346V To Maximum Of 619V, All Hertz.				
328 D	N SERVICE PKG,STATOR (FOR IT#327 ONLY)	X			
	Note: Stator Good For A Minimum Of 200V To Maximum Of 240V, All Hertz.				
328 E	N SERVICE PKG,ROTOR (FOR IT#326 ONLY)	02XB34011301			
	Can only be used on 60hz pumps with oil filter attached.				
328 F	N SERVICE PKG,ROTOR (FOR IT#326 ONLY)	02XB34011302			
	Can only be used on 50hz pumps with oil filter attached.				
329	MACHINE COVER	02XB35025501			
330	COVER,MOTOR END	02XR05008901			
331	COVER,PUMP END	17CA611492			
332	HOUSING,PUMP	02XR45050201			
333	PUMP SHAFT (VANE STYLE)	02XB35025401			
334	PUMP SHAFT (GEROTOR STYLE)	02XR45050601			
335	ROTOR (COPELAND)	02XB05002401			

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CENTRIFUGAL CHILLER
(INCLUDES 19XR & 19XRV
INFORMATION)

19XR

SIZE: 4 4
SERIES: JOURNAL

ITM	PART DESCRIPTION	19XR-FR#4			
		COMPR. SIZE			
	LUBRICATION PACKAGE				
336	SLEEVE (LONG)	02XB35024601			
337	SLEEVE (SHORT)	02XB35024701			
338	PUMP VANE (VANE STYLE)	(4) 02XB35025301			
339	PUMP ELEMENT (GEROTOR STYLE)	02XR45050301			
340	CLAMPING RING	19D211011			
341	DOWEL PIN (3/4" LONG)	(2) AX11AR168			
342	DOWEL PIN (1-1/4" LONG)	(2) AX11AR132			
343	HEX HD CAP SCREW (1/2-13 X 4")	N.S.S			
344	SOCK.HD SCREW (5/16-18 X 3/4")	N.S.S			
345	PIPE PLUG (1/8")	CA63AA001			
346	PLUG (W/"O" RING)	(2) CA63AM200			
347	"O" RING	KK71EW905			
348	SCREW (5/16-18 X 1-1/4LG)	AA44AA202			
349	SET SCREW (1/4-20 X 7/16")	(2) AE64FR166			
350	SET SCREW (1/4-20 X 1/2")	(2) AE17AR166			
351	"O" RING (HERM TERM) (2 1/16"OD)	KK71EW134			
352	HERMETIC TERMINAL (5 PIN)	HY85FP032			
353	"O" RING (PUMP W/O FILTER)	KK71EW263			
354	"O" RING (PUMP W/FILTER)	KK71EW257			
355	"O" RING	KK71EW165			
356 A	RELIEF VALVE ASY (PSN 0102QNNNNN)	02XB34012201			
356 B	RELIEF VALVE ASY (SSN 0102QNNNNN)	02XR54003001			
357	PISTON	02XR05012501			
358	SPRING	02XR05010301			
359	PLUNGER	02XR04003801			
360	CAP, VALVE	EN99ZA006			
361	"O" RING (1 3/16"OD)	KK71EW023			
362	VALVE, SHUT OFF	02XR04003001			
362 A	COUPLING (7/8 FLARE X 3/4 NPT)	DD07DA502			
363	VALVE (3/8")	EP23LA155			
364	O-RING	KK71EW916			
365 A	OIL COOLER (PSN 0102QNNNNN)	02XB35031301			
365 B	OIL COOLER (SSN 0102QNNNNN)	02XR05005401			
366	BRACKET, OIL COOLER	(2) 02XB35031601			
367	"O" RING (1 7/8"OD)	KK71EW223			
368	N FILTER KIT	02XB660004			
	Includes: Items #369 - 370.				
	Oil filters attached to oil pump used on machines PSN 5201Qnnnnn. for				
	newer machines see item #378.				
369	FILTER CORE	KH09AZ003			
370	"O" RING (4 5/8"OD)	KK71EW245			
371	ROD (FILTER SUPPORT)	02XB35015201			
372	HEX LOCK NUT (5/16-18)	AT55BA201			
373	FILTER RETAINER	02XB35014901			
374	FITTING, FEMALE ROTALOCK	02XR05005101			



**CENTRIFUGAL CHILLER
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19XR

SIZE: 4 **4**
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ITM	PART DESCRIPTION		19XR-FR#4		
			COMPR. SIZE		
	LUBRICATION PACKAGE				
375	FITTING,MALE ROTALOCK		02XR05005201		
376	SEAL,TEFLON		02XR05009101		
377	CLAMP,IN-LINE OIL FILTER	(2)	02XR05009602		
	Inline oil filter are used on machines built SSN 52010nnnnn. For older machines see item #368.				
378	OIL FILTER,INLINE (W/SEAL)		02XR05006201		
	Inline oil filter are used on machines built SSN 51010nnnnn. For older machines see item #368.				
378 A	SEAL,ROTOLOC		183802-A		
380 A	VALVE,SHUTOFF (USED PRIOR TO 2002)		EN07AA285		
380 B	VALVE,SHUTOFF (USED AFTER 2001)	(2)	02XR05005001		
	Used on compressors with external inline oil filters.				
	CCN/PIC CONTROLS				
381	PIC I CONTROL USED UNTIL WK#28 1998		PIC.I.CONTROLS		
	Note: See Service Bulletin C9831 For More Details.				
381 A	POWER PANEL ASY,BASIC (PIC I)		19XR04000101		
381 B	POWER PANEL ASY,OPTIONS (PIC I)		19XR04000102		
381 C	POWER PANEL ASY,BASIC (FR#7,8 PIC I)		19XR04000103		
381 D	POWER PANEL ASY,OPTIONS (FR#7 PIC I)		19XR04000104		
	Includes: Items #382 - 396.				
382	TRANSFORMER (21V) (T1)		HT01BD113		
383	TRANSFORMER (24V) (T2) & (T3)		HT01AW235		
384	TRANSFORMER ASY (OPTIONS)(T4)		HT01BD113		
	Includes: Items #385 - 387.				
385	N TRANSFORMER (21V)		HT01BD113		
386	N PLUG		HY06MP081		
387	N PIN	(3)	HY57MP019		
388	CONTACTOR(3 POLE)(OIL PUMP/HEATER)	(2)	HN53CC024		
389	AUXILIARY CONTACTOR (SIDE MOUNT)		X		
390	PRESSURE SWITCH,DIFF.		HK06UB011		
391	BARRIER		19XB05000401		
392	TERMINAL BLOCK		19XB05002301		
393	VOLTAGE SELECTOR SWITCH		HR67ZZ125		
394	WIRE HARNESS (15 WIRE) 5AMP		19XB04002501		
395	GROUND LUG		HY90HR001		
396 A	COVER ASY (W/LABEL) (FR# 5,6 ONLY)		19XR04000501		
396 B	COVER ASY (W/LABEL) (FR# 7 ONLY)		19XR04000502		
397	PIC I CONTROL USED UNTIL WK#28 1998		PICICONTROLS		
	Note: See Service Bulletin C9831 For More Details.				
397 A	CONTROL PANEL ASY, BASIC (PIC I)		19XR04000301		
397 B	CONTROL PANEL ASY, OPTIONS (PIC I)		19XR04000302		
397 C	CONTROL PANEL ASY, BASIC (FR# 7 PIC		19XT04002101		
397 D	CONTROL PANEL ASY, OPTIONS (FR# 7 PI		19XT04002102		
	Includes: Items #398 - 433.				
398 A	PANEL ASY (SHT. MTL.) (FR# 5,6 ONLY)		19XR04000401		

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NOTE: SEE "CATALOG NOTES" ON LAST PAGE FOR EXPLANATION OF SYMBOLISM.



CENTRIFUGAL CHILLER
(INCLUDES 19XR & 19XRV
INFORMATION)

19XR

SIZE: 4
SERIES: JOURNAL 4

ITM	PART DESCRIPTION	19XR-FR#4			
		COMPR. SIZE			
	CCN/PIC CONTROLS				
398 B	PANEL ASY (SHT. MTL.) (FR# 7 ONLY)	19XR04003101			
	Includes: Items #399 - 400.				
399	ANGLE,SUPPORT	19XB05001101			
400	HINGE	19XB05001201			
401	DOOR PANEL ASY	19EX04000501			
402	CAM LOCK (W/KEYS)	KA19NL010			
403	LID ASY (LOCAL INTERFACE DISPLAY)	CES0130036			
404	LID BATTERY (SEE SB C9623)	CEC0120803-01			
405	RELAY BOARD (6 PACK)	HK35AA003			
406	POWER SUPPLY/COMPARITOR (5V DC)	HK35AA007			
407	MODULE ASY (PSIO)	19XR04017404			
408	PSIO BATTERY (SEE SB C9623)	CEC0120803-01			
409	CIRCUIT BREAKER (3.2 AMPS)	(4) HH83ZB001			
410	RUBBER BUMPER	(2) KA58MR001			
411	RESISTOR (4.3K)	X			
412	N WIRE HARNESS ASY (15 WIRE)	19XR04008201			
413	N WIRE HARNESS ASY (6 WIRE)	19XB04002401			
414	WIRE HARNESS ASY (5 WIRE)	19XR04009601			
415	N WIRE ASSEMBLY (RESISTORS)	19XB04003301			
	Includes Item #416.				
416	N RESISTOR (10K 1/2 W)	(3) HT21AZ110			
417	N CABLE ASY(COMPR. SUMP OIL TEMP)	HH79NZ064			
418	N CABLE ASY(MTR. WINDING TEMP)	19EX04001601			
419	N CABLE ASY(THRUST BEARING TEMP)	19EX04001602			
420	N CABLE ASY(COOL. LEAVING WATER TEMP)	HH79NZ064			
421	N CABLE ASY(COOL. ENTERING WATER TEMP)	HH79NZ064			
422	N CABLE ASY(COND. LEAVING WATER TEMP)	HH79NZ064			
423	N CABLE ASY(COND. ENTERING WATER TEMP)	HH79NZ064			
424	N CABLE ASY(GUIDE VANE ACUATOR)	19EX54002701			
425	N CABLE ASY(COMPR. DISCH. TEMP)	HH79NZ064			
426	N CABLE ASY(COMPR. OIL PRESS.)	19XB660008			
427	N CABLE ASY(COND. & COOL. PRESS.)	19XB660008			
428	N CABLE ASY(STARTER COMMUNICATION)	19XB660008			
429	N CONNECTOR PLUG (4 PIN) (SIDE PSIO)	HY84EE004			
430	N CONNECTOR PLUG (3 PIN) (SIDE PSIO)	HY84EE003			
431	N CONNECTOR PLUG (18 PIN)	(3) HY84EE021			
432	N CONNECTOR PLUG (6 PIN)	HY06MP106			
433	N CONNECTOR PLUG (2 PIN)	HY06AM015			
434	MODULE (INPUT)(OPTIONS PANEL ONLY)	HK50AA006			
435	TEMPERATURE SENSOR (W/BOX NOZZLE)	(4) HH79NZ059			
436	TRANSDUCER,PRESSURE(COOL/COND)(PIC 1	(2) HK05YZ007			
437	N STARTER MANAGEMENT MODULE (SMM)	CES0121319-01			
438	N TEMP SENSOR PKG (SHIPPED IN CONT BOX	X			
	Includes: Items #439 - 440.				
439	N SENSOR (20 FT LEAD)	X			

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NOTE: SEE "CATALOG NOTES" ON LAST PAGE FOR EXPLANATION OF SYMBOLISM.



**CENTRIFUGAL CHILLER
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INFORMATION)**

19XR

SIZE: 4
SERIES: JOURNAL

ITM		PART DESCRIPTION	19XR-FR#4			
			COMPR. SIZE			
		CCN/PIC CONTROLS				
440	N	MALE CONNECTOR	X			
		PIC II & PIC III CONTROLS GROUP				
441		PIC II/III CONTROLS AFTER WK#28 1998	PIC.II.&.III.CONTROL			
		Note: See Service Bulletin C9831 For More Details.				
441 A		CONTROL PANEL (PIC II)(STANDARD)(CVC	19XR04016401			
		Note: Used On Machines With A Serial Number Prior To 4101QXXXXX.				
441 B		CONTROL PANEL (PIC II)(W/DATAPORT)(C	19XR04016402			
		Note: Used On Machines With A Serial Number Prior To 4101QXXXXX.				
441 C		CONTROL PANEL (PIC II)(W/DATALINK)(C	19XR04016403			
		Note: Used On Machines With A Serial Number Prior To 4101QXXXXX.				
441 D		CONTROL PANEL (PIC II)(STANDARD)(ICV	X			
		Note: Used On Machines With A Serial Number After 4101QXXXXX And Without a VFD Or With A Liquid Flo I VFD.				
441 E		CONTROL PANEL (PIC II)(W/DATAPORT)(I	X			
		Note: Used On Machines With A Serial Number After 4101QXXXXX And Without A VFD Or With A Liquid Flo I VFD.				
441 F		CONTROL PANEL (PIC II)(W/DATALINK)(I	X			
		Note: Used On Machines With A Serial Number After 4101QXXXXX And Without A VFD Or With A Liquid Flo I VFD.				
441 G		CONTROL PANEL (PIC III) (STANDARD)	X			
		Note: Used On Machines With A Serial Number After 4101QXXXXX And With a Liquid Flo II VFD.				
441 H		CONTROL PANEL (PIC III) (W/DATAPORT)	X			
		Note: Used On Machines With A Serial Number After 4101QXXXXX And With a Liquid Flo II VFD.				
441 J		CONTROL PANEL (PIC III) (W/DATALINK)	X			
		Note: Used On Machines With A Serial Number After 4101QXXXXX And With a Liquid Flo II VFD.				
442		TERMINAL BLOCK	23XL05007901			
443 A		CONTROLLER,CHILLER VISUAL (CVC)	19XR04011605			
		Note: Used On Machines With A Serial Number Prior To 4101QXXXXX				
443 B		CONTROLLER,CHILLER VISUAL (ICVC)	19XR04023407			
		Note: Used On PIC II Machines With a Serial Number After 4101QXXXXX				
443 C		CONTROLLER,CHILLER VISUAL (ICVC)	19XR04029402			
		Note: Used On PIC III Machines with Liquid-Flo II VFD's.				
444		MODULE,CHILLER CONTROL (CCM)	CES0130038			
445		CIRCUIT BREAKER (CB)	(2) HH832B001			
446		RESISTOR (4.3K) (TERM. 7 TO 8)	HT21A2111			
		Resistor (4.3 KOHM, 1/2 WATT) referenced in SB-C0302				
447		RESISTOR (10K) (TERM. 11 TO 12)	HT21A2110			
448		CAM LOCK (W/KEYS)	KA19NL010			
449		BUMBER,RUBBER	(2) KA58MR001			
450		BOLT,SHOULDER (SPECIAL)	(2) 19XR05007401			
451		COVER,PANEL	19XR05007501			
452 A		MODULE,DATAPORT OPTION	CEPL130363-01			

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NOTE: SEE "CATALOG NOTES" ON LAST PAGE FOR EXPLANATION OF SYMBOLISM.



**CENTRIFUGAL CHILLER
(INCLUDES 19XR & 19XRV
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19XR

SIZE: 4 **4**
SERIES: JOURNAL

ITM	PART DESCRIPTION	19XR-FR#4			
		COMPR. SIZE			
	PIC II & PIC III CONTROLS GROUP				
452 B	MODULE,DATALINK OPTION	CEFA121549-02			
453	BATTERY	CEC0120803-02			
454	CONNECTOR (6 PIN) (J12)	HY06MP106			
455	CONNECTOR (5 PIN) (J1 ON CVC)	HY07MP505			
456	CONNECTOR (2 PIN)	HY06AM015			
457	CONNECTOR (3 PIN)	HY84EE103			
458	CONNECTOR (4 PIN)	HY84EE104			
459	CONNECTOR (6 PIN)	HY84EE106			
460	CONNECTOR (12 PIN) (MARKED 1-12)	HY84EE112			
461	CONNECTOR (12 PIN) (MARKED 13-24)	HY84EE132			
462	CONNECTOR (14 PIN) (MARKED 1-14)	HY84EE114			
463	CONNECTOR (14 PIN) (MARKED 15-28)	HY84EE134			
464	CABLE,PRESS. TRANSDUCER (3 WIRE)	19XB660008			
465	CABLE,TEMPERATURE SENSOR (2 WIRE)	HH79NZ064			
466	WIRE HARNESS (10 WIRE)	19XR04010701			
467	BRACKET,MOUNTING (DL & DP MODULE)	19XR05013701			
468	CABLE ASY (CCM TO CVC)	19XR05009701			
469	CAPACITOR	X			
470	SENSOR,TEMP. (WELL INSERTION)	(3) HH79NZ031			
	Note: Included With Control Panels Installed On Machines With Serial Numbers After 4101QXXXXX. For Direct Insertion Temp. Sensors See Items #490 or #490a. Compr. Disch. & Sump Temp, Cooler Saturation Temp. Sensor Includes Intergral Cable.				
471	SENSOR,TEMP. (WELL INSERTION)	(4) HH79NZ032			
	Note: Included With Control Panels Installed On Machines With Serial Numbers After 4101QXXXXX. For Direct Insertion Temp. Sensors See Item #490. Cooler & Condenser Entering And Leaving Temp. Sensor Includes Sensor Includes Intergral Cable.				
472	WELL,TEMP. SENSOR (USED W/IT 470 & 4	19EF5011212			
473	SENSOR,HUMIDITY (FLOTTRONIC II VFD)	23XR04007701			
474	PIC II/III CONTROLS AFTER WK#28 1998	PIC.II.&.III.CONTROL			
	Note: See Service Bulletin C9831 For More Details.				
475 A	POWER PANEL ASY (PIC II) (SEE NOTE!)	19XR04009901			
	Note: (Standard) Used On Machines With A Serial Number Prior To 4101Q And Without A VFD Or With A Liquid Flo I VFD.				
475 B	POWER PANEL ASY (PIC II) (SEE NOTE!)	19XR04009901			
	Note: (Standard) Used On Machines With A Serial Number After 4101Q And Without A VFD Or With A Liquid Flo I VFD.				
475 C	POWER PANEL ASY (PIC II) (SEE NOTE!)	19XR04023001			
	Note:(Dataport/Link) Used On Machines With A Serial Number After 4101Q And Without A VFD Or With A Liquid Flo I VFD.				
475 D	POWER PANEL ASY (PIC II) (SSN 5101Q)	19XR04018101			
	Note: Standard Power Panel.				
475 E	POWER PANEL ASY (PIC II) (SSN 5101Q)	19XR04021801			
	Note: Dataport & Datalink Power Panel.				

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**CENTRIFUGAL CHILLER
(INCLUDES 19XR & 19XRV
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19XR

SIZE: 4
SERIES: JOURNAL

ITM	PART DESCRIPTION	19XR-FR#4			
		COMPR. SIZE			
	PIC II & PIC III CONTROLS GROUP				
475 F	POWER PANEL ASY (PIC III) (SEE NOTE!	X			
	Note: (Standard) Used On Machines With A Liquid Flo II VFD.				
475 G	POWER PANEL ASY (PIC III) (SEE NOTE!	X			
	Note: (Dataport/Link) Used On Machines With A Liquid Flo II VFD.				
476	COVER,PANEL	19XB05000301			
477	BARRIER	19XB05000401			
478	TRANSFORMER (T1)	HT01AW235			
479	TRANSFORMER (T2)	HT01AW235			
480	TRANSFORMER (T3)	X			
481	TERMINAL BLOCK	19XR05013101			
482	CONTACTOR (OIL HEATER)	HN53CC024			
483	AUXILIARY CONTACTOR (SIDE MOUNT)	X			
484	CONTACTOR (OIL PUMP)	HN53HC023			
485	GROUND LUG	HY90HR001			
486	ACCESS PANEL,LOW VOLTAGE	X			
487	MOUNTING BRACKET,CONTROL PANEL	19XR04010001			
488	MOUNTING BRACKET,POWER PANEL	X			
489	TRANSDUCER,PRESSURE	(7) HK05YZ007			
490	SENSOR,TEMPERATURE (DIRECT INSERTION	(5) HH79NZ047			
	Note: Direct Insertion Type Used On Machines With Serial Numbers				
	Prior To 4101QXXX. For Well Insertion Type See Items 470 & 471.				
490 A	SENSOR,TEMPERATURE (DIRECT INSERTION	HH79NZ059			
	Note: Direct Insertion Type Used On Machines With Serial Number Prior				
	To 4101QXXX. For Well Insertion See Item #470. For Compressor				
	Discharge Discharge Only.				
491	INTEGRATED STARTER MODULE W/SCHEMATI	19XR04012202			
492 A	FUSE,ISM (USED W/19XR04002201)	X			
492 B	FUSE,ISM (USED W/19XR04002202)	GDB-1A			
493	CABLE ASY (VFD FLO II SOLENOID)	19XR04029501			
	MACHINE ARRANGEMENT & PIPING				
494	0-RING (VFD COOL.)(2-BOLT FLANGE CON	(2) KK71EW118			
495	FLANGE,FLAT FACED (VFW COOLING CONN.	(2) DK25CA314			
496	FLANGE,0-RING GROOVE (VFW COOLING CO	(2) DK24CA315			
497 A	VALVE,EXP.(VFW STARTER)(414 AMP)	02XR05003902			
497 B	VALVE,EXP.(VFW STARTER)(500/643 AMP)	02XR05003901			
498	VALVE,SOLENOID (LIQ FLO 2 VFD)	23XR05006601			
	Solenoid coil is included.				
498 A	COIL,SOLENOID	23XR680019			
499	VALVE,BALL (LIQ FLO 2 VFD)	EP71BA201			
500	CONNECTOR,BRAZE (THREADED CONN.)	(2) DF34CA019			
501	0-RING (VFD COOL.)(THREADED CONN.)	(2) KK71EW016			
502	SLEEVE,BRAZE 0-RING FACE SEAL)	(2) DF02CA025			
503	NUT (0-RING FACE SEAL)	(2) DF01CA007			
504	STRAINER,REFRIGERANT (FLO II VFD)	23XR05015401			
505	GASKET,RING (3")	(3) CT99QX501			

PARTS LIST CATALOG

PARTS LIST PAGE: 016

CATALOG NO.:
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NOTE: SEE "CATALOG NOTES" ON LAST PAGE FOR EXPLANATION OF SYMBOLISM.



CENTRIFUGAL CHILLER
(INCLUDES 19XR & 19XRV
INFORMATION)

19XR

SIZE: 4
SERIES: JOURNAL

ITM	PART DESCRIPTION	19XR-FR#4			
		COMPR. SIZE			
	MACHINE ARRANGEMENT & PIPING				
506	GASKET,RING (4")	(2)	CT99QX601		
507	GASKET,RING (5")		X		
508	GASKET,RING (6")		X		
509	GASKET,RING (8")		X		
510	GASKET,RING (10")	(3)	CT99QN851		
511	GASKET,RING (12")	(2)	CT99QN951		
512	GASKET,RING (16")		CT99QX960		
513	VALVE,RELIEF (COND. FR# 5,6,7)		19EB660005		
514	VALVE,RELIEF (COOL. FR# 5,6,7)	(2)	19EB660005		
515	VALVE,SHUTOFF (1") (FR# 5,6,7)	(2)	EP83CC301		
516	FILTER,REFRIGERANT (OIL RECLAIM)		KH42ME060		
517	"0" RING		KK71EW223		
518	"0" RING		KK71EW223		
519	"0" RING (4-BOLT FLANGE)		KK71EW229		
520	VALVE,BALL (3/8")	(2)	EP71BA121		
521	SIGHTGLASS		AMI1SS3		
522 A	"0" RING,DRAIN (FR# 5,6 COND.)		KK71EW243		
522 B	"0" RING,DRAIN (FR# 7 COND.)		KK71EW262		
523	GASKET,COND. DRAIN (FR# 5,6 COND.)		19XR55003301		
	Note: Used Prior To s/n 0197JXXXXX....After See Item 522a.				
524	VALVE,BALL (1.5") (VESSELS FR# 5,6,7		EP71CQ422		
525 A	VALVE,BALL (5/8") (VESSELS FR# 5,6)	(2)	900204		
	Used prior to serial number 0102Qnnnnn.				
525 B	VALVE,BALL(5/8") (VESSELS FR# 5,6)		EP71BA211		
	Used subsequent to serial number 0102Qnnnnn.				
525 C	VALVE,BALL (7/8") (VESSELS FR# 7)	(2)	900307		
526 A	DRIER,FILTER (5/8") (VESSELS FR# 5,6		KH45LE120		
526 B	DRIER,FILTER (7/8") (VESSELS FR# 7)		KH45LE171		
	Note: This Filter Drier Is Used With Sweated Joints. For Alternative See Item 526c.				
526 C	DRIER,FILTER (7/8") (7)(SEE NOTE)		19XR680047		
	Note: Used With Rotoloc Fittings. For First Time Installation 2 Item 526d's Must Also Be Ordered.				
526 D	ROTALOC FITTING 7/8 (SEE NOTE)	(2)	02XR05005101		
527 A	INDICATOR,MOISTURE (5/8") (FR# 5,6)		KM43BS062		
527 B	INDICATOR,MOISTURE (7/8") (FR# 7)		KM43AG501		
528	CAP,SERVICE VALVE	(3)	99CC409372		
529 A	VALVE,SERVICE (1/2") (LEVER TYPE)	(3)	EP71CQ182		
529 B	VALVE,SERVICE (1/2")	(3)	EP71CZ182		
530	ELL CONNECTOR (3/4 X 1-1/16-12)		02XB05000701		
530 A	"0" RING,CONNECTOR		KK71EW912		
531	GAUGE,PRESSURE		KM03AC256		
532	ELL CONNECTOR (3/8 X 9/16-18)		02XB05000601		
	Includes: Item #533.				
533	"0" RING,CONNECTOR		KK71EW906		

PARTS LIST CATALOG

PARTS LIST PAGE: 017

CATALOG NO. :
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NOTE: SEE "CATALOG NOTES" ON LAST PAGE FOR EXPLANATION OF SYMBOLISM.



**CENTRIFUGAL CHILLER
(INCLUDES 19XR & 19XRV
INFORMATION)**

19XR

SIZE: 4
SERIES: JOURNAL

ITM	PART DESCRIPTION		19XR-FR#4		
			COMPR. SIZE		
	MACHINE ARRANGEMENT & PIPING				
534 A	SCREEN,FLOAT VALVE(COND.FR# 5 & 6)		09XR04000401		
	Used prior to serial number 2104Qnnnnn.				
534 B	SCREEN,FLOAT VALVE (COND.FR# 5 & 6)		09XR04005701		
	Used subsequent to serial number 2104Qnnnnn.				
534 C	SCREEN,FLOAT VALVE (COND.FR# 7)		09XR04001101		
535 A	VALVE ASY,FLOAT (COND. FRAME 5 & 6)		09XR04005303		
	Includes: Items #536 - 544.				
535 B	VALVE ASY,FLOAT (COND. FRAME 7)		09XR04005304		
	Includes: Items #536 - 544.				
536	RING,RETAINING	(3)	AU45AZ025		
537	PIN,DRIVE (COND.FR 5&6)(PSN 3503Q)		09XR05001201		
538	SHAFT,FLOAT(COND.FR 5&6)(SSN 3503Q)		09XR05013002		
539	PIN,DRIVE (COND.FR 7)(PSN 3503Q)		09XR05003801		
540	SHAFT,FLOAT(COND.FR 7&8)(SSN 3503Q)		09XR05013003		
541	BEARING,FLOAT SHAFT (SSN 3503Q)	(2)	09XR05011301		
542	SPACER (PSN 3503Q) (COND.FR 5&6)	(2)	09XR05013201		
543	SPACER (SSN 3503Q) (COND.FR 5&6)	(2)	09XR05013202		
544	SPACER (SSN 3503Q) (COND.FR 7)	(2)	09XR05013203		
545	WASHER,FLOAT VALVE	(3)	AU04AV241		
546	GASKET,FLOAT VALVE(COND.FR# 5 & 6)		09XR05002001		
547	"O" RING,FLOAT VALVE(COND.FR# 7)		KK71EW468		
548	N STR. CONNECTOR (3/8 X 9/16-18)		02XB05000301		
	Includes: Item #544.				
549	N "O" RING,CONNECTOR		KK71EW906		
550 A	VALVE,BUTTERFLY (DISCH. ISOLATION)		ER39MZ861		
	Note: Used On Machines Built Prior To Week 40,2000.				
550 B	VALVE,BUTTERFLY (DISCH. ISOLATION)		19XR05016406		
	Note: Used On Machines Built After Week 40,2000.				
	Note: new flange o-rings are included with valve.				
	For complete o-ring kit see item 550c.				
550 C	O-RING KIT (FOR ITEM# 550B)(NORRISEA		540003022		
	Kit contains flange o-rings, shaft o-rings, lubrication tubes, thrust washer and disc o-rings.				
551 A	VALVE,BUTTERFLY (COOLER ISOLATION)		ER38MZ601		
	Note: Used On Machines Built Prior To Week 40,2000.				
551 B	VALVE,BUTTERFLY (COOLER ISOLATION)		19XR05016401		
	Note: Used On Machines Built After Week 40,2000.				
	Note: new flange o-rings are included with valve.				
	For complete o-ring kit see item 551c.				
551 C	O-RING KIT (FOR ITEM# 551B)(NORRISEA		540003008		
	Kit contains flange o-rings, shaft o-rings, lubrication tubes, thrust washer and disc o-rings.				
552 A	VALVE,BUTTERFLY (COOL. ISOL.) (FR#7)		ER38MZ711		
	Note: Used On Machines Built Prior To Week 40,2000.				
552 B	VALVE,BUTTERFLY (COOL. ISOL.) (FR#7)		19XR05016402		

PARTS LIST CATALOG

PARTS LIST PAGE: 018

CATALOG NO.:
SUPERSEDES :

REV.
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NOTE: SEE "CATALOG NOTES" ON LAST PAGE FOR EXPLANATION OF SYMBOLISM.



**CENTRIFUGAL CHILLER
(INCLUDES 19XR & 19XR
V INFORMATION)**

19XR

SIZE: 4 **4**
SERIES: JOURNAL

ITM	PART DESCRIPTION	19XR-FR#4 COMPR. SIZE		
MACHINE ARRANGEMENT & PIPING				
	Note: Used On Machines Built After Week 40,2000.			
	Note: new flange o-rings are included with valve.			
	For complete o-ring kit see item 552c.			
552 C	O-RING KIT (FOR ITEM# 552B)(NORRISEA	540003011		
	Kit contains body o-rings, shaft o-rings, lubrication tubes, thrust washer and disc o-rings.			
553	COOLER TUBE (SEE NOTE)	TUBE.QUANTITY		
	Note: To Obtain The Proper Tubes For Your Particular Machine Contact Your Carrier (RCD) Rep. You Must Provide Machine Serial No.			
553 A	COOLER TUBE QTY. (FR# 50,55)	431		
553 B	COOLER TUBE QTY. (FR# 51,56)	485		
553 C	COOLER TUBE QTY. (FR# 52,57)	519		
553 D	COOLER TUBE QTY. (FR# 60,65)	557		
553 E	COOLER TUBE QTY. (FR# 61,66)	599		
553 F	COOLER TUBE QTY. (FR# 62,67)	633		
553 G	COOLER TUBE QTY. (FR# 70,75)	644		
553 H	COOLER TUBE QTY. (FR# 71,76)	726		
553 I	COOLER TUBE QTY. (FR# 72,77)	790		
554	CONDENSER TUBE (SEE NOTE)	TUBE.QUANTITY		
	Note: To Obtain The Proper Tubes For Your Particular Machine Contact Your Carrier (RCD) Rep. You Must Provide Machine Serial No.			
554 A	CONDENSER TUBE QTY. (FR# 50,55)	507		
554 B	CONDENSER TUBE QTY. (FR# 51,56)	556		
554 C	CONDENSER TUBE QTY. (FR# 52,57)	602		
554 D	CONDENSER TUBE QTY. (FR# 60,65)	648		
554 E	CONDENSER TUBE QTY. (FR# 61,66)	695		
554 F	CONDENSER TUBE QTY. (FR# 62,67)	741		
554 G	CONDENSER TUBE QTY. (FR# 70,75)	781		
554 H	CONDENSER TUBE QTY. (FR# 71,76)	870		
554 I	CONDENSER TUBE QTY. (FR# 72,77)	956		
555 A	COOL. W/B GSKT. NIH 150 PSI (FR#4)	X		
555 B	COOL. W/B GSKT. NIH 300 PSI (FR#4)	X		
555 C	COOL. W/B GSKT. NIH 150 PSI (FR#5)	(2) 09XR55000801		
555 D	COOL. W/B GSKT. NIH 300 PSI (FR#5)	(2) 09XR55001001		
555 E	COOL. W/B GSKT. NIH 150 PSI (FR#6)	(2) 09XR65000801		
555 F	COOL. W/B GSKT. NIH 300 PSI (FR#6)	(2) 09XR65001001		
555 G	COOL. W/B GSKT. NIH 150 PSI (FR#7)	(2) 10XR75000401		
555 H	COOL. W/B GSKT. NIH 300 PSI (FR#7)	(2) 10XR75000401		
556 C	COND. W/B GSKT. NIH 150 PSI (FR#5)	(2) 09XR55000801		
556 D	COND. W/B GSKT. NIH 300 PSI (FR#5)	(2) 09XR55001001		
556 E	COND. W/B GSKT. NIH 150 PSI (FR#6)	(2) 09XR65000801		
556 F	COND. W/B GSKT. NIH 300 PSI (FR#6)	(2) 09XR65001001		
556 G	COND. W/B GSKT. NIH 150 PSI (FR#7)	(2) 09XR75000901		
556 H	COND. W/B GSKT. NIH 300 PSI (FR#7)	(2) 09XR75000901		
557 A	COOL. W/B GSKT. MARINE 150 PSI(FR#5)	(2) 09XR55000801		

PARTS LIST CATALOG

PARTS LIST PAGE: 019

CATALOG NO. :
SUPERSEDES :

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REV.

NOTE: SEE "CATALOG NOTES" ON LAST PAGE FOR EXPLANATION OF SYMBOLISM.



CENTRIFUGAL CHILLER
(INCLUDES 19XR & 19XRV
INFORMATION)

19XR

SIZE: 4
SERIES: JOURNAL

ITM	PART DESCRIPTION	19XR-FR#4			
		COMPR. SIZE			
	MACHINE ARRANGEMENT & PIPING				
557 B	COOL. W/B GSKT. MARINE 300 PSI(FR#5)	(2) 09XR55001001			
557 C	COOL. W/B GSKT. MARINE 150 PSI(FR#6)	(2) 09XR65000801			
557 D	COOL. W/B GSKT. MARINE 300 PSI(FR#6)	(2) 09XR65001001			
557 E	COOL. W/B GSKT. MARINE 150 PSI(FR#7)	(2) 10XR75000401			
557 F	COOL. W/B GSKT. MARINE 300 PSI(FR#7)	(2) 10XR75000401			
558 A	COND. W/B GSKT. MARINE 150 PSI(FR#5)	(2) 09XR55000801			
558 B	COND. W/B GSKT. MARINE 300 PSI(FR#5)	(2) 09XR55001001			
558 C	COND. W/B GSKT. MARINE 150 PSI(FR#6)	(2) 09XR65000801			
558 D	COND. W/B GSKT. MARINE 300 PSI(FR#6)	(2) 09XR65001001			
558 E	COND. W/B GSKT. MARINE 150 PSI(FR#7)	(2) 09XR75000901			
558 F	COND. W/B GSKT. MARINE 300 PSI(FR#7)	(2) 09XR75000901			
559	GASKET,DIVISION PLATE (25' ROLL)	19XB680001			
560	FRAME #5 COOL. MARINE W/B & DISHED H	SEE.NOTES.FOR.USAGE			
560 A	COOL. HEAD GSKT. MARINE W/B END (FR#	09XR55000801			
	Note: Used On Frame #5 Coolers, Marine W/B End Only.				
560 B	COOL. HEAD GSKT. DISHED HEAD END (FR	09XR05007002			
	Note: Used On Frame #5 Coolers, Dished Head End Only.				
561	FRAME #5 COOL. DISHED HEADS BOTH END	SEE.NOTES.FOR.USAGE			
561 A	COOL. HEAD GSKT. DISHED HEAD ENDS (F	(2) 09XR05007002			
	Note: Used On Frame #5 Coolers, Both Dished Head Ends.				
562	FRAME #6 COOL. MARINE W/B & DISHED H	SEE.NOTES.FOR.USAGE			
562 A	COOL. HEAD GSKT. MARINE W/B END (FR#	09XR65000801			
	Note: Used On Frame #6 Coolers, Marine W/B End Only.				
562 B	COOL. HEAD GSKT. DISHED HEAD END (FR	09XR05007003			
	Note: Used On Frame #6 Coolers, Dished Head End Only.				
563	FRAME #6 COOL. DISHED HEADS BOTH END	SEE.NOTES.FOR.USAGE			
563 A	COOL. HEAD GSKT. DISHED HEAD ENDS (F	(2) 09XR05007003			
	Note: Used On Frame #6 Coolers, Both Dished Head Ends.				
564	FRAME #7 COOL. MARINE W/B & DISHED H	SEE.NOTES.FOR.USAGE			
564 A	COOL. HEAD GSKT. MARINE W/B END (FR#	10XR75000401			
	Note: Used On Frame #7 Coolers, Marine W/B End Only.				
564 B	COOL. HEAD GSKT. DISHED HEAD END (FR	SEE.NOTES.FOR.USAGE			
	Note: Used On Frame #7 Coolers, Dished Head End Only.				
565	FRAME #7 COOL. DISHED HEADS BOTH END	SEE.NOTES.FOR.USAGE			
565 A	COOL. HEAD GSKT. DISHED HEAD ENDS (F	(2) 09XR05007004			
	Note: Used On Frame #7 Coolers, Both Dished Head Ends.				
566	FRAME #5 COND. MARINE W/TI TUBE SHT	SEE.NOTES.FOR.USAGE			
566 A	COND. HEAD GSKT. MARINE END (FR#5)	09XR55000801			
	Note: Used On Frame #5 Condensers, Marine W/B Head Only.				
566 B	COND. HEAD GSKT. MARINE END (FR#5)	09XR55001601			
	Note: Used On Frame #5 Condensers,Marine W/B To Mach. Connection Only.				
566 C	COND. HEAD GSKT. DISHED END (FR#5)	09XR05007002			
	Note: Used On Frame #5 Condensers, Dished Head End Only.				
567	FRAME #5 COND. MARINE W/B	SEE.NOTES.FOR.USAGE			
567 A	COND. HEAD GSKT. MARINE W/B END (FR#	09XR55000801			

PARTS LIST CATALOG

PARTS LIST PAGE: 020

CATALOG NO. :
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NOTE: SEE "CATALOG NOTES" ON LAST PAGE FOR EXPLANATION OF SYMBOLISM.



CENTRIFUGAL CHILLER
(INCLUDES 19XR & 19XRV
INFORMATION)

19XR

SIZE: 4
SERIES: JOURNAL 4

ITM	PART DESCRIPTION	19XR-FR#4			
		COMPR. SIZE			
	MACHINE ARRANGEMENT & PIPING				
	Note: Used On Frame #5 Condensers, Marine W/B End Only.				
567 B	COND. HEAD GSKT. DISHED HEAD END (FR	09XR05007002			
	Note: Used On Frame #5 Condensers, Dishd Head End Only.				
568	FRAME #5 COND. DISHED HEADS	SEE.NOTES.FOR.USAGE			
568 A	COND. HEAD GSKT. DISHED HEADS (FR#5)	(2) 09XR05007002			
	Note: Used On Frame #5 Condensers, Both Dishd Head Ends.				
569	FRAME #6 COND. MARINE W/TI TUBE SHT	SEE.NOTES.FOR.USAGE			
569 A	COND. HEAD GSKT. MARINE END (FR#6)	09XR65000801			
	Note: Used On Frame #6 Condensers, Marine W/B Head Only.				
569 B	COND. HEAD GSKT. MARINE END (FR#6)	09XR65001601			
	Note: Used On Frame #6 Condensers, Marine W/B To Mach. Connection Only.				
569 C	COND. HEAD GSKT. DISHED END (FR#6)	09XR05007003			
	Note: Used On Frame #6 Condensers, Dishd Head End Only.				
570	FRAME #6 COND. MARINE W/B	SEE.NOTES.FOR.USAGE			
570 A	COND. HEAD GSKT. MARINE W/B END (FR#	09XR65000801			
	Note: Used On Frame #6 Condensers, Marine W/B End Only.				
570 B	COND. HEAD GSKT. DISHED HEAD END (FR	09XR05007003			
	Note: Used On Frame #6 Condensers, Dishd Head End Only.				
571	FRAME #6 COND. DISHED HEADS	SEE.NOTES.FOR.USAGE			
571 A	COND. HEAD GSKT. DISHED HEADS (FR#6)	(2) 09XR05007003			
	Note: Used On Frame #6 Condensers, Both Dishd Head Ends.				
572	FRAME #7 COND. MARINE W/TI TUBE SHT	SEE.NOTES.FOR.USAGE			
572 A	COND. HEAD GSKT. MARINE END (FR#7)	09XR75001901			
	Note: Used On Frame #7 Condensers, Marine W/B Head Only.				
572 B	COND. HEAD GSKT. MARINE END (FR#7)	09XR75001901			
	Note: Used On Frame #7 Condensers, Marine W/B To Mach. Connection Only.				
572 C	COND. HEAD GSKT. DISHED END (FR#7)	09XR05007004			
	Note: Used On Frame #7 Condensers, Dishd Head End Only.				
573	FRAME #7 COND. MARINE W/B	SEE.NOTES.FOR.USAGE			
573 A	COND. HEAD GSKT. MARINE W/B END (FR#	09XR75000901			
	Note: Used On Frame #7 Condensers, Marine W/B End Only.				
573 B	COND. HEAD GSKT. DISHED HEAD END (FR	09XR05007004			
	Note: Used On Frame #7 Condensers, Dishd Head End Only.				
574	FRAME #7 COND. DISHED HEADS	SEE.NOTES.FOR.USAGE			
574 A	COND. HEAD GSKT. DISHED HEADS (FR#7)	(2) 09XR05007004			
	Note: Used On Frame #7 Condensers, Marine W/B End Only.				
575	FRAME #5 COND. W/BOLTED ON HEADS	SEE.NOTES.FOR.USAGE			
575 A	COND. W/B GSKT. W/BOLTED HEADS (FR#5	09XR55000801			
	Note: Used On Frame #5 Condensers, Marine W/B Cover Only.				
575 B	COND. W/B GSKT. W/BOLTED HEADS (FR#5	(3) 09XR55001601			
	Note: Used On Frame #5 Condensers, Marine W/B To Machine Connection,				
	Blank End To Machine Connection And Blank End Cover.				
576	FRAME #6 COND. W/BOLTED ON HEADS	SEE.NOTES.FOR.USAGE			
576 A	COND. W/B GSKT. W/BOLTED HEADS (FR#6	09XR65000801			
	Note: Used On Frame #6 Condensers, Marine W/B Cover Only.				

PARTS LIST CATALOG

PARTS LIST PAGE: 021

CATALOG NO.:
SUPERSEDES : REV.
REV.

NOTE: SEE "CATALOG NOTES" ON LAST PAGE FOR EXPLANATION OF SYMBOLISM.



CENTRIFUGAL CHILLER
(INCLUDES 19XR & 19XRV
INFORMATION)

19XR

SIZE: 4
SERIES: JOURNAL

ITM	PART DESCRIPTION	19XR-FR#4		
		COMPR. SIZE		
	MACHINE ARRANGEMENT & PIPING			
576 B	COND. W/B GSKT. W/BOLTED HEADS (FR#6	(3) 09XR65001601		
	Note: Used On Frame #6 Condensers, Marine W/B To Machine Connection,			
	Blank End To Machine Connection And Blank End Cover.			
	MIN.LOAD/HOT GAS BYPASS			
577	VALVE,SOLENOID (HGBP) (PSN 0415QXXXX	EF28BS451		
	To aid in identifying this valve comes WITH a Manual stem on underside			
	This valve is NLA. If only replacing solenoid coil see item #577a.			
	If replacing complete valve a new valve item #578 and a new coil item			
	#578a must be ordered. For valve rebuild kit see item #577b.			
577 A	COIL,SOLENOID (FOR ITEM #577)	MKC-2DUALJAU		
577 B	REBUILD KIT,VALVE (FOR ITEM #577)	KS-E42		
578	VALVE,SOLENOID (HGBP) (SSN 0415QXXXX	EF28BS452		
	To aid in identifying this valve comes WITHOUT a Manual stem on			
	underside. If only replacing solenoid coil on this valve see item			
	#578a. For valve rebuilt kit see item #578b. Valve does NOT include			
	coil.			
578 A	COIL,SOLENOID (FOR ITEM #578)	EF29ZS115		
578 B	REBUILD KIT,VALVE (FOR ITEM #578)	KS-E43		
579	VALVE,SOLENOID (HGBP)	19XR74003401		
	Used on machines with a frame 7 condenser only!			
579 A	ACTUATOR	19XR680145		
580 A	PILOT RELAY (FR# 5 & 6 COND. ONLY)	HN61KK224		
580 B	PILOT RELAY (FR# 7 & 8 COND. ONLY)	HN61KQ120		
581 A	VALVE,BALL (1-5/8") (PSN 0102QNNNNN)	EP71BA451		
581 B	VALVE,BALL (1-5/8") (SSN 0102QNNNNN)	EP71BA471		
582	O-RING (HGBP LINE) (SSN 0102QNNNNN)	KK71EW229		
	MACHINE ARRANGEMENT & PIPING			
582 A	FLANGE,FLAT FACE	DK16CB301		
582 B	FLANGE,W/O-RING GROOVE	DK16CB302		
582 C	1/2-13 X 2-1/4" LG HEX HEAD SCREWS	(4) PROCURE.LOCALLY		
582 D	1/2-13 HEX NUT	(4) PROCURE.LOCALLY		
	PUMPDOWN ASSEMBLY			
583 A	PUMPDOWN ASSEMBLY (208-3-60)	19EA411113		
583 B	PUMPDOWN ASSEMBLY (230-3-60)	19EA421113		
583 C	PUMPDOWN ASSEMBLY (400/460-3-50/60)	19EA431113		
583 D	PUMPDOWN ASSEMBLY (575-3-60)	19EA461113		
584 A	COMPRESSOR ASY (208/230-3-60)	06DM8086GC3250		
584 B	COMPRESSOR ASY (400/460-3-50/60)	06DM8086GC3650		
584 C	COMPRESSOR ASY (575-3-60)	06DM8086GC3150		
585	N GASKET SET	6D43172		
586	N VALVE PLATE PACKAGE (1-13/16" BORE	NO.LONGER.AVAILABLE		
	Includes: Items #587 - 593.			
587	N VALVE PLATE ASY	NO.LONGER.AVAILABLE		
588	N DISCHARGE VALVE	(2) 6D751062		
589	N DISCHARGE VALVE STOP	(2) 6D751052		

PARTS LIST CATALOG

PARTS LIST PAGE: 022

CATALOG NO.:
SUPERSEDES : REV.
REV.

NOTE: SEE "CATALOG NOTES" ON LAST PAGE FOR EXPLANATION OF SYMBOLISM.



CENTRIFUGAL CHILLER
(INCLUDES 19XR & 19XRV
INFORMATION)

19XR

SIZE: 4
SERIES: JOURNAL

ITM		PART DESCRIPTION	19XR-FR#4				
			COMPR. SIZE				
		PUMPDOWN ASSEMBLY					
590	N	SUCTION VALVE SPRING	(2)	6D401021			
591	N	SUCTION VALVE	(2)	6D451072			
592	N	GASKET,VALVE PLATE		6D401073			
593	N	GASKET,CYLINDER HEAD		05GA502213			
594		VALVE PLATE PACKAGE (2" BORE)		06DA660120			
		Includes: Items #595 - 603.					
595		VALVE PLATE ASY.		06DA404674			
596		GASKET,VALVE PLATE		05DA500153			
597		GASKET,CYLINDER HEAD (PLAIN)		05GA502213			
598		GASKET,CYLINDER HEAD (S.C.O.U.)		05GA502223			
599		SUCTION VALVE	(2)	06DA502903			
600		SPRING,SUCTION VALVE POSITIONING	(2)	6D401021			
601		GASKET,CYLINDER HEAD (CENTER BAN		05GA502173			
602		GASKET,VALVE PLATE (LESS I PORT)		06DA502923			
603		DOWEL PIN		7J16032			
604	N	PISTON & PIN PACKAGE	(2)	6D68962			
605	N	ECCENTRIC STRAP	(2)	5D401372			
606	N	COMPRESSION RING	(2)	AU50CP355			
607	N	BEARING HEAD ASY		06DA660060			
608	N	OIL FILTER SCREEN		6D40103			
609		SERVICE VALVE PKG. (SUCTION)		5F20660002			
		Includes: Item #610.					
610		GASKET,SUCTION VALVE		6D231421			
611		SERVICE VALVE PKG. (DISCHARGE)		06DA660060			
		Includes: Item #612.					
612		GASKET,DISCHARGE VALVE		6D231421			
613		CONDENSER ASY		19EA41531			
		Includes: Items #614 - 615.					
614		TRY COCK ASY		7F0132			
615		VALVE,LIQUID		EP12BH211			
616		COMPR.OVERLOAD(30A)(FURNAS-MAN RESET		HN68JX003			
617 A		OVERLOAD HEATER (208V)	(3)	HN71JC050			
617 B		OVERLOAD HEATER (230V)	(3)	HN71JC049			
617 C		OVERLOAD HEATER (460V)	(3)	HN71JC036			
617 D		OVERLOAD HEATER (575V)	(3)	HN71JC031			
618		CONTROL BOX COVER		07DA500002			
619		CONTROL BOX ASSEMBLY		19EA41588			
		Includes: Items #620 - 626.					
620		TERMINAL BLOCK		HY84EG017			
621		CONTACTOR		HN53CD115			
622		PRESSURE STAT		HK01UA181			
623		SWITCH,TOGGLE		HR53ZA035			
624		FUSE HOLDER		HKP-HH			
625		FUSE (3 AMP)		AGC3			
626		GROMMET		KA56XM040			

PARTS LIST CATALOG

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CATALOG NO. :
SUPERSEDES :

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NOTE: SEE "CATALOG NOTES" ON LAST PAGE FOR EXPLANATION OF SYMBOLISM.



CENTRIFUGAL CHILLER
(INCLUDES 19XR & 19XRV
INFORMATION)

19XR

SIZE: 4
SERIES: JOURNAL

ITM	PART DESCRIPTION	19XR-FR#4 COMPR. SIZE			
PUMPDOWN ASSEMBLY					
627	SAFETY HEAD	EB51LR385			
628	OIL SEPERATOR	KH31LZ008			
629	GASKET,OIL SEPERATOR	KY31LY003LA			
630	VALVE,DIAPHRAGM (1/2")	(4) A-14841			
631	VALVE,ANGLE	EP23LA211			
632	GASKET,CAPSCREW (5/16")	(4) AU51YA003			
633	GASKET,FLARE (1/2")	DD24FA151			
634	SPRING,COMPRESSOR MOUNTING	(4) 50K21231			
635	SPRING CUP,COMPRESSOR MOUNTING	(4) 50K41221			
636 A	PUMPOUT ASSEMBLY (208/230-3-50/60)	19XR04026501			
	Includes: Items #637 - 654b.				
636 B	PUMPOUT ASSEMBLY (460-3-60)	19XR04026502			
	Includes: Items #637 - 654b.				
636 C	PUMPOUT ASSEMBLY (400-3-50)	19XR04026503			
	Includes: Items #637 - 654b.				
637	COUPLING (1/2 MFL X 1/2 ODS)	(2) DE08DA202			
638	VALVE,DIAPHRAGM (5/8 ODS)	(4) EP10BA211			
639	NUT,FLARE (1/4)	(2) DD02CA051			
640	ADAPTOR (5/8 ODF X 3/8 INT FPT)	DE06DA204			
641	VALVE,RELIEF (3/8)	EB51LZ188			
642	VALVE,CHECK (5/8)	EC31EZ212			
643 A	CONTROL PANEL (208/230-3-50/60)	19XR04028201			
	Includes: Items #644 - 654b.				
643 B	CONTROL PANEL (460-3-60)	19XR04028202			
	Includes: Items #644 - 654b.				
643 C	CONTROL PANEL (400-3-50)	19XR04028203			
	Includes: Items #644 - 654b.				
644	SWITCH,HIGH PRESSURE	19XR05029201			
645	SWITCH,VACUUM	19XR05018801			
646	CONTACTOR	HN53CD115			
647 A	FUSE,PRIMARY (230V)(FU1 & FU2)	(2) KLDRI/2			
647 B	FUSE,PRIMARY (460V)(FU1 & FU2)	(2) KLDRI/4			
647 C	FUSE,PRIMARY (400V)(FU1 & FU2)	(2) KLDR4/10			
648	FUSE (FU3)	KLDRI/2			
649	BLOCK,TERMINAL (TB)	(6) 115188.11			
650	SWITCH,SELECTOR (ON/OFF)(SS1)	M3SS4-10B			
	Note: holder item number 651 should also be ordered.				
651	HOLDER,SWITCH	MCBH-00			
652	BLOCK,CONTACT (SS1)	(2) CBK-CB10			
653	HOLDER,FUSE (FU1,FU2,FU3)	(3) 030722014			
	Important! Early control boxes had three separate single fuse holders				
	for FU1, FU2 and FU3 part number 030722014 which is no longer				
	available. Currently the control boxes have a double holder for FU1 &				
	FU2 part number CHCC2D1 and a single holder for FU3 part number				
	CHCC1D1.				

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NOTE: SEE "CATALOG NOTES" ON LAST PAGE FOR EXPLANATION OF SYMBOLISM.



CENTRIFUGAL CHILLER
(INCLUDES 19XR & 19XRV
INFORMATION)

19XR

SIZE: 4
SERIES: JOURNAL

ITM	PART DESCRIPTION	19XR-FR#4			
		COMPR. SIZE			
	PUMPDOWN ASSEMBLY				
654 A	TRANSFORMER (230/460V)(XFMR)	1497-A-BASX-0-N			
654 B	TRANSFORMER (380/400/415)(XFMR)	1497-A-M4-0-N			
655	SEPARATOR,OIL	19XR05016701			
656	CONDENSER	19XR05020901			
657 A	COMPRESSOR (200/230V)	19XR05038202			
	This new compressor has Rotoloc connections. If replacing a compressor with sweat connections you must also order adaptors 19XR05038501, 19XR05038401 and seals 19XR05039301, 19XR05039302.				
657 B	COMPRESSOR (380/420/460)	19XR05038201			
	This new compressor has Rotoloc connections. If replacing a compressor with sweat connections you must also order adaptors 19XR05038501, 19XR05038401 and seals 19XR05039301, 19XR05039302.				
658	CRANKCASE HEATER (200/600V)	P041-4131			
659	NUT,FLARE (1/2)(PUMPOUT TO CLR&COND)	(4) DD01CA201			
660	COUPLING (1/2)(PUMPOUT TO CLR&COND)	(4) DD07DA201			
	CONTROL PANEL/ VAR. FREQ. DRIVE (VFD)				
661	VARI. FREQ. DRIVE (VFD)(LIQUID-FLO I	(LIQUID-FLOI)			
	Liquid-Flo I VFD's order number on data plate start with "19XVR".				
662	RUN TEST SWITCH	111-16-73-XN			
663 A	BREAKER (414 AMPS)	19XV05004901			
	Liquid-Flo I VFD's with a 19XVR0414XXX code number. See data plate.				
663 B	BREAKER (500 AMPS)	19XV05004902			
	Liquid-Flo I VFD's with a 19XVR0500XXX code number. See data plate.				
663 C	BREAKER (643 AMPS)	X			
	Liquid-Flo I VFD's with a 19XVR0643XXX code number. See data plate.				
664 A	MODULE,DRIVE (414) (ORIGINAL)	21M-41LR4060			
	Liquid-Flo I VFD's with a 19XVR0414XXX code number. See data plate.				
664 B	MODULE,DRIVE (414) (REFURBISHED)	21M-RX-41LR4060			
	Liquid-Flo I VFD's with a 19XVR0414XXX code number. See data plate.				
664 C	MODULE,DRIVE (500) (ORIGINAL)	21M-50LR4060			
	Liquid-Flo I VFD's with a 19XVR0500XXX code number. See data plate.				
664 D	MODULE,DRIVE (500) (REFURBISHED)	21M-RX-50LR4060			
	Liquid-Flo I VFD's with a 19XVR0500XXX code number. See data plate.				
664 E	MODULE,DRIVE (643) (ORIGINAL)	21M-64LR4060			
	Liquid-Flo I VFD's with a 19XVR0643XXX code number. See data plate.				
664 F	MODULE,DRIVE (643) (REFURBISHED)	21M-RX-64LR4060			
	Liquid-Flo I VFD's with a 19XVR0643XXX code number. See data plate.				
665	REGULATOR CARD	179116			
666	REMOTE METER INTERFACE CARD	2SI3000			
667 A	POWER MOD. CONTROL CARD (414 AMP	179170			
667 B	POWER MOD. CONTROL CARD (500 AMP	179134			
667 C	POWER MOD. CONTROL CARD (643 AMP	179067			
668	BUS CONTROL CARD	179069			
669	SNUBBER RESISTOR KIT	RC-SNUBBER-C			
670 A	TRANSFORMER,CURRENT (414 AMPS)	(3) 19XV05005201			

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SUPERSEDES :

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NOTE: SEE "CATALOG NOTES" ON LAST PAGE FOR EXPLANATION OF SYMBOLISM.



CENTRIFUGAL CHILLER
(INCLUDES 19XR & 19XRV
INFORMATION)

19XR

SIZE: 4 4
SERIES: JOURNAL

ITM	PART DESCRIPTION	19XR-FR#4			
		COMPR. SIZE			
	CONTROL PANEL/ VAR. FREQ. DRIVE (VFD)				
	Liquid-Flo I VFD's with a 19XVR0414XXX code number. See data plate.				
670 B	TRANSFORMER,CURRENT (500 AMPS)	(3) 19XV05005202			
	Liquid-Flo I VFD's with a 19XVR0500XXX code number. See data plate.				
670 C	TRANSFORMER,CURRENT (643 AMPS)	(3) 19XV05005202			
	Liquid-Flo I VFD's with a 19XVR0643XXX code number. See data plate.				
671	FUSE ASSEMBLY	(2) 19XV05005401			
672	RELAY	(3) 19XV05005502			
673	DISCONNECT SWITCH (W/HANDLE)	19XV05005601			
674	GUARD,FAN	19XV05002501			
675	FAN	19XV05002502			
676 A	HANDLE,CIRCUIT BREAKER (414 AMP)	19XV04004301			
	Liquid-Flo I VFD's with a 19XVR0414XXX code number. See data plate.				
676 B	HANDLE,CIRCUIT BREAKER (500 AMP)	19XV04004302			
	Liquid-Flo I VFD's with a 19XVR0500XXX code number. See data plate.				
676 C	HANDLE,CIRCUIT BREAKER (643 AMP)	19XV04004303			
	Liquid-Flo I VFD's with a 19XVR0643XXX code number. See data plate.				
677	METER KIT	19XV05006601			
	Includes: Amp-meter current transformer, AC amp-meter switch, AC volt-meter, AC voltmeter 0-600v, AC amp-meter 0-800 amps.				
677 A	AMMETER	21T-MISC-B-AM1			
677 B	AMMETER SWITCH	21T-MISC-B-AS1			
677 C	VOLTMETER	21T-MISC-B-VM1			
677 D	VOLTMETER SWITCH	21T-MISC-B-VS1			
677 E	CURRENT TRANSFORMER	2100R-CTJ7A			
678 A	TRANSFORMER,POTENTIAL (60 HERTZ)	(2) 19XV05007101			
	Liquid-Flo I VFD's all 60 hertz models.				
678 B	TRANSFORMER,POTENTIAL (50 HERTZ)	(2) 19XV05007102			
	Liquid-Flo I VFD's all 50 hertz models.				
679	TRANSFORMER	19XV05007201			
680	CIRCUIT BREAKER	19XV05007501			
681	FUSE (1 AMP)	(3) ATQR-1			
682	FUSE (15 AMP)	(3) 64676-75AD			
683	INTEGRATED STARTER MODULE (ISM)	19XR04012202			
684	O-RING	(2) KK71EW016			
685 A	VFD DRIVE (A03)(LIQ-FLO II)	19XVA2AA			
685 C	VFD DRIVE (A05)(LIQ-FLO II)	19XVA2CC			
685 E	VFD DRIVE (A07)(LIQ-FLO II)	19XVA4AA			
685 F	VFD DRIVE (A09)(LIQ-FLO II)	19XVA4CC			
	STARTER GROUP				
686	STARTER (BENSHAW)	SEE.NOTE			
	Starter Information: To determine service parts for a Benshaw Starter locate model number on the starter name plate (19XRT,19XRU,19XRV,19XRW,19XRX,19XRY) then in EPIC do a model search using first five digits.				

