



PACKAGED LIQUID CHILLERS WATER COOLED & REMOTE—RECIPROCATING HERMETIC

RENEWAL PARTS

Supersedes: 150.55-RP2 (1192)

994

Form 150.55 RP2

WATER COOLED MODELS

YCWZ33JJO, YCWZ44JKO, YCWZ47JKO, YCWZ77JMO,
YCWZ88LMO, YCWZ88RPO, YCWZ89RPO, YCWZ99RPO

REMOTE CONDENSER MODELS

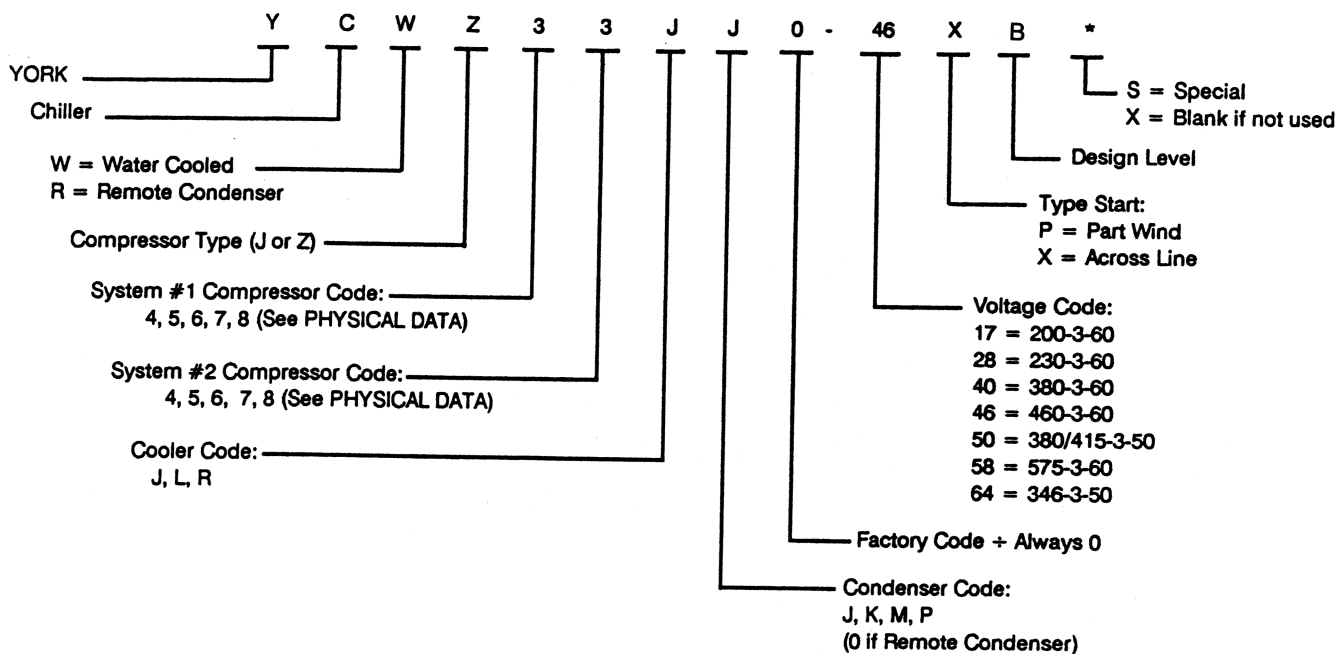
YCRZ33JOO, YCRZ44JOO, YCRZ47JOO, YCRZ77JOO,
YCRZ88LOO, YCRZ88ROO, YCRZ89ROO, YCRZ99ROO

STYLE B

50 & 60 Hz

UNIT NOMENCLATURE

The model number denotes the following characteristics of the unit:



WARNING

HIGH VOLTAGE
is used in the operation of this equipment.

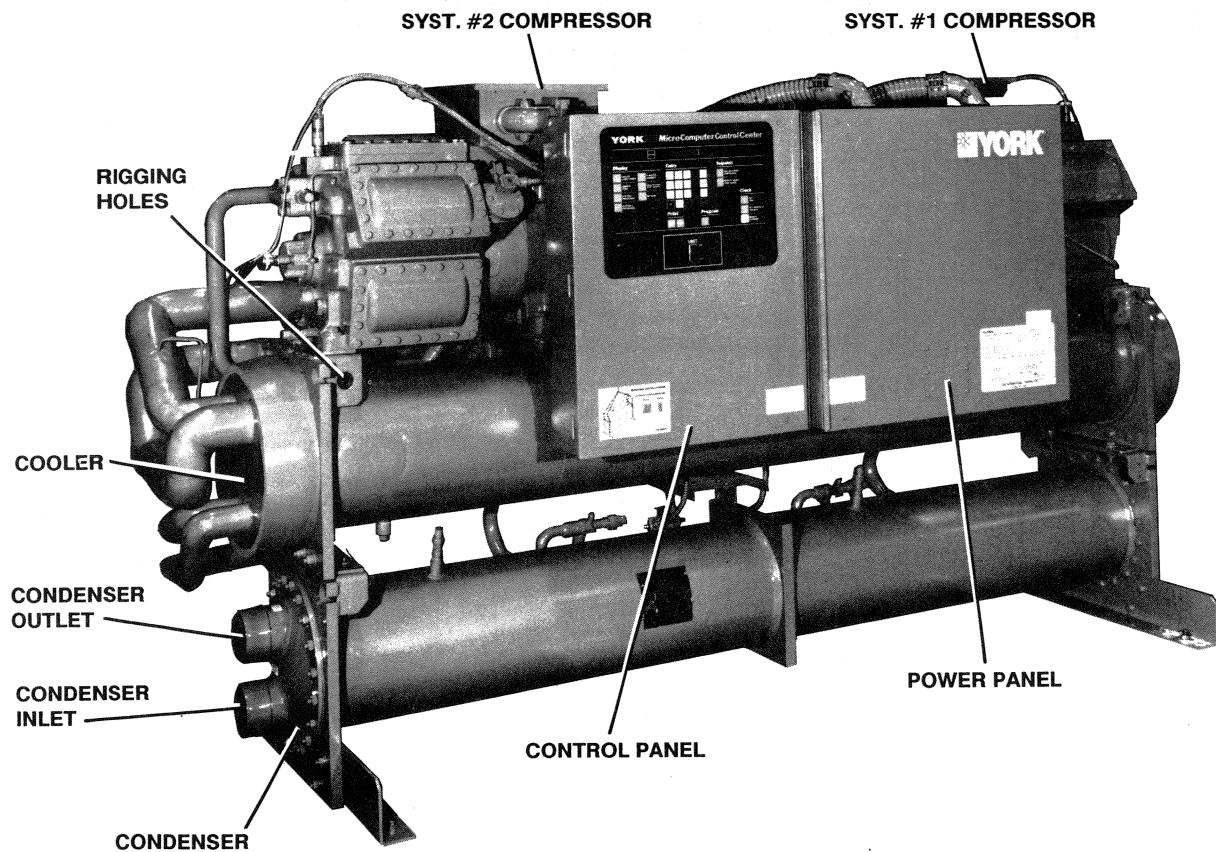
DEATH OR SERIOUS INJURY
may result if personnel fail to observe safety precautions.

Work on electronic equipment should not be undertaken unless the individual(s) have been trained in the proper maintenance of the equipment and is (are) familiar with its potential hazards.

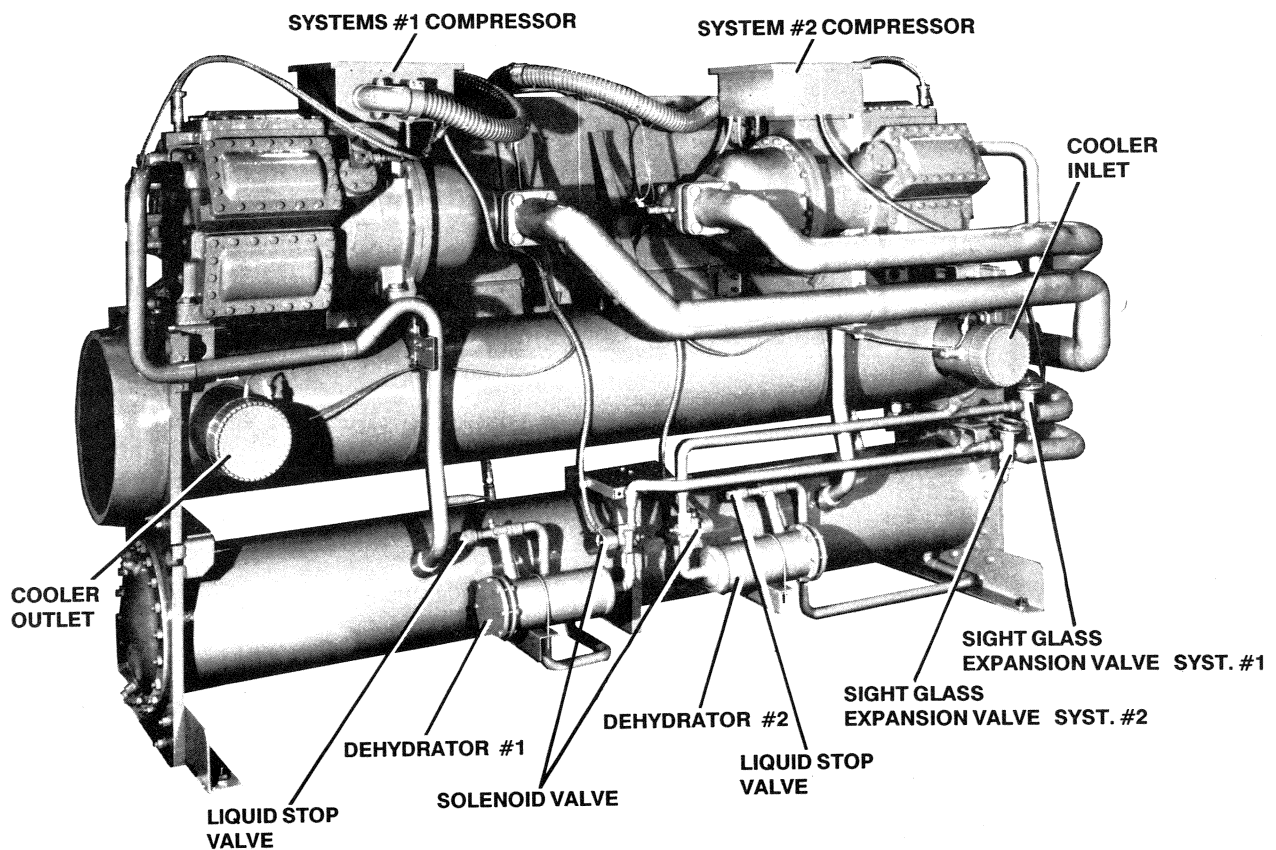
Shut off power supply to equipment before beginning work and follow lockout procedures. When working inside equipment with power off, take special care to discharge every capacitor likely to hold dangerous potential.

Be careful not to contact high voltage connections when installing or operating this equipment.

LOW VOLTAGE
DO NOT be misled by the term "low voltage". Voltages as low as 50 volts
may cause death.



#26087



#26088

COMPRESSOR NOMENCLATURE Z MODELS

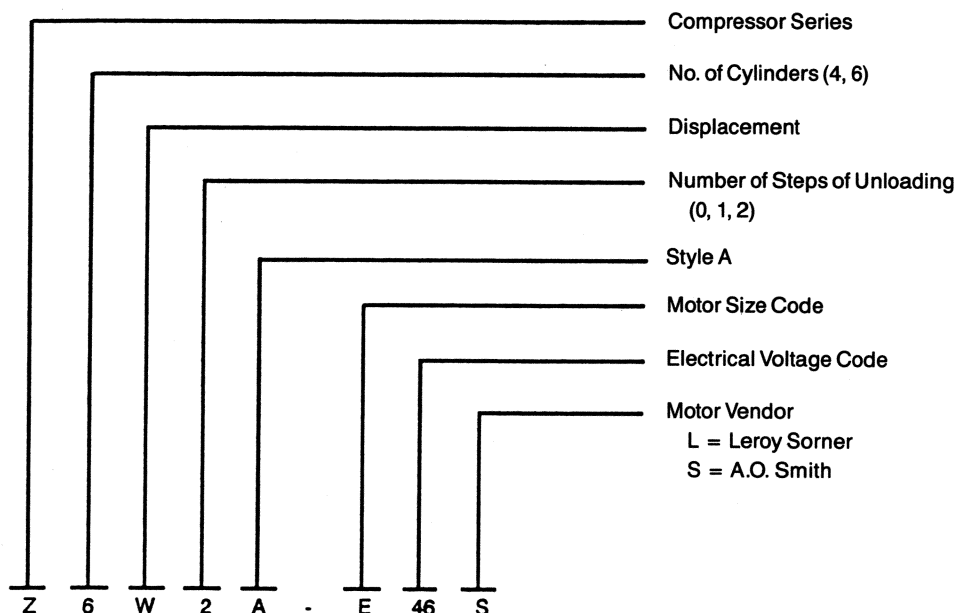


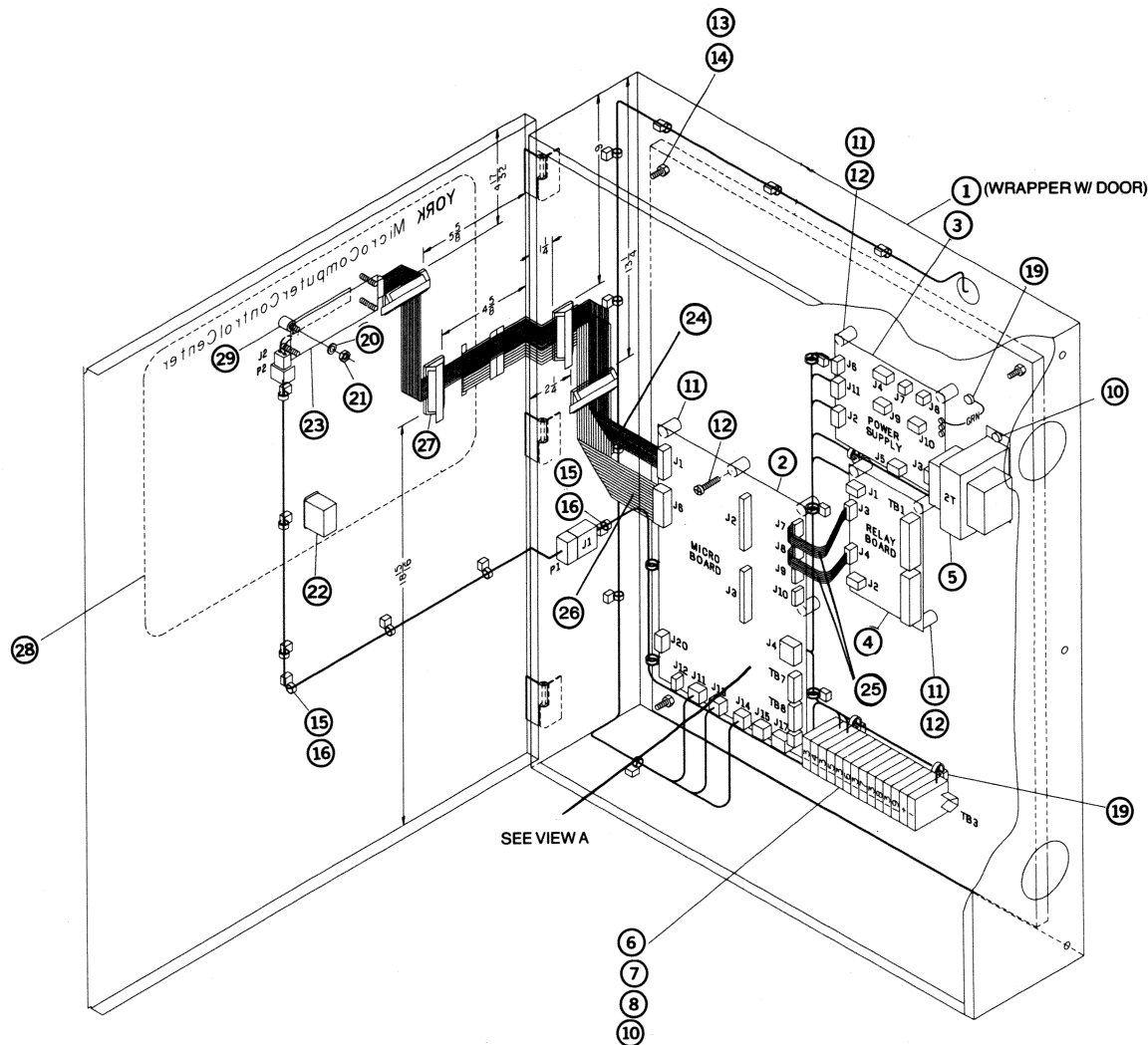
TABLE 1 — COMPRESSOR MODEL NUMBERS

UNIT MODEL		YCWZ16JP YCWZ33JJ	YCWZ18JN YCWZ44JK	YCWZ22JN YCWZ47JK	YCWZ26JL YCWZ77JM	YCWZ28LL YCWZ88LM	YCWZ28RJ YCWZ88RP
COMPRESSOR MODEL	SYSTEM	Z4K1A-B	Z4M1A-C	Z4M1A-C	Z6S1A-D	Z6W1A-E	Z6W1A-E
	NO. 1						
	SYSTEM	Z4K1A-B	Z4M1A-C	Z6S1A-D	Z6S1A-D	Z6W1A-E	Z6W1A-E
	NO. 2						
UNIT MODEL		YCRZ16JO YCRZ33JO	YCRZ18JO YCRZ44JO	YCRZ22JO YCRZ47JO	YCRZ26JO YCRZ77JO	YCRZ28LO YCRZ88LO	YCRZ28RO YCRZ88RO
COMPRESSOR MODEL	SYSTEM	Z4K1A-B	Z4M1A-C	Z4M1A-C	Z6S1A-D	Z6W1A-E	Z6W1A-E
	NO. 1						
	SYSTEM	Z4K1A-B	Z4M1A-C	Z6S1A-D	Z6S1A-D	Z6W1A-E	Z6W1A-E
	NO. 2						

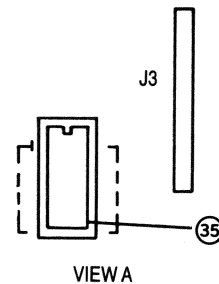
For replacement compressors and/or compressor parts, refer to Form 180.45-RP1.

Remanufactured compressors are available from the Wheeling, Illinois manufacturing facility.

Contact the local YORK INTERNATIONAL office.



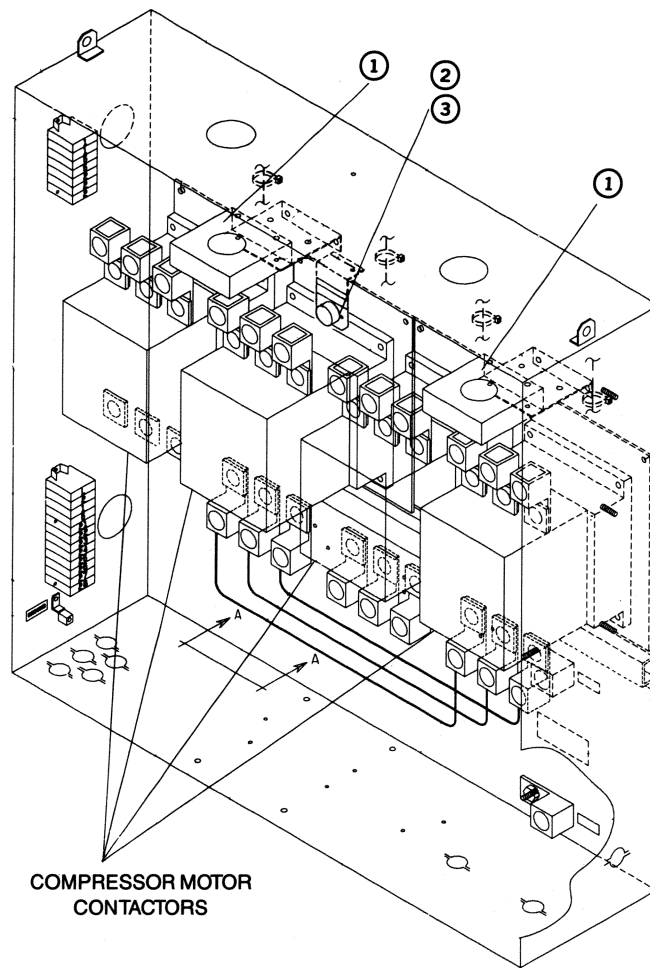
PART NO.	ITEM	QUANTITY PER UNIT	DESCRIPTION
§031-01095000	2	1	CONTROL, MICRO BOARD
§031-01094000	3	1	CONTROL, POWER SUPPLY
§031-01093000	4	1	CONTROL, RELAY BOARD
025-27911000	5	1	TRANSFORMER, CONTROL
025-20945-000	6	14	BLOCK, TERMINAL
025-20946-000	7	1	END, TERMINAL BLOCK
025-29159000	8	1	STRIP, MARKER (14 POLE)
	9		
021-13783-000	10	5	SCR., TAP TH. #8 X 3/8 LG.
021-14661000	11	16	NUT, EXPANSION
021-14667-000	12	16	SCR., TAP PAN HD. #8 x 1-1/4
021-01155-000	13	4	LKWASH., TH. INT. 3/8
021-00467-000	14	4	NUT, HEX 3/8-16 UNC-28
021-01137-000	15	15	LKWASH., TH. INT. # 10
021-08282-000	16	15	NUT, HEX # 10-24
025-28383-000	17	3	MSG., CONNR. PLUG. MINI-UNIV.
571-01226-212	18	1	WIRE
021-13789-000	19	12	SCR., TAP PAN HD. # 10 x 1/2
021-17576-000	20	4	LKWASH., HEL. SPG. # 4
021-10056-000	21	4	NUT, HEX = 4-40
024-25517-000	22	1	SWITCH, UNIT ON/OFF
031-01110000	23	1	DISPLAY
031-01109-211	24	1	RIBBON CABLE
031-01109-212	25	2	RIBBON CABLE
031-01109-213	26	1	RIBBON CABLE
025-25156-000	27	4	CLAMP, RIBBON WIRE
024-25504000	28	1	SWITCH, KEYPAD
021-17575-000	29	4	SPACER, NYLON 7/16 LG.
035-03908000	33	1	LABEL, CAUTION (NOT SHOWN)
*031-00808-000	34	3	SUPPRESSOR, OPTION
§031-01096-001	35	1	EPROM



§ Recommended Stock Spare Part

* Not shown. Shipped Loose for field use to place across the coil of a relay or contactor in the application of:

- Alarm Circuit Relays
- Pump Starter (Contactor)
- Flow Switch Inputs
- BAS Inputs
- Any relay or contactor connected to the Control Panel or its 115VAC supply.



^SCOMPRESSOR MOTOR CONTACTORS

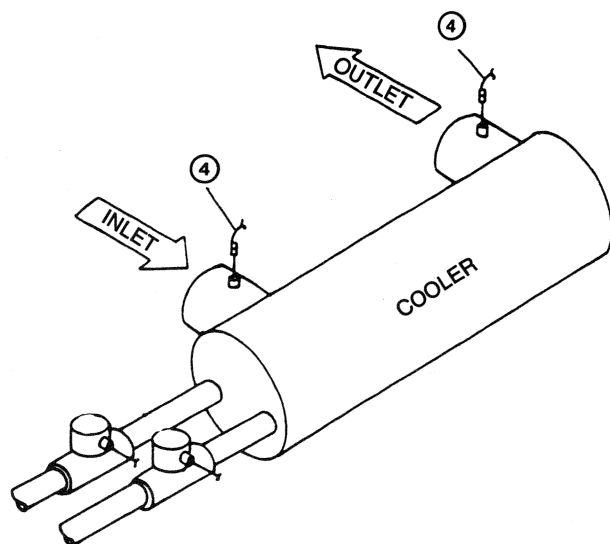
VOLTAGE CODE	TYPE START	SYSTEM	YCWZ33JJ0	YCRZ33JJ0	YCWZ44JK0	YCRZ44JK0	YCWZ47JK0	YCRZ47JK0	YCWZ77JM0
-17	P	1	024-25551-000	024-25551-000	024-25551-000	024-25551-000	024-25550-000	024-25550-000	024-25550-000
		2	024-25551-000	024-25551-000	024-25551-000	024-25551-000	024-25550-000	024-25550-000	024-25550-000
-28	P	1	024-25551-000	024-25551-000	024-25551-000	024-25551-000	024-25550-000	024-25550-000	024-25550-000
		2	024-25551-000	024-25551-000	024-25551-000	024-25551-000	024-25550-000	024-25550-000	024-25550-000
-40	A	1	024-25551-000	024-25551-000	024-25551-000	024-25551-000	024-25549-000	024-25549-000	024-25549-000
		2	024-25551-000	024-25551-000	024-25551-000	024-25551-000	024-25549-000	024-25549-000	024-25549-000
	P	1	024-25551-000	024-25551-000	024-25551-000	024-25551-000	024-25549-000	024-25549-000	024-25549-000
		2	024-25551-000	024-25551-000	024-25551-000	024-25551-000	024-25549-000	024-25549-000	024-25549-000
-46	A	1	024-25551-000	024-25551-000	024-25551-000	024-25551-000	024-25551-000	024-25551-000	024-25551-000
		2	024-25551-000	024-25551-000	024-25551-000	024-25551-000	024-25551-000	024-25551-000	024-25551-000
	P	1	024-25551-000	024-25551-000	024-25551-000	024-25551-000	024-25551-000	024-25551-000	024-25551-000
		2	024-25551-000	024-25551-000	024-25551-000	024-25551-000	024-25551-000	024-25551-000	024-25551-000
-50	A	1	024-25551-000	024-25551-000	024-25551-000	024-25551-000	024-25551-000	024-25551-000	024-25551-000
		2	024-25551-000	024-25551-000	024-25551-000	024-25551-000	024-25551-000	024-25551-000	024-25551-000
	P	1	024-25551-000	024-25551-000	024-25551-000	024-25551-000	024-25551-000	024-25551-000	024-25551-000
		2	024-25551-000	024-25551-000	024-25551-000	024-25551-000	024-25551-000	024-25551-000	024-25551-000
-58	A	1	024-25551-000	024-25551-000	024-25551-000	024-25551-000	024-25551-000	024-25551-000	024-25551-000
		2	024-25551-000	024-25551-000	024-25551-000	024-25551-000	024-25551-000	024-25551-000	024-25551-000
	P	1	024-25551-000	024-25551-000	024-25551-000	024-25551-000	024-25551-000	024-25551-000	024-25551-000
		2	024-25551-000	024-25551-000	024-25551-000	024-25551-000	024-25551-000	024-25551-000	024-25551-000
-64	A	1	024-25551-000	024-25551-000	024-25551-000	024-25551-000	024-25550-000	024-25550-000	024-25550-000
		2	024-25551-000	024-25551-000	024-25551-000	024-25551-000	024-25550-000	024-25550-000	024-25550-000
	P	1	024-25551-000	024-25551-000	024-25551-000	024-25551-000	024-25550-000	024-25550-000	024-25550-000
		2	024-25551-000	024-25551-000	024-25551-000	024-25551-000	024-25550-000	024-25550-000	024-25550-000

^SRecommended Stock Spare Parts: A=Across-the-line, P=Part Winding

Note: Across-the-line compressors require one (1) contactor per compressor (system).

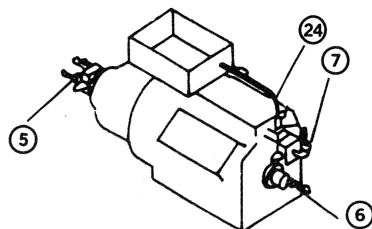
Part Winding (start) compressors require two (2) contactors per compressor (system).

Contactors include suppressors.

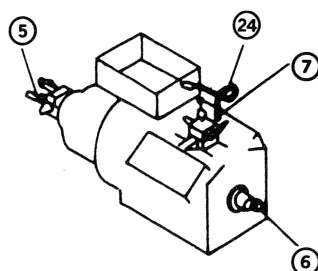


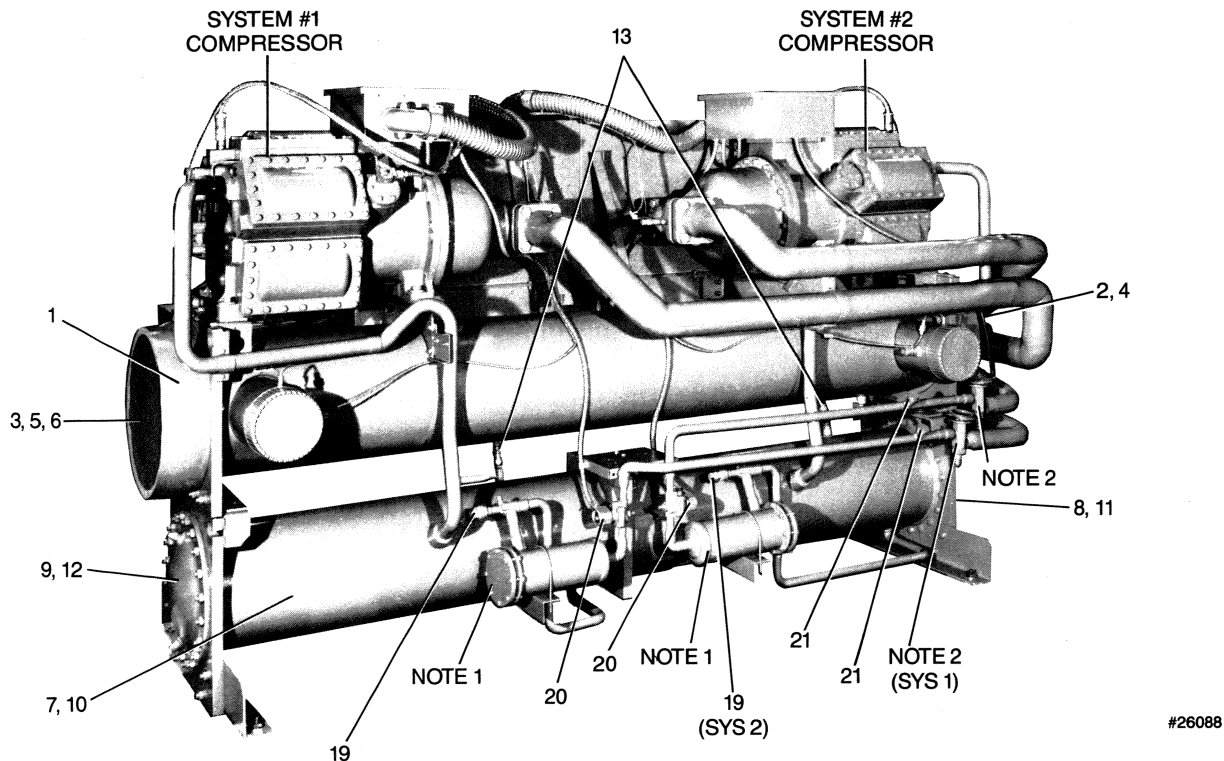
- 1 CURRENT TRANSFORMER C.T.: 025-27408-000
- 2 7A FUSE: 025-25515-000
- 3 FUSE HOLDER FOR: 025-17407-000
ITEM 2
- 4 WATER TEMP SENSORS: 025-28935-000
(LWT, AWT)
- 5 TRANSDUCER (SUCTION PRESSURE): 025-29139-002
- 6 TRANSDUCER (OIL PRESSURE): 025-29139-002
- 7 TRANSDUCER (OPTIONAL DISCHARGE PRESSURE): 025-29139-001
- 8 TRANSDUCER BRASS ADAPTER: 023-16272-000
(USED WITH ITEMS 5,6,7)
- 24 SEE ITEM 24 PAGE 6 (CUT-OUT, HIGH PRESSURES)

6 CYLINDER
COMPRESSOR



4 CYLINDER
COMPRESSOR

[illegible]



NOTES: 1. Item 14 or Items 15, 16. Depends on Unit Size. See Unit Components Table on pages 6-7.
 2. Item 17 or Item 18. Depends on Unit Size. See Unit Component Table on pages 6-7.

UNIT COMPONENTS

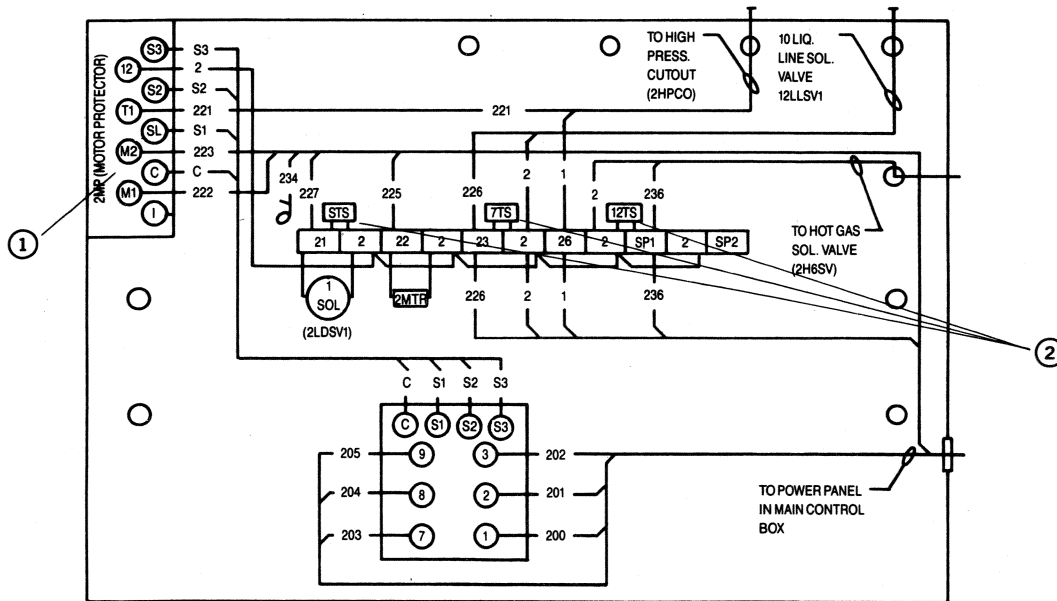
ITEM NO.	QUANT./ UNIT	DESCRIPTION	YCWZ33JJC	YCRZ33J00	YCWZ44JK0	YCRZ44J00	YCWZ47JK0	YCRZ47J00	YCWZ77JM0
1	1	Cooler, Non-Insulated (Includes Items 2-6)	375-00494	375-00494	375-00494	375-00494	375-00494	375-00494	375-00494
2	1	Head, Connection End	366-93980	366-93980	366-93980	366-93980	366-93980	366-93980	366-93980
3	1	Head, Back End	366-87608	366-87608	366-87608	366-87608	366-87608	366-87608	366-87608
4	1	Baffle, Pass, Connection End	066-93969	066-93969	066-93969	066-93969	066-93969	066-93969	066-93969
5	1	Baffle, Pass, Back End	066-93968	066-93968	066-93968	066-93968	066-93968	066-93968	066-93968
6	4	Gasket, Pass Baffle & Head	066-93970	066-93970	066-93970	066-93970	066-93970	066-93970	066-93970
7	1	Condenser (Includes Items 8-13)	375-01015	—	375-01016	—	375-01016	—	375-01017
8	1	Head, Front	375-00390-001	—	375-00390-001	—	375-00390-001	—	375-00390-001
9	1	Head, Back	375-00391-001	—	375-00391-001	—	375-00391-001	—	375-00391-001
10	Varies with Unit	Tube, Condenser No. Tubes per Condenser	007-07864 48	— —	007-07864 73	— —	007-07864 73	— —	007-07864 95
^S 11	2	Gasket, Head, Front	075-00394-001	—	075-00394-001	—	075-00394-001	—	075-00394-001
^S 12	2	Gasket, Head, Back	075-00394-001	—	075-00394-001	—	075-00394-001	—	075-00394-001
^S 13	2	Valve Relief	022-08870	—	022-08870	—	022-08870	—	022-08870
^S 14	Varies with Unit	Dehydrator (Replaceable) No. Required per Unit	026-20145 2	026-20145 2	026-20145 2	026-20145 2	026-20145 1 (sys. 1)	026-20145 1 (sys. 1)	— —
15	Varies with Unit	Dehydrator (Perm.) Less Cores No. Required per Unit	— —	— —	— —	— —	026-30598 1 (sys. 2)	026-30598 1 (sys. 2)	026-30598 2
^S 16	Varies with Unit	Dehydrator Cores (Cart.) No. Required per Unit (Used with Item 15)	— —	— —	— —	— —	026-18328 2	026-18328 2	026-18328 4
^S 17	Varies with Unit	Valve, Thermal Expansion No. Required per Unit	025-23211 2	025-21954 2	025-23211 2	025-21954 2	025-23211 1 (sys. 1)	025-21954 1 (sys. 1)	— —
^S 18	Varies with Unit	Valve, Thermal Expansion No. Required per Unit	— —	— —	— —	— —	025-21955 1 (sys. 2)	025-23211 1 (sys. 2)	025-21955 2
19	2	Valve, Liquid Stop	025-10510	025-10510	025-10510	025-10510	025-10510	025-10510	025-10510
20	2	Valve, Solenoid	025-17513	025-17513	025-17513	025-17513	025-17513	025-17513	025-17513
21	2	Moisture Indicator, Body Only	026-16957	026-16957	026-16957	026-16957	026-16957	026-16957	026-16957
	2	Moisture Indicator, Cap Ass'y	026-16958	026-16958	026-16958	026-16958	026-16958	026-16958	026-16958
22	16	Pad Isolator (Compressor Feet)	075-00820	075-00820	075-00820	075-00820	075-00820	075-00820	075-00820
23	See Pg. 3	Suppressor, Transient	See Page 3						
24	2	Cutout, High Pressure (1)	025-28399	025-28985-002	025-28399	025-28985-002	25-28399	025-23985-002	25-28399

^S(1) See Page 5.

YCRZ77J00	YCWZ88LM0	YCRZ88L00	YCWZ88RP0	YCRZ88R00	YCWZ89RP0	YCRZ89R00	YCWZ99RP0	YCRZ99R00
375-00494	375-00472	375-00472	375-00597	375-00597	375-00597	375-00597	375-00597	375-00597
366-93980	366-93960	366-93960	366-92894	366-92894	366-92894	366-92894	366-92894	366-92894
366-87608	366-55335	366-55335	366-92896	366-92896	366-92896	366-92896	366-92896	366-92896
066-93969	066-93569	066-93569	366-92883	366-92883	066-92883	066-92883	066-92883	066-92883
066-93968	066-93570	066-93570	066-92882	066-92882	066-92882	066-92882	066-92882	066-92882
066-93970	066-93573	066-93573	066-92899	066-92899	066-92899	066-92899	066-92899	066-92899
—	375-01017	—	375-01018	—	375-01018	—	375-01018	—
—	375-00390-001	—	366-90688	—	366-90688	—	366-90688	—
—	375-00391-001	—	366-92136	—	366-92136	—	366-92136	—
—	007-07864	—	007-07864	—	007-07864	—	007-07864	—
—	95	—	134	—	134	—	134	—
—	075-00394-001	—	067-77469	—	067-77469	—	067-77469	—
—	075-00394-001	—	067-77469	—	067-77469	—	067-77469	—
—	022-08870	—	022-08870	—	022-08870	—	022-08870	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
026-30598	026-30598	026-30598	026-30598	026-30598	026-30598	026-30598	026-30598	026-30598
2	2	2	2	2	2	2	2	2
026-18328	026-18328	026-18328	026-18328	026-18328	026-18328	026-18328	026-18328	026-18328
4	4	4	4	4	4	4	4	4
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
025-23211	025-21955	025-23211	025-21955	025-23211	025-21955	025-23211	025-21955	025-23211
2	2	2	2	2	2	2	2	2
025-10510	025-10510	025-10510	025-10510	025-10510	025-10510	025-10510	025-10510	025-10510
025-17513	025-17513	025-17513	025-17513	025-17513	025-17513	025-17513	025-17513	025-17513
026-16957	026-16957	026-16957	026-16957	026-16957	026-16957	026-16957	026-16957	026-16957
026-16958	026-16958	026-16958	026-16958	026-16958	026-16958	026-16958	026-16958	026-16958
075-00820	075-00820	075-00820	075-00820	075-00820	075-00820	075-00820	075-00820	075-00820
See Page 3								
025-28485-002	025-28399	025-28985-002	25-28399	025-28985-002	25-28399	025-28985-002	25-28399	025-28985-002

MOTOR TERMINAL BOX COMPONENTS

TYPICAL COMPRESSOR MOTOR TERMINAL BOX



ITEM NO.	DESCRIPTION	PART NO.
1	Module, Motor Protector	025-27522-000
2	Suppressor, Varistor	031-01117-000

REPLACEMENT COMPONENTS FOR UNIT OPTIONS

NOTE: Parts listed for Unit Options are for single replacement parts contained in the Option Kits.

Part numbers provided DO NOT reflect part numbers for complete Option Kits. See the Installation Operation Manual FORM 150.55-NM2 for complete Option Kit part numbers.

DESCRIPTION	VOLTAGE CODE	PART #
CONTROL TRANSFORMER (1T) OPTION Transformer	17	025-28664-001
	28	025-28664-002
	40	025-28664-003
	46	025-28664-002
	50 (380v)	025-28664-003
	50 (400v)	025-28664-003
	50 (415v)	025-28664-003
	58	025-28664-004
	64	NOT AVAILABLE
Fuse 12A 10A 6A 5A 6A 6A 6A 5A —	17	025-27972-000
	28	025-27971-000
	40	025-27970-000
	46	025-27922-000
	50 (380v)	025-27970-000
	50 (400v)	025-27970-000
	50 (415v)	025-27970-000
	58	025-17360-000
	64	—

REPLACEMENT COMPONENTS FOR UNIT OPTIONS CONT'D

DESCRIPTION	VOLTAGE CODE	PART #
PUMP CONTROL KIT/RELAY BOARD OPTION Relay Output Board	ALL	031-01093-000
DISCHARGE PRESSURE READOUT OPTION Discharge Pressure Transducer Transducer Brass Adapter (Used With Transducer)	ALL ALL	025-29139-001 023-16272-000
LOAD MINDER (HOT GAS BYPASS) OPTION Hot Gas Regulator Valve Suppressor	ALL ALL	025-27647-000 031-01117-000
FLOW SWITCH OPTION Flow Switch	ALL	024-26116-000
REMOTE CONTROL CENTER OPTION Micrologic Board	ALL	031-01196-000
WALL-MOUNTED TRANSFORMER OPTION (Used with Remote Control Center) Transformer (115vac Primary) Transformer (230vac Primary)	ALL ALL	025-29917-001 025-29917-002
MULTIPLE UNIT SEQUENCE OPTION Mixed Water Temp Sensor 180Ω Resistor	ALL ALL	025-28935-000 025-29900-000
BAS INTERFACE OPTION Remote Reset Board	ALL	031-00814-000
MUFFLER, DISCHARGE (one required per system)	YCR ONLY	029-20225-000
POWER DISCONNECT SWITCH (PDS)	250A 400A 600A	024-25565-000 024-25564-000 024-25563-000



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