



BY JOHNSON CONTROLS

Service Information

File In/With: N/A

SI0198

Rev

1209

Equipment Affected: Small Tonnage Commercial Chiller Products

DX Evaporator Gasket Replacement Procedure - supersedes SI0198 (409)

General:

The following outlines the recommended procedure for Chiller DX Evaporator Gasket replacement. It is highly recommended that any replacement gasket be furnished per the part number in the Replacement Parts Form (Reference YORK Product Service Library). This gasket number provides the exact replacement material, thickness and design as furnished by the original equipment manufacturer along with any updates to the gasket. Failure to use the proper replacement gasket could void any existing warranty coverage.

Chiller Evaporator Cooler Gasket Replacement Procedure:

1. Familiarize yourself with all of these instructions prior to proceeding.
2. Verify all refrigerant has been removed from the Cooler (Draining of the Cooler is not required).
3. Carefully remove insulation from the head bolt area to facilitate bolt and head removal, making sure to mark insulation for replacement.
4. Cut/un-sweat refrigerant lines from refrigerant head (if required).
5. Carefully remove all bolts from head being careful head does not slip out or damage bolting studs. Remove Heads.

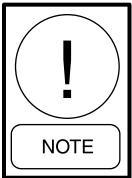


Heads are very heavy and require extreme care when being handled. Use supporting straps, slings, etc. as needed.

6. Clean off old gasket material from head, tube sheet and baffle ring (If installed).
 - a. Peel and scrape off old gasket and adhesive (**Use care NOT to gouge or mar the head surface**).
 - b. Utilize a hand scraper to remove old gasketing/adhesive. Clean all "gasket" surfaces (tube sheet, both baffle ring surfaces and head) with acetone or equivalent solvent using clean rags.
 - c. Final surface should appear shiny and allowed to dry.
7. Verify the replacement gasket is correct.
8. Apply Adhesive
 - a. When possible, provide an adhesive curing environment that is as close to 70°F as possible. A normal 70°F semi-curing time minimum is 2 hours with a full curing time in 24 hours. Lower temperatures will require longer curing times. Never apply adhesive below 40°F. Only apply adhesive to one side of the head (and baffle ring if installed) mating surface. When tacky, set gasket in place. Adhesive is only used to hold the gasket in place during assembly. Most refrigerants will dissolve the adhesive. Note: Any excess adhesive will only increase the amount of "set" the gasket will take. The adhesive is NOT used for sealing leaks.
 - b. Apply a thin (0.010" – 0.015") uniform coat of 3M Scotch Grip #1357 adhesive (Loctite #380 may be substituted but requires a longer curing time) to the head surface only and allow to tack prior to mating gasket. Repeat for baffle ring gasket (If installed).

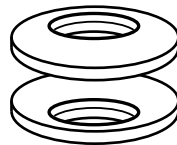
Exception: Contact YORK Technical Support on older 3 & 4 Compressor YCAV and YCIV Chillers having individual "Bulb & Channel" replacement gaskets for direction on installing flat gaskets.

- c. After surfaces are tacky, carefully place gasket on head to assure proper alignment (I.e. Gasket is centered on the head partition) and gasket fits flush to surface (No air pockets).
 - d. Check gaskets to assure they adhere before installing head and associated parts. Allow proper semi-curing time (See “a” above) before re-installing head with Gasket.
 - e. Prior to re-installing, cut any unused dividers from the gasket following semi-curing, being careful not to miss-align gasket.
9. Carefully guide head/gasket and baffle ring/gasket (if applicable) back into place on the Cooler, making certain that the gasket is not disturbed. Install "new" Belleville Washers and Snug head bolts so that head does not move once in place. Belleville washers are used to displace gasket "set".



Belleville Washers are required – Verify you have the required quantity of "new" Belleville Washers available and correctly in place, prior to installing nuts. Use (2) washers per stud, stacked in series as follows.

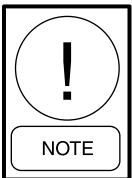
Where evaporator studs will NOT accommodate Belleville washers, or Belleville washers are NOT included, it will be necessary to re-check the torque values after 2 weeks and again at 4 weeks as a minimum. If the torque values did NOT change through the 1 month review, revisit the review monthly up to 3 months.



NOTE:
Concave sides of washers face the other washer.

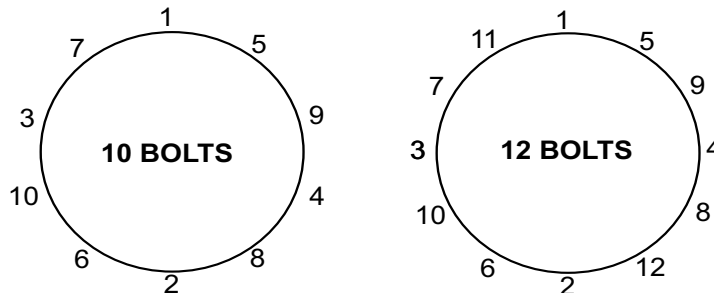
Belleville Spring Washers				
NOTE: 3/4" or 1" may also be required on some Evaporators				
Stud Dia., In.	1/2"	5/8"	3/4"	1"
YORK Part Number	021-15676-000	021-19386-000	021-30765-000	021-30770-000

10. Torque Bolts diametrically by quadrants (Criss-Cross).

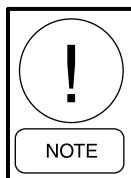


Special Note: When center bolts are part of the torque scheme, always start with the center bolts from center diametrically outward (Note that Ft Lbs may vary from perimeter), then the perimeter bolts diametrically by quadrants similar to the following (Number of bolts may vary). Repeat this in the various "numbered steps" indicated in step 11.

Note also that the center torque schemes may end with two repeat steps where center step number are greater than the perimeter step numbers.



11. Evaporator Head Torque Information is shown in the table below.



Do NOT tighten bolts beyond the final step value (always review torque again after 24 hours but do not exceed maximum value).

Final Torque Range	Torque Step #1	Torque Step #2	Torque Step #3	Torque Step #4	Torque Step #5	Torque Step #6	Torque Step #7	Torque Final Max
50 - 60	20	30	40	50	60	N/A	N/A	60
55 - 65	20	30	40	50	65	N/A	N/A	65
80 - 88	20	35	50	65	80	88	N/A	88
75 - 85	20	35	50	65	80	85	N/A	85
105 - 115	20	40	60	80	100	110	115	115

NOTE: All torque values are in foot lbs.

12. ***Re-torque to above specs after 24 hours, prior to evacuating, charging, and running system(s).***
13. Evacuate all circuits to 500 Microns. Recharge (1) circuit and verify the vacuum holds on the other circuit(s). Repeat for other system(s) and final charge.
14. Chiller is now ready to run.
15. Reference the following tables for torque values of scroll, screw and recip chillers.

SCROLL PRODUCT EVAPORATOR HEAD TORQUE REQUIREMENTS - SMALL TONNAGE CHILLERS - COMMERCIAL PRODUCTS									
CHILLER MODEL/SIZE	REPLACEMENT PART FORM NUMBER	REFR.	CHILLER DESIGN	HZ	COOLER PN (LESS INSULATION)	PSI DESIGN	PERIM. BOLT DIA	TORQUE FT LBS MIN - MAX (PERIMETER)	TORQUE FT LBS MIN - MAX (CENTER)
YCAL0014 & 20	150.62-RP1 (202)	R22	A	60	375-30960-000	150	1/2"	55 - 65	N/A
YCAL0024	150.62-RP1 (202)	R22	A	60	375-30961-000	150	1/2"	55 - 65	N/A
YCAL0030	150.62-RP1 (202)	R22	A	60	375-44207-000	150	1/2"	55 - 65	N/A
YCAL0034	150.62-RP1 (202)	R22	A	60	375-40906-000	150	1/2"	55 - 65	N/A
YCAL0040 & 44	150.62-RP1 (202)	R22	A	60	375-36066-000	150	1/2"	55 - 65	N/A
YCAL0050 & 60	150.62-RP1 (202)	R22	A	60	375-36066-000	150	1/2"	55 - 65	N/A
YCAL0064, 70 & 74	150.62-RP1 (202)	R22	A	60	375-38501-000	150	1/2"	75 - 85	N/A
YCAL0080	150.62-RP1 (202)	R22	A	60	375-37898-000	150	1/2"	75 - 85	N/A
YCAL0014 & 20	150.62-RP1 (202)	R22	A	60	375-39905-000	300	1/2"	55 - 65	N/A
YCAL0024	150.62-RP1 (202)	R22	A	60	375-39906-000	300	1/2"	55 - 65	N/A
YCAL0030	150.62-RP1 (202)	R22	A	60	375-39912-000	300	1/2"	55 - 65	N/A
YCAL0034	150.62-RP1 (202)	R22	A	60	375-40906-000	300	1/2"	55 - 65	N/A
YCAL0040 & 44	150.62-RP1 (202)	R22	A	60	375-40909-000	300	1/2"	55 - 65	N/A
YCAL0050 & 60	150.62-RP1 (202)	R22	A	60	375-40909-000	300	1/2"	55 - 65	N/A
YCAL0064, 70 & 74	150.62-RP1 (202)	R22	A	60	375-40917-000	300	1/2"	75 - 85	N/A
YCAL0080	150.62-RP1 (202)	R22	A	60	375-40916-000	300	1/2"	75 - 85	N/A
YCAL0014 & 20	150.62-RP6 (603) & 150.62-RP4 (503)	22/407 ¹	B & C	60	375-44214-000	150	1/2"	55 - 65	N/A
YCAL0024	150.62-RP6 (603) & 150.62-RP4 (503)	22/407 ¹	B & C	60	375-44212-000	150	1/2"	55 - 65	N/A
YCAL0030 & 34	150.62-RP6 (603) & 150.62-RP4 (503)	22/407 ¹	B & C	60	375-46006-000	150	1/2"	50 - 60	N/A
YCAL0040, 42, 44, 50 & 60	150.62-RP6 (603) & 150.62-RP4 (503)	22/407 ¹	B & C	60	375-46546-000	150	1/2"	50 - 60	N/A
YCAL0064, 70, 74	150.62-RP6 (603) & 150.62-RP4 (503)	22/407 ¹	B & C	60	375-46542-000	150	1/2"	50 - 60	N/A
YCAL0080	150.62-RP6 (603) & 150.62-RP4 (503)	22/407 ¹	B & C	60	375-46535-000	150	1/2"	50 - 60	N/A
YCAL0090, 94	150.64-RP1 (1105)	22/407	C	60	375-46251-000	150	1/2"	50 - 60	N/A
YCAL0114, 124, 134	150.64-RP1 (1105)	22/407	C	60	375-45265-000	150	1/2"	50 - 60	N/A
YCAL0014 & 20	150.62-RP6 (603) & 150.62-RP4 (503)	22/407 ¹	B & C	60	375-41455-000	300	1/2"	55 - 65	N/A
YCAL0024	150.62-RP6 (603) & 150.62-RP4 (503)	22/407 ¹	B & C	60	375-41456-000	300	1/2"	55 - 65	N/A
YCAL0030 & 34	150.62-RP6 (603) & 150.62-RP4 (503)	22/407 ¹	B & C	60	375-46577-000	300	1/2"	50 - 60	N/A
YCAL0040, 42, 44, 50 & 60	150.62-RP6 (603) & 150.62-RP4 (503)	22/407 ¹	B & C	60	375-46575-000	300	1/2"	50 - 60	N/A
YCAL0064, 70, 74	150.62-RP6 (603) & 150.62-RP4 (503)	22/407 ¹	B & C	60	375-46571-000	300	1/2"	50 - 60	N/A
YCAL0080	150.62-RP6 (603) & 150.62-RP4 (503)	22/407 ¹	B & C	60	375-46567-000	300	1/2"	50 - 60	N/A
YCAL0090, 94	150.64-RP1 (1105)	22/407	C	60	375-46579-000	300	1/2"	50 - 60	N/A
YCAL0114, 124, 134	150.64-RP1 (1105)	22/407	C	60	375-44534-000	300	1/2"	50 - 60	N/A
YCAL0043 & 57	150.62-RP2 (601)	R22	A	50	375-30960-000	150	1/2"	55 - 65	N/A
YCAL0073	150.62-RP2 (601)	R22	A	50	375-30961-000	150	1/2"	55 - 65	N/A
YCAL0087	150.62-RP2 (601)	R22	A	50	375-44207-000	150	1/2"	55 - 65	N/A
YCAL0107	150.62-RP2 (601)	R22	A	50	375-25876-000	150	1/2"	55 - 65	N/A
YCAL0117 & 133	150.62-RP2 (601)	R22	A	50	375-36066-000	150	1/2"	55 - 65	N/A

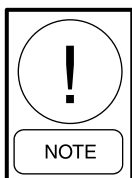
SCROLL PRODUCT EVAPORATOR HEAD TORQUE REQUIREMENTS - SMALL TONNAGE CHILLERS - COMMERCIAL PRODUCTS									
CHILLER MODEL/SIZE	REPLACEMENT PART FORM NUMBER	REFR	CHILLER DESIGN	HZ	COOLER PN (LESS INSULATION)	PSI DESIGN	PERIM. BOLT DIA	TORQUE FT LBS MIN - MAX (PERIMETER)	TORQUE FT LBS MIN - MAX (CENTER)
YCAL0147, 157, 173	150.62-RP2 (601)	R22	A	50	375-36066-000	150	1/2"	55 - 65	N/A
YCAL0197, 217, 237	150.62-RP2 (601)	R22	A	50	375-38501-000	150	1/2"	75 - 85	N/A
YCAL0253	150.62-RP2 (601)	R22	A	50	375-37898-000	150	1/2"	75 - 85	N/A
YCAL0043 & 57	150.62-RP5 (603) & 150.62-RP3 (603)	22/407 ¹	B & C	50	375-44214-000	150	1/2"	55 - 65	N/A
YCAL0073	150.62-RP5 (603) & 150.62-RP3 (603)	22/407 ¹	B & C	50	375-44212-000	150	1/2"	55 - 65	N/A
YCAL0087, 107	150.62-RP5 (603) & 150.62-RP3 (603)	22/407 ¹	B & C	50	375-46006-000	150	1/2"	50 - 60	N/A
YCAL0117, 133, 147	150.62-RP5 (603) & 150.62-RP3 (603)	22/407 ¹	B & C	50	375-46546-000	150	1/2"	50 - 60	N/A
YCAL0157, 173	150.62-RP5 (603) & 150.62-RP3 (603)	22/407 ¹	B & C	50	375-46546-000	150	1/2"	50 - 60	N/A
YCAL0197, 217, 237	150.62-RP5 (603) & 150.62-RP3 (603)	22/407 ¹	B & C	50	375-46542-000	150	1/2"	50 - 60	N/A
YCAL0253	150.62-RP5 (603) & 150.62-RP3 (603)	22/407 ¹	B & C	50	375-46535-000	150	1/2"	50 - 60	N/A
YCAL0287	150.64-RP2 (105)	22/407	C	50	375-46542-000	150	1/2"	50 - 60	N/A
YCAL0317 & 347	150.64-RP2 (105)	22/407	C	50	375-46535-000	150	1/2"	50 - 60	N/A
YCAL0377	150.64-RP2 (105)	22/407	C	50	375-46251-000	150	1/2"	50 - 60	N/A
YCAL0043 & 57	150.62-RP5 (603) & 150.62-RP3 (603)	22/407 ¹	B & C	50	375-41455-000	300	1/2"	55 - 65	N/A
YCAL0073	150.62-RP5 (603) & 150.62-RP3 (603)	22/407 ¹	B & C	50	375-41456-000	300	1/2"	55 - 65	N/A
YCAL0087, 107	150.62-RP5 (603) & 150.62-RP3 (603)	22/407 ¹	B & C	50	375-46577-000	300	1/2"	50 - 60	N/A
YCAL0117, 133, 147	150.62-RP5 (603) & 150.62-RP3 (603)	22/407 ¹	B & C	50	375-46575-000	300	1/2"	50 - 60	N/A
YCAL0157, 173	150.62-RP5 (603) & 150.62-RP3 (603)	22/407 ¹	B & C	50	375-46575-000	300	1/2"	50 - 60	N/A
YCAL0197, 217, 237	150.62-RP5 (603) & 150.62-RP3 (603)	22/407 ¹	B & C	50	375-46571-000	300	1/2"	50 - 60	N/A
YCAL0253	150.62-RP5 (603) & 150.62-RP3 (603)	22/407 ¹	B & C	50	375-46567-000	300	1/2"	50 - 60	N/A
YCAL0287	150.64-RP2 (105)	22/407	C	50	375-46571-000	300	1/2"	50 - 60	N/A
YCAL0317 & 347	150.64-RP2 (105)	22/407	C	50	375-46567-000	300	1/2"	50 - 60	N/A
YCAL0377	150.64-RP2 (105)	22/407	C	50	375-46579-000	300	1/2"	50 - 60	N/A

¹ 407C refrigerant on "c" design chillers only
Note: For chillers not listed or incomplete, please contact product technical support for torque information



Heads are very heavy and require extreme care when being handled. Do not gouge mating surfaces or bolt threads. Refer to and follow "Evaporator Cooler Gasket Replacement Procedure"

SCROLL PRODUCT EVAPORATOR HEAD TORQUE REQUIREMENTS - SMALL TONNAGE CHILLERS - COMMERCIAL PRODUCTS									
CHILLER MODEL/SIZE	REPLACEMENT PART FORM NUMBER	REFR.	CHILLER DESIGN	HZ	COOLER PN (LESS INSULATION)	PSI DESIGN	PERIM. BOLT DIA	TORQUE FT LBS MIN - MAX (PERIMETER)	TORQUE FT LBS MIN - MAX (CENTER)
YCWL0056, 64, & 84 (STD) ¹	201.26-RP1 (508)	R410A	A	60/50	375-71199-000	150	1/2"	50 - 60	N/A
YCWL0094 (STD) ¹	201.26-RP1 (508)	R410A	A	60/50	375-67292-000	150	1/2"	50 - 60	N/A
YCWL0104 & 118 (STD) ¹	201.26-RP1 (508)	R410A	A	60/50	375-71453-000	150	1/2"	50 - 60	N/A
YCWL0132 (STD) ¹	201.26-RP1 (508)	R410A	A	60/50	375-67623-000	150	1/2"	50 - 60	N/A
YCWL0156 (STD) ¹	201.26-RP1 (508)	R410A	A	60/50	375-71828-000	150	1/2"	50 - 60	N/A
YCWL0177 & 198 (STD) ¹	201.26-RP1 (508)	R410A	A	60/50	375-67896-000	150	1/2"	50 - 60	N/A
YCWL0240 (STD) ¹	201.26-RP1 (508)	R410A	A	60/50	375-71199-000	150	1/2"	50 - 60	N/A
YCWL0290 (STD) ¹	201.26-RP1 (508)	R410A	A	60/50	375-67292-000	150	1/2"	50 - 60	N/A
YCWL0345 & 395 (STD) ¹	201.26-RP1 (508)	R410A	A	60/50	375-71453-000	150	1/2"	50 - 60	N/A
YCWL0064 (HE) ²	201.26-RP1 (508)	R410A	A	60/50	375-67292-000	150	1/2"	50 - 60	N/A
YCWL0074, 84, 94, 118 (HE) ²	201.26-RP1 (508)	R410A	A	60/50	375-67623-000	150	1/2"	50 - 60	N/A
YCWL0096 (HE) ²	201.26-RP1 (508)	R410A	A	60/50	375-71828-000	150	1/2"	50 - 60	N/A
YCWL0126 & 156 (HE) ²	201.26-RP1 (508)	R410A	A	60/50	375-67896-000	150	1/2"	50 - 60	N/A
YCWL0200 (HE) ²	201.26-RP1 (508)	R410A	A	60/50	375-67292-000	150	1/2"	50 - 60	N/A
YCWL0230, 345 & 425 (HE) ²	201.26-RP1 (508)	R410A	A	60/50	375-67623-000	150	1/2"	50 - 60	N/A
YCWL0260 & 300 (HE) ²	201.26-RP1 (508)	R410A	A	60/50	375-71453-000	150	1/2"	50 - 60	N/A
YCWL0385 (HE) ²	201.26-RP1 (508)	R410A	A	60/50	375-71828-000	150	1/2"	50 - 60	N/A
YCWL0445, 530 & 610 (HE) ²	201.26-RP1 (508)	R410A	A	60/50	375-67896-000	150	1/2"	50 - 60	N/A
YLAA AIR COOLED HERMETIC SCROLL									
YLAA0070	150.72-RP1 (1008)	R410A	A & B	60	375-75062-000	150	1/2"	50 - 60	N/A
YLAA0080	150.72-RP1 (1008)	R410A	A & B	60	375-75065-000	150	1/2"	50 - 60	N/A
YLAA0090	150.72-RP1 (1008)	R410A	A & B	60	375-75059-000	150	1/2"	50 - 60	N/A
YLAA0091, 101 & 115	150.72-RP1 (1008)	R410A	A & B	60	375-75056-000	150	1/2"	50 - 60	N/A
YLAA0120	150.72-RP1 (1008)	R410A	A & B	60	375-75068-000	150	1/2"	50 - 60	N/A
YLAA0135 & 150	150.72-RP1 (1008)	R410A	A & B	60	375-74999-000	150	1/2"	50 - 60	N/A
YLAA0155	150.72-RP1 (1008)	R410A	A & B	60	375-75068-000	150	1/2"	50 - 60	N/A
¹ FOR "STANDARD" CHILLERS DESIGNATED BY PIN 9 = 'S'									
² FOR HIGH EFFICIENCY CHILLERS DESIGNATED BY PIN 9 = 'H'									



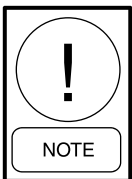
Utilize a hand scraper to remove old gasketing/adhesive. Clean head "gasket" surface, tube sheet and baffle ring (If applicable), as well as tube sheet/baffle ring mating surface with acetone or equivalent solvent using clean rags.

SCREW PRODUCT EVAPORATOR HEAD TORQUE REQUIREMENTS - SMALL TONNAGE CHILLERS - COMMERCIAL PRODUCTS									
CHILLER MODEL/SIZE	REPLACE-MENT PART FORM NUMBER	REFR.	CHILL-ER DESIGN	HZ	COOLER PN (LESS INSULATION)	PSI DE-SIGN	PERIM. BOLT DIA	TORQUE FT LBS MIN - MAX (PERIMETER)	TORQUE FT LBS MIN - MAX (CENTER)
YCAS0090 - 120	201.18-RP5 (900)	22/407	F	60	375-32153-000	150	5/8"	50 - 60	50 - 60
YCAS0090 - 120	201.18-RP5 (900)	22/407	F	60	375-32154-000	300	5/8"	50 - 60	50 - 60
YCAS0130 - 140	201.18-RP1 (900)	R22	F	60	375-30200-000	150	5/8"	50 - 60	50 - 60
YCAS0150 - 230	201.18-RP1 (900)	R22	F	60	375-30201-000	150	5/8"	50 - 60	50 - 60
YCAS0250, 270	201.18-RP3 (700)	R22	F	60	375-29892-000	150	5/8"	75 - 85	55 - 65
YCAS0300, 330	201.18-RP3 (700)	R22	F	60	375-27607-000	150	5/8"	75 - 85	55 - 65
YCAS0360	201.18-RP4 (700)	R22	F	60	375-29879-000	150	5/8"	75 - 85	75 - 85
YCAS0400, 440	201.18-RP4 (700)	R22	F	60	375-29614-000	150	5/8"	75 - 85	75 - 85
YCAS0090 - 0120	201.18-RP5 (900)	R22	F	60	375-32154-000	300	5/8"	50 - 60	50 - 60
YCAS0130 - 140	201.18-RP1 (900)	R22	F	60	375-30085-000	300	5/8"	50 - 60	50 - 60
YCAS0150 - 230	201.18-RP1 (900)	R22	F	60	375-30082-000	300	5/8"	50 - 60	50 - 60
YCAS0250, 270	201.18-RP3 (700)	R22	F	60	375-31641-000	300	5/8"	75 - 85	75 - 85
YCAS0300, 330	201.18-RP3 (700)	R22	F	60	375-31640-000	300	5/8"	75 - 85	75 - 85
YCAS0360	201.18-RP4 (700)	R22	F	60	375-31643-000	300	5/8"	75 - 85	75 - 85
YCAS0400, 440	201.18-RP4 (700)	R22	F	60	375-31642-000	300	5/8"	75 - 85	75 - 85
YCAS0218, 248, 268	201.18-RP13 (202)	R407	F	60	375-36004-000	150	5/8"	75 - 85	75 - 85
YCAS0288, 308, 328	201.18-RP13 (202)	R407	F	60	375-44228-000	150	5/8"	75 - 85	75 - 85
YCAS0358, 398, 418	201.18-RP14 (202)	R407	F	60	375-45153-000	150	5/8"	75 - 85	75 - 85
YCAS0218, 248, 268	201.18-RP13 (202)	R407	F	60	375-36004-000	300	5/8"	75 - 85	75 - 85
YCAS0288, 308, 328	201.18-RP13 (202)	R407	F	60	375-35775-000	300	5/8"	75 - 85	75 - 85
YCAS0358, 398, 418	201.18-RP14 (202)	R407	F	60	375-45154-000	300	5/8"	75 - 85	75 - 85
YCAS0130 - 140	201.19-RP1 (304)	R22	G	60	375-48131-000	150	1/2"	50 - 60	N/A
YCAS0150 - 180	201.19-RP1 (304)	R22	G	60	375-47983-000	150	1/2"	50 - 60	N/A
YCAS0200 - 230	201.19-RP1 (304)	R22	G	60	375-49907-000	150	1/2"	50 - 60	N/A
YCAS0250, 270	201.19-RP3 (404)	R22	G	60	375-47531-000	150	5/8"	75 - 85	105 - 115
YCAS0300	201.19-RP3 (404)	R22	G	60	375-47532-000	150	5/8"	75 - 85	105 - 115
YCAS0360	201.19-RP3 (404)	R22	G	60	375-47507-000	150	5/8"	75 - 85	75 - 85
YCAS0400 - 440	201.19-RP3 (404)	R22	G	60	375-47509-000	150	5/8"	75 - 85	75 - 85
YCAS0130 - 140	201.19-RP3 (404)	R22	G	60	375-40491-000	300	5/8"	75 - 85	75 - 85
YCAS0150 - 230	201.19-RP3 (404)	R22	G	60	375-41469-000	300	5/8"	75 - 85	75 - 85
YCAS0250 - 270	201.19-RP3 (404)	R22	G	60	375-47533-000	300	5/8"	75 - 85	75 - 85
YCAS0300	201.19-RP3 (404)	R22	G	60	375-47534-000	300	5/8"	75 - 85	75 - 85
YCAS0360	201.19-RP3 (404)	R22	G	60	375-47511-000	300	5/8"	75 - 85	75 - 85
YCAS0400 - 440	201.19-RP3 (404)	R22	G	60	375-47513-000	300	5/8"	75 - 85	75 - 85
YCAS0283 - 343	201.18-RP6 (900)	22/407	F	50	375-32153-000	150	5/8"	50 - 60	50 - 60
YCAS0283 - 343	201.18-RP6 (900)	22/407	F	50	375-32154-000	300	5/8"	50 - 60	50 - 60
YCAS0373 - 503	201.18-RP2 (701)	R22	F	50	375-40490-000	150	5/8"	75 - 85	75 - 85
YCAS0543 - 653	201.18-RP2 (701)	R22	F	50	375-40494-000	150	5/8"	75 - 85	76 - 85
YCAS0693 - 953	201.18-RP8 (700)	R22	F	50	375-29892-000	150	5/8"	75 - 85	55 - 65
YCAS0373 - 503	201.18-RP2 (701)	R22	F	50	375-30085-000	300	5/8"	50 - 60	50 - 60
YCAS0543 - 653	201.18-RP2 (701)	R22	F	50	375-30082-000	300	5/8"	50 - 60	50 - 60
YCAS0693 - 953	201.18-RP8 (700)	R22	F	50	375-31641-000	300	5/8"	75 - 85	75 - 85
YCAS0360	201.18-RP4 (700)	R22	F	60	375-29879-000	150	5/8"	75 - 85	75 - 85
YCAS0400, 440	201.18-RP4 (700)	R22	F	60	375-29614-000	150	5/8"	75 - 85	75 - 85
YCAS0360	201.18-RP4 (700)	R22	F	60	375-31643-000	300	5/8"	75 - 85	75 - 85

SCREW PRODUCT EVAPORATOR HEAD TORQUE REQUIREMENTS - SMALL TONNAGE CHILLERS - COMMERCIAL PRODUCTS

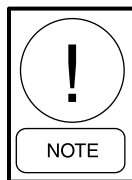
CHILLER MODEL/SIZE	REPLACEMENT PART FORM NUMBER	REFR.	CHILLER DESIGN	HZ	COOLER PN (LESS INSULATION)	PSI DESIGN	PERIM. BOLT DIA	TORQUE FT LBS MIN - MAX (PERIMETER)	TORQUE FT LBS MIN - MAX (CENTER)
YCAS0400, 440	201.18-RP4 (700)	R22	F	60	375-31642-000	300	5/8"	75 - 85	75 - 85
YCAS0288, 308, 328	201.19-RP7 (405)	R407	G	60	375-47515-000	150	5/8"	75 - 85	105 - 115
YCAS0358, 398, 418	201.19-RP7 (405)	R407	G	60	375-47115-000	150	5/8"	75 - 85	105 - 115
YCAS0218, 248, 268	201.19-RP7 (405)	R407	G	60	375-47189-000	150	5/8"	75 - 85	105 - 115
YCAS0288, 308, 328	201.19-RP7 (405)	R407	G	60	375-50064-000	300	5/8"	75 - 85	105 - 115
YCAS0358, 398, 418	201.19-RP7 (405)	R407	G	60	375-47171-000	300	5/8"	75 - 85	75 - 85
YCAS0295 - 375	201.19-RP6 (105)	22/407	G	50	375-44237-000	150	1/2"	55 - 65	N/A
YCAS0425 - 605	201.19-RP6 (105)	22/407	G	50	375-44293-000	150	5/8"	75 - 85	75 - 85
YCAS0295 - 375	201.19-RP6 (105)	22/407	G	50	375-52432-000	300	1/2"	55 - 65	N/A
YCAS0425 - 605	201.19-RP6 (105)	22/407	G	50	375-41439-000	300	5/8"	50 - 60	50 - 60
YCAS0373 - 503	201.19-RP2 (204)	22/407	G	50	375-48131-000	150	1/2"	50 - 60	N/A
YCAS0543 - 623	201.19-RP2 (204)	22/407	G	50	375-47983-000	150	1/2"	50 - 60	N/A
YCAS0653	201.19-RP2 (204)	22/407	G	50	375-49907-000	150	1/2"	50 - 60	N/A
YCAS0685	201.19-RP8 (505)	22/407	G	50	375-47189-000	150	5/8"	75 - 85	105 - 115
YCAS0775, 835	201.19-RP8 (505)	22/407	G	50	375-47515-000	150	5/8"	75 - 85	105 - 115
YCAS0905, 965	201.19-RP8 (505)	22/407	G	50	375-47515-000	150	5/8"	75 - 85	105 - 115
YCAS1065, 1135 - 1215	201.19-RP8 (505)	22/407	G	50	375-47115-000	150	5/8"	75 - 85	75 - 85
YCAS0373, 503	201.19-RP2 (204)	22/407	G	50	375-40491-000	300	5/8"	75 - 85	75 - 85
YCAS0543 - 653	201.19-RP2 (204)	22/407	G	50	375-41469-000	300	5/8"	75 - 85	75 - 85
YCAS0685		22/407	G	50					
YCAS0775, 835	201.19-RP8 (505)	22/407	G	50	375-50064-000	300	5/8"	75 - 85	105 - 115
YCAS0905, 965	201.19-RP8 (505)	22/407	G	50	375-50064-000	300	5/8"	75 - 85	105 - 115
YCAS1065, 1135, 1215	201.19-RP8 (505)	22/407	G	50	375-47171-000	300	5/8"	75 - 85	75 - 85
YCAS0693 - 953	201.19-RP4 (504)	22/407	G	50	375-47531-000	150	5/8"	75 - 85	105 - 115
YCAS1063 - 1263	201.19-RP4 (504)	22/407	G	50	375-47507-000	150	5/8"	75 - 85	75 - 85
YCAS0693 - 953	201.19-RP4 (504)	22/407	G	50	375-47533-000	300	5/8"	75 - 85	105 - 115
YCAS1063 - 1263	201.19-RP4 (504)	22/407	G	50	375-47511-000	300	5/8"	75 - 85	75 - 85

Note: For Chillers not listed or incomplete, please contact Product Technical Support for torque information



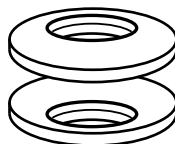
Apply a thin (0.10"-0.015") uniform coat of 3M Scotch Grip #1357 adhesive to the head surface only and allow to tack prior to mating gasket.

SCREW PRODUCT EVAPORATOR HEAD TORQUE REQUIREMENTS - SMALL TONNAGE CHILLERS - COMMERCIAL PRODUCTS									
CHILLER MODEL/SIZE	REPLACEMENT PART FORM NUMBER	REFR	CHILLER DESIGN	HZ	COOLER PN (LESS INSULATION)	PSI DESIGN	PERIM. BOLT DIA	TORQUE FT LBS MIN - MAX (PERIMETER)	TORQUE FT LBS MIN - MAX (CENTER)
YCAS0098 - 138	201.18-RP15 (202)	R407	F	60	375-44237-000	150	1/2"	55 - 65	N/A
YCAS0148 - 208	201.18-RP15 (202)	R407	F	60	375-44293-000	150	5/8"	75 - 85	75 - 85
YCAS0098, 118, 138	201.19-RP5 (1204)	22/407	G	60	375-44237-000	150	1/2"	55 - 65	N/A
YCAS0128 - 208	201.19-RP5 (1204)	22/407	G	60	375-44293-000	150	5/8"	75 - 85	75 - 85
YCAS0218, 248, 268	201.19-RP7 (405)	22/407	G	60	375-47189-000	150	5/8"	75 - 85	105 - 115
YCAS0288, 308, 328	201.19-RP7 (405)	22/407	G	60	375-47515-000	150	5/8"	75 - 85	105 - 115
YCAS0358, 398, 418	201.19-RP7 (405)	22/407	G	60	375-47115-000	150	5/8"	75 - 85	75 - 85
YCAS0098, 118, 138	201.19-RP5 (1204)	22/407	G	60	375-52432-000	300	1/2"	55 - 65	N/A
YCAS0128 - 208	201.19-RP5 (1204)	22/407	G	60	375-41439-000	300	5/8"	50 - 60	50 - 60
YCAS0218, 248, 268	201.19-RP7 (405)	22/407	G	60		300			
YCAS0288, 308, 328	201.19-RP7 (405)	22/407	G	60	375-50064-000	300	5/8"	75 - 85	105 - 115
YCAS0358, 398, 418	201.19-RP7 (405)	22/407	G	60	375-47171-000	300	5/8"	75 - 85	75 - 85
YCAS "D" SERIES (XHS SCREWS)									
YCAS160 (60" INSUL CIRCUM)	201.10-RP1 (997)	R22	D	60	375-17511-000	150	1/2"	50 - 60	50 - 60
YCAS140 (65" INSUL CIRCUM)	201.10-RP1 (997)	R22	D	60	375-17513-000	150	1/2"	50 - 60	50 - 60
YCAS170 THRU 266X	201.10-RP1 (997)	R22	D	60	375-17517-000	150	1/2"	50 - 60	50 - 60
YCAS140 (65" INSUL CIRCUM)	201.10-RP1 (997)	R22	D	60	375-21139-000	300	1/2"	50 - 60	50 - 60
YCAS170 THRU 266X	201.10-RP1 (997)	R22	D	60	375-21143-000	300	1/2"	50 - 60	50 - 60
YCAS310 THRU 380	201.10-RP3 (198)	22/134	D	60	375-26052-000	150	1/2"	50 - 60	50 - 60
YCAS310 THRU 380	201.10-RP3 (198)	22/134	D	60	375-26072-000	300	1/2"	50 - 60	50 - 60
YCAS410 THRU 490	201.10-RP3 (198)	22/134	D	60	375-17517-000	150	1/2"	50 - 60	50 - 60
YCAS410 THRU 490	201.10-RP3 (198)	22/134	D	60	375-21143-000	300	1/2"	50 - 60	50 - 60
YCWS WATER-COOLED SCREW									
YCWS0100 - 140	201.24-RP1 (1102)	22/407	A & B	60	375-44050-000	150	5/8"	50 - 60	50 - 60
YCWS0180, 200	201.24-RP1 (1102)	22/407	A & B	60	375-44051-000	150	5/8"	50 - 60	50 - 60
YCWS0220, 240	201.24-RP1 (1102)	22/407	A & B	60	375-44052-000	150	5/8"	50 - 60	50 - 60
YCRS WATER-COOLED SCREW									
YCRS0100 - 140	201.24-RP1 (1102)	22/407	A & B	60	375-44050-000	150	5/8"	50 - 60	50 - 60
YCRS0180, 200	201.24-RP1 (1102)	22/407	A & B	60	375-44051-000	150	5/8"	50 - 60	50 - 60
YCRS0220, 240	201.24-RP1 (1102)	22/407	A & B	60	375-44052-000	150	5/8"	50 - 60	50 - 60
Note: For chillers not listed or incomplete, please contact product technical support for torque information									



Belleville Washers are required – Verify you have the required quantity of "new" Belleville Washers available and correctly in place, prior to installing nuts. Use (2) washers per stud, stacked in series as follows.

Where evaporator studs will NOT accommodate Belleville washers, or Belleville washers are NOT included, it will be necessary to re-check the torque values after 2 weeks and again at 4 weeks as a minimum. If the torque values did NOT change through the 1 month review, revisit the review monthly up to 3 months.

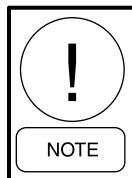


NOTE:
Concave sides of washers face the other washer.

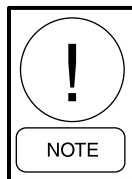
SCREW PRODUCT EVAPORATOR HEAD TORQUE REQUIREMENTS - SMALL TONNAGE CHILLERS - COMMERCIAL PRODUCTS									
CHILLER MODEL/SIZE	REPLACEMENT PART FORM NUMBER	REFR.	CHILLER DESIGN	HZ	COOLER PN (LESS INSULATION)	PSI DESIGN	PERIM. BOLT DIA	TORQUE FT LBS MIN - MAX (PERIMETER)	TORQUE FT LBS MIN - MAX (CENTER)
YCAV0157 'S&P' ²	201.21-RP1 (808)	R134	A	60	375-67300-000	150	5/8"	75 - 85	N/A
YCAV0157 'S&P' ²	201.21-RP1 (808)	R134	A	60	375-67316-000	300	5/8"	75 - 85	N/A
YCAV0157 - 187 'E&V' ²	201.21-RP1 (808)	R134	A	60	375-65096-000	150	5/8"	75 - 85	N/A
YCAV0157 - 187 'E&V' ²	201.21-RP1 (808)	R134	A	60	375-67312-000	300	5/8"	75 - 85	N/A
YCAV0177, 187 'S&P' ²	201.21-RP1 (808)	R134	A	60	375-65096-000	150	5/8"	75 - 85	N/A
YCAV0177, 187 'S&P' ²	201.21-RP1 (808)	R134	A	60	375-67312-000	300	5/8"	75 - 85	N/A
YCAV0197 - 227 'E&V' ²	201.21-RP1 (808)	R134	A	60	375-67320-000	300	5/8"	75 - 85	N/A
YCAV0197 - 227 'E&V' ²	201.21-RP1 (808)	R134	A	60	375-67304-000	150	5/8"	75 - 85	N/A
YCAV0207 - 267 'S&P' ²	201.21-RP1 (808)	R134	A	60	375-65091-000	150	5/8"	75 - 85	N/A
YCAV0207 - 267 'S&P' ²	201.21-RP1 (808)	R134	A	60	375-67308-000	300	5/8"	75 - 85	N/A
YCAV0247 'E&V' ²	201.21-RP1 (808)	R134	A	60	375-65091-000	150	5/8"	75 - 85	N/A
YCAV0247 'E&V' ²	201.21-RP1 (808)	R134	A	60	375-67308-000	300	5/8"	75 - 85	N/A
YCAV0267, 287 'E&V' ²	201.21-RP3 (606)	R134	A	60	375-59380-000	150	1/2"	75 - 85	N/A
YCAV0267, 287 'E&V' ²	201.21-RP3 (108)	R134	A	60	375-71075-000	150	1/2"	75 - 85	N/A
YCAV0287 'S&P' ²	201.21-RP3 (606)	R134	A	60	375-59380-000	150	1/2"	75 - 85	N/A
YCAV0287 'S&P' ²	201.21-RP3 (108)	R134	A	60	375-71075-000	150	1/2"	75 - 85	N/A
YCAV0307 - 397 'S&P' ²	201.21-RP3 (606)	R134	A	60	375-60824-000	150	5/8"	75 - 85	N/A
YCAV307, 357, 397 'S&P' ²	201.21-RP3 (108)	R134	A	60	375-76019-000	150	5/8"	75 - 85	N/A
YCAV0327, 357 'E&V' ²	201.21-RP3 (606)	R134	A	60	375-60824-000	150	5/8"	75 - 85	N/A
YCAV327, 357 'E&V' ²	201.21-RP3 (108)	R134	A	60	375-76019-000	150	5/8"	75 - 85	N/A
YCAV0397 'E&V' ²	201.21-RP3 (606)	R134	A	60	375-60901-000	150	5/8"	75 - 85	N/A
YCAV0397, 'E&V' ²	201.21-RP3 (108)	R134	A	60	375-76034-000	150	5/8"	75 - 85	N/A
YCAV0417, 'S&P' ²	201.21-RP3 (108)	R134	A	60	375-76034-000	150	5/8"	75 - 85	N/A
YCAV0417, 457 'S&P' ²	201.21-RP3 (606)	R134	A	60	375-60901-000	150	5/8"	75 - 85	N/A
YCAV0417, 477 'E&V' ²	201.21-RP3 (606)	R134	A	60	375-58638-000	150	5/8"	75 - 85	N/A
YCAV0417, 477 'E&V' ²	201.21-RP3 (108)	R134	A	60	375-76028-000	150	5/8"	75 - 85	N/A
YCAV0477, 507 'S&P' ²	201.21-RP3 (606)	R134	A	60	375-58638-000	150	5/8"	75 - 85	N/A
YCAV0477, 507 'S&P' ²	201.21-RP3 (108)	R134	A	60	375-76028-000	150	5/8"	75 - 85	N/A
YCAV0569	201.21-RP2 (605)	R134	A	50	375-54510-000	150	5/8"	75 - 85	N/A
YCAV0569	201.21-RP2 (605)	R134	A	50	375-58448-000	300	5/8"	75 - 85	N/A
YCAV0639 - 679	201.21-RP2 (605)	R134	A	50	375-54481-000	150	5/8"	75 - 85	N/A
YCAV0639 - 679	201.21-RP2 (605)	R134	A	50	375-58447-000	300	5/8"	75 - 85	N/A
YCAV0719	201.21-RP2 (605)	R134	A	50	375-53784-000	150	5/8"	75 - 85	N/A
YCAV0719	201.21-RP2 (605)	R134	A	50	375-58446-000	300	5/8"	75 - 85	N/A
YCAV0739 - 969	201.21-RP2 (605)	R134	A	50	375-54104-000	150	5/8"	75 - 85	N/A
YCAV0739 - 969	201.21-RP2 (605)	R134	A	50	375-58445-000	300	5/8"	75 - 85	N/A
YCAV0969 'E&V' ²	201.21-RP3 (108)	R134	A	50	375-59380-000	150	1/2"	75 - 85	N/A
YCAV0969, 1039 'E&V' ²	201.21-RP3 (108)	R134	A	50	375-71075-000	150	1/2"	75 - 85	N/A
YCAV1039 'S&P' ²	201.21-RP3 (108)	R134	A	50	375-59380-000	150	1/2"	75 - 85	N/A
YCAV1039 'S&P' ²	201.21-RP3 (108)	R134	A	50	375-71075-000	150	1/2"	75 - 85	N/A
YCAV1039 'E&V' ²	201.21-RP3 (108)	R134	A	50	375-59380-000	150	5/8"	75 - 85	N/A
YCAV1139 'S&P' ²	201.21-RP3 (108)	R134	A	50	375-60824-000	150	5/8"	75 - 85	N/A
YCAV1139, 1309, 1429 'S&P' ²	201.21-RP3 (108)	R134	A	50	375-76019-000	150	5/8"	75 - 85	N/A
YCAV1169 'E&V' ²	201.21-RP3 (108)	R134	A	50	375-60824-000	150	5/8"	75 - 85	N/A

SCREW PRODUCT EVAPORATOR HEAD TORQUE REQUIREMENTS - SMALL TONNAGE CHILLERS - COMMERCIAL PRODUCTS									
CHILLER MODEL/SIZE	REPLACEMENT PART FORM NUMBER	REFR.	CHILLER DESIGN	HZ	COOLER PN (LESS INSULATION)	PSI DESIGN	PERIM. BOLT DIA	TORQUE FT LBS MIN - MAX (PERIMETER)	TORQUE FT LBS MIN - MAX (CENTER)
YCAV1169, 1309 'E&V' ²	201.21-RP3 (108)	R134	A	50	375-76019-000	150	5/8"	75 - 85	N/A
YCAV1309 'S&P' ²	201.21-RP3 (108)	R134	A	50	375-60824-000	150	5/8"	75 - 85	N/A
YCAV1309 'E&V' ²	201.21-RP3 (108)	R134	A	50	375-60824-000	150	5/8"	75 - 85	N/A
YCAV1429 'S&P' ²	201.21-RP3 (108)	R134	A	50	375-60824-000	150	5/8"	75 - 85	N/A
YCAV1429 'E&V' ²	201.21-RP3 (108)	R134	A	50	375-60901-000	150	5/8"	75 - 85	N/A
YCAV1429 'E&V' ²	201.21-RP3 (108)	R134	A	50	375-76034-000	150	5/8"	75 - 85	N/A
YCAV1549 'S&P' ²	201.21-RP3 (108)	R134	A	50	375-60901-000	150	5/8"	75 - 85	N/A
YCAV1549 'E&V' ²	201.21-RP3 (108)	R134	A	50	375-58638-000	150	5/8"	75 - 85	N/A
YCAV1549, 1649, 'S&P' ²	201.21-RP3 (108)	R134	A	50	375-76034-000	150	5/8"	75 - 85	N/A
YCAV1549, 1739 'E&V' ²	201.21-RP3 (108)	R134	A	50	375-76028-000	150	5/8"	75 - 85	N/A
YCAV1649 'S&P' ²	201.21-RP3 (108)	R134	A	50	375-60901-000	150	5/8"	75 - 85	N/A
YCAV1739 'E&V' ²	201.21-RP3 (108)	R134	A	50	375-58638-000	150	5/8"	75 - 85	N/A
YCAV1739, 1829, 1909 'S&P' ²	201.21-RP3 (108)	R134	A	50	375-76028-000	150	5/8"	75 - 85	N/A
YCAV1829 'S&P' ²	201.21-RP3 (108)	R134	A	50	375-58638-000	150	5/8"	75 - 85	N/A
YCAV1909 'S&P' ²	201.21-RP3 (108)	R134	A	50	375-58638-000	150	5/8"	75 - 85	N/A

² Specific designators S, P, E & V are listed on Pin #9 of the model number nomenclature (i.e. Example: YCAV0207E)
Note: For chillers not listed or incomplete, please contact YORK Product Technical Support for torque information

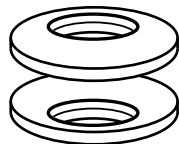


Contact YORK Technical Support on older 3 & 4 Compressor YCAV Chillers having individual "Bulb & Channel" replacement gaskets for direction on installing flat gaskets.



Belleville Washers are required – Verify you have the required quantity of "new" Belleville Washers available and correctly in place, prior to installing nuts. Use (2) washers per stud, stacked in series as follows.

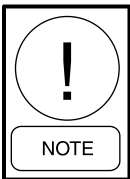
Where evaporator studs will NOT accommodate Belleville washers, or Belleville washers are NOT included, it will be necessary to re-check the torque values after 2 weeks and again at 4 weeks as a minimum. If the torque values did NOT change through the 1 month review, revisit the review monthly up to 3 months.



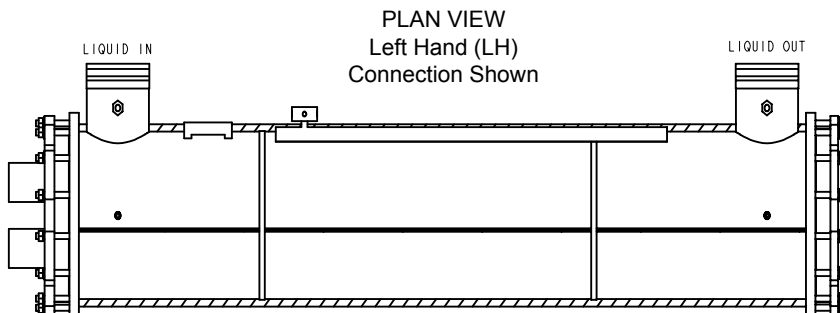
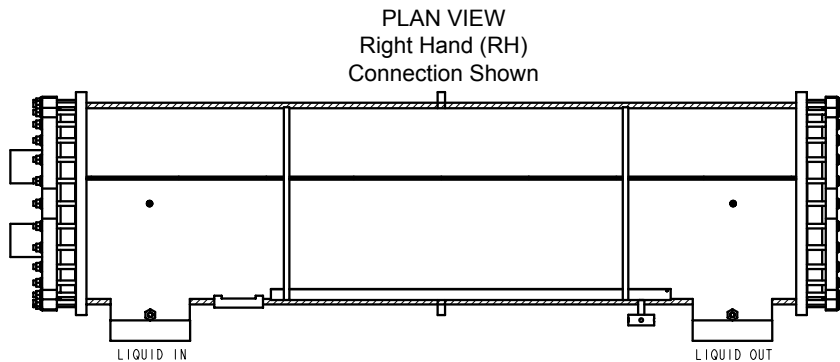
NOTE:
Concave sides of washers face the other washer.

SCREW PRODUCT EVAPORATOR HEAD TORQUE REQUIREMENTS - SMALL TONNAGE CHILLERS - COMMERCIAL PRODUCTS									
CHILLER MODEL/SIZE	REPLACEMENT PART FORM NUMBER	REFR.	CHILLER DESIGN	HZ	COOLER PN (LESS INSULATION)	PSI DESIGN	PERIM. BOLT DIA	TORQUE FT LBS MIN - MAX (PERIMETER)	TORQUE FT LBS MIN - MAX (CENTER)
YCIV0157 'S&P' ²	201.23-RP2 (208)	R134	A	60	375-67011-000	150	5/8"	75 - 85	N/A
YCIV0157 - 187 'E&V' ²	201.23-RP2 (208)	R134	A	60	375-67007-000	150	5/8"	75 - 85	N/A
YCIV0177, 187 'S&P' ²	201.23-RP2 (208)	R134	A	60	375-67007-000	150	5/8"	75 - 85	N/A
YCIV0197 - 227 'E&V' ²	201.23-RP2 (208)	R134	A	60	375-67009-000	150	5/8"	75 - 85	N/A
YCIV0207 - 267 'S&P' ²	201.23-RP2 (208)	R134	A	60	375-67005-000	150	5/8"	75 - 85	N/A
YCIV0247 'E&V' ²	201.23-RP2 (208)	R134	A	60	375-67005-000	150	5/8"	75 - 85	N/A
YCIV0267, 287 'E' ²	201.23-RP3 (209)	R134	A	60	375-70668-000	150	1/2"	75 - 85	N/A
YCIV307, 327, 357 'E' ²	201.23-RP3 (209)	R134	A	60	375-76080-000	150	5/8"	75 - 85	N/A
YCIV0590, 630, 700 'E&V' ²	201.23-RP1 (109)	R134	A	50/60	375-67007-000	150	5/8"	75 - 85	N/A
YCIV0600 'S&P' ²	201.23-RP1 (109)	R134	A	50/60	375-67011-000	150	5/8"	75 - 85	N/A
YCIV0650 - 720 'S&P' ²	201.23-RP1 (109)	R134	A	50/60	375-67007-000	150	5/8"	75 - 85	N/A
YCIV0760, 800, 830 'E&V' ²	201.23-RP1 (109)	R134	A	50/60	375-67009-000	150	5/8"	75 - 85	N/A
YCIV0770, 840, 920, 1000 'S&P' ²	201.23-RP1 (109)	R134	A	50/60	375-67005-000	150	5/8"	75 - 85	N/A
YCIV0930 'E&V' ²	201.23-RP1 (109)	R134	A	50/60	375-67005-000	150	5/8"	75 - 85	N/A
YCIV1050, 1070, 1120 'E' ²	201.23-RP3 (209)	R134	A	50	375-70668-000	150	1/2"	75 - 85	N/A
YCIV1180, 1220, 1340, 1380, 1500 'E' ²	201.23-RP3 (209)	R134	A	50	375-76080-000	150	5/8"	75 - 85	N/A

² Specific designators S, P, E & V are listed on Pin #9 of the Model Number Nomenclature (I.e. Example: YCAV0207E)
 Note: For Chillers not listed or incomplete, please contact Product Technical Support for torque information



Contact YORK Technical Support on older 3 & 4 Compressor YCIV Chillers having individual "Bulb & Channel" replacement gaskets for direction on installing flat gaskets.



LD14080

RECIP PRODUCT EVAPORATOR HEAD TORQUE REQUIREMENTS - SMALL TONNAGE CHILLERS - COMMERCIAL PRODUCTS									
CHILLER MODEL/SIZE	REPLACEMENT PART FORM NUMBER	REFR.	CHILLER DESIGN	HZ	COOLER PN (LESS INSULATION)	PSI DESIGN	PERIM. BOLT DIA	TORQUE FT LBS MIN - MAX (PERIMETER)	TORQUE FT LBS MIN - MAX (CENTER)
YCA WITH ROTARY DIAL									
YCA02 & YCA03	150.44-RP1 (388)	R22	A	60/50	366-94041-000	150	1/2"		
YCAW02 & YCAV03	150.44-RP1 (388)	R22	A	60/50	366-93955-000	150	1/2"		
YCAW08 & YCAV09	150.44-RP1 (388)	R22	A	60/50	366-93955-000	150	1/2"		
YCAS08 & YCAT09	150.44-RP1 (388)	R22	A	60/50	366-94328-000	150	1/2"		
YCAZ WITH ROTARY DIAL									
YCAZ33JD3 / YCAZ33JD2	150.44-RP2 (790)	R22	A	60	375-00494-000	150	1/2"	80 - 88	N/A
YCAZ44LD3 / YCAZ44JD2	150.44-RP2 (790)	R22	A	60	375-00472-000	150	1/2"		
YCAZ47LE3 / YCAZ47LD2	150.44-RP2 (790)	R22	A	60	375-00472-000	150	1/2"		
YCAZ77LE3 / YCAZ77LE2	150.44-RP2 (790)	R22	A	60	375-00472-000	150	1/2"		
YCAZ88ME3 / YCAZ88ME2	150.44-RP2 (790)	R22	A	60	375-01546-000				
YCAZ WITH KEYPAD									
YCAZ33JD3 / YCAZ33JD2	150.44-RP3 (994)	R22	C	60/50	375-00494-000	150	1/2"	50 - 60	N/A
YCAZ44JD2	150.44-RP3 (994)	R22	C	50	375-00494-000	150	1/2"	50 - 60	N/A
YCAZ44LD3	150.44-RP3 (994)	R22	C	60	375-00472-000				
YCAZ74LE3 / YCAZ74LD2	150.44-RP3 (994)	R22	C	60/50	375-00472-000				
YCAZ77LE3 / YCAZ77LE2	150.44-RP3 (994)	R22	C	60/50	375-00472-000				
YCAZ88ME3 / YCAZ88ME2	150.44-RP3 (994)	R22	C	60/50	375-01546-000				
YCAZ WITH KEYPAD									
YCAZ33BA3	150.44-RP4 (395)	R22	A	60	375-17503-000	150	1/2"	50 - 60	N/A
YCAZ44BA3	150.44-RP4 (395)	R22	A	60	375-17503-000	150	1/2"	50 - 60	N/A
YCAZ74BB3	150.44-RP4 (395)	R22	A	60	375-17503-000	150	1/2"	50 - 60	N/A
YCAZ77CB3	150.44-RP4 (395)	R22	A	60	375-17505-000	150	1/2"	50 - 60	N/A
YCAZ88DB3	150.44-RP4 (395)	R22	A	60	375-17505-000	150	1/2"	50 - 60	N/A
YCR REMOTE CONDENSER									
YCRJ777	150.70-RP2 (496)	R22	A	60	375-17519-000	150	1/2"	50 - 60	50 - 60
YCRJ999	150.70-RP2 (496)	R22	A	60	375-17521-000	150	1/2"	50 - 60	50 - 60
YCAR RECIP MODELS: AIR COOLED									
YCAR0100 - 150	150.52-RP1 (701)	R22	A	60	375-32153-000	150	5/8"	50 - 60	50 - 60
YCAR0170 - 230	150.52-RP1 (701)	R22	A	60	375-32155-000	150	5/8"	75 - 85	75 - 85
YCAR0100 - 150	150.52-RP1 (701)	R22	A	60	375-32154-000	300	5/8"	50 - 60	50 - 60
YCAR0170 - 230	150.52-RP1 (701)	R22	A	60	375-35112-000	300	5/8"	75 - 85	75 - 85
YCAR0315 - 435	150.52-RP2 (701)	R22	A	50	375-32153-000	150	5/8"	50 - 60	50 - 60
YCAR0485 - 685	150.52-RP2 (701)	R22	A	50	375-32155-000	150	5/8"	75 - 85	75 - 85
YCAR0315 - 435	150.52-RP2 (701)	R22	A	50	375-32154-000	300	5/8"	50 - 60	50 - 60
YCAR0485 - 685	150.52-RP2 (701)	R22	A	50	375-35112-000	300	5/8"	75 - 85	75 - 85
YCAJ110 - 130 (150 LB)	150.60-RP5 (1198)	R22	A	60	375-17511-000	150	1/2"	50 - 60	50 - 60
YCAJ110 - 130 (300 LB)	150.52-RP5 (1198)	R22	A	60	375-21137-000	300	1/2"	50 - 60	50 - 60
YCAJ150, 160	150.65-RP4 (1198)	R22	A	60	375-17511-000	150	1/2"	50 - 60	50 - 60
Note: For chillers not listed or incomplete, please contact product technical support for torque information									

RECIP PRODUCT EVAPORATOR HEAD TORQUE REQUIREMENTS - SMALL TONNAGE CHILLERS - COMMERCIAL PRODUCTS									
CHILLER MODEL/SIZE	REPLACEMENT PART FORM NUMBER	REFR.	CHILLER DESIGN	HZ	COOLER PN (LESS INSULATION)	PSI DESIGN	PERIM. BOLT DIA	TORQUE FT LBS MIN - MA (PERIMETER)	TORQUE FT LBS MIN - MAX (CENTER)
YCAJ180, 190	150.65-RP4 (1198)	R22	A	60	375-17513-000	150	1/2"	50 - 60	50 - 60
YCAJ200-230	150.65-RP4 (1198)	R22	A	60	375-17517-000	150	1/2"	50 - 60	50 - 60
YCAJ150, 160	150.65-RP4 (1198)	R22	A	60	375-21137-000	300	1/2"	50 - 60	50 - 60
YCAJ180, 190	150.65-RP4 (1198)	R22	A	60	375-21139-000	300	1/2"	50 - 60	50 - 60
YCAJ200-230	150.65-RP4 (1198)	R22	A	60	375-21143-000	300	1/2"	50 - 60	50 - 60
YCAJ44HE8	150.60-RP3 (495)	R22	A	60	375-17511-000	150	1/2"	50 - 60	50 - 60
YCAJ54HE8	150.60-RP3 (495)	R22	A	60	375-17511-000	150	1/2"	50 - 60	50 - 60
YCAJ55HE8	150.60-RP3 (495)	R22	A	60	375-17511-000	150	1/2"	50 - 60	50 - 60
YCAJ65HE8	150.60-RP3 (495)	R22	A	60	375-17511-000	150	1/2"	50 - 60	50 - 60
YCAZ88EE8	150.60-RP3 (495)	R22	A	60	375-17509-000	150	1/2"	50 - 60	N/A
YCAJ76SU6 / YCAJ77SU7	150.65-RP1 (994)	R22	A	60/50	366-93064-000	150	1/2"	80 - 88	80 - 88
YCAJ77SU6	150.65-RP1 (994)	R22	A	60/50	366-93064-000	150	1/2"	80 - 88	80 - 88
YCAJ87AU6	150.65-RP1 (994)	R22	A	60/50	375-04209-000	N/A	1/2"		
YCAJ88XU6	150.65-RP1 (994)	R22	A	60/50	375-02277-000	N/A	1/2"		
YCAJ98XV6	150.65-RP1 (994)	R22	A	60/50	375-02277-000	N/A	1/2"		
YCAJ99XW6	150.65-RP1 (994)	R22	A	60	375-02277-000	N/A	1/2"		
YCAZ & J ROTARY DIAL									
YCAZ88MR6 / YCAJ44MR7	150.60-RP1 (990)	R22	B	60/50	375-02039-000	150	1/2"	50 - 60	N/A
YCAJ44MR6 / YCAJ55MR7	150.60-RP1 (990)	R22	B	60/50	375-02039-000	150	1/2"	50 - 60	N/A
YCAJ44ST6 / YCAJ55ST7	150.60-RP1 (990)	R22	B	60/50	366-93064-000	150	1/2"	80 - 88	80 - 88
YCAJ54NS6 / YCAJ65NS7	150.60-RP1 (990)	R22	B	60/50	366-93504-000	N/A	1/2"		
YCAJ55ST8 / YCAJ66ST9	150.60-RP1 (990)	R22	B	60/50	366-93064-000	150	1/2"	80 - 88	80 - 88
YCAJ65ST8 / YCAJ76ST9	150.60-RP1 (990)	R22	B	60/50	366-93064-000	150	1/2"	80 - 88	80 - 88
YCAJ66XT8 / YCAJ77XT9	150.60-RP1 (990)	R22	B	60/50	375-02277-000	N/A	1/2"		
YCAZ & J ROTARY DIAL									
YCAZ88MR6 / YCAJ44MR7	150.60-RP2 (193)	R22	B	60/50	375-02039-000	150	1/2"	50 - 60	N/A
YCAJ44MR6 / YCAJ55MR7	150.60-RP2 (193)	R22	B	60/50	375-02039-000	150	1/2"	50 - 60	N/A
YCAJ44ST6 / YCAJ55ST7	150.60-RP2 (193)	R22	B	60/50	366-93064-000	150	1/2"	80 - 88	80 - 88
YCAJ54NS6 / YCAJ65NS7	150.60-RP2 (193)	R22	B	60/50	366-93504-000	N/A	1/2"		
YCAJ55ST8 / YCAJ66ST9	150.60-RP2 (193)	R22	B	60/50	366-93064-000	150	1/2"	80 - 88	80 - 88
YCAJ65ST8 / YCAJ76ST9	150.60-RP2 (193)	R22	B	60/50	366-93064-000	150	1/2"	80 - 88	80 - 88
YCAJ66XT8 / YCAJ77XT9	150.60-RP2 (193)	R22	B	60/50	375-02277-000	N/A	1/2"		
YCAJ99NH8	150.65-RP2 (695)	R22	A	60	375-17517-000	150	1/2"	50 - 60	50 - 60
YCAJ98NH8	150.65-RP2 (695)	R22	A	60	375-17517-000	150	1/2"	50 - 60	50 - 60
YCAJ88NH8	150.65-RP2 (695)	R22	A	60	375-17517-000	150	1/2"	50 - 60	50 - 60
YCAJ87KF6	150.65-RP2 (695)	R22	A	60	375-17513-000	150	1/2"	50 - 60	50 - 60
YCAJ77KF6	150.65-RP2 (695)	R22	A	60	375-17513-000	150	1/2"	50 - 60	50 - 60
YCAJ76HF6	150.65-RP2 (695)	R22	A	60	375-17511-000	150	1/2"	50 - 60	50 - 60
YCAJ66HF6	150.65-RP2 (695)	R22	A	60	375-17511-000	150	1/2"	50 - 60	50 - 60
YCAJ777YX6 & YCAJ777YX6	150.70-RP1 (1192)	R22	A	50/60	375-06510-000	N/A	1/2"		
YCAJ878YX6 & YCAJ878YX7	150.70-RP1 (1192)	R22	A	50/60	375-06510-000	N/A	1/2"		
YCAJ977YX7	150.70-RP1 (1192)	R22	A	50/60	375-06510-000	N/A	1/2"		
YCAJ888ZX6 & YCAJ979ZX7	150.70-RP1 (1192)	R22	A	50/60	375-05844-000	N/A	1/2"		
YCAJ999ZX6 & YCAJ999ZX7	150.70-RP1 (1192)	R22	A	50/60	375-05844-000	N/A	1/2"		

Note: For chillers not listed or incomplete, please contact YORK Product Technical Support for torque information

RECIP PRODUCT EVAPORATOR HEAD TORQUE REQUIREMENTS - SMALL TONNAGE CHILLERS - COMMERCIAL PRODUCTS									
CHILLER MODEL/SIZE	REPLACEMENT PART FORM NUMBER	REFR.	CHILLER DESIGN	HZ	COOLER PN (LESS INSULATION)	PSI DESIGN	PERIM. BOLT DIA	TORQUE FT LBS MIN - MA (PERIMETER)	TORQUE FT LBS MIN - MAX (CENTER)
YCWJ RECIP MODELS: WATER COOLED / REMOTE COND.									
YCWJ45EE / YCRJ45EO	150.24-RP27 (797)	R22	A	50/60	375-17509-000	150	1/2"	50 - 60	N/A
YCWJ55HE / YCRJ55HO	150.24-RP27 (797)	R22	A	50/60	375-17511-000	150	1/2"	50 - 60	50 - 60
YCWJ56EE / YCRJ56EO	150.24-RP27 (797)	R22	A	50/60	375-17509-000	150	1/2"	50 - 60	N/A
YCWJ56HF / YCRJ56HO	150.24-RP27 (797)	R22	A	50/60	375-17511-000	150	1/2"	50 - 60	50 - 60
YCWJ66HE / YCRJ66HO	150.24-RP27 (797)	R22	A	50/60	375-17511-000	150	1/2"	50 - 60	50 - 60
YCWJ66KH / YCRJ66KO	150.24-RP27 (797)	R22	A	50/60	375-17513-000	150	1/2"	50 - 60	50 - 60
YCWJ67HF / YCRJ67HO	150.24-RP27 (797)	R22	A	50/60	375-17511-000	150	1/2"	50 - 60	50 - 60
YCWJ67KH / YCRJ67KO	150.24-RP27 (797)	R22	A	50/60	375-17513-000	150	1/2"	50 - 60	50 - 60
YCWJ77KH / YCRJ77KO	150.24-RP27 (797)	R22	A	50/60	375-17513-000	150	1/2"	50 - 60	50 - 60
YCWJ78KH / YCRJ78KO	150.24-RP27 (797)	R22	A	50/60	375-17513-000	150	1/2"	50 - 60	50 - 60
YCWJ88KH / YCRJ88KO	150.24-RP27 (797)	R22	A	50/60	375-17513-000	150	1/2"	50 - 60	50 - 60
YCWJ88MH / YCRJ88MO	150.24-RP27 (797)	R22	A	50/60	375-17515-000	150	1/2"	50 - 60	50 - 60
YCWJ99MH / YCRJ99MO	150.24-RP27 (797)	R22	A	50/60	375-17515-000	150	1/2"	50 - 60	50 - 60
YCWJ99MJ / YCRJ99MO	150.24-RP27 (797)	R22	A	50/60	375-17515-000	150	1/2"	50 - 60	50 - 60
YCWZ RECIP MODELS: WATER COOLED / REMOTE COND.									
YCWZ33AB / YCRZ33AO	150.55-RP3 (795)	R22	A	50/60	375-17501-000	150	1/2"	50 - 60	N/A
YCWZ44AB / YCRZ44AO	150.55-RP3 (795)	R22	A	50/60	375-17501-000	150	1/2"	50 - 60	N/A
YCWZ47CC / YCRZ47CO	150.55-RP3 (795)	R22	A	50/60	375-17505-000	150	1/2"	50 - 60	N/A
YCWZ77CC / YCRZ77CO	150.55-RP3 (795)	R22	A	50/60	375-17505-000	150	1/2"	50 - 60	N/A
YCWZ88CC / YCRZ88CO	150.55-RP3 (795)	R22	A	50/60	375-17505-000	150	1/2"	50 - 60	N/A
YCWZ88HD / YCRZ88HO	150.55-RP3 (795)	R22	A	50/60	375-17511-000	150	1/2"	50 - 60	50 - 60
YCWZ89HD / YCRZ89HO	150.55-RP3 (795)	R22	A	50/60	375-17511-000	150	1/2"	50 - 60	50 - 60
YCWZ99HD / YCRZ99HO	150.55-RP3 (795)	R22	A	50/60	375-17511-000	150	1/2"	50 - 60	50 - 60
YCWZ ROTARY DIAL (PRE1990 / AFTER 1990 NOMEN.)									
YCWZ16JP / YCWZ33JJ	150.55-RP1 (690)	R22	A	50/60	375-00494-000	150	1/2"	80 - 88	N/A
YCWZ18JN / YCWZ44JK	150.55-RP1 (690)	R22	A	50/60	375-00494-000	150	1/2"	80 - 88	N/A
YCWZ22JN / YCWZ47JK	150.55-RP1 (690)	R22	A	50/60	375-00494-000	150	1/2"	80 - 88	N/A
YCWZ26JL / YCWZ77JM	150.55-RP1 (690)	R22	A	50/60	375-00494-000	150	1/2"	80 - 88	N/A
YCWZ28LL / YCWZ88LM	150.55-RP1 (690)	R22	A	50/60	375-00472-000	150	1/2"		
YCWZ28RJ / YCWZ88RP	150.55-RP1 (690)	R22	A	50/60	375-00597-000	150	1/2"		
YCRZ									
YCRZ16JO / YCRZ33JO	150.55-RP1 (690)	R22	A	50/60	375-00494-000	150	1/2"	80 - 88	N/A
YCRZ18JO / YCRZ44JO	150.55-RP1 (690)	R22	A	50/60	375-00494-000	150	1/2"	80 - 88	N/A
YCRZ22JO / YCRZ47JO	150.55-RP1 (690)	R22	A	50/60	375-00494-000	150	1/2"	80 - 88	N/A
YCRZ26JO / YCRZ77JO	150.55-RP1 (690)	R22	A	50/60	375-00494-000	150	1/2"	80 - 88	N/A
YCRZ28LO / YCRZ28LO	150.55-RP1 (690)	R22	A	50/60	375-00472-000	150	1/2"		
YCRZ28RO / YCRZ88RO	150.55-RP1 (690)	R22	A	50/60	375-00597-000	150	1/2"		
YEAJ RECIP MODELS: 50 HZ / 60 HZ									
YEAJ77PX6 / YEAJ77PX7	150.70-RP2 (496)	R22	A	50/60	375-17519-000	150	1/2"	50 - 60	50 - 60
YEAJ87PX6 / YEAJ97PX7	150.70-RP2 (496)	R22	A	50/60	375-17519-000	150	1/2"	50 - 60	50 - 60
YEAJ88RX6 / YEAJ97RX7	150.70-RP2 (496)	R22	A	50/60	375-17521-000	150	1/2"	50 - 60	50 - 60
YEAJ99RY6 / YEAJ99RX7	150.70-RP2 (496)	R22	A	50/60	375-17521-000	150	1/2"	50 - 60	50 - 60
Note: For chillers not listed or incomplete, please contact product technical support for torque information									

RECIP PRODUCT EVAPORATOR HEAD TORQUE REQUIREMENTS - SMALL TONNAGE CHILLERS - COMMERCIAL PRODUCTS									
CHILLER MODEL/SIZE	REPLACEMENT PART FORM NUMBER	REFR.	CHILLER DESIGN	HZ	COOLER PN (LESS INSULATION)	PSI DESIGN	BOLT DIA	TORQUE FT LBS MIN - MAX (PERIMETER)	TORQUE FT LBS MIN - MAX (CENTER)
YEAJ77HU7 / YEAJ76HU6	150.65-RP3 (396)	R22	A	50/60	375-17511-000	150	1/2"	50 - 60	50 - 60
YEAJ87HU7 / YEAJ77HU6	150.65-RP3 (396)	R22	A	50/60	375-17511-000	150	1/2"	50 - 60	50 - 60
YEAJ97KU7 / YEAJ87KU6	150.65-RP3 (396)	R22	A	50/60	375-17513-000	150	1/2"	50 - 60	50 - 60
YEAJ98MU7 / YEAJ88MU6	150.65-RP3 (396)	R22	A	50/60	375-17515-000	150	1/2"	50 - 60	50 - 60
YEAJ99MU7 / YEAJ98MV6	150.65-RP3 (396)	R22	A	50/60	375-17515-000	150	1/2"	50 - 60	50 - 60
YEAJ99MW9 / YEAJ99MW6	150.65-RP3 (396)	R22	A	50/60	375-17515-000	150	1/2"	50 - 60	50 - 60
YDAJ RECIP MODELS: 50 HZ / 60 HZ									
YDAJ87HU7 / NA	150.75-RP2 (696)	R22	A	50/60	375-17511-000	150	1/2"	50 - 60	50 - 60
YDAJ97KU7 / YDAJ87KU6	150.75-RP2 (696)	R22	A	50/60	375-17513-000	150	1/2"	50 - 60	50 - 60
YDAJ98MU7 / YDAJ88MU6	150.75-RP2 (696)	R22	A	50/60	375-17515-000	150	1/2"	50 - 60	50 - 60
YDAJ99MU7 / NA	150.75-RP2 (696)	R22	A	50/60	375-17515-000	150	1/2"	50 - 60	50 - 60
YDAJ99MW9 / YDAJ99MW6	150.75-RP2 (696)	R22	A	50/60	375-17515-000	150	1/2"	50 - 60	50 - 60
YDAJ RECIP MODELS: 50 HZ / 60 HZ									
YDAJ87SU7 / NA	150.75-RP1 (1192)	R22	A	50/60	366-93064-000	150	5/8"	80 - 88	80 - 88
YDAJ97AU7 / YDAJ87AU6	150.75-RP1 (1192)	R22	A	50/60	375-04209-000	150	1/2"		
YDAJ98XU7 / YDAJ88XU6	150.75-RP1 (1192)	R22	A	50/60	375-02277-000	150	1/2"		
YDAJ99XU7 / YDAJ89XW6	150.75-RP1 (1192)	R22	A	50/60	375-02277-000	150	1/2"		
YCA ROTARY DIAL (OLD NOM.)									
YCAQ10 & YCAR11	150.40-RP25 (491)	R22	D	50/60	366-93502-000	150	1/2"		
YCAM12 & YCAN13	150.40-RP25 (491)	R22	D	50/60	366-93503-000	150	1/2"		
YCAK14 & YCAL15	150.40-RP25 (491)	R22	D	50/60	366-93504-000	150	1/2"		
YCAI16 & JCAJ17	150.40-RP25 (491)	R22	D	50/60	366-93064-000	150	1/2"	80 - 88	80 - 88
YCAG18 & YCAH19	150.40-RP25 (491)	R22	D	50/60	366-93655-000	150	1/2"		
YCAJ65G18 & YCAJ66G18	150.40-RP25 (491)	R22	D	50/60	366-93655-000	150	1/2"		
LCHA20	150.40-RP1 (273)	R22	N/A	60	366-34686-000				
LCHA45	150.40-RP4 (273)	R22	N/A	60	366-36209-000				
YCHA 100 THRU 200	150.40-RP15 (585)	R22	B	50/60	366-88927-000		1/2"		
YCW & YCR ROTARY DIAL									
YCWK11 / YCWL12	150.24-RP25 (489)	R22	D	50/60	366-92910-000		1/2"		
YCRK00 / YCRL00	150.24-RP25 (489)	R22	D	50/60	366-92909-000		1/2"		
YCWM13 / YCWN14	150.24-RP25 (489)	R22	D	50/60	366-92885-000		1/2"		
YCRM00 / YCRN00	150.24-RP25 (489)	R22	D	50/60	366-92908-000		1/2"		
YCWU19 / YCWU20	150.24-RP25 (489)	R22	D	50/60	366-94820-000		1/2"		
YCRU00 / YCRV00	150.24-RP25 (489)	R22	D	50/60	366-94822-000		1/2"		
YCWQ15 / YCWR16	150.24-RP25 (489)	R22	D	50/60	366-93641-000		1/2"		
YCRQ00 / YCRR00	150.24-RP25 (489)	R22	D	50/60	366-93641-000		1/2"		
YCWS17 / YCWT18	150.24-RP25 (489)	R22	D	50/60	366-93540-000		1/2"		
YCRS00 / YCRT00	150.24-RP25 (489)	R22	D	50/60	366-94140-000		1/2"		
Note: For chillers not listed or incomplete, please contact product technical support for torque information									

RECIP PRODUCT EVAPORATOR HEAD TORQUE REQUIREMENTS - SMALL TONNAGE CHILLERS - COMMERCIAL PRODUCTS										
CHILLER MODEL/SIZE	REPLACEMENT PART FORM NUMBER	REFR.	CHILLER DESIGN	HZ	COOLER PN (LESS INSULATION)	PSI DESIGN	PERIM. BOLT DIA	TORQUE FT LBS MIN - MAX (PERIMETER)	TORQUE FT LBS MIN - MAX (CENTER)	
YCA ROTARY DIAL										
YCAQ10, YCAR11, YCHA100	150.40-RP20 (388)	R22	C	60	366-93502-000	150	1/2"			
YCAM12, YCAN13, YCHA120	150.40-RP20 (388)	R22	C	60	366-93503-000	150	1/2"			
YCAK14, YCAL15, YCHA150	150.40-RP20 (388)	R22	C	60	366-93504-000	150	1/2"			
YCAI16, JCAJ17, YCHA175	150.40-RP20 (388)	R22	C	60	366-93064-000	150	1/2"	80 - 88	80 - 88	
YCAG18, YCAH19, YCHA200	150.40-RP20 (388)	R22	C	60	366-93655-000	150	1/2"			
YCA ROTARY DIAL LCH, YCW, YCR										
LCH130W, YCWK11, YCWK12	150.24-RP2 (388)	R22	C	50/60	366-92910-000		1/2"			
LCH130A, YCRK00, YCRL00	150.24-RP2 (388)	R22	C	50/60	366-92909-000		1/2"			
LCH150W, YCWM13, YCWN14	150.24-RP2 (388)	R22	C	50/60	366-92885-000		1/2"			
LCH150A, YCRM00, YCRN00	150.24-RP2 (388)	R22	C	50/60	366-92908-000		1/2"			
LCH175W, YCWU19, YCWW20	150.24-RP2 (388)	R22	C	50/60	366-94820-000		1/2"			
LCH175A, YCRU00, YCRV00	150.24-RP2 (388)	R22	C	50/60	366-94822-000		1/2"			
LCH200W, YCWQ15, YCWR16	150.24-RP2 (388)	R22	C	50/60	366-93641-000		1/2"			
LCH200A, YCRQ00, YCRR00	150.24-RP2 (388)	R22	C	50/60	366-93641-000		1/2"			
LCH230W, YCWS17, YCWT18	150.24-RP2 (388)	R22	C	50/60	366-93540-000		1/2"			
LCH230A, YCRS00, YCRT00	150.24-RP2 (388)	R22	C	50/60	366-94140-000		1/2"			
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