

MODELS YCW K11, VCR K00, YCW M13, YCR M00, YCW U19, VCR U00, YCW Q15, YCR Q00, YCW S17, YCR S00, YCW L12, YCR L00, YCW N14, YCR N00, YCW V20, YCR V00, YCW R16, YCR R00, YCW T18 & YCR T00

STYLE C*

MODELS LCH 130W, 130A, 150W, 150A, 175W, 175A, 200W, 200A, 230W & 230A

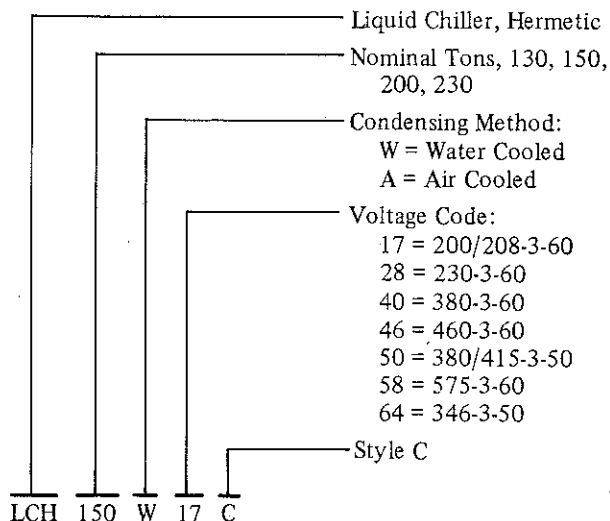
STYLE C*

(50 AND 60 HERTZ)

UNIT IDENTIFICATION

Effective May 1, 1987, YORK introduced a new method of unit identification (nomenclature). The new method of identification does not reflect any change in unit design; only a change in nomenclature. This manual is written based on the nomenclature used before May 1, 1987. However, it is also fully applicable to units built after May 1, 1987 which are identified by the later nomenclature. A description of both nomenclatures is given below. Also a cross-reference chart of models is provided for your convenience.

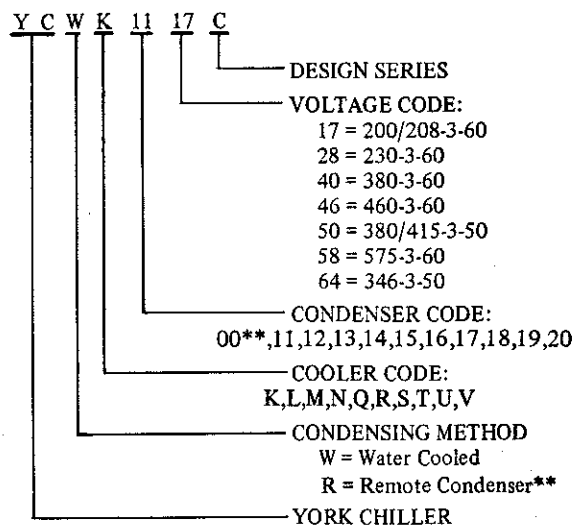
UNIT NOMENCLATURE (Before May 1, 1987)



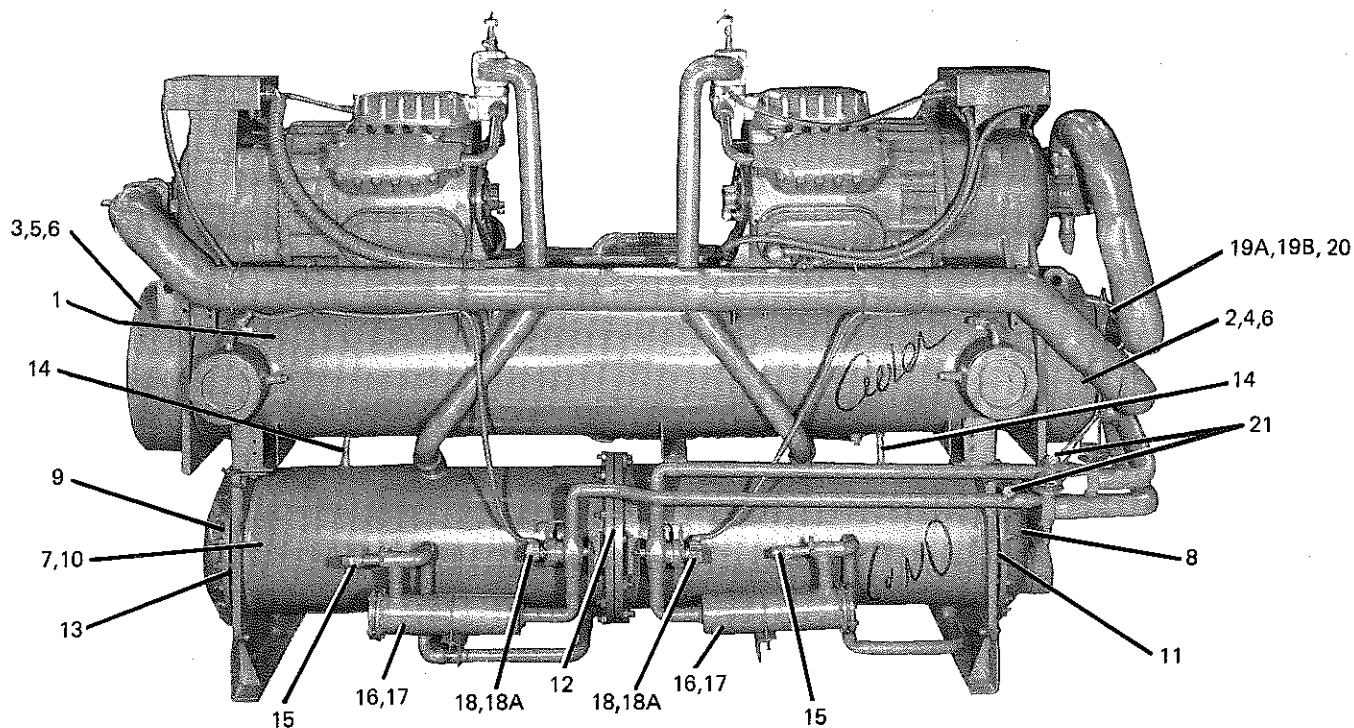
CROSS REFERENCE CHART

NOMENCLATURE	
Before May 1, 1987	Effective May 1, 1987
LCH130W	YCWK11, YCWL12
LCH130A	YCRK00, YCRL00
LCH150W	YCWM13, YCWN14
LCH150A	YCRM00, YCRN00
LCH175W	YCWU19, YCWV20
LCH175A	YCRU00, YCRV00
LCH200W	YCWQ15, YCWR16
LCH200A	YCRQ00, YCRR00
LCH230W	YCWS17, YCWT18
LCH230A	YCRS00, YCRT00

Effective May 1, 1987



**No Condenser



* ON FILE

ITEM NO.	DESCRIPTION	LCH130W YCWK11 YCW12	LCH130A YCRK00 YCR100	LCH150W YCW13 YCW14	LCH150A YCRM00 YCRN00	LCH175W YCWU19 YCWV20	LCH175A YCRU00 YCRV00	LCH200W YCWQ15 YCW16	LCH200A YCRQ00 YCRR00	LCH230W YCWS17 YCW18	LCH230A YCRS00 YCRT00
1	COOLER, NON-INSULATED	366-92910	366-92909	366-92885	366-92908	366-94820	366-94822	366-93541	366-93641	366-93540	366-94140
2	HEAD, CONNECTION END	366-92894	366-92894	366-92894	366-92894	366-92894	366-92894	366-93649	366-93649	366-93550	366-93550
3	HEAD, BACK END	366-92896	366-92896	366-92896	366-92896	366-92896	366-92896	366-93651	366-93651	366-93552	366-93552
4	BAFFLE, PASS, CONNECTION END	366-92883	366-92883	366-92883	366-92883	366-92883	366-92883	366-93644	366-93644	366-93544	366-93544
5	BAFFLE, PASS, BACK END	066-92882	066-92882	066-92882	066-92882	066-92882	066-92882	066-93647	066-93647	066-93547	066-93547
6	GASKET, PASS BAFFLE AND HEAD	066-92899	066-92899	066-92899	066-92899	066-92899	066-92899	066-93653	066-93653	066-93554	066-93554
7	CONDENSER (INCLUDES ITEMS 8-13)	366-92309	-	366-92310	-	366-94908	-	366-92765	-	366-92558	-
8	HEAD, FRONT	366-90688	-	366-90688	-	366-94907	-	366-92586	-	366-92586	-
9	HEAD, BACK	366-92136	-	366-92136	-	366-92136	-	366-92590	-	366-92590	-
10	TUBE CONDENSER NO. OF TUBES PER CONDENSER	007-07840 175	-	007-07840 195	-	007-07840 199	-	007-07844 216	-	007-07844 248	-
11	GASKET, HEAD, FRONT	067-77469	-	067-77469	-	067-77469	-	066-92591	-	066-92591	-
12	GASKET, HEAD, CENTER (2-PASS)	066-92311	-	066-92311	-	066-92311	-	066-92593	-	066-92593	-
13	GASKET, HEAD, BACK	067-77468	-	067-77468	-	067-77468	-	066-92592	-	066-92592	-
14	VALVE, RELIEF	022-01887 (2)	-	022-01887 (2)	-	022-01887 (2)	-	022-01887	-	022-01887	-
15	VALVE, LIQUID STOP	022-03043 (2)	022-03043	022-03043 (2)	022-03043	022-03044 (2)	022-03044 (2)	022-03044	022-03044 (2)	022-03044	022-03044 (2)
16	DEHYDRATOR	026-21055 (2)	026-21055	026-21055 (2)	026-21055	026-16960 (2)	026-16960 (2)	026-16960	026-16960 (2)	026-16960	026-16960 (2)
17	CARTRIDGE (2 REQ'D. PER DEHYDRATOR)	026-18328 (4)	026-18328	026-18328	026-18328	026-18328	026-18328	026-18328	026-18328	026-18328	026-18328
18	VALVE, SOLENOID	025-20997 (2)	025-20997	025-20997	025-20997	025-26950 (2)	025-26950 (2)	025-26950	025-26950 (2)	025-26950	025-26950 (2)
18A*	VALVE SOLENOID (KIT)	025-27999	025-27999	025-27999	025-27999	025-27993	025-27993	025-27993	025-27993	025-27993	025-27993
19A	VALVE, TX, LESS BODY (ALCO)	025-16570	025-16570	025-25977	025-25977	-	-	-	-	-	-
19B	VALVE, TX, BODY (ALCO)	025-16571	025-16571	025-16571	025-16571	-	-	-	-	-	-
20	VALVE, TX, (COMPLETE WITH POWER ASSEMBLY) (SPORLAN)	-	-	-	-	025-26295	025-26295	025-26295	025-26295	025-26964	025-26964
21	MOISTURE INDICATOR - BODY ONLY	026-16957	026-16957	026-16957	026-16957	026-20147	026-20147	026-20147	026-20147	026-29812	026-29812
	MOISTURE INDICATOR - CAP ASS'Y.	026-16958	026-16958	026-16958	026-16958	026-16958	026-16958	026-16958	026-16958	026-16958	026-16958

*Use if present solenoid valve is sticking.

95 TONS
NOM
115 TONS
TXV

COMPRESSOR CONTACTORS ⑤

VOLT. CODE	LCH130W YCWK11 YCWL12	LCH130A YCRK00 YCRLO0	LCH150W YCWM13 YCWN14	LCH150A YCWM00 YCRN00	LCH175W YCWU19 YCWV20	LCH175A YCRU00 YCRV00	LCH200W YCWQ15 YCWR16	LCH200A YCRQ00 YCRR00	LCH230W YCWS17 YCWT18	LCH230A YCRS00 YCRT00
-17	025-27410	025-27411	025-27411	025-27411	025-27411	025-27411	025-27411	025-27411	025-27411	025-27411
-28	025-27410	025-27410	025-27410	025-27411	025-27411	025-27411	025-27411	025-27411	025-27411	025-27411
-40	025-27409	025-27409	025-27409	025-27409	025-27409	025-27410	025-27410	025-27410	025-27410	025-27410
-46	025-27409	025-27409	025-27409	025-27409	025-27409	025-27409	025-27409	025-27409	025-27409	025-27409
-50	025-27409	025-27409	025-27409	025-27409	025-27409	025-27409	025-27410	025-27410	025-27410	025-27410
-58	025-27409	025-27409	025-27409	025-27409	025-27409	025-27409	025-27409	025-27409	025-27409	025-27409
-64	025-27409	025-27409	025-27409	025-27409	025-27409	025-27409	025-27410	025-27410	025-27410	025-27410

CONTROL COMPONENTS

Description	Part Number
Motor Current Board (MCB)	031-00817
⑤ Relay (for Relay Output Board and Run Permissive (R.P.) Relay)	025-27402
T2 Transformer	025-25135
.2 : 200 C.T. (Current Transformer)	025-27405
.2 : 300 C.T. (Current Transformer)	025-27406
.2 : 400 C.T. (Current Transformer)	025-27407
.2 : 500 C.T. (Current Transformer)	025-27408
⑤ H.P. Cut-Out, 275 Lb.	025-27400
⑤ Discharge Pressure Transducer, 0-400 Lb.	025-25580-000
⑤ Oil or Suction Pressure Transducer, 0-200 Lb.	025-25927-000
⑤ RWT or LWT Sensor	025-25195
⑤ Loading Solenoid Coil	025-16572-005
Micro Logic Board *	031-00805 *
Relay Output Board	031-00769
Analog, Input Board	031-00772-001
Digital Input Board	031-00802
Power Supply Board	031-00777
Run Permissive (R.P.) Relay Board	031-00942
Outside Ambient (OAT) Sensor	025-27509-100
Fuse - 13 FU (15 amp)	025-25584
Fuse - 14 FU (8 amp)	025-27509-013
RC Suppressor	025-27800
Temperature Sensor (1TH)	025-27622
Vilter Isolator (for condenser pressure transducer)	026-30229

Not too
much work

⑤ Recommended Spare Parts

* ORDER P/N 031-00929-000 MICRO
WITH P/N 031-00928-001 EPROM

TABLE 1 — J COMPRESSOR MODEL NUMBERS

UNIT MODEL		LCH130W YCWK11 YCW12	LCH130W YCW12	LCH130A YCRK00 YCR100	LCH130A YCR100	LCH150W YCWM13 YCWN14	LCH150W YCWN14	LCH150A YCRM00 YCRN00	LCH150A YCRN00	LCH175W YCWU19 YCWV20	LCH175W YCWV20
		60 HZ	50 HZ	60 HZ	50 HZ	60 HZ	50 HZ	60 HZ	50 HZ	60 HZ	50 HZ
COMPR. MODEL	SYS #1	JS43E-M	JS44E-N	JS43E-M	JS44E-P	JS44E-M	JS63E-P	JS44E-N	JS63E-Q	JS63E-N	JS64E-Q
	SYS #2	JS44E-M	JS63E-P	JS44E-N	JS63E-Q	JS63E-N	JS64E-Q	JS63E-P	JS64E-S	JS64E-Q	JS83E-S

UNIT MODEL		LCH175A		LCH200W		LCH200A		LCH230W		LCH230A	
		YCRU00	YCRV00	YCWQ15	YCWR16	YCRQ00	YCRR00	YCWS17	YCWT18	YCRS00	YCRT00
		YCRV00									
		60 HZ	50 HZ	60 HZ	50 HZ	60 HZ	50 HZ	60 HZ	50 HZ	60 HZ	50 HZ
COMPR. MODEL	SYS #1	JS63E-P	JS64E-S	JS64E-Q	JS83E-S	JS64E-S	JS83E-T	JS83E-Q	JS84E-T	JS83E-S	JS84E-T
	SYS #2	JS64E-S	JS83E-T	JS64E-Q	JS83E-S	JS64E-S	JS83E-T	JS83E-Q	JS84E-T	JS83E-S	JS84E-T

For replacement compressors and/or compressor parts refer to Form 180.23-RP3.

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