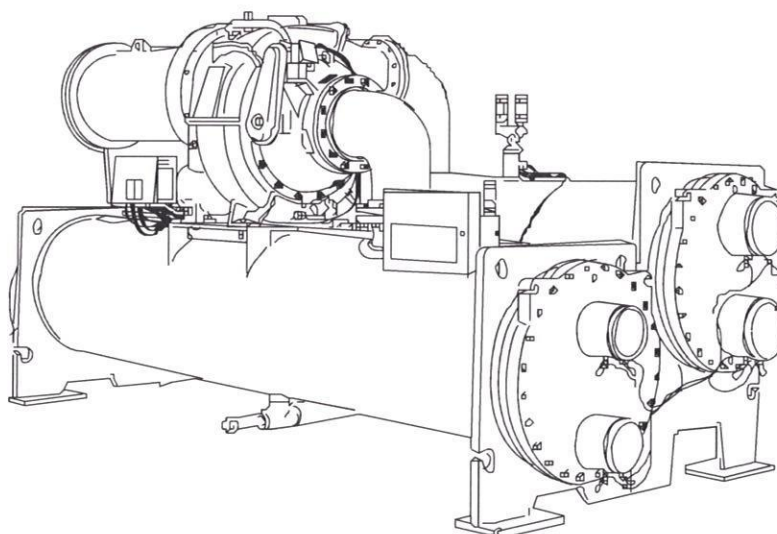


Chillers Built After Serial Number 0111Qnnnnn

This service part guide includes information for the 19XR & 19XRV machines with frame #5 compressor with Roller Element Bearings and Frame 7 & 8 Vessels.



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 19070002)





Centrifugal Chiller
19XR & 19XRV
Frame #5 Compressor
With Roller Element Bearings

19XR

Model Number Significance Chart

1 9 X R - 7 2 7 1 5 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 #5 Compressor

Note: Machines Built After
Serial Number 0111QXXXXX
Have Roller Element Bearings
(REB)

Compressor Code

1st. Digit = Frame Size
2nd. Digit = Shroud Size
3rd Digit = Wheel Size.
All frame 5 compressors have a
fixed 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-3519-070

Supersedes: RCD-3519-070

Revision: A

Revision: New

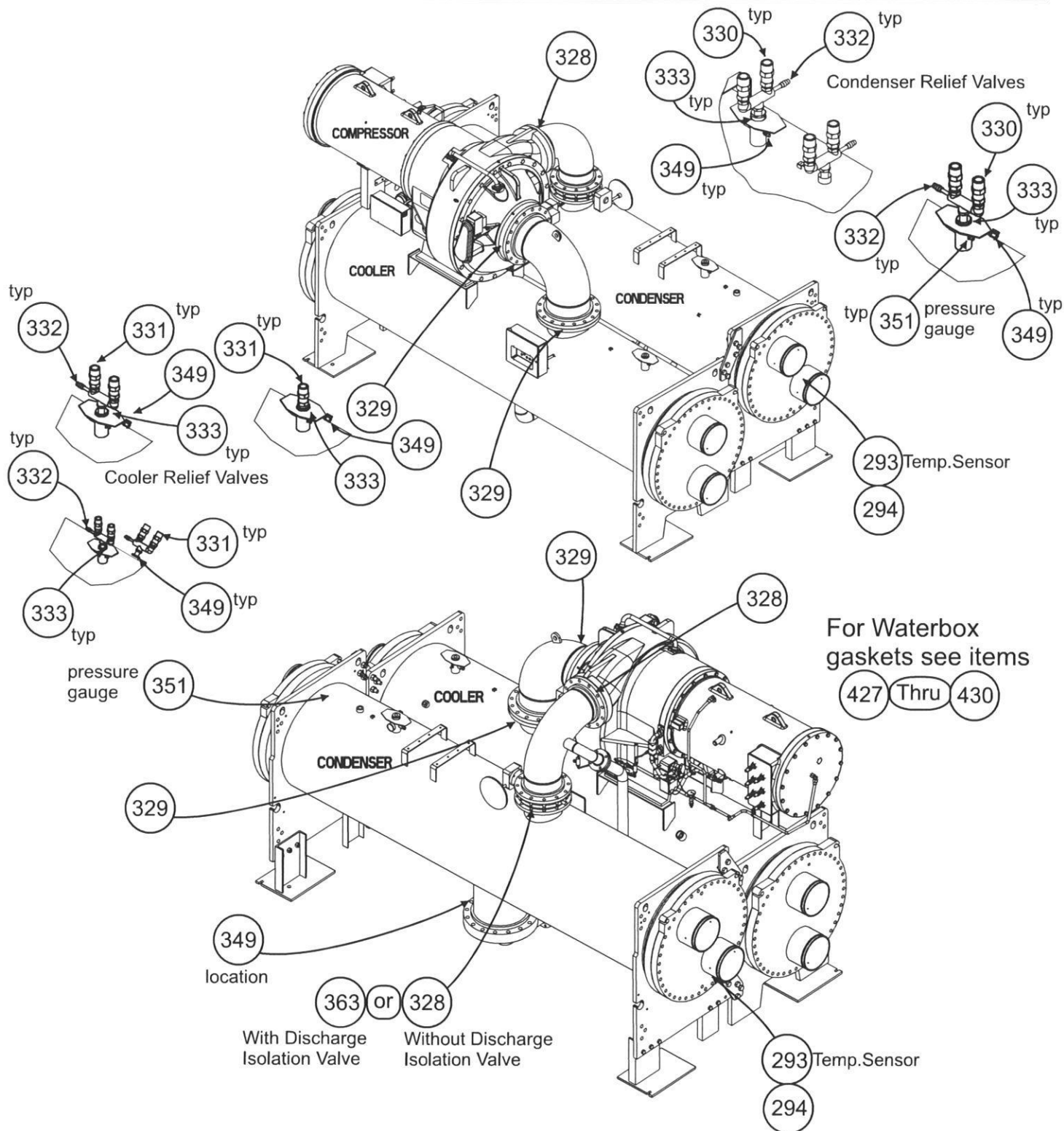
Graphics Page: 2
Litho in U.S.A



Electronic Graphics 19070002

Centrifugal Chiller 19XR & 19XRV Frame #5 Compressor With Roller Element Bearings

19XR



Release Date: 5/10/2021

Catalog No: RCD-3519-070

Supersedes: RCD-3519-070

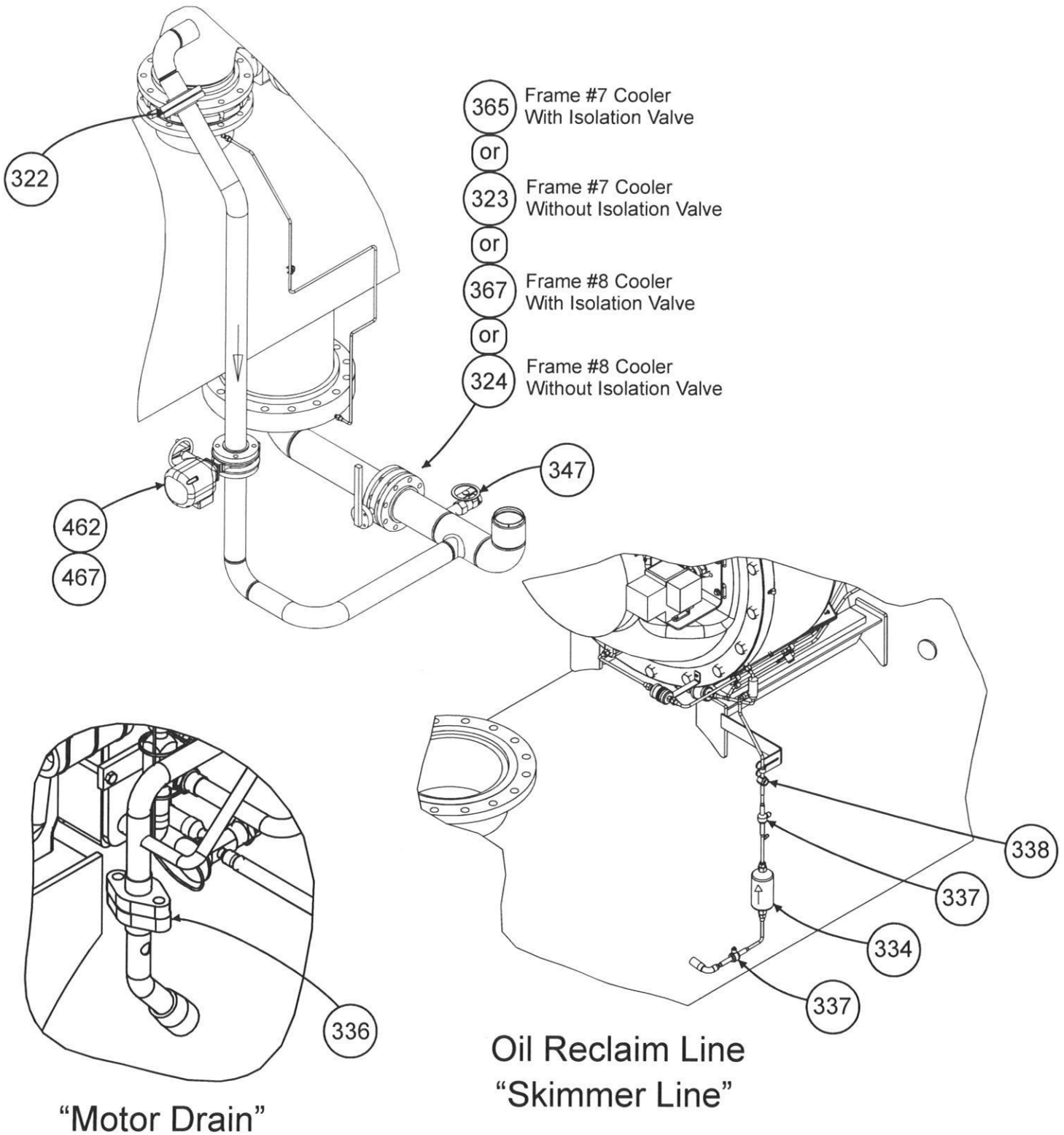
Revision: A

Revision: New

Graphics Page: 3
Litho in U.S.A.

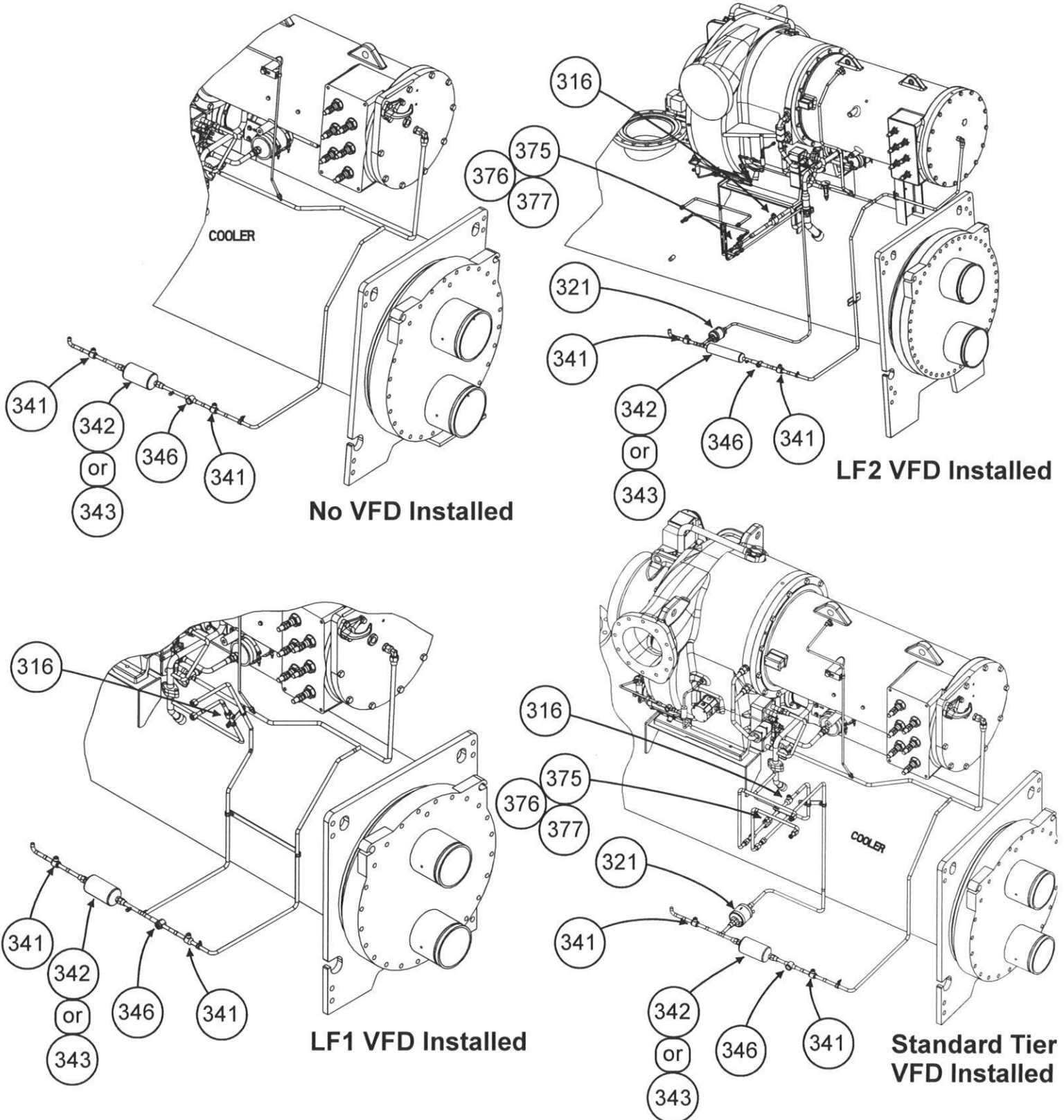


Electronic Graphics 19070003



**Centrifugal Chiller
19XR & 19XRV
Frame #5 Compressor
With Roller Element Bearings**

19XR



Release Date: 5/10/2021

Catalog No: RCD-3519-070

Supersedes: RCD-3519-070

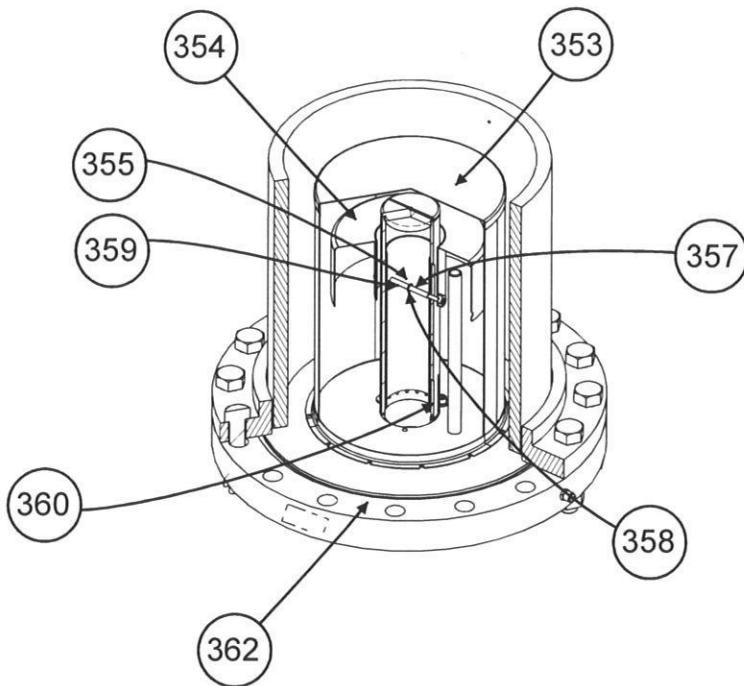
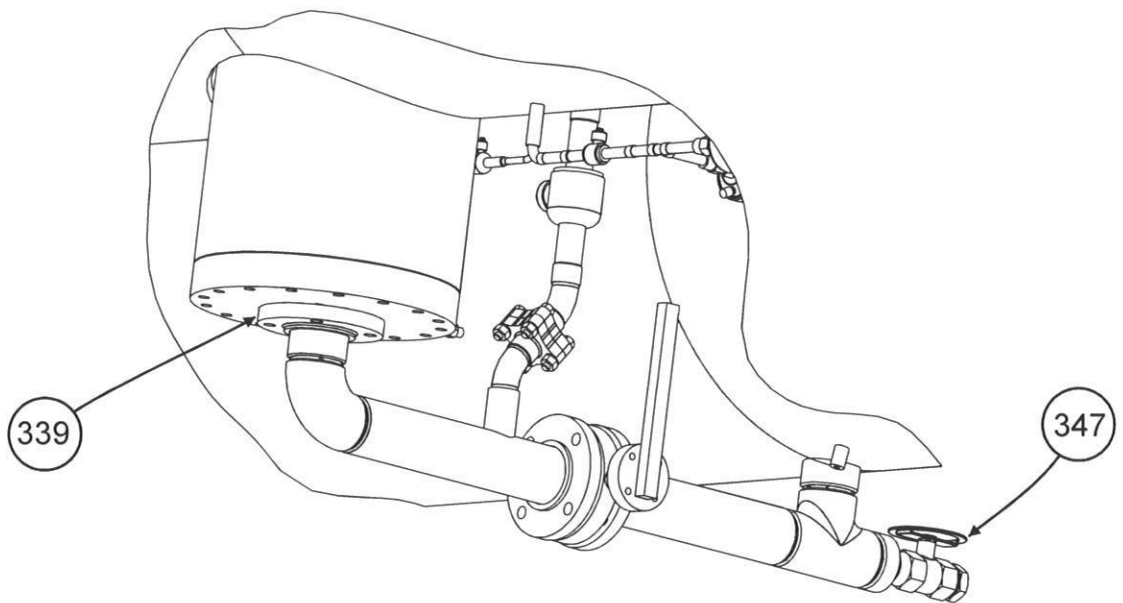
Revision: A

Revision: New

Graphics Page: 5
Litho in U.S.A



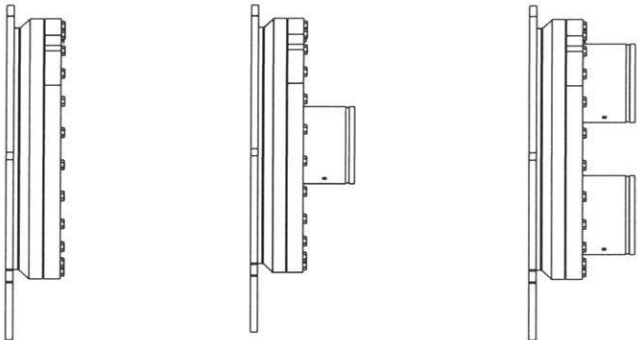
Electronic Graphics 19070005





Centrifugal Chiller
19XR & 19XRV
Frame #5 Compressor
With Roller Element Bearings

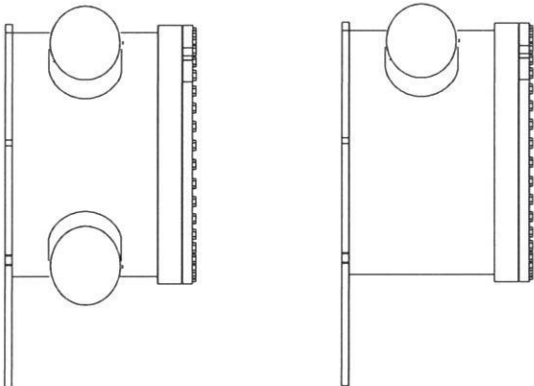
19XR



Blanked Head

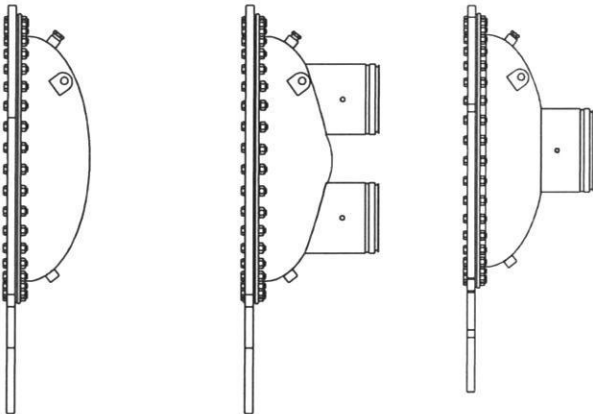
427a or 427b or 427c or 427d

Nozzle In Head Style Waterboxes



428a or 428b or 428c or 428d

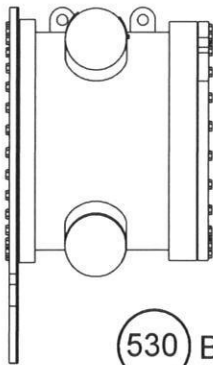
Marine Style Waterboxes



Blanked Head

429a or 429b or 429c or 429d

Dished Head Style Waterboxes



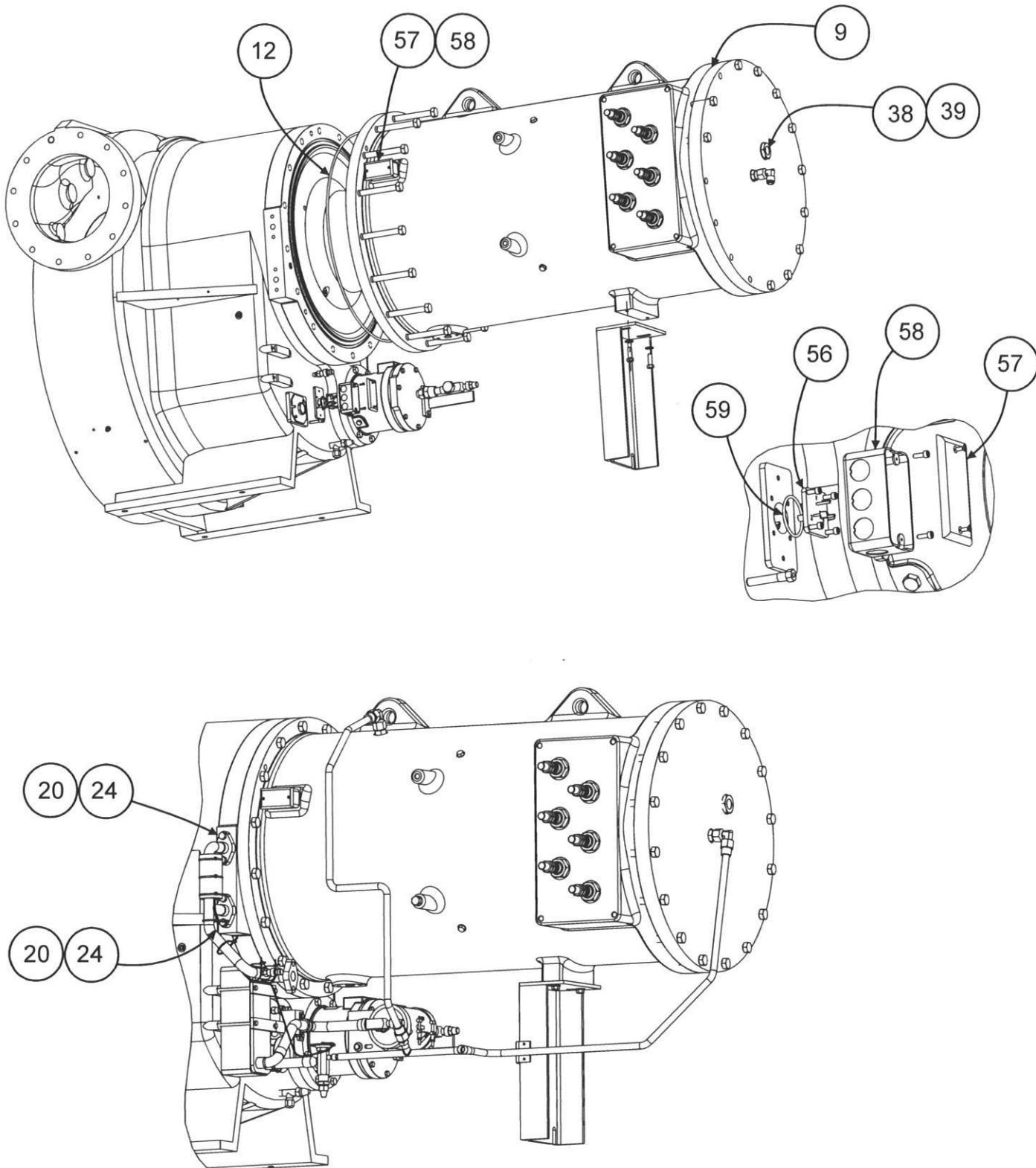
530 Both locations

Bolted On Marine Style Waterbox:



**Centrifugal Chiller
19XR & 19XRV
Frame #5 Compressor
With Roller Element Bearings**

19XR



Release Date: 5/10/2021

Catalog No: RCD-3519-070

Supersedes: RCD-3519-070

Revision: A

Revision: New

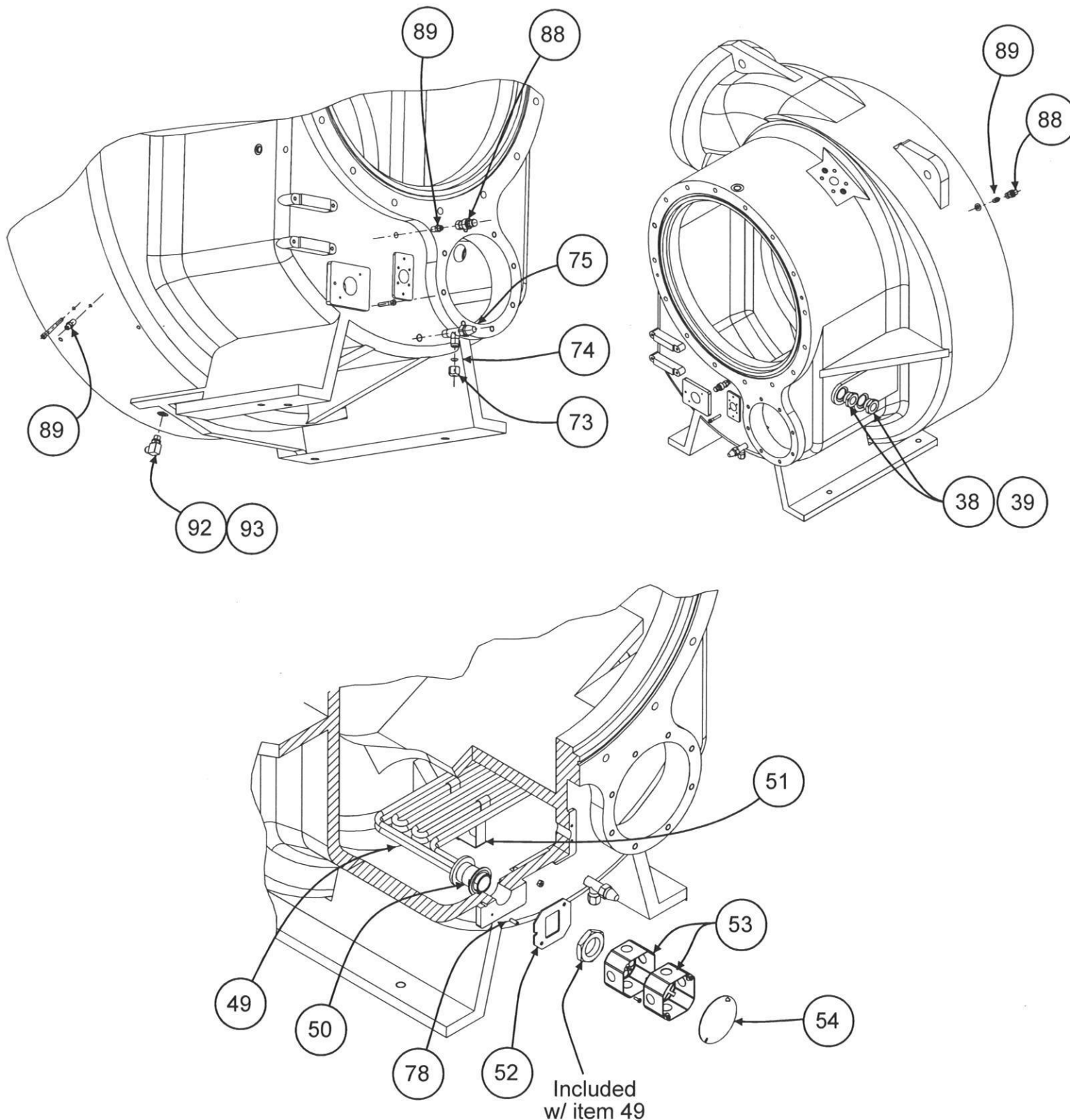
Graphics Page: 8
Litho in U.S.A



Electronic Graphics 19070008

**Centrifugal Chiller
19XR & 19XRV
Frame #5 Compressor
With Roller Element Bearings**

19XR



Release Date: 5/10/2021

Catalog No: RCD-3519-070

Supersedes: RCD-3519-070

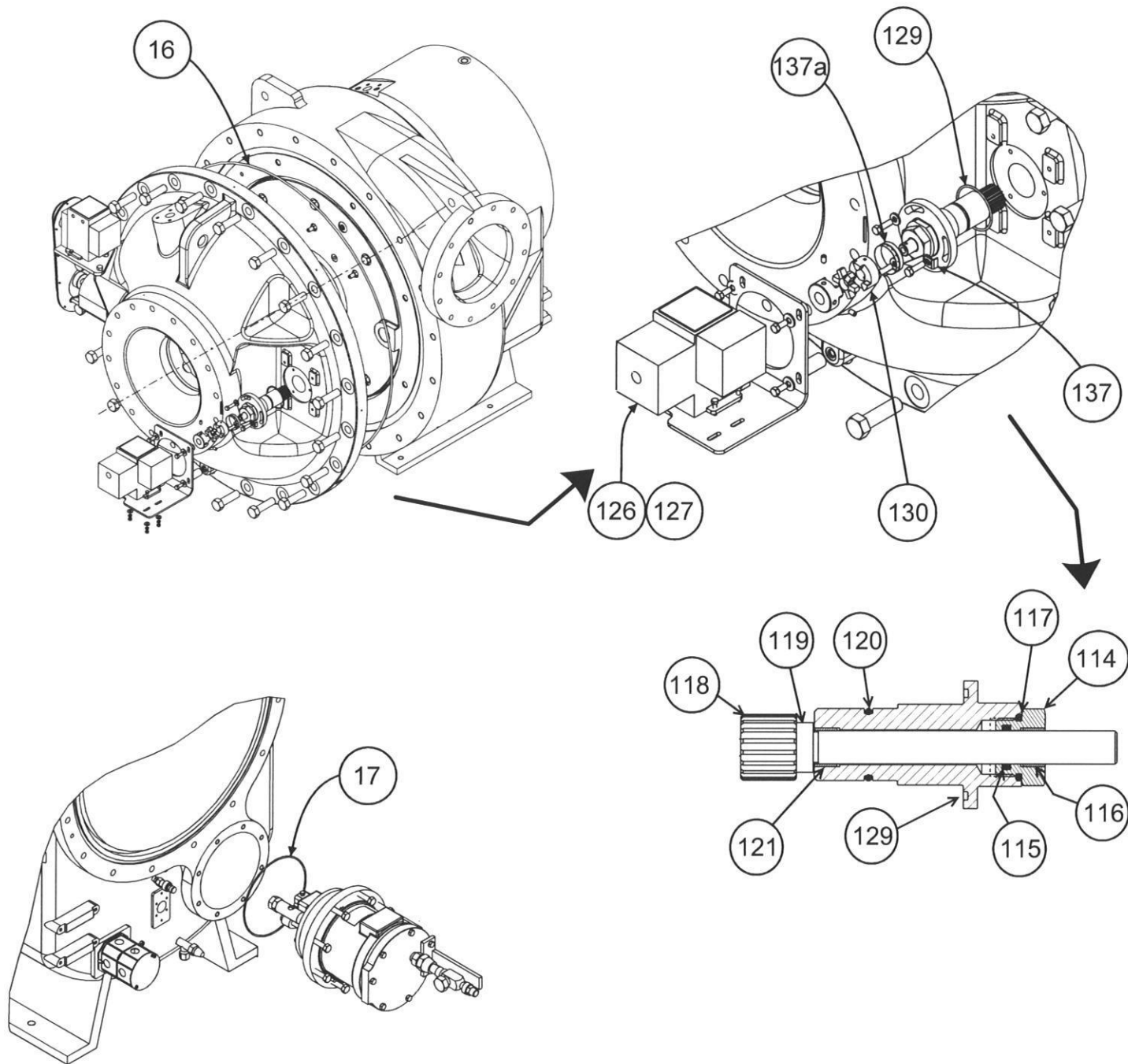
Revision: A

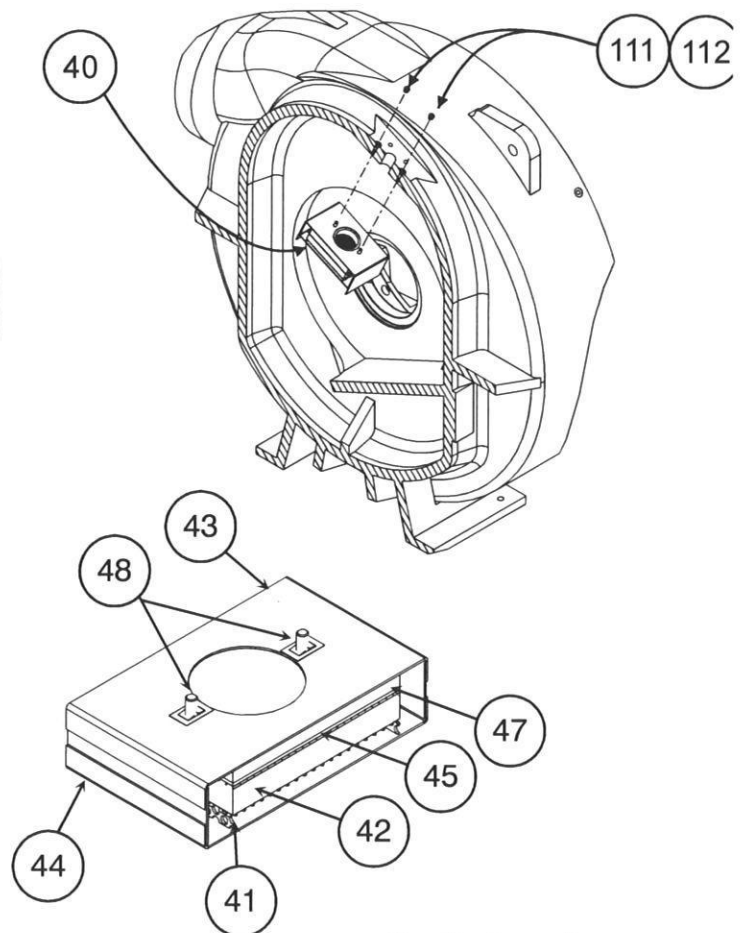
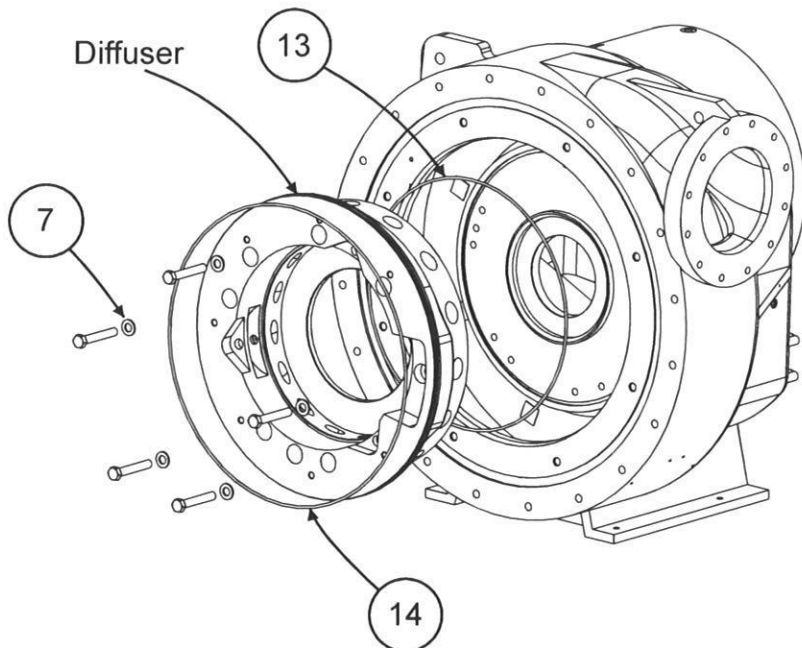
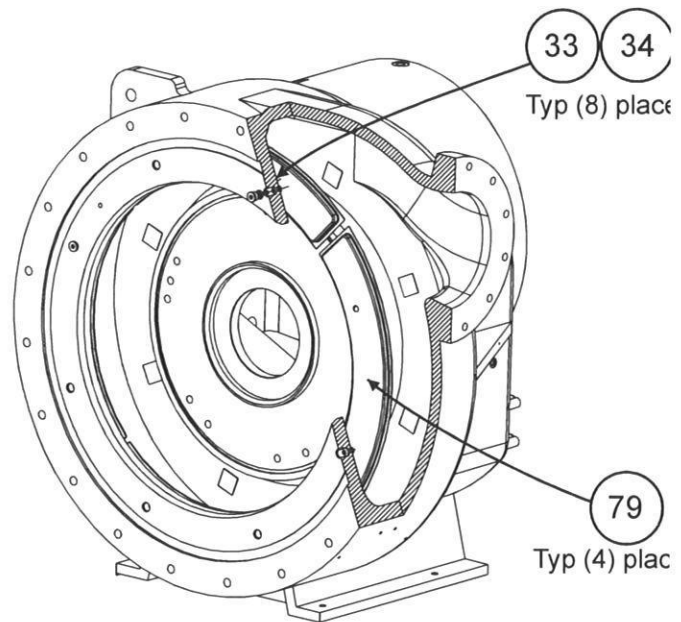
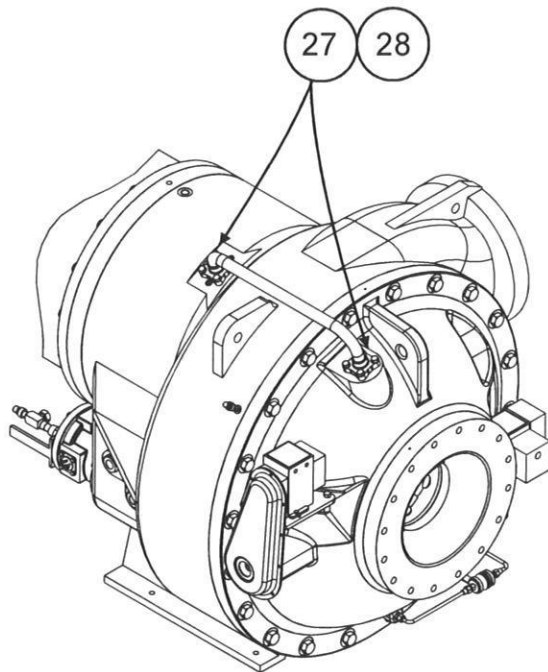
Revision: New

Graphics Page: 9
Litho in U.S.A



Electronic Graphics 19070009





Release Date: 5/10/2021

Catalog No: RCD-3519-070

Supersedes: RCD-3519-070

Revision: A

Revision: New

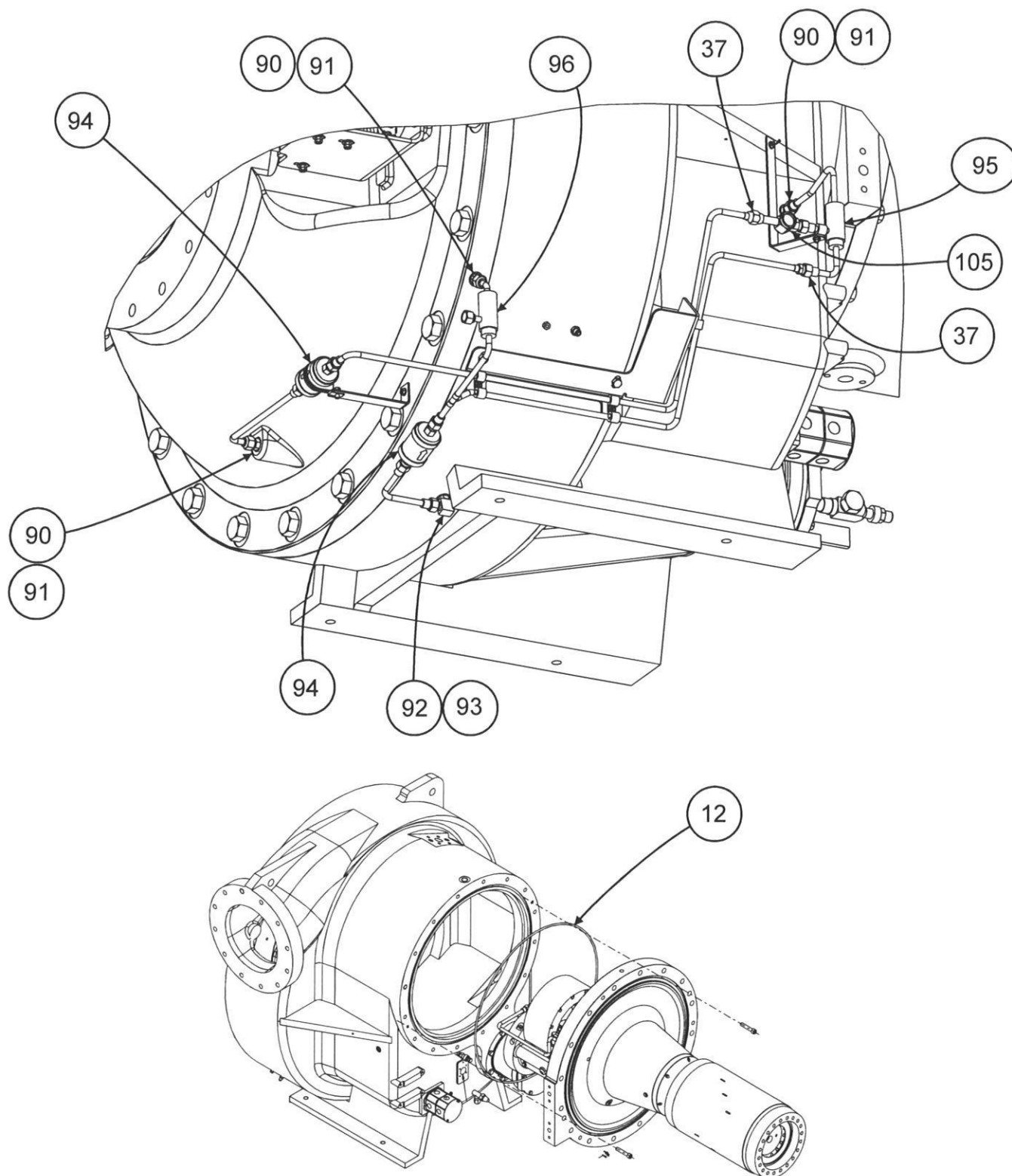
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Litho in U.S.A



Electronic Graphics 19070011

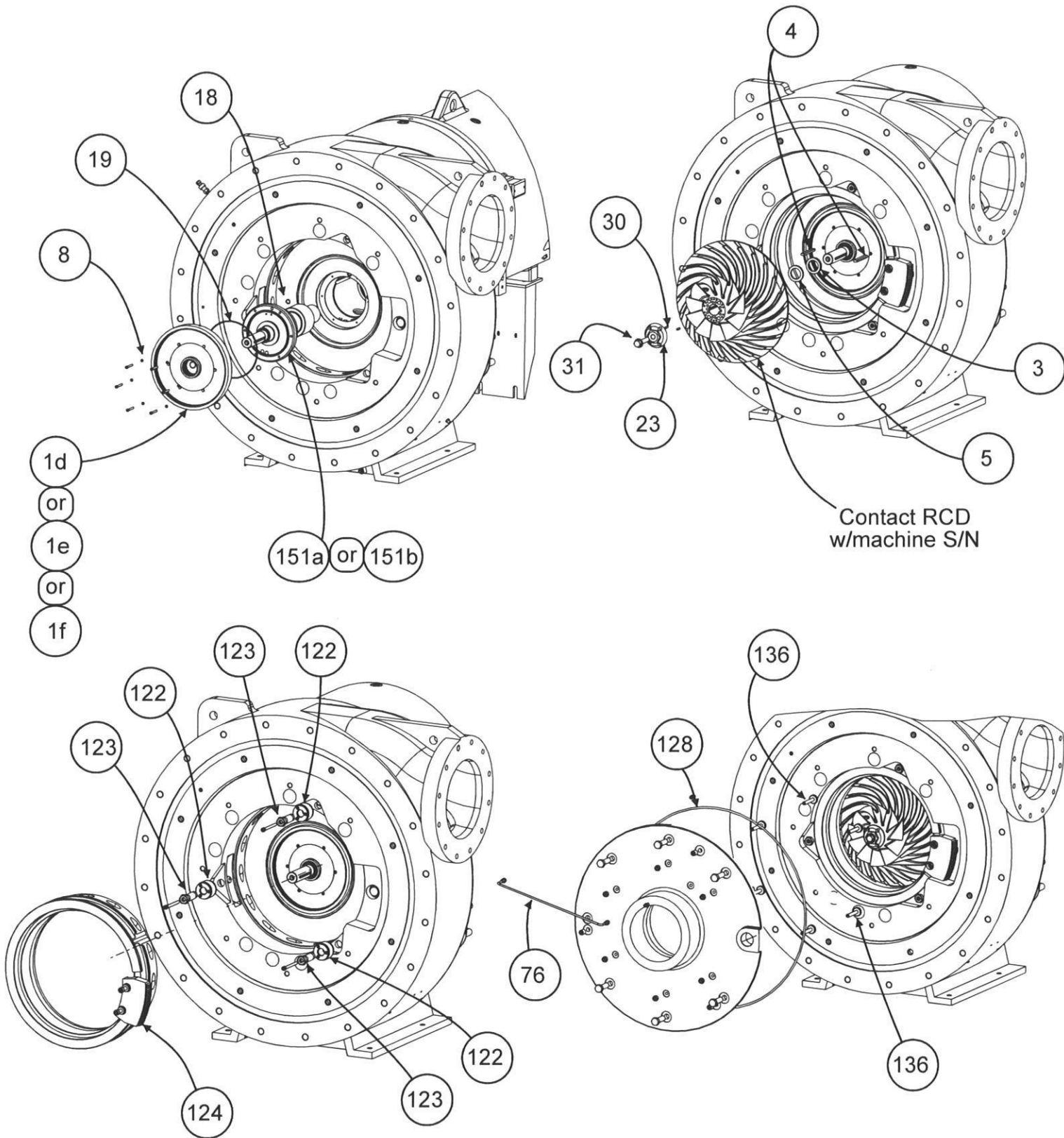
Centrifugal Chiller 19XR & 19XRV Frame #5 Compressor With Roller Element Bearings

19XR



**Centrifugal Chiller
19XR & 19XRV
Frame #5 Compressor
With Roller Element Bearings**

19XR



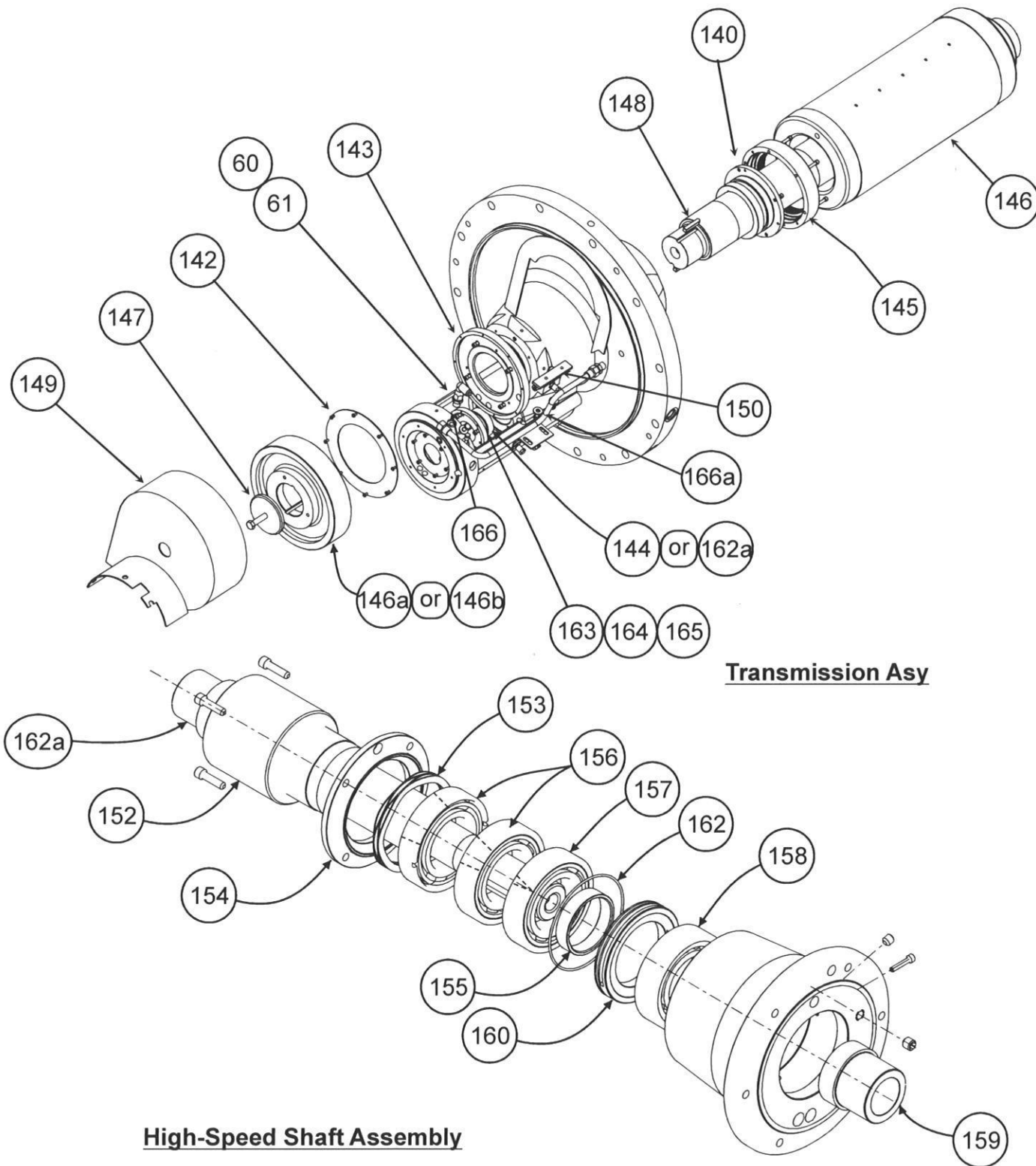
Release Date: 5/10/2021
Catalog No: RCD-3519-070
Supersedes: RCD-3519-070

Revision: A
Revision: New

Graphics Page: 13
Litho in U.S.A

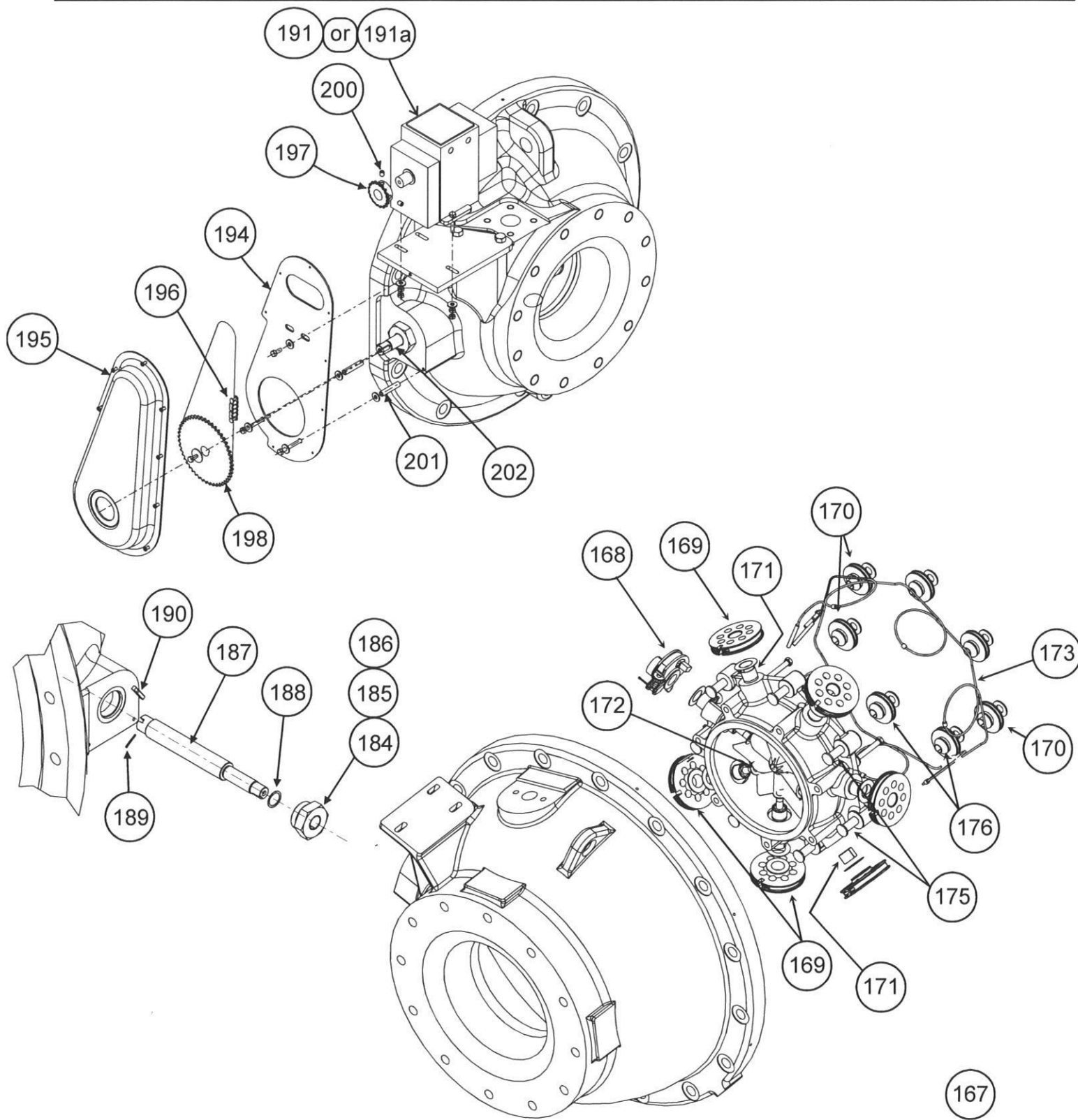


Electronic Graphics 19070013



**Centrifugal Chiller
19XR & 19XRV
Frame #5 Compressor
With Roller Element Bearings**

19XR

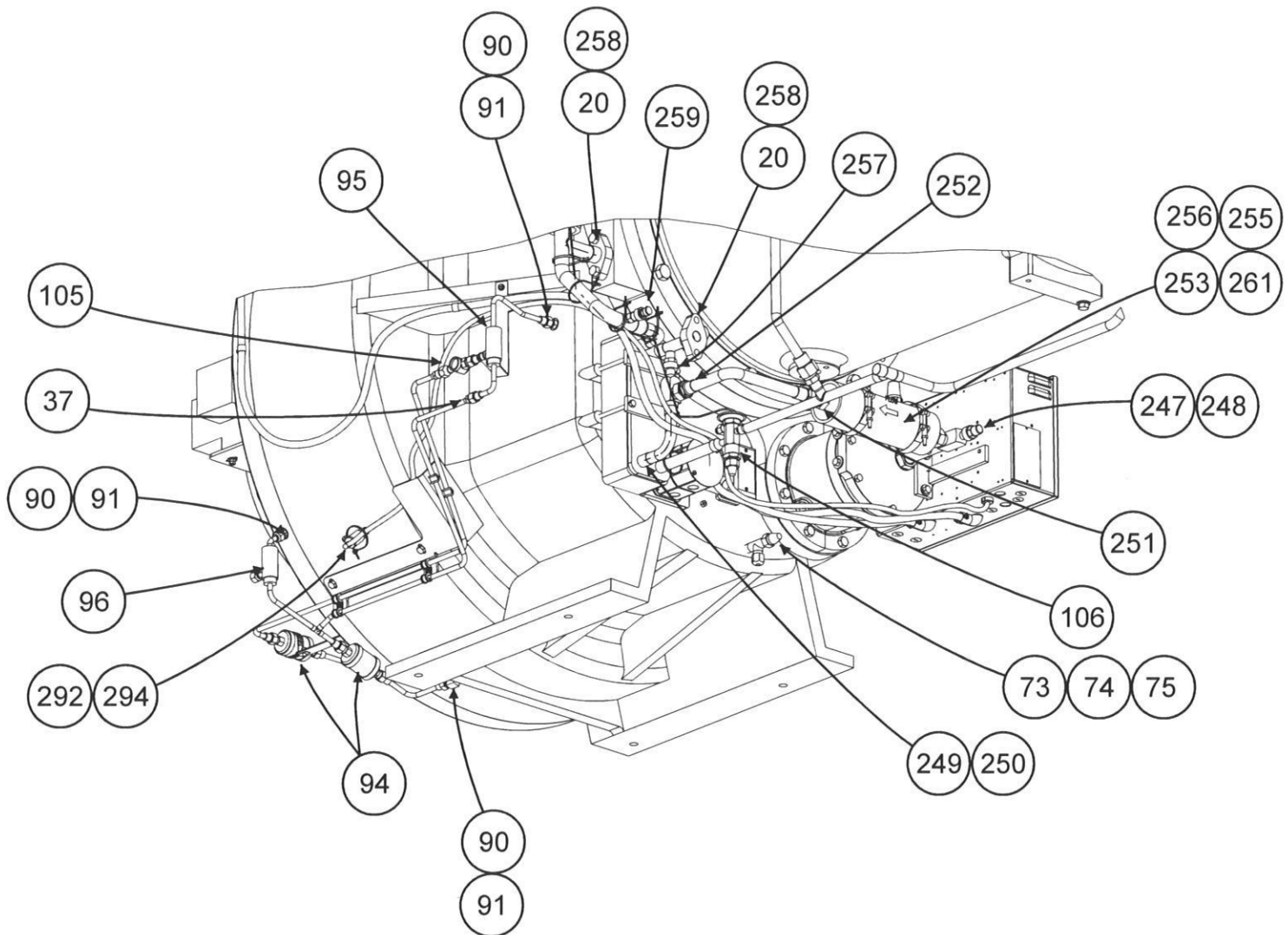


Blade Ring Assembly



**Centrifugal Chiller
19XR & 19XRV
Frame #5 Compressor
With Roller Element Bearings**

19XR



Release Date: 5/10/2021

Catalog No: RCD-3519-070

Supersedes: RCD-3519-070

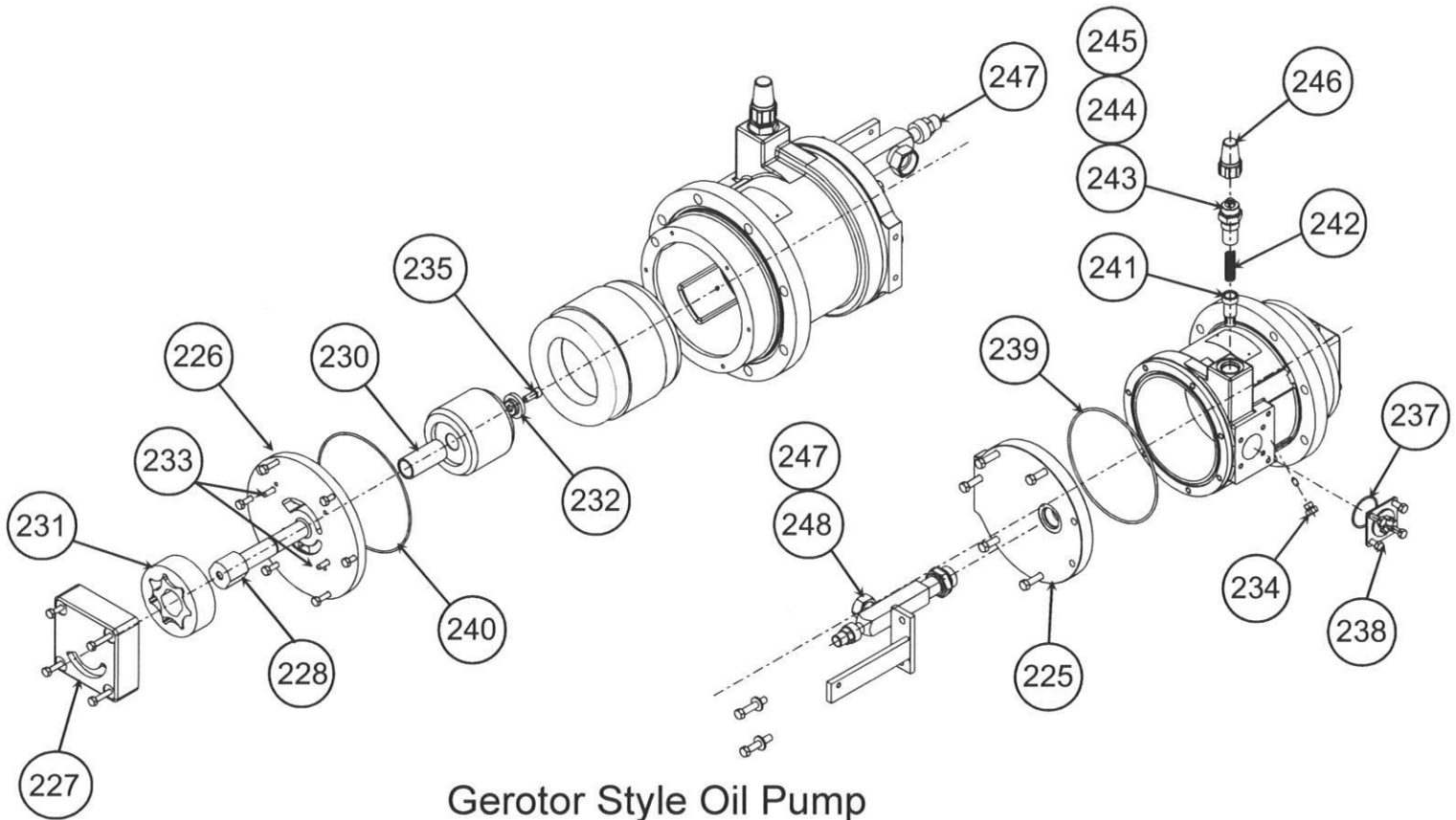
Revision: A

Revision: New

Graphics Page: 16
Litho in U.S.A



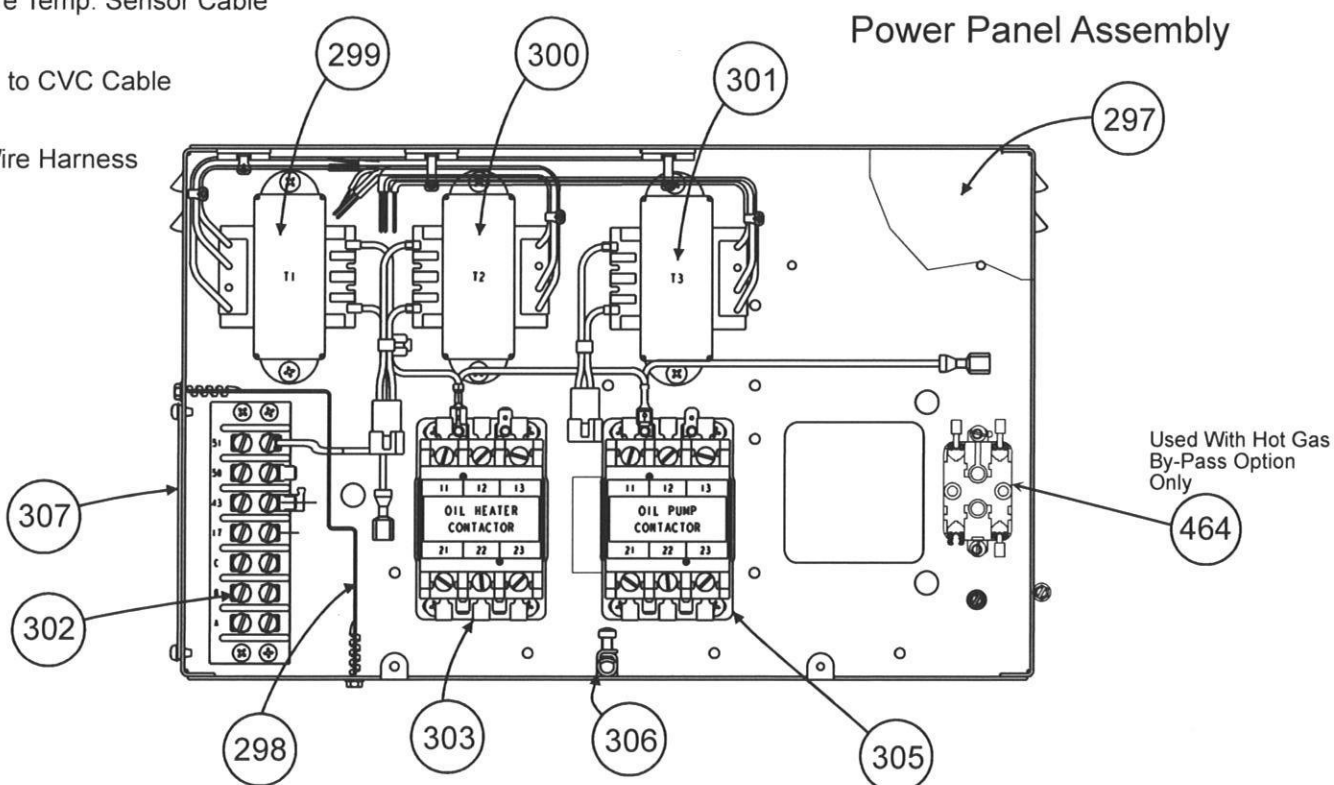
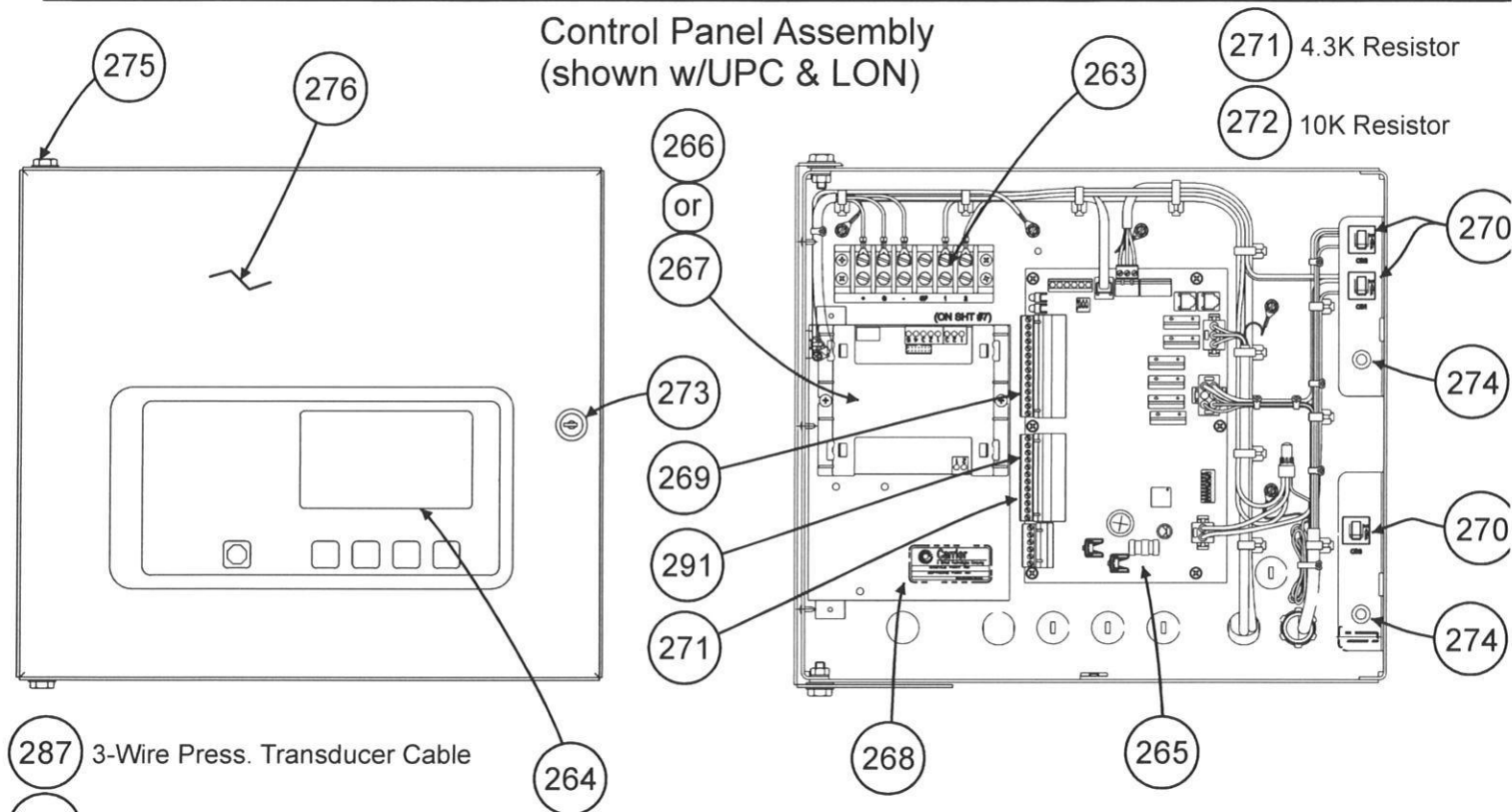
Electronic Graphics 19070016



Gerotor Style Oil Pump

Centrifugal Chiller 19XR & 19XRV Frame #5 Compressor With Roller Element Bearings

19XR



Release Date: 5/10/2021

Catalog No: RCD-3519-070

Supersedes: RCD-3519-070

Revision: A

Revision: New

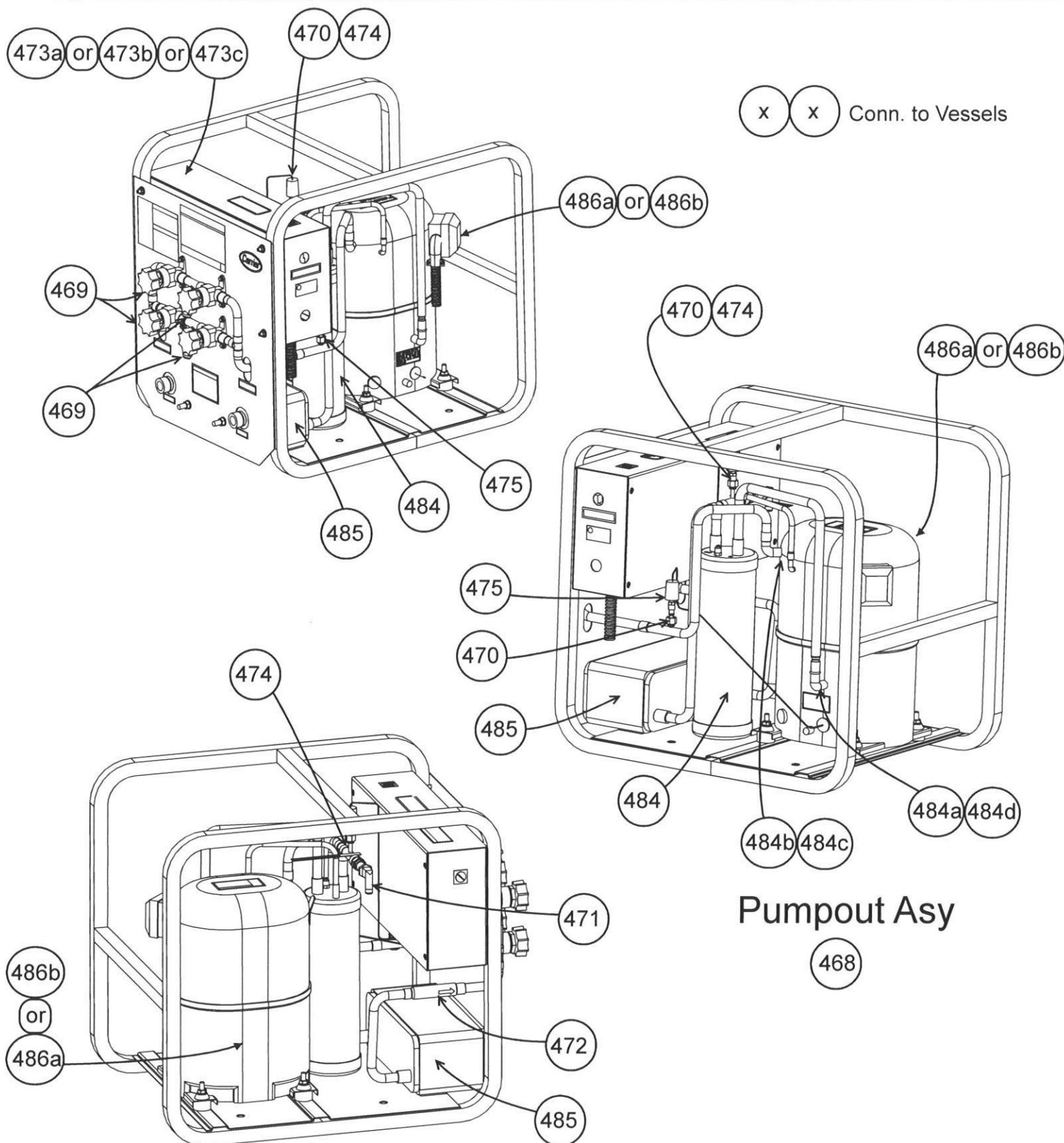
Graphics Page: 18
Litho in U.S.A



Electronic Graphics 19070018

**Centrifugal Chiller
19XR & 19XRV
Frame #5 Compressor
With Roller Element Bearings**

19XR



Pumpout Asy

(468)

Release Date: 5/10/2021

Catalog No: RCD-3519-070

Supersedes: RCD-3519-070

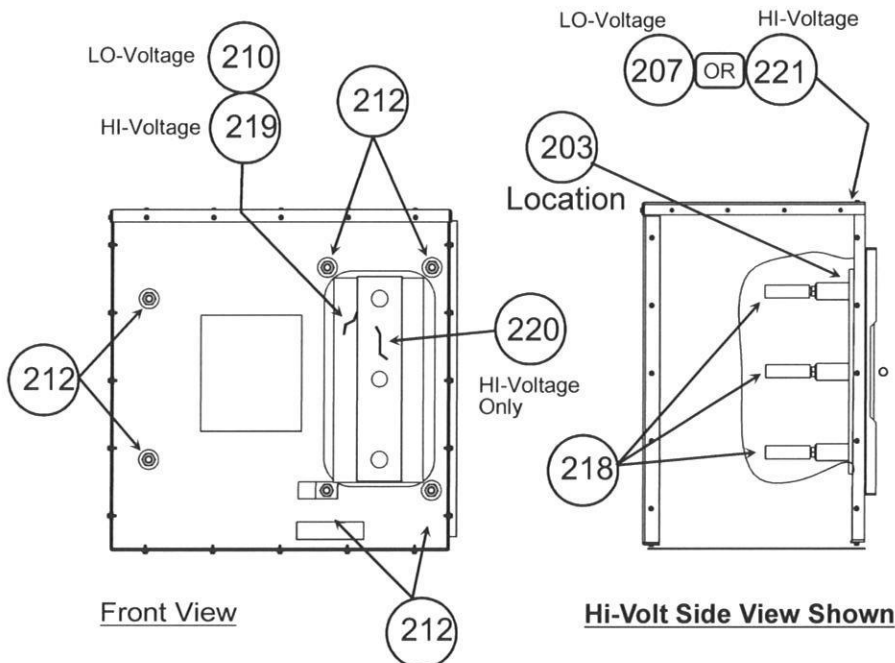
Revision: A

Revision: New

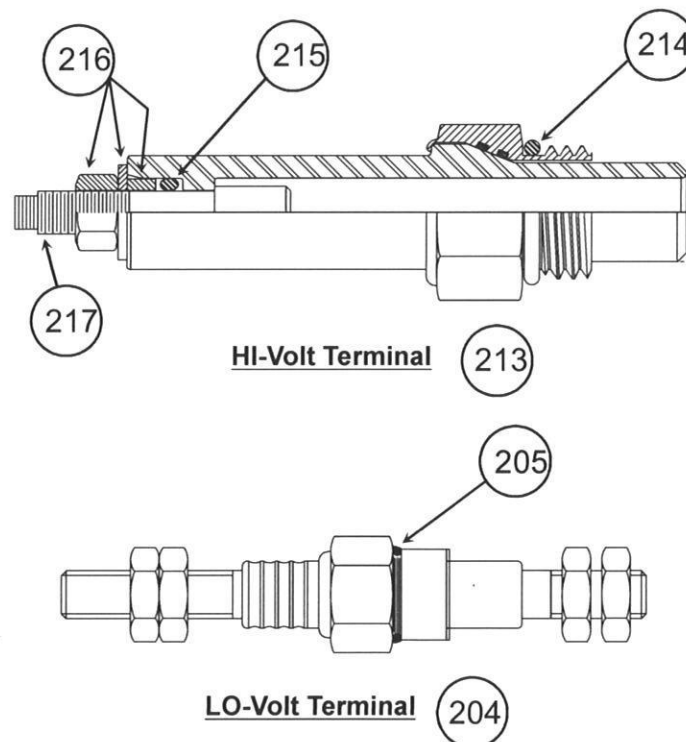
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Litho in U.S.A



Electronic Graphics 19070019

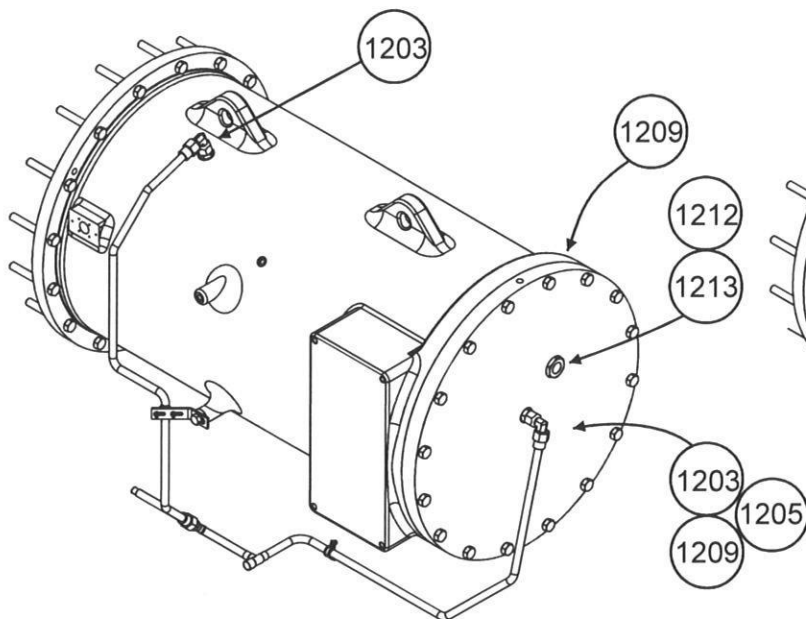


Compressor Terminal Box Assembly

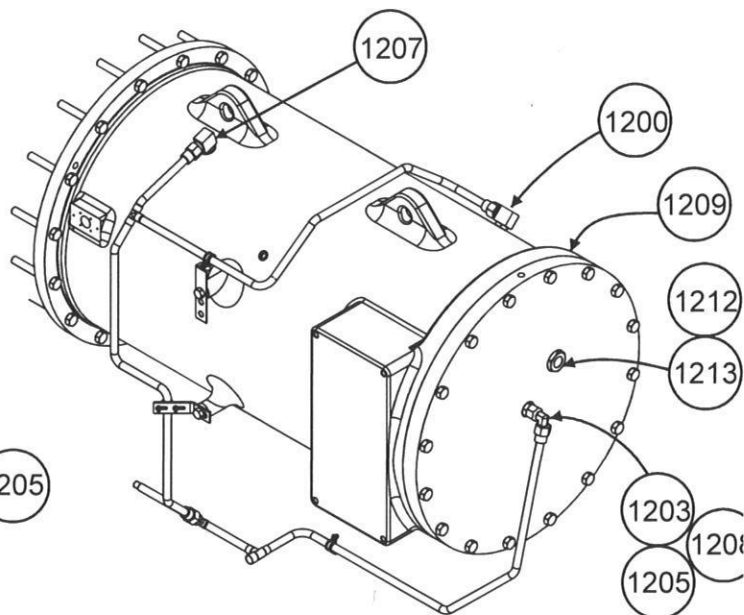


Centrifugal Chiller 19XR & 19XRV Frame #5 Compressor With Roller Element Bearings

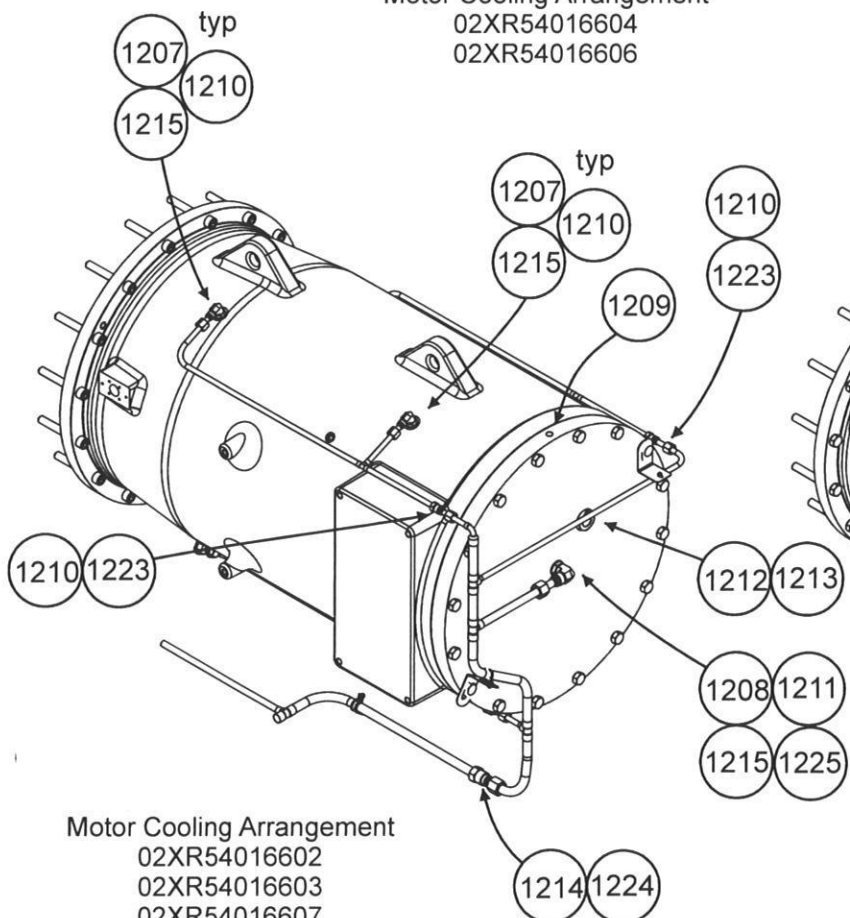
19XR



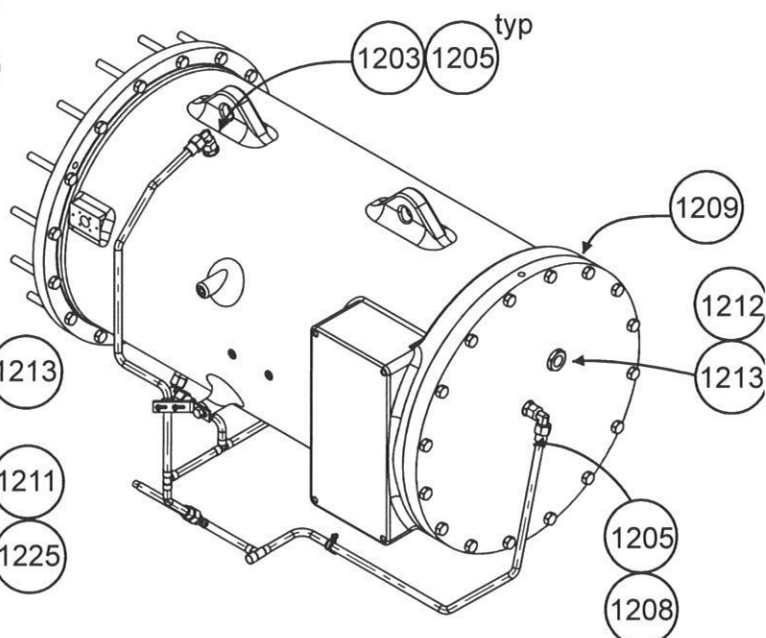
Motor Cooling Arrangement
02XR54016604
02XR54016606



Motor Cooling Arrangement
02XR54016605



Motor Cooling Arrangement
02XR54016602
02XR54016603
02XR54016607
02XR54016608



Motor Cooling Arrangement
02XR54016609
02XR54016610

Release Date: 5/10/2021

Catalog No: RCD-3519-070

Supersedes: RCD-3519-070

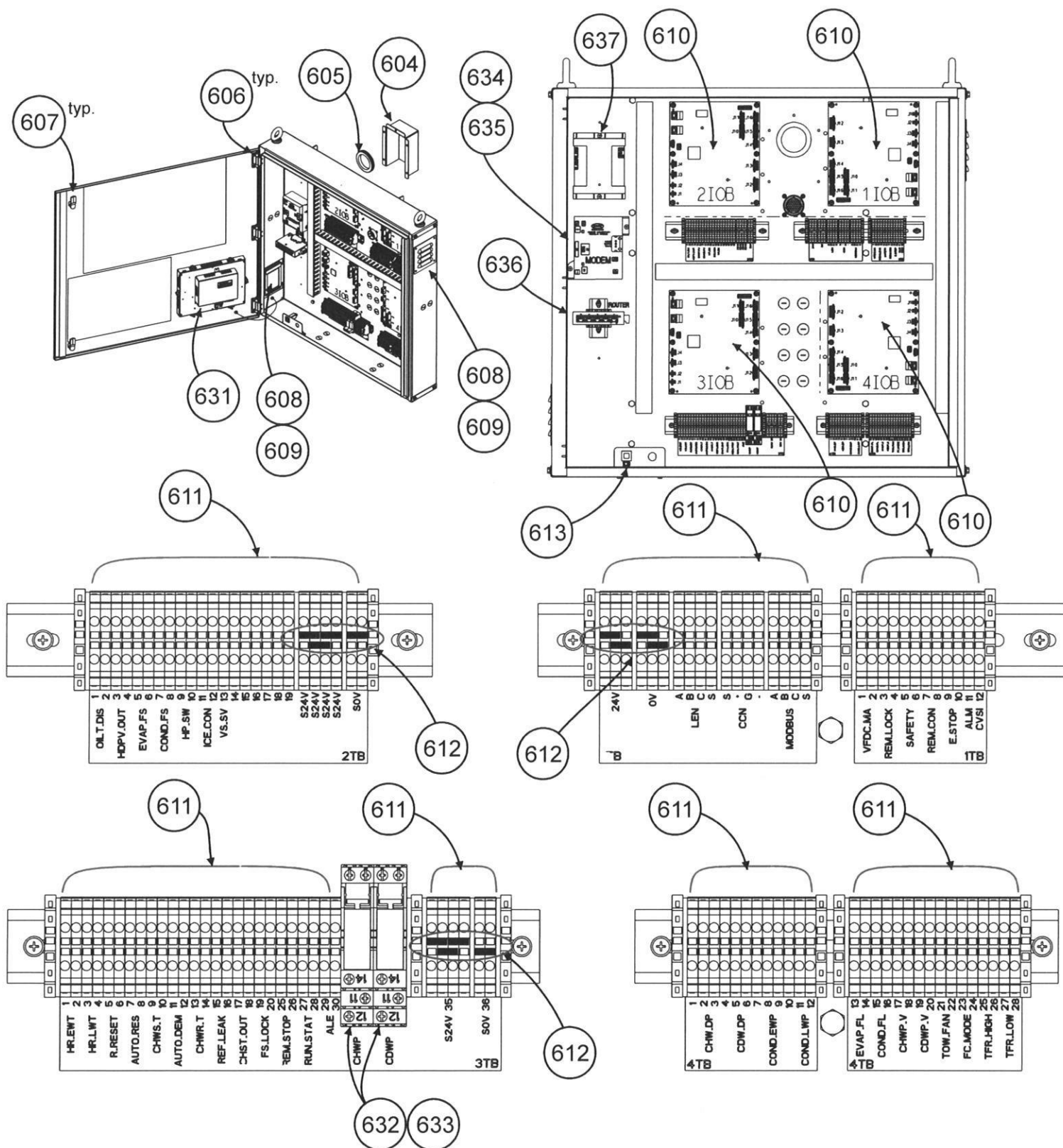
Revision: A

Revision: New

Graphics Page: 21
Litho in U.S.A



Electronic Graphics 19070021





CENTRIFUGAL CHILLER
(INCLUDES 19XR & 19XRV
INFORMATION)

19XR

SIZE: 5 5
SERIES: SRD/REB

ITM	PART DESCRIPTION	19XR-#5 REB			
		COMPR. SIZE			
	COMPRESSOR GROUP				
1 A	LABYRINTH,IMPELLER W/PIN PLUG IT#2	X			
	Compressor Codes Used On: Not Used On Split Ring Diffuser Compr.				
1 B	LABYRINTH,IMPELLER W/PIN PLUG IT#2	X			
	Compressor Codes Used On: Not Used On Split Ring Diffuser Compr.				
1 C	LABYRINTH,IMPELLER W/PIN PLUG IT#2	X			
	Compressor Codes Used On: Not Used On Split Ring Diffuser Compr.				
1 D	LABYRINTH,IMPELLER W/PIN PLUG IT#2	19XR660039			
	Compressor Codes Used On: 50C,52C,52D,53C,53D,54C,54D,55C,56C,57C,58C				
	59C				
1 E	LABYRINTH,IMPELLER W/PIN PLUG IT#2	19XR660040			
	Compressor Codes Used On: 50D,50E,52E,52F,53E,53F,54E,54F,55D,55E,56D				
	56E,57D,57E,58D,58E,59D,59E				
1 F	LABYRINTH,IMPELLER W/PIN PLUG IT#2	19XR660041			
	Compressor Codes Used On: 50F,50G,52G,53G,54G,55F,55G,56F,56G,57F,57G				
	58F,58G,59F,59G				
1 G	LABYRINTH,IMPELLER (HIGH LIFT)	19XR660061			
	Compressor Codes Used On: 55J & 59J				
1 H	LABYRINTH,IMPELLER (HIGH LIFT)	19XR660062			
	Compressor Codes Used On: 55K, 55L, 57L, 58K				
1 I	LABYRINTH,IMPELLER (HIGH LIFT)	19XR660063			
	Compressor Codes Used On: 55H & 59H				
2	PIN PLUG (ALUM)(INCL. IN ITEM #1)	AX17VP025			
3	SPACER,IMPELLER	02XR55006601			
4	KEY,IMPELLER	(2) 02XR55003601			
5	SHIM,IMPELLER	02XR55006301			
7	WASHER,HARD	(5) AU04AV361			
8	WASHER,SEALING	(6) AU52NA171			
9	"O" RING (MOTOR COVER)	KK71EU172			
12	"O" RING (MTR HSG/TRANS)	(2) KK71EU172			
13	"O" RING (DIFFUSER/BASE)	KK71EU172			
14	"O" RING (OUTER DIFF)	KK71EU173			
15	"O" RING (INNER DIFF)	X			
16	"O" RING (SUCTION HSG)	KK71EU174			
17	"O" RING (OIL PUMP)	KK71EW268			
18	"O" RING (LABY GAS)	KK71EW015			
19	"O" RING (LABY/TRANS)	KK71EW269			
20	"O" RING (OIL COOL)	(2) KK71EW223			
21	"O" RING (COOLING OIL LINE)	X			
22	"O" RING (OIL HEATER)	X			
23	NOSE PIECE	02XR55009801			
24	FLANGE (2-BOLT,O-RING KK71EW223)	(2) DK24CA717			
25	FLANGE (2-BOLT,O-RING KK71EW223)	DK24CA727			
26	FLANGE (2-BOLT FLAT FACED)	DK24CA712			
27	FLANGE (4-BOLT,O-RING KK71EW229)	(2) DK16CA250			
28	"O" RING (EQUAL LINE)	(2) KK71EW229			

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 & 19XR
INFORMATION)

19XR

SIZE: 5 5
SERIES: SRD/REB

ITM	PART DESCRIPTION	19XR-#5 REB			
		COMPR. SIZE			
	COMPRESSOR GROUP				
29	FLANGE (4-BOLT,0-RING KK71EW229)	X			
30	ROLL PIN	(3) AX14CA168			
31	CAP SCREW,IMPELLER	AA03AA329			
32	VALVE,SHUT-OFF	02XR05005001			
33	PLUG,0-RING SEAL (SEGMENT ASY'S)	(8) CA64AM225			
	Includes: Item #34.				
34	N "0" RING,PLUG SEAL	KK71EW910			
35	ELL CONNECTOR(3/4 X 3/8 FLX1 1/16-12	X			
	Includes: Item #36.				
36	"0" RING,ELL CONNECTOR	X			
37	COUPLING,MTR C'LING(3/8 FLR X3/8 ODS	(2) DE08DA101			
38	SIGHT GLASS	(3) KM36BS162			
	Includes: Item #39.				
39	"0" RING,SIGHT GLASS	KK71EW920			
40	DEMISTER ASSEMBLY	02XR04001101			
	Includes: Items #41 - 48.				
41	SUPPORT,DEMISTER	02XR25002501			
42	FILTER,DEMISTER	02XR05006501			
43	BASE,DEMISTER	02XR05005801			
44	COVER,DEMISTER	02XR05005901			
45	SUPPORT,DEMISTER PLATE	02XR05006001			
46	SPACER	(2) 02XB35003801			
47	FILTER,DEMISTER (NOTCHED)	02XR05006502			
48	SCREW	(2) AA06BR209			
49	OIL HEATER (115 VOLT)	02XR05001501			
50	SEAL WASHER (INSIDE)	AU29AB561			
51	BRACKET,HEATER SUPPORT	02XR45005802			
52	WASHER,POSITIONING	02XR45006001			
53	EXTERNAL RING,BOX (OIL HEATER)	(2) HX22FB052			
54	COVER,BOX (OIL HEATER)	HX02FB050			
55	N MOTOR TEMP SENSOR (WITH REWIND ONLY)	(2) 32MP500354			
56	HERMETIC TERM.(THRUST/MTR SENSOR)	HY85FP022			
57	COVER,BOX (THRUST/MOTOR SENSORS)	(2) HX08FZ050			
58	BOX EXTENSION (THRUST/MTR SENSOR)	(2) HX22FS036			
59	O-RING (HERMETIC TERMINAL)	KK71EW128			
60	THRUST SENSOR ASSEMBLY	02XR44004303			
	Includes: Item #61.				
61	SENSOR	02XR55023901			
66 A	MOTOR COOLING ARRANGEMENT (SEE NOTE)	02XR54016602			
	Note: Contact RCD Customer Service for Arrangement Number. (JS #57).				
66 B	MOTOR COOLING ARRANGEMENT (SEE NOTE)	02XR54016603			
	Note: Contact RCD Customer Service for Arrangement Number. (JS #57).				
66 C	MOTOR COOLING ARRANGEMENT (SEE NOTE)	02XR54016604			
	Note: Contact RCD Customer Service for Arrangement Number. (JS #57).				
66 D	MOTOR COOLING ARRANGEMENT (SEE NOTE)	02XR54016605			

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: 5 5
SERIES: SRD/REB

ITM	PART DESCRIPTION	19XR-#5 REB			
		COMPR. SIZE			
	COMPRESSOR GROUP				
	Note: Contact RCD Customer Service for Arrangement Number. (JS #57).				
66 E	MOTOR COOLING ARRANGEMENT (SEE NOTE)	02XR54016606			
	Note: Contact RCD Customer Service for Arrangement Number. (JS #57).				
66 F	MOTOR COOLING ARRANGEMENT (SEE NOTE)	02XR54016607			
	Note: Contact RCD Customer Service for Arrangement Number. (JS #57).				
66 G	MOTOR COOLING ARRANGEMENT (SEE NOTE)	02XR54016608			
	Note: Contact RCD Customer Service for Arrangement Number. (JS #57).				
66 H	MOTOR COOLING ARRANGEMENT (SEE NOTE)	02XR54016609			
	Note: Contact RCD Customer Service for Arrangement Number. (JS #57).				
66 I	MOTOR COOLING ARRANGEMENT (SEE NOTE)	02XR54016610			
	Note: Contact RCD Customer Service for Arrangement Number. (JS #57).				
68	ORIFICE,MOTOR SPRAY	X			
	Note: Used on Reliance motors only.				
69	"O" RING	X			
70	COUPLING (3/4" TUBE)	X			
71	MOTOR COOLING ORIFICE (0.156/0.151)	X			
72	O-RING	X			
73	CAP,FLARE (1/2")	DD19DA201			
74	GASKET,FLARE (1/2")	DD24FA151			
75	VALVE,OIL CHARGE (3/8"NPT)	EP23LA155			
76	TUBE ASY, IMPELLER TIP PRESSURE	02XR54011501			
77	VALVE,ANGLE	X			
78	ROLL PIN (1/4"OD X 3/4"LG)	AX14CA168			
79	SILENCER SEGMENT ASY	(4) 02XR54016901			
80	POSITIONING WASHER (OIL HEATER)	X			
81	ELBOW,90 DEG. SWIVEL	X			
82	ELBOW,90 DEG. SWIVEL	DD41CA502			
83	CONNECTOR,STR(1-1/16-12)	X			
	Includes: Item #84.				
84	"O" RING,STR CONNECTOR	X			
85	CONNECTOR,STR. (7/8 X 1-3/16-12)	X			
	Includes: Item #86.				
86	"O" RING,STR CONNECTOR	X			
88	TRANSDUCER,COOLER/COND. PRESSURE	(2) HK05Y2007			
89	VALVE,SERVICE (SCHRADER)	(5) 06DA403844			
90	STR CONNECTOR(3/8 X 9/16-18)	(3) 02XB05000301			
	Includes: Item #91.				
91	"O" RING,STR CONNECTOR	KK71EW906			
92	ELL CONNECTOR(3/8 X 9/16-18)	02XB05000601			
	Includes: Item #93.				
93	"O" RING,ELL CONNECTOR	KK71EW906			
94	STRAINER (OIL RECLAIM)	(2) KH11NG070			
95	EDUCTOR	02XR54018001			
96	EDUCTOR	02XR54018101			
97	STRAIGHT CONNECTOR (SHORT)	X			

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: 5 5
SERIES: SRD/REB

ITM	PART DESCRIPTION	19XR-#5 REB			
		COMPR. SIZE			
	COMPRESSOR GROUP				
	Includes: Item #98.				
98	"O" RING,STR CONNECTOR (SHORT)	X			
99	STR CONNECTOR(LONG)(3/4 X 1 1/16-12)	X			
	Includes: Item #100.				
100	"O" RING,STR CONNECTOR	X			
101	FITTING,IN-LINE STRAINER	X			
	Includes: Item #102.				
102	FITTING,IN-LINE STRAINER	X			
103	"O" RING,STRAINER FITTING	X			
104	COUPLING,RECLAIM SUCTION LINE	X			
105	SIGHTGLASS (3/8 FL)	KM43AG002			
106	EXPANSION VALVE	02XR05004001			
107	HIGH DISCHARGE CUTOUT SWITCH	HK02ZA165			
108	TEMPERATURE SENSOR	HH79NZ059			
109	PLUG,O-RING SEAL (9/16-18)	X			
	Includes: Item #110.				
110	"O" RING,PLUG SEAL	X			
111	PLUG,O-RING SEAL (7/16-20)	(2) CA64AM125			
	Includes: Item #112.				
112	"O" RING,PLUG SEAL	KK71EW904			
113	SEAL HOUSING ASY (DIFFUSER DRIVE)	02XR54008901			
	Includes: Items #114 - 121.				
114	SEAL RETAINER & BEARING ASY	02XR04001201			
	Includes: Items #115 - 117.				
115	"O" RING	KK71EW212			
116	BUSHING	KT53XL093			
117	"O" RING	KK71EW924			
118	PINION & SHAFT	02XR55015701			
119	WASHER,THRUST	AU51YA391			
120	"O" RING	KK71EW225			
121	BUSHING	(2) KT53XL093			
122	WHEEL ASY,VARIABLE DIFFUSER	(3) 02XR54002101			
123	CAM LOCK,ROLLER	(3) 02XR55003501			
123 A	SCREW,SOCKET HEAD (ROLLAR CAM LOCK)	(3) AA44AA243			
124	GEAR RACK	02XR55007301			
125	PIN,ROLL	AX14CA135			
126	MOTOR,ACTUATOR (VARIABLE DIFFUSER)	HF26BB029			
	Includes: Item #127.				
127	POTENTIOMETER	AD-718-701			
128	"O" RING (SHROUD/BASE)	KK71EU175			
129	"O" RING (DIFFUSER DRIVE SEAL)	KK71EW235			
130	COUPLING	02XR54009601			
	Note: when a new coupling is order a new positioning label item 130a also be ordered.				
130 A	DIFFUSER POSITION INDICATOR LABEL	02XR55014901			

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 & 19XR
V INFORMATION)

19XR

SIZE: 5 5
SERIES: SRD/REB

ITM	PART DESCRIPTION	19XR-#5 REB			
		COMPR. SIZE			
	COMPRESSOR GROUP				
131	GUARD,DIFFUSER CHAIN	X			
132	SCREW,SET	(2) X			
133	SPROCKET,DIFFUSER DRIVE	X			
134	SPROCKET,DIFFUSER MOTOR	X			
135	CHAIN,DIFFUSER DRIVE	X			
136	SUPPORT FOOT,DIFFUSER	(6) 02XR05002001			
137	POINTER	02XR55015001			
137 A	LABEL,DIFFUSER INDICATOR	02XR55014901			
138	CONNECTOR,STRAIGHT (3/4 X 1-1/16-12)	X			
	Note: Used on Ideal motors only.				
139	"O" RING	X			
	COMPRESSOR TRANSMISSION ASSEMBLY				
140	BEARING,DRIVE END LO-SPEED	02XR55011401			
141	COVER,HI-SPEED OIL CATCHER	X			
142	COVER,LO-SPEED OIL CATCHER	02XR55003901			
143	BEARING,COMPR. END LO-SPEED	02XR55005301			
144	ROLLER BEARING HIGH SPEED PINION	02XR55023301			
145	LABYRINTH (LO-SPEED SHAFT)	02XR54005801			
146	ROTOR & LO-SPEED GEAR ASY	CONTACT.RCD			
	Includes: Items #146a - 148.				
146 A	GEAR,LO-SPEED (60HZ)	02XR55017001			
146 B	GEAR,LO-SPEED (50HZ)	02XR55017002			
147	RING,RETAINING	02XR55003801			
148	KEY	(2) 02XR45007202			
149	SHROUD ASSEMBLY	02XR54002901			
150	STRIPPER (GEAR OIL)	X			
	THRUST BEARING ASY-ROLLER ELEMENT STYLE				
151 A	SHAFT ASY,HI-SPEED (REB) (60HZ)	02XR54026301			
	Includes: #152 - #162.				
151 B	SHAFT ASY,HI-SPEED (REB) (50HZ)	02XR54026302			
	Includes: #152 - #162.				
152 A	SHAFT,IMPELLER (REB) (60HZ)	N.S.S			
152 B	SHAFT,IMPELLER (REB) (50HZ)	N.S.S			
153	SPRING,WAVE (REB)	N.S.S			
154	RETAINER,HI-SPEED THRUST BEARING (	N.S.S			
155	SPACER,HI-SPEED THRUST BEARING (RE	N.S.S			
156	ROLLER BEARING,HI-SPEED THRUST (RE	N.S.S			
157	ROLLER BEARING,HI-SPD COUNTER THRU	N.S.S			
158	ROLLER BEARING,CYLINDRICAL (REB)	N.S.S			
159	SPACER,HI-SPEED SHAFT (REB)	N.S.S			
160	SPACER,HI-SPEED LUBE (REB)	N.S.S			
161	RING,REATINER (REB)	N.S.S			
162	"O" RING (REB)	KK71GW042			
162 A	ROLLER BEARING HIGH SPEED PINION	02XR55023301			
163	RETAINER,HI-SPEED SHAFT (REB)	02XR55023601			

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: 5 5
SERIES: SRD/REB

ITM	PART DESCRIPTION	19XR-#5 REB			
		COMPR. SIZE			
	THRUST BEARING ASY-ROLLER ELEMENT STYLE				
164	RETAINER,HI-SPEED SHAFT BEARING (REB	02XR54020501			
165	"0" RING (9/16) (REB)	KK71JV004			
166	"0" RING (5/16) (REB)	KK71EW015			
166 A	TUBE ASY,LABY GAS SUPPLY	02XR54001701			
166 B	BEARING,ROLLER,CYLINDRICAL	X			
166 C	ELBOW,90 DEG SWIVEL	DD41CA201			
	GUIDE VANE & BLADE RING				
167	BLADE RING ASSEMBLY	02XR44049401			
	Includes: Items #168 - 181.				
168	PULLEY,DRIVE	02XR45011001			
169	PULLEY,BLADE	(6) 02XR05007001			
170	PULLEY,IDLER	(7) 19C476131			
171	BUSHING,BLADE	(14) KT53XL102			
172	BLADE,PREWHIRL	(7) 19EA660017			
173	CABLE,GUIDE VANE	02XR04001303			
174	TAPERED SHAFT (IDLER PULLEY)	X			
175	BOLT,SHOULDER (IDLER PULLEY)	(7) AH27AM295			
176	BUSHING (IDLER PULLEY)	(7) KT53XL065			
177	SNAP RING/HEX NUT(USED W/ITEM 164A	(7) X			
178	NUT,JAM (USED W/ITEM 164B)	(7) AT40AA301			
179	COTTER PIN (3/32)	X			
180	SET SCREW 1/4-20	X			
181	WASHER	X			
183	SEAL HOUSING ASY.	02XR04001201			
	Includes: Items #184 - 186.				
184	BUSHING	KT53XL093			
185	"0" RING	KK71EW212			
186	"0" RING	KK71EW924			
187	DRIVE SHAFT (STAINLESS STEEL)	02XR05004405			
188	WASHER	AU51YA391			
189	ROLL PIN (11/16" LG)	AX14CA044			
190	KEY	19D211391			
191	MOTOR,ACTUATOR (PSN 2713UNNNNN)	HF26BB030			
	Includes: Items #192.				
191 A	MOTOR,ACTUATOR (SSN 2713UNNNNN)	HF26BB031			
	Includes: Items #192.				
192	POTENTIOMETER	AD-718-704			
193	MODULE,DRIVE	X			
194	MOUNTING PLATE (ABS)	02XR05002801			
195	CHAIN GUARD (ABS)	02XR05003301			
196	CHAIN KIT (#35) (3/8"PITCH)	19FA660016			
197	SPROCKET,DRIVE	02XR05009201			
198	SPROCKET,SHAFT	02XR05005701			
199	EXPANSION NUT (#8 NYLON)	X			
200	SET SCREW (5/16-18 X 1/2"LG)	(2) AE12AA196			

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: 5 **5**
SERIES: SRD/REB

ITM	PART DESCRIPTION	19XR-#5 REB			
		COMPR. SIZE			
	GUIDE VANE & BLADE RING				
201	SPACER (1-7/8")	(2) 02XR45006201			
202	KEY	17FA5021782			
	TERMINAL ARRANGEMENT				
203	SPRING WASHER (LO-VOLT)(INTERNAL)	(6) AU51AS391			
204	LO-VOLTAGE TERMINAL ASY.	(6) 02XR45004301			
	Includes: Item #205.				
205	LO-VOLT TERMINAL "O" RING	(6) KK71EW924			
206	LO-VOLTAGE TERMINAL FOAM PAD	19XR45002001			
207	LO-VOLTAGE TERMINAL FRAME ASY.	19XR44000401			
208	THERMAL INSULATOR (1 1/8"OD)	(6) 02XB05001801			
209	N INSULATING SLEEVE,LO-VOLT TERMS.	(6) LF33MM112			
210	N INSULATING SLEEVE,LO-VOLT TERMS.(VFD	(6) LF33MM112			
211	N INSULATING PUTTY,MED-VOLT TERMS.	19EA4111102			
212	N ELECTRICAL TAPE,MED-VOLT TERMS.	19EA4111112			
213	HI-VOLTAGE TERMINAL ASY.	(3) 19XR660064			
	Consists of all parts included in the rebuild kit. If only rebuilding terminal see rebuild kit item #216. Also includes items #214 & #215.				
214	HI-VOLTAGE TERM. O-RING (INNER)	(3) KK71EW325			
215	HI-VOLTAGE TERM. O-RING (OUTER)	(3) KK71EW311			
216	HI-VOLTAGE TERMINAL REBUILD KIT	19XR660018			
	Consists Of Hex Nut, Washer, Sleeves And O-Rings It# 214 & 215.				
217	HI-VOLTAGE TERMINAL STUD	(3) 02XB05003101			
	Terminal Stud May Req. Field Modification Before Installation.				
218	HI-VOLTAGE CONNECTOR LUG	(3) 02XB05002901			
219	HI-VOLTAGE TERMINAL FOAM PAD	19XR45001501			
220	HI-VOLTAGE TERMINAL FOAM PAD	19XR75001401			
221	HI-VOLTAGE TERMINAL,FRAME ASY.	19XR44001201			
	LUBRICATION PACKAGE				
222 A	OIL PUMP ASY (200/240-60)W/O OIL FIL	02XR44050601			
222 B	OIL PUMP ASY (380/480-60)W/O OIL FIL	02XR44050602			
222 C	OIL PUMP ASY (507/619-60)W/O OIL FIL	02XR44050605			
222 D	OIL PUMP ASY (220/240-50)W/O OIL FIL	02XR44050603			
222 E	OIL PUMP ASY (346/440-50)W/O OIL FIL	02XR44050604			
225	COVER,MOTOR END	02XR05009801			
226	COVER,PUMP END	02XR45050401			
227	HOUSING,PUMP	02XR45050201			
228	PUMP SHAFT (GEROTOR STYLE)	02XR45050601			
229	ROTOR (COPELAND)	02XB05002401			
230	SLEEVE (LONG)	02XB35024601			
231	PUMP ELEMENT (GEROTOR STYLE)	02XR45050301			
232	CLAMPING RING	19D211011			
233	DOWEL PIN (3/4" LONG)	(2) AX11AR168			
234	PLUG (W/"O" RING)	(2) CA63AM200			
235	SCREW (5/16-18 X 1-1/4LG)	AA44AA202			
236	SET SCREW (1/4-20 X 1/2")	AE17AR166			

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: 5 5
SERIES: SRD/REB

ITM	PART DESCRIPTION	19XR-#5 REB			
		COMPR. SIZE			
	LUBRICATION PACKAGE				
237	"O" RING (HERM TERM) (2 1/16"OD)	KK71EW134			
238	HERMETIC TERMINAL (5 PIN)	HY85FP032			
239	"O" RING (PUMP W/O FILTER)	KK71EW263			
240	"O" RING	KK71EW165			
241	PISTON	02XR05012501			
242	SPRING	19EA517262			
243	PLUNGER	02XR04003801			
	Includes: Items #244 - 245.				
244	"O" RING	KK71EW111			
245	"O" RING	KK71EW912			
246	CAP, VALVE	EN99ZA006			
247	VALVE, SHUT OFF	02XR05009701			
	Includes: Item #248.				
248	O-RING	KK71EW916			
249	OIL COOLER	02XR05013301			
250	BRACKET, OIL COOLER	02XB35031601			
251	FITTING, FEMALE ROTALOCK	02XR05005101			
252	FITTING, MALE ROTALOCK	02XR05005201			
253	SEAL, TEFLON	02XR05009101			
254	BRACKET, OIL FILTER	02XR34013001			
255	CLAMP, IN-LINE OIL FILTER	(2) 02XR05009601			
256	OIL FILTER, INLINE (W/SEAL)	02XR05009501			
256 A	SEAL, ROTOLOC	183802-A			
257	VALVE, SHUTOFF	02XR05005001			
258	FLANGE (2-BOLT, O-RING KK71EW223)	DK24CA717			
259	TRANSDUCER, PRESSURE	HK05Y2007			
260	COUPLING, MALE FLARE TO ODS FEMALE	DE08DA142			
261	"O" RING, INLINE OIL FILTER	24592			
	PIC II & PIC III CONTROLS GROUP				
262 A	CONTROL PANEL (STANDARD)	19XR04030704			
	Note: Used On Machines Without VFD and with compressor motor voltage below 10kv.				
262 B	CONTROL PANEL (STANDARD)	X			
	Note: Used On Machines Without VFD and with compressor motor voltage 10kv and higher.				
262 C	CONTROL PANEL (STANDARD)	19XR04030804			
	Note: Used On Machines With Liquid-Flo II & Standard VFD's only.				
262 D	CONTROL PANEL (UPC W/LON)	19XR04030709			
	Note: Used On Machines Without VFD and with compressor motor voltage below 10kv.				
262 E	CONTROL PANEL (UPC W/LON)	X			
	Note: Used On Machines Without VFD and with compressor motor voltage 10kv and higher.				
262 F	CONTROL PANEL (UPC W/OUT LON)	19XR04030710			
	Note: Used On Machines Without VFD and with compressor motor voltage				

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: 5 5
SERIES: SRD/REB

ITM	PART DESCRIPTION	19XR-#5 REB			
		COMPR. SIZE			
	PIC II & PIC III CONTROLS GROUP				
	below 10kv.				
262 G	CONTROL PANEL (UPC W/OUT LON)	X			
	Note: Used On Machines Without VFD and with compressor motor voltage				
	10kv and higher.				
262 H	CONTROL PANEL (UPC W/LON)	19XR04030809			
	Note: Used On Machines With Liquid-Flo II or Standard VFD's only.				
262 I	CONTROL PANEL (UPC W/OUT LON)	19XR04030810			
	Note: Used On Machines With Liquid-Flo II or Standard VFD's only.				
263	TERMINAL BLOCK	23XL05007901			
264 A	CONTROL,CHILLER (ICVC)(PIC II)	19XR04023410			
264 B	CONTROL,CHILLER (ICVC)(PIC III)	19XR04029404			
265	MODULE,CHILLER CONTROL (CCM)	CES0130038			
266	CONTROLLER (UPC OPEN)(W/OUT VFD'S)	19XR05034301			
267	CONTROLLER (UPC OPEN)(W/VFD'S)	19XR05034302			
268 A	CONTROLLER (LON CARD)	HK50RL002			
268 B	CONTROLLER (LON CARD)	HK50RL004			
268 C	BRACKET,MODULE (UPC & LON)	19XR05033701			
269	SUPPRESSOR,NOISE (SNUBBER)	HK99Z2001			
270	CIRCUIT BREAKER (CB)	(3) HH83ZB008			
271	RESISTOR (4.3K) (TERM. 7 TO 8)	(2) HT21AZ111			
	Resistor (4.3 KOHM, 1/2 WATT) referenced in SB-C0302				
272	RESISTOR (10K) (TERM. 11 TO 12)	HT21AZ110			
273	CAM LOCK (W/KEYS)	KA19NL010			
274	BUMBER,RUBBER	(2) KA58MR001			
275	BOLT,SHOULDER (SPECIAL)	(2) 19XR05007401			
276	COVER,PANEL	19XR05007501			
277	CONNECTOR (6 PIN) (J12)	HY06MP106			
278	CONNECTOR (5 PIN) (J1 ON CVC)	HY07MP505			
279	CONNECTOR (2 PIN)	HY06AM015			
280	CONNECTOR (3 PIN)	HY84EE103			
281	CONNECTOR (4 PIN)	HY84EE104			
282	CONNECTOR (6 PIN)	HY84EE106			
283	CONNECTOR (12 PIN) (MARKED 1-12)	HY84EE112			
284	CONNECTOR (12 PIN) (MARKED 13-24)	HY84EE132			
285	CONNECTOR (14 PIN) (MARKED 1-14)	HY84EE114			
286	CONNECTOR (14 PIN) (MARKED 15-28)	HY84EE134			
287	CABLE,PRESS. TRANSDUCER (3 WIRE)	19XB660008			
288	CABLE,TEMPERATURE SENSOR (2 WIRE)	HH79NZ064			
289	WIRE HARNESS (10 WIRE)	19XR04010701			
290	CABLE ASY (CCM TO CVC)	19XR05009701			
291	CAPACITOR	19XR05016201			
292	SENSOR,TEMP. (WELL INSERTION)	(3) HH79NZ031			
	Compressor Disch. & Sump Temp, Cooler Saturation Temp.				
	Sensor Includes Integral Cable.				
293	SENSOR,TEMP. (WELL INSERTION)	(4) HH79NZ032			

PARTS LIST CATALOG

PARTS LIST PAGE: 009

CATALOG NO.: REV.
SUPERSEDES: REV.

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



CENTRIFUGAL CHILLER
(INCLUDES 19XR & 19XR
INFORMATION)

19XR

SIZE: 5 5
SERIES: SRD/REB

ITM	PART DESCRIPTION	19XR-#5 REB COMPR. SIZE			
PIC II & PIC III CONTROLS GROUP					
	Cooler & Condenser Entering And Leaving Temp.				
	Sensor Includes Intergral Cable.				
294	WELL,TEMP. SENSOR (USED W/292 & 293)	19EF5011212			
295	SENSOR,HUMIDITY (LIQ-FLO II VFD)	23XR04007701			
296 A	POWER PANEL ASY (STANDARD)	19XR04009902			
	Note: Used On Machines Without VFD.				
296 B	POWER PANEL ASY (STANDARD)	19XR04031403			
	Note: Used On Machines With Liquid-Flo II or Standard Tier VFD only.				
296 C	POWER PANEL ASY (UPC)	19XR04009912			
	Note: Used On Machines Without VFD.				
296 D	POWER PANEL ASY (UPC)	19XR04031413			
	Note: Used On Machines With Liquid-Flo II or Standard Tier VFD only.				
297	COVER,PANEL	19XB05000301			
298	BARRIER	19XB05000401			
299	TRANSFORMER (T1)	HT01BD118			
300	TRANSFORMER (T2)	HT01BD118			
301	TRANSFORMER (T3)	HT01BD118			
302	TERMINAL BLOCK	19XR05013101			
303	CONTACTOR (OIL HEATER)	HN53CC024			
304	AUXILIARY CONTACTOR (SIDE MOUNT)	X			
305	CONTACTOR (OIL PUMP)	HN53HC023			
306	GROUND LUG	HY90HR001			
307	ACCESS PANEL,LOW VOLTAGE	19XB05000401			
308	MOUNTING BRACKET,CONTROL PANEL	19XR04010001			
309	MOUNTING BRACKET,POWER PANEL	X			
310	TRANSDUCER,PRESSURE	(7) HK05YZ007			
312	INTEGRATED STARTER MODULE W/SCHEMATI	19XR04012202			
313 A	FUSE,ISM (USED W/19XR04002201)	X			
313 B	FUSE,ISM (USED W/19XR04002202)	GDB-1A			
314	CABLE ASY (VFD FLO II SOLENOID)	19XR04029501			
MACHINE ARRANGEMENT & PIPING					
315	VALVE,SOLENOID (LIQ FLO 2 VFD)	X			
316	VALVE,BALL (LIQ FLO 2 VFD)	EP71BA331			
317	CONNECTOR,BRAZE (THREADED CONN.)	(2) DK24CA315			
318	O-RING (VFD COOL.)(THREADED CONN.)	X			
319	SLEEVE,BRAZE O-RING FACE SEAL)	X			
320	NUT (O-RING FACE SEAL)	X			
321	STRAINER,REFRIGERANT	23XR05015401			
322	GASKET,RING (3")	(2) CT99QX501			
323	GASKET,RING (4")	CT99QX601			
324	GASKET,RING (5")	CT99QX651			
325	GASKET,RING (6")	X			
326	GASKET,RING (8")	X			
327	GASKET,RING (10")	X			
328	GASKET,RING (12")	(2) CT99QX951			

PARTS LIST CATALOG

PARTS LIST PAGE: 010

CATALOG NO. : REV.
SUPERSEDES : REV.

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



CENTRIFUGAL CHILLER
(INCLUDES 19XR & 19XRV
INFORMATION)

19XR

SIZE: 5 5
SERIES: SRD/REB

ITM	PART DESCRIPTION	19XR-#5 REB			
		COMPR. SIZE			
	MACHINE ARRANGEMENT & PIPING				
329	GASKET,RING (16")	(2)	CT99QX960		
330	VALVE,RELIEF (COND.)	(2)	EB51FZ301		
331	VALVE,RELIEF (COOL.)	(2)	EB51FZ301		
332	VALVE,SHUTOFF (1")		EP83CC301		
333	BUSHING,REDUCER (COOL/COND RELIEF)	(2)	CA53AA424		
334	FILTER,REFRIGERANT (OIL RECLAIM)		KH42ME060		
335	"0" RING (2-BOLT FLANGE)		KK71EW223		
336	"0" RING (4-BOLT FLANGE)		KK71EW229		
337	VALVE,BALL (3/8")	(2)	EP71BA121		
338	SIGHTGLASS		SA-13S		
339	"0" RING,DRAIN		KK71EW262		
340	VALVE,BALL (1-1/2")		EP83CC301		
341	VALVE,BALL (7/8")	(2)	EP71BA271		
342	DRIER,FILTER (7/8") (13-5/8)(SEE NOT		KH45LE170		
	Used on machines w/out a VFD and machines with a frame #7 cooler with a VFD.				
343	DRIER,FILTER (7/8") (7-5/8)(SEE NOTE		KH45LE171		
	Used on machines with frame #8 cooler with VFD only.				
346	INDICATOR,MOISTURE (7/8")		KM43AG501		
347	VALVE,BALL (COOLER DRAIN)		EP71CQ422		
349	VALVE,SERVICE (1/2")	(3)	EP71CZ182		
350	VALVE,SCHRADER		X		
351	GAUGE,PRESSURE		KM03AC256		
353	SCREEN,FLOAT VALVE		09XR04005801		
354	VALVE ASY,FLOAT (COND.)		09XR04005304		
355	RING,RETAINING	(3)	AU45AZ025		
357	SHAFT,FLOAT		09XR05013003		
358	BEARING,FLOAT SHAFT	(2)	09XR05011301		
359	SPACER	(2)	09XR05013203		
360	WASHER,FLOAT VALVE	(3)	AU04AV241		
362	"0" RING,FLOAT VALVE		KK71EW468		
363	VALVE,BUTTERFLY (DISCH. ISOLATION)		19XR05016407		
	Note: new flange o-rings are included with valve.				
	For complete o-ring kit see item 363a.				
363 A	O-RING KIT (FOR ITEM# 363)(NORRISEAL		540003025		
	Kit contains flange o-rings, shaft o-rings, lubrication tubes, thrust washer and disc o-rings.				
364	VALVE,BUTTERFLY (DISCH. ISOLATION)		X		
	Note: new flange o-rings are included with valve.				
	For complete o-ring kit see item 364a.				
364 A	O-RING KIT (FOR ITEM# 364)(NORRISEAL		X		
	Kit contains flange o-rings, shaft o-rings, lubrication tubes, thrust washer and disc o-rings.				
365	VALVE,BUTTERFLY (COOL. ISO) (FR #7)		19XR05016402		
	Note: new flange o-rings are included with valve.				

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



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

19XR

SIZE: 5 5
SERIES: SRD/REB

ITM	PART DESCRIPTION	19XR-#5 REB			
		COMPR. SIZE			
	MACHINE ARRANGEMENT & PIPING				
	For complete o-ring kit see item 365a.				
365 A	O-RING KIT (FOR ITEM# 365)(NORRISEAL	540003011			
	Kit contains flange o-rings, shaft o-rings, lubrication tubes, thrust washer and disc o-rings.				
367	VALVE,BUTTERFLY (COOL. ISO) (FR #8)	19XR05016403			
	Note: new flange o-rings are included with valve.				
	For complete o-ring kit see item 367a.				
367 A	O-RING KIT (FOR ITEM# 367)(NORRISEAL	540003014			
	Kit contains flange o-rings, shaft o-rings, lubrication tubes, thrust washer and disc o-rings.				
375	ORIFICE	19XR05033902			
376	"O" RING	(2) KK71EW210			
377	FLANGE	(2) DK24CA315			
400	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.				
400 A	COOLER TUBE QTY. (FR# 70,75)	644			
400 B	COOLER TUBE QTY. (FR# 71,76)	726			
400 C	COOLER TUBE QTY. (FR# 72,77)	790			
400 D	COOLER TUBE QTY. (FR# 73,78)	812			
400 E	COOLER TUBE QTY. (FR# 74,79)	832			
400 F	COOLER TUBE QTY. (FR# 7K,7T)	303			
400 G	COOLER TUBE QTY. (FR# 7L,7U)	341			
400 H	COOLER TUBE QTY. (FR# 7M,7V)	376			
400 I	COOLER TUBE QTY. (FR# 7P,7X)	319			
400 J	COOLER TUBE QTY. (FR# 7Q,7Y)	357			
400 K	COOLER TUBE QTY. (FR# 7R,7Z)	393			
400 L	COOLER TUBE QTY. (FR# 80,85)	829			
400 M	COOLER TUBE QTY. (FR# 81,86)	901			
400 N	COOLER TUBE QTY. (FR# 82,87)	976			
400 O	COOLER TUBE QTY. (FR# 83,88)	1001			
400 P	COOLER TUBE QTY. (FR# 84,89)	1025			
400 Q	COOLER TUBE QTY. (FR# 8K,8T)	419			
400 R	COOLER TUBE QTY. (FR# 8L,8U)	462			
400 S	COOLER TUBE QTY. (FR# 8M,8V)	504			
400 T	COOLER TUBE QTY. (FR# 8P,8X)	437			
400 U	COOLER TUBE QTY. (FR# 8Q,8Y)	481			
400 V	COOLER TUBE QTY. (FR# 8R,8Z)	523			
400 W	COOLER TUBE QTY. (FR# XX)	X			
400 X	COOLER TUBE QTY. (FR# XX)	X			
400 Y	COOLER TUBE QTY. (FR# XX)	X			
400 Z	COOLER TUBE QTY. (FR# XX)	X			
426	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.				

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



CENTRIFUGAL CHILLER
(INCLUDES 19XR & 19XRV
INFORMATION)

19XR

SIZE: 5 5
SERIES: SRD/REB

ITM	PART DESCRIPTION	19XR-#5 REB			
		COMPR. SIZE			
	MACHINE ARRANGEMENT & PIPING				
426 A	CONDENSER TUBE QTY. (FR# 70,75)	781			
426 B	CONDENSER TUBE QTY. (FR# 71,76)	870			
426 C	CONDENSER TUBE QTY. (FR# 72,77)	956			
426 D	CONDENSER TUBE QTY. (FR# 73,78)	986			
426 E	CONDENSER TUBE QTY. (FR# 74,79)	996			
426 F	CONDENSER TUBE QTY. (FR# 80,85)	990			
426 G	CONDENSER TUBE QTY. (FR# 81,86)	1080			
426 H	CONDENSER TUBE QTY. (FR# 82,87)	1170			
426 I	CONDENSER TUBE QTY. (FR# 83,88)	1260			
426 J	CONDENSER TUBE QTY. (FR# 84,89)	1355			
427 A	COOLER W/B GASKET (NIH) (FR#7)	(2) 10XR75000401			
	Used on Frame #7 Coolers with Nozzle in Head & Blank Head waterbox styles. See drawing for style clarification.				
427 B	COOLER W/B GASKET (NIH) (FR#8)	(2) 10XR85000601			
	Used on Frame #8 Coolers with Nozzle in Head & Blank Head Waterbox styles. See drawing for style clarification.				
427 C	CONDENSER W/B GASKET (NIH) (FR#7)	(2) 09XR75000901			
	Used on Frame #7 Condensers with Nozzle in Head & Blank Head Waterbox styles. See drawing for style clarification.				
427 D	CONDENSER W/B GASKET (NIH) (FR#8)	(2) 09XR85000901			
	Used on Frame #8 Condensers with Nozzle in Head & Blank Head Waterbox styles. See drawing for style clarification.				
428 A	COOLER W/B GASKET (MARINE) (FR#7)	(2) 10XR75000401			
	Used on Frame #7 Coolers with Marine Waterbox styles. See drawing for style clarification.				
428 B	COOLER W/B GASKET (MARINE) (FR#8)	(2) 10XR85000601			
	Used on Frame #8 Coolers with Marine Waterbox styles. See drawing for style clarification.				
428 C	CONDENSER W/B GASKET (MARINE) (FR#7)	(2) 09XR75000901			
	Used on Frame #7 Condensers with Marine Waterbox styles. See drawing for style clarification.				
428 D	CONDENSER W/B GASKET (MARINE) (FR#8)	(2) 09XR85000901			
	Used on Frame #8 Condensers with Marine Waterbox styles. See drawing for style clarification.				
429 A	COOLER W/B GASKET (DISHED) (FR#7)	(2) 09XR05007004			
	Used on Frame #7 Coolers with Dished Head & Blank Head Waterbox styles See drawing for style clarification.				
429 B	COOLER W/B GASKET (DISHED) (FR#8)	(2) 09XR05007005			
	Used on Frame #8 Coolers with Dished Head & Blank Head Waterbox styles See drawing for style clarification.				
429 C	CONDENSER W/B GASKET (DISHED) (FR#7)	(2) 09XR05007004			
	Used on Frame #7 Condensers with Dished Head & Blank Head Waterbox styles. See drawing for style clarification.				
429 D	CONDENSER W/B GASKET (DISHED) (FR#8)	(2) 09XR05007005			
	Used on Frame #8 Condensers with Dished Head & Blank Head Waterbox				

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



CENTRIFUGAL CHILLER
(INCLUDES 19XR & 19XRV
INFORMATION)

19XR

SIZE: 5 5
SERIES: SRD/REB

ITM	PART DESCRIPTION	19XR-#5 REB COMPR. SIZE			
MACHINE ARRANGEMENT & PIPING					
	styles. See drawing for style clarification.				
430	CONDENSER W/B GASKET (BOLTED MARINE)	(2) 09XR75001901			
	Used on Frame #7 Condensers with Bolted on Marine Waterbox styles.				
	See drawing for style clarification.				
431	GASKET,DIVISION PLATE (25' ROLL)	19XB680001			
MIN.LOAD/HOT GAS BYPASS					
460	VALVE,SOLENOID (FR# 5,6 COND. ONLY)	X			
461	REBUILD KIT,SOLENOID VALVE ITEM# 460	X			
462	VALVE,SOLENOID (FR# 7,8 COND. ONLY)	19XR74003401			
462 A	ACTUATOR	19XR680145			
463	PILOT RELAY (FR# 5,6, COND. ONLY)	X			
464	PILOT RELAY (FR# 7,8 COND. ONLY)	HN61KQ120			
465	VALVE,BALL (1-5/8")	X			
466	O-RING (FR# 5,6 COND. ONLY)	X			
467	GASKET,RING (FR# 7,8 COND. ONLY)	(2) CT99QX501			
PUMPDOWN ASSEMBLY					
468 A	PUMPOUT ASSEMBLY (208/230-3-50/60)	19XR04026801			
468 B	PUMPOUT ASSEMBLY (460-3-60)	19XR04026802			
468 C	PUMPOUT ASSEMBLY (400-3-50)	19XR04026803			
469	VALVE,DIAPHRAGM (5/8 ODS)	(4) EP10BA211			
470	NUT,FLARE (1/4)	(2) DD02CA051			
471	VALVE,RELIEF (3/8)	EB51LZ188			
472	VALVE,CHECK (5/8)	EC31EZ212			
473 A	CONTROL PANEL (208/230-3-50/60)	19XR04028201			
473 B	CONTROL PANEL (460-3-60)	19XR04028202			
473 C	CONTROL PANEL (400-3-50)	19XR04028203			
474	SWITCH,HIGH PRESSURE	19XR05029201			
475	SWITCH,VACUUM	19XR05018801			
476	CONTACTOR	HN53CD115			
477 A	FUSE,PRIMARY (230V)(FU1 & FU2)	(2) KLDRI/2			
477 B	FUSE,PRIMARY (460V)(FU1 & FU2)	(2) KLDRI/4			
477 C	FUSE,PRIMARY (400V)(FU1 & FU2)	(2) KLDR4/10			
478	FUSE (FU3)	KLDRI/2			
479	BLOCK,TERMINAL (TB)	XBUT6			
480	SWITCH,SELECTOR (ON/OFF)(SS1)	M225WRK3K20			
481	HOLDER,FUSE (FU1,FU2)	CHCC2D1			
482	HOLDER,FUSE (FU3)	CHCC1D1			
483 A	TRANSFORMER (230/460V)(XFMR)	1497-A-BASX-0-N			
483 B	TRANSFORMER (380/400/415)(XFMR)	1497-A-M4-0-N			
484	SEPARATOR,OIL	19XR05016701			
484 A	SEAL,ROTOLOCK FITTING (3/4" ID)	19XR05039301			
484 B	SEAL,ROTOLOCK FITTING (1" ID)	19XR05039302			
484 C	ADAPTER (1-1/4")	19XR05038401			
484 D	ADAPTER (1")	19XR05038501			
485	CONDENSER	19XR05035801			

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

19XR

SIZE: 5 5
SERIES: SRD/REB

ITM	PART DESCRIPTION	19XR-#5 REB			
		COMPR. SIZE			
	PUMPDOWN ASSEMBLY				
486 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.				
486 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.				
487	CRANKCASE HEATER (200/600V)	P041-4131			
	STARTER GROUP				
546	STARTER (BENSHAW)	SEE.NOTE			
	Starter Information: To determine service parts for a Benshaw Starter locate model number on the starter name plate (19XRT,19XRU,19XR V,19XR W 19XRX,19XRY) then in EPIC do a model search using first five digits.				
	CONTROL PANEL/ VAR. FREQ. DRIVE (VFD)				
546 A	VARIABLE FREQUENCY DRIVE (EATON)	SEE.NOTE			
	VFD Information: To determine service parts for a Eaton VFD locate model number on the VFD's name plate (19XVE) number then in EPIC do a model search using first five digits.				
546 B	VARIABLE FREQUENCY DRIVE (ROCKWELL)	SEE.NOTE			
	VFD Information: To determine service parts for a Rockwell VFD locate model number on the VFD's name plate (19XVR or 19XVA) Then in EPIC do a model search using first five digits.				
	PIC 6 CONTROLS				
600	MAIN CONTROL PANEL REFERENCE	19XR04037201			
601	CONTROL BOX (SHEET METAL)	19XR04037302			
602	ENCLOSURE ASSEMBLY	19XR04037601			
603	DOOR FRAME ASSEMBLY	19XR04037501			
604	CONTROL PANEL HOOD	19XF05004201			
605	RUBBER GROMMET	19XF05004101			
606	HINGE	(3) KA16ZZ001			
607	DOOR LATCH	(2) KA05SF001			
608	ENCLOSURE FILTER	(2) KH03HZ400			
609	FILTER COVER	(2) HX29ZZ001			
610	CHILLER CONTROL MODULE (IOB BOARDS)	(4)XCEPL131092-03-R-I			
	Important! Before installing new module refer to "Start-Up, Operation, and Maintenance Instructions for proper DIP Switch settings.				
611	TERMINAL BLOCK	(115) HY84EG001			
612	TERMINAL BLOCK JUMPER	HY680106			
613	CIRCUIT BREAKER (5 AMP)	HH83ZB001			
614	WIRE HARNESS (PIC 6 PWR. & COMM.)	19XR05510001			
	Connections: HMI to 1IOB(J3), 1IOB(J4) to 2IOB(J4), 2IOB(J4) to 3IOB(J3), 3IOB(J4) to 4IOB(J3), HMI to 1TB, 1TB to 1CB). 1IB(2) to 2IOB(J1), 1CB to 1IOB(J1), 1TB to 1IOB(J1), 2IOB(J2) to 3IOB(J1), 3IOB(J2) to 4IOB(J1), 3IOB/4IOB(J2) to HMI.				

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



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

19XR

SIZE: 5 5
SERIES: SRD/REB

ITM	PART DESCRIPTION	19XR-#5 REB			
		COMPR. SIZE			
	PIC 6 CONTROLS				
615	WIRE HARNESS (PIC 6 1IOB)	19XR05510101			
	Connections: 1IOB(J13) to 1TB.				
616	WIRE HARNESS (PIC 6 2IOB)	19XR05510201			
	Connections: 2IOB(J13) to 2TB.				
617	WIRE HARNESS (PIC 6 3IOB)	19XR05510301			
	Connections: 3IOB(J12,J13,J14,J15,J16) to 3TB.				
618	WIRE HARNESS (PIC 6)	19XR05045501			
	Connections: temperature sensors, pressure sensors, solenoid valve, 1IOB(J14), 2IOB(J14), 2IOB(J10), 1IOB(J16), 1IOB(J15), 1IOB(J12), 1IOB(J11), 2IOB(J16), 2IOB(J15), 2IOB(J11).				
619	WIRE HARNESS (PIC 6 OIL PUMP)	19XR05045601			
	Connections: Control Panel To Power Panel.				
620	WIRE HARNESS (PIC 6 4IOB)	19XR05510401			
	Connections: 4IOB(J12), 4IOB(J14), 4IOB(J15), 4IOB(J16), 4IOB(J11).				
621	CABLE ASSEMBLY (PIC 6 COMMUNICATION)	19XR04037801			
622	TEMP. SENSOR (COMPRESSOR DISCHARGE)	HH79NZ032			
623	TEMP. SENSOR (EVAP. REFRIG. LIQUID)	HH79NZ032			
624	TEMP. SENSOR (COOLER ENTERING WATER)	HH79NZ032			
625	TEMP. SENSOR (COOLER LEAVING WATER)	HH79NZ032			
626	TEMP. SENSOR (COND. ENTERING WATER)	HH79NZ032			
627	TEMP. SENSOR (COND. LEAVING WATER)	HH79NZ032			
628	TEMP. SENSOR (OIL SUMP)	HH79NZ031			
629	TEMP. SENSOR (OIL SUPPLY)	HH79NZ098			
630	PRESSURE SENSOR CABLE (3-WIRE)	19XB660008			
631	SCREEN ASSEMBLY (TOUCH PANEL)	RC6600034			
632	RELAY SOCKET	(2) HY11TC032			
633	RELAY	(2) HN61ZP032			
634	MODULE (CELLULAR CONNECTION)	HK72Z2001			
635	ANTENNA	HY08Z2001			
636	ETHERNET SWITCH	HY09Z2001			
637	UPC LEN MODBUS CARD	HK50Z2001			
638	X	X			
639	X	X			
	MISCELLANEOUS GROUP				
700	N PAINT (SPRAY CAN)(GRAY)	PH23GH022			
701	N PAINT (GALLON CAN)(GRAY)	PH23GH022G			
702	N BRUSH,TUBE CLEANING (3/4" I.D.)	GTC-21111/16			
703	N COMPRESSOR OIL (1 GALLON)	PP23BZ103001			
704	N COMPRESSOR OIL (5 GALLON)	PP23BZ103005			
705	N COMPRESSOR OIL (55 GALLON)	PP23BZ103055			
706	N INSULATION, SHEET (3/4 X 48 X 64)	QR0948486434			
707	N UNIT LOGO "CARRIER"	(2) 19XB05010301			
	Note: For Any "Take Apart Kits" Or "Maintenance Kits" Refer To "Kitting Program" Or Contact Your Carrier (RCD) Rep.				
708	N FLOW SWITCH,DIFFERENTIAL PRESSURE	HK06ZC035			

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

