



PACKAGED LIQUID COOLERS
AIR COOLED – RECIPROCATING HERMETIC

RENEWAL PARTS

Supersedes: Nothing

193

Form 150.24-RP26

WATER COOLED MODELS

YCWJ45PR0, YCWJ56RS0, YCWJ67TT0, YCWJ77VU0, YCWJ88XV0
YCWJ56PR0, YCWJ67RS0, YCWJ78TT0, YCWJ88VU0, YCWJ99XV0

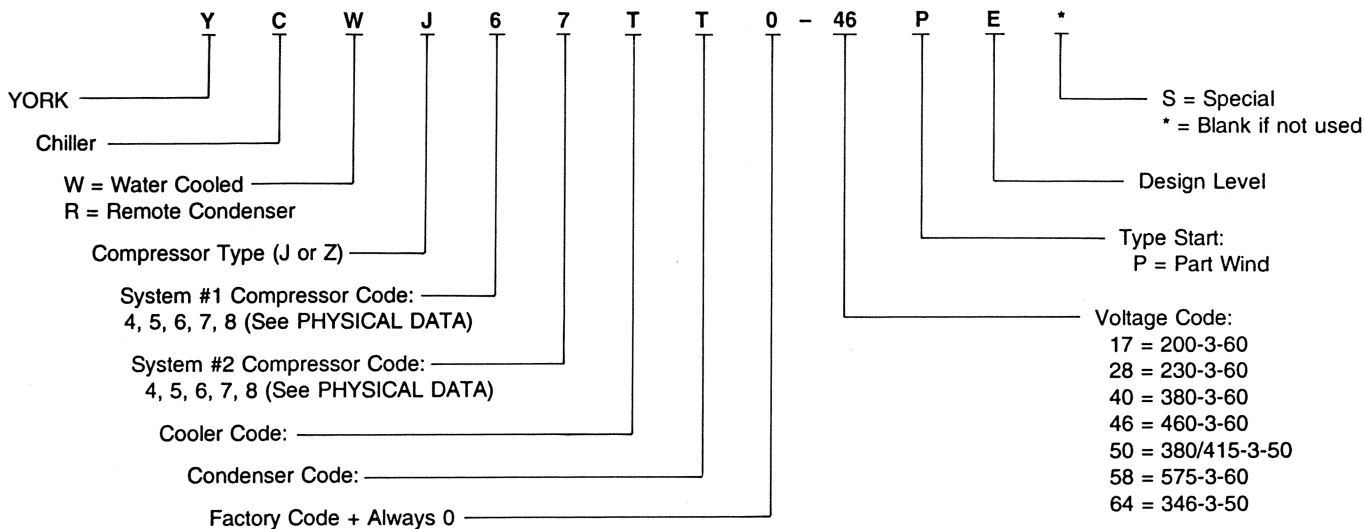
REMOTE CONDENSER MODELS

YCRJ45P00, YCRJ56R00, YCRJ67T00, YCRJ77V00, YCRJ88X00
YCRJ56P00, YCRJ67R00, YCRJ78T00, YCRJ88V00, YCRJ99X00

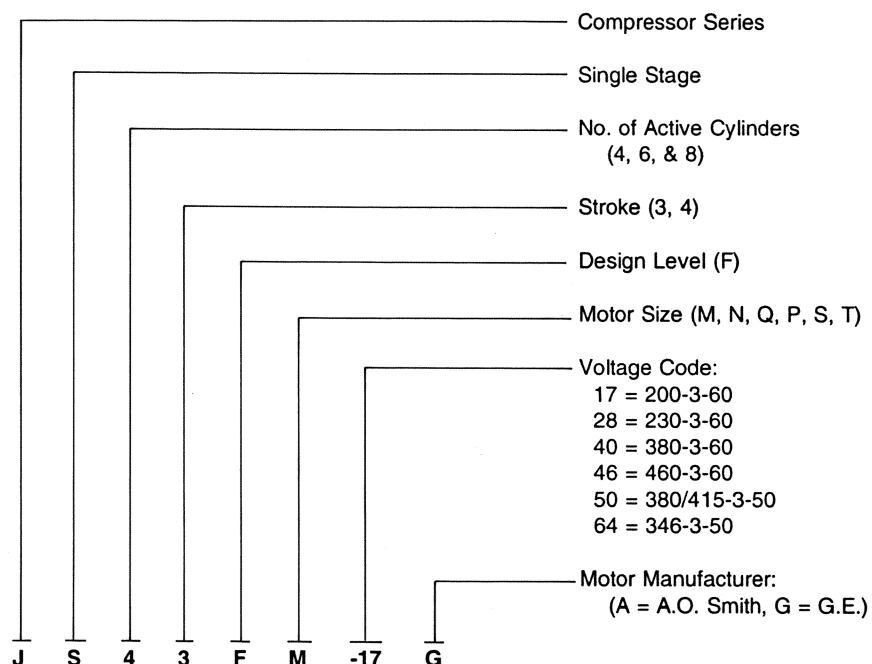
STYLE “E”
50 & 60 HZ

UNIT NOMENCLATURE

The model number denotes the following characteristics of the unit:



COMPRESSOR NOMENCLATURE J MODELS



Oil temp sensor
025-34176-000

TABLE 1 – J COMPRESSOR MODEL NUMBERS

MODEL	60 HZ	YCW YCR	J45PR0 J45P00	J56RS0 J56R00	J67TT0 J67T00	J77VU0 J77V00	J88XV0 J88X00
	50 HZ	YCW YCR	J56PR0 J56P00	J67RS0 J67R00	J78TT0 J78T00	J88VU0 J88V00	J99XV0 J99X00
COMPR. YCW	60 HZ	Sys. 1 Sys. 2	JS43F-M JS44F-M	JS44F-M JS63F-N	JS63F-N JS64F-Q	JS64F-Q JS64F-Q	JS83F-Q JS83F-Q
	50 HZ	Sys. 1 Sys. 2	JS44F-N JS63F-P	JS63F-P JS64F-Q	JS64F-Q JS83F-S	JS83F-S JS83F-S	JS84F-T JS84F-T
YCR	60 HZ	Sys. 1 Sys. 2	JS43F-M JS44F-N	JS44F-N JS63F-P	JS63F-P JS64F-S	JS64F-S JS64F-S	JS83F-S JS83F-S
	50 HZ	Sys. 1 Sys. 2	JS44F-P JS63F-Q	JS63F-Q JS64F-S	JS64F-S JS83F-T	JS83F-T JS83F-T	JS84F-T JS84F-T

For replacement compressors and/or compressor parts, refer to Form 180.23-RP3 (792).
Remanufactured compressors are available from the Wheeling, Illinois manufacturing facility.

Wiring harnesses for trans

FORM 150.24-RP26

J13 (1) 371-01263-231

(1) 371-01263-232

J14 (1) 371-01263-233

(1) 371-01263-234

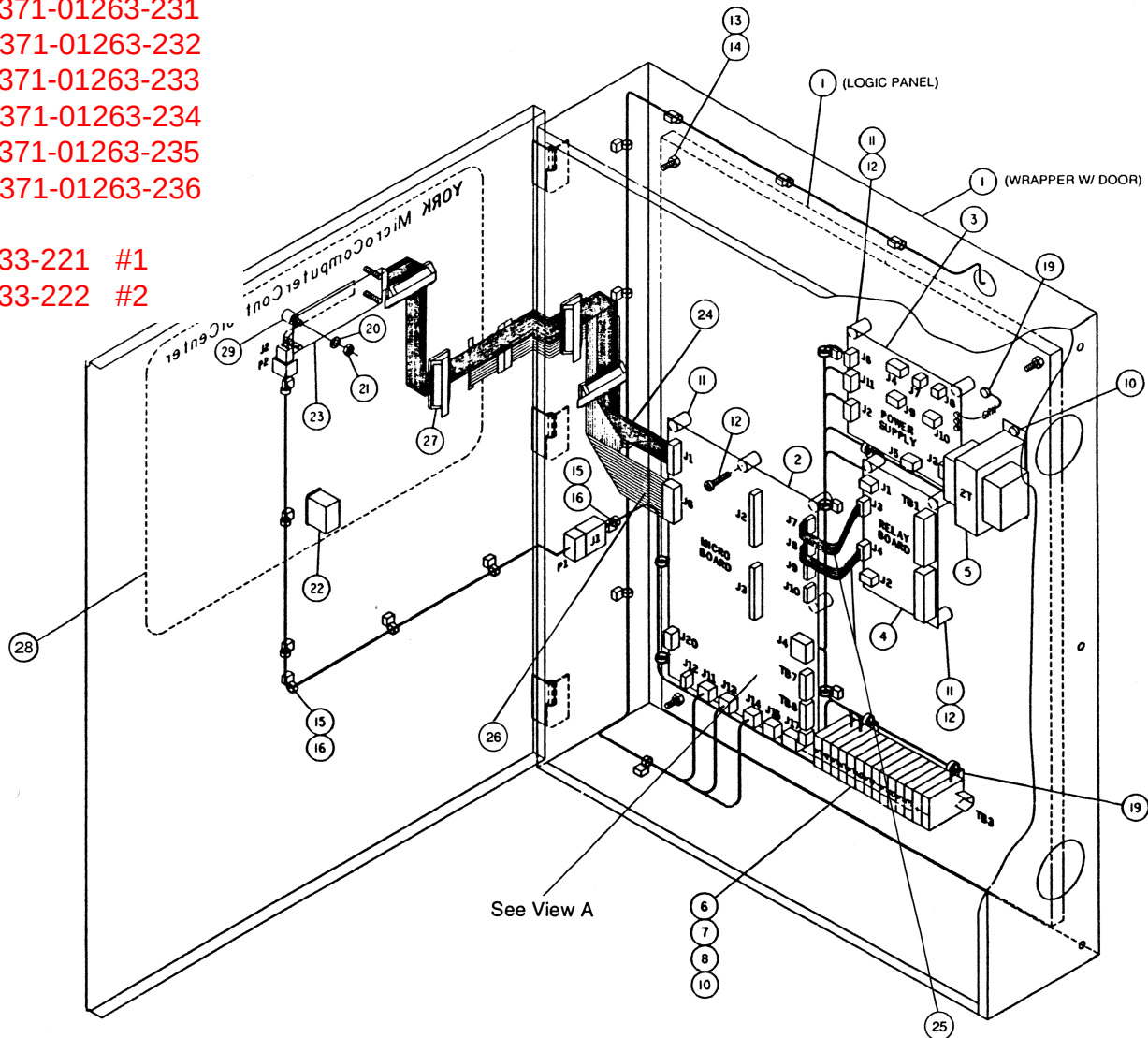
J15 (1) 371-01263-235

(1) 371-01263-236

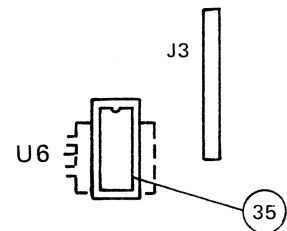
Oil temp

371-01733-221 #1

371-01733-222 #2

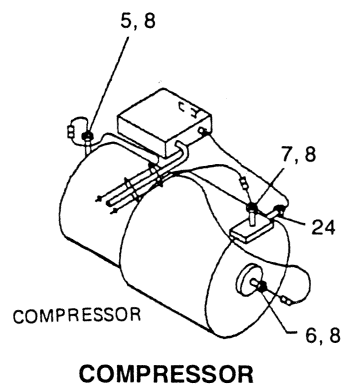
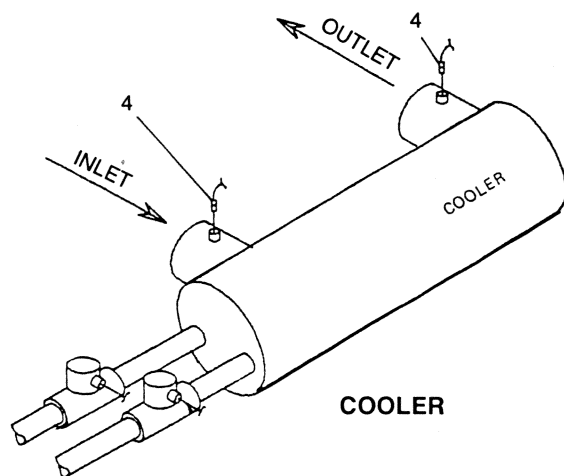
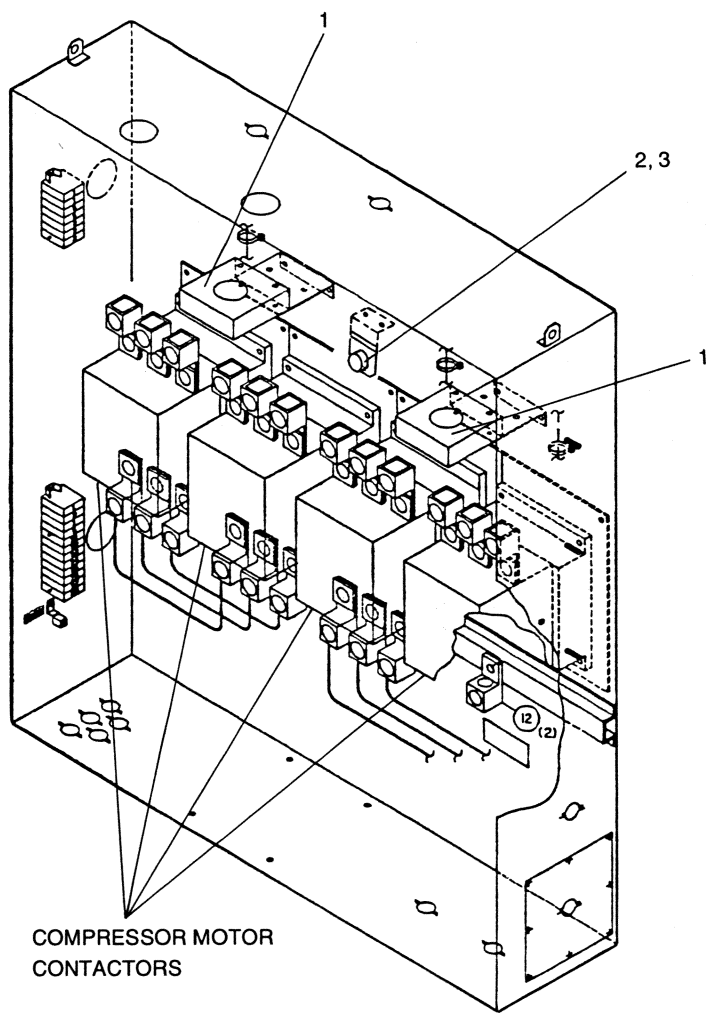


PART NO.	ITEM	QTY./UNIT	DESCRIPTION
371-01263-301	1	1	Kit, Enclosure
*031-01095-000	2	1	Control, Micro Board
*031-01094-000	3	1	Control, Power Supply
*031-01093-000	4	1	Control, Relay Board
025-27911-000	5	1	Transformer, Control
025-20945-000	6	14	Block, Terminal
025-20946-000	7	1	End, Terminal Block
025-29159-000	8	1	Strip, Marker (14 Pole)
	9		
021-13783-000	10	5	Scr., Tap TH. #8 x 3/8 LG.
021-14661-000	11	16	Nut, Expansion
021-14667-000	12	16	Scr., Tap Pan Hd. #8 x 1 1/4
021-01155-000	13	4	Lock Washer, TH. Int. 3/8
021-00467-000	14	4	Nut, Hex 3/8-16 UNC-2B
021-01137-000	15	15	Lock Washer, TH. Int. #10
021-08282-000	16	15	Nut, Hex #10-24
025-28383-000	17	3	Hsg., 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	Lock Washer, Hel. Spg. #4
021-10056-000	21	4	Nut, Hex #4-40
024-25517-000	22	1	Switch, Unit ON/OFF
031-01110-000	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
024-25504-000	28	1	Switch, Keypad
021-17575-000	29	4	Spacer, Nylon 7/16 Lg.
571-01263-211	30	1	Harness, Door
571-01226-201	31	1	Harness, Main Panel
571-01263-217	32	1	Harness, Shielded Cable
035-03908-000	33	1	Label, Caution (Not Shown)
*031-00808-000	34	3	Suppressor, Option
*031-01096-001	35	1	EPROM



VIEW A

- * Recommended Stock Spare Part
- * Not shown, shipped loose for field use to place across the coil of a relay or contactor supplying dry contacts 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 115 VAC supply.



ITEM NO.	DESCRIPTION	PART NO.
1	Current Transformer (C.T.)	025-27408-000
2	7A Fuse	025-25515-000
3	Fuse Holder for Item 2	025-17407-000
4	Water Temp. Sensors (LWT, RWT)	025-28935-000
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 (Used with Items 1, 2, & 3)	023-16272-000
24	See Item 24, Page 6 (Cut-out High Pressure)	

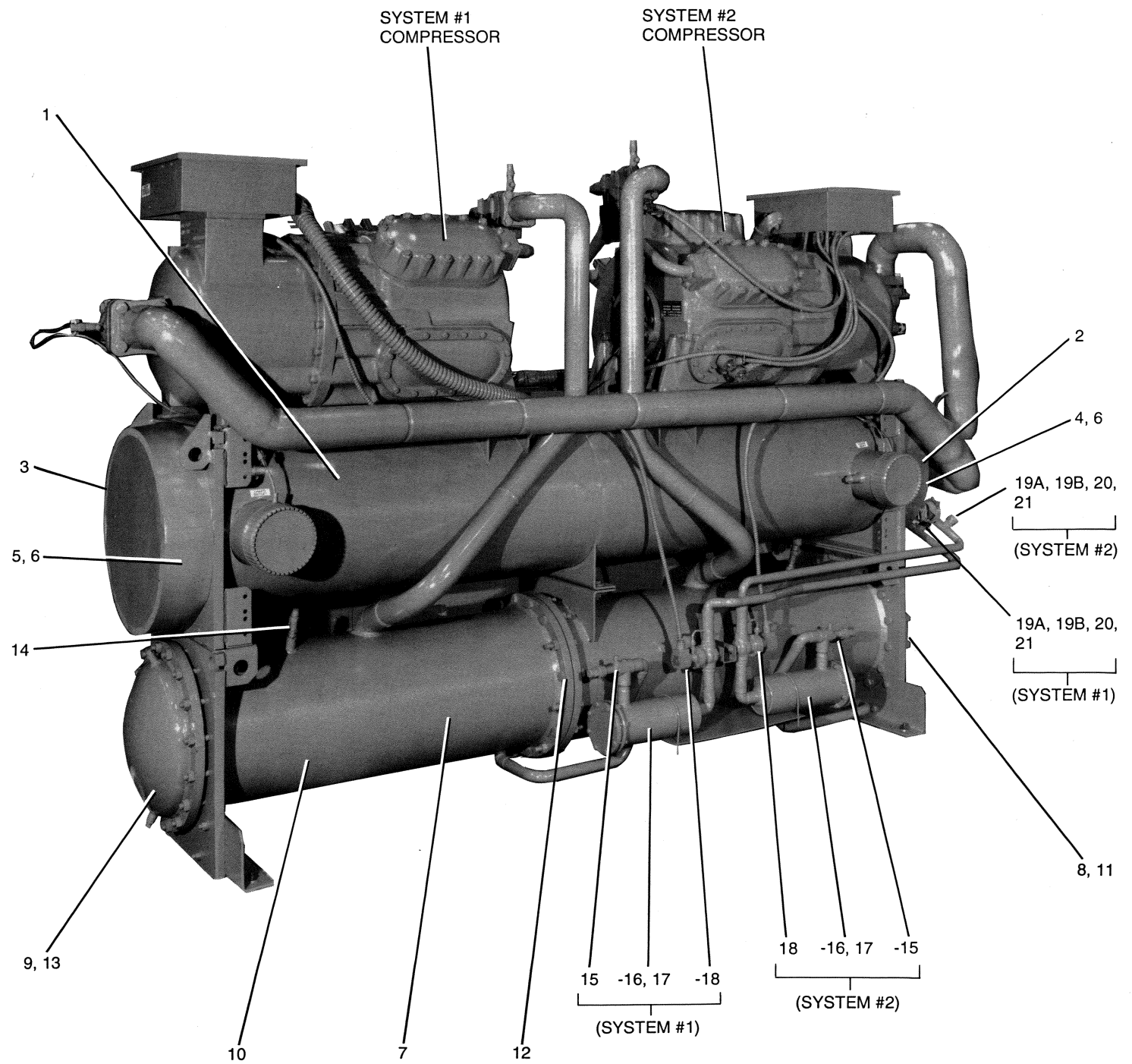
^s COMPRESSOR MOTOR CONTACTORS

VOLTAGE CODE	SYS.	YCWJ45PR0 YCWJ56PR0	YCRJ45P00 YCRJ56P00	YCWJ56RS0 YCWJ67RS0	YCRJ56R00 YCRJ67R00	YCWJ67TT0 YCWJ78TT0
-17	1 2	024-25549-000 024-25549-000	024-25549-000 024-25549-000	024-25549-000 024-25549-000	024-25548-000 024-25548-000	024-25548-000 024-25548-000
-28	1 2	024-25550-000 024-25550-000	024-25549-000 024-25549-000	024-25549-000 024-25549-000	024-25549-000 024-25549-000	024-25548-000 024-25548-000
-40	1 2	024-25551-000 024-25551-000	024-25551-000 024-25551-000	024-25551-000 024-25551-000	024-25550-000 024-25550-000	024-25550-000 024-25550-000
-46	1 2	024-25551-000 024-25551-000	024-25551-000 024-25551-000	024-25551-000 024-25551-000	024-25550-000 024-25550-000	024-25550-000 024-25550-000
-50	1 2	024-25551-000 024-25551-000	024-25550-000 024-25550-000	024-25550-000 024-25550-000	024-25550-000 024-25550-000	024-25550-000 024-25550-000
-58	1 2	024-25551-000 024-25551-000	024-25551-000 024-25551-000	024-25551-000 024-25551-000	024-25551-000 024-25551-000	024-25550-000 024-25550-000
-64	1 2	024-25551-000 024-25551-000	024-25550-000 024-25550-000	024-25550-000 024-25550-000	024-25549-000 024-25549-000	024-25549-000 024-25549-000

VOLTAGE CODE	SYS.	YCRJ67T00 YCRJ78T00	YCWJ77VU0 YCWJ88VU0	YCRJ77V00 YCRJ88V00	YCWJ88XV0 YCWJ99XV0	YCRJ88X00 YCRJ99X00
-17	1 2	024-25571-000 024-25571-000	024-25548-000 024-25548-000	024-25571-000 024-25571-000	024-25548-000 024-25548-000	024-25548-000 024-25548-000
-28	1 2	024-25548-000 024-25548-000	024-25548-000 024-25548-000	024-25548-000 024-25548-000	024-25548-000 024-25548-000	024-25548-000 024-25548-000
-40	1 2	024-25549-000 024-25549-000	024-25550-000 024-25550-000	024-25550-000 024-25550-000	024-25549-000 024-25549-000	024-25549-000 024-25549-000
-46	1 2	024-25549-000 024-25549-000	024-25550-000 024-25550-000	024-25550-000 024-25550-000	024-25550-000 024-25550-000	024-25550-000 024-25550-000
-50	1 2	024-25549-000 024-25549-000	024-25550-000 024-25550-000	024-25550-000 024-25550-000	024-25549-000 024-25549-000	024-25549-000 024-25549-000
-58	1 2	024-25550-000 024-25550-000	024-25550-000 024-25550-000	024-25550-000 024-25550-000	024-25550-000 024-25550-000	024-25550-000 024-25550-000
-64	1 2	024-25549-000 024-25549-000	024-25549-000 024-25549-000	024-25549-000 024-25549-000	024-25549-000 024-25549-000	024-25549-000 024-25549-000

^s Recommended Stock Spare Parts

NOTE: Contactors include suppressors.



UNIT COMPONENTS

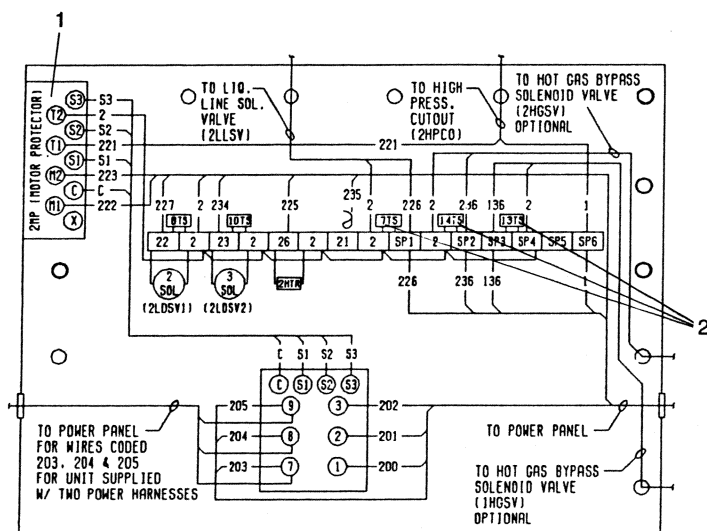
FORM 150.24-RP26

ITEM NO.	DESCRIPTION	YCWJ45PR0 YCWJ56PR0	YCRJ45P00 YCRJ56P00	YCWJ56RS0 YCWJ67RS0	YCRJ56R00 YCRJ67R00	YCWJ67TT0 YCWJ78TT0
1	Cooler, Non-Insulated	366-92910	366-92909	366-92885	366-92908	366-94820
2	Head, Connection End	366-92894	366-92894	366-92894	366-92894	366-92894
3	Head, Back End	366-92896	366-92896	366-92896	366-92896	366-92896
4	Baffle, Pass, Connection End	366-92883	366-92883	366-92883	366-92883	366-92883
5	Baffle, Pass, Back End	066-92882	066-92882	066-92882	066-92882	366-92882
6	Gasket, Pass Baffle and Head	066-92899	066-92899	066-92899	066-92899	066-92899
7	Condenser (Includes Items 8-13)	366-92309	—	366-92310	—	366-94908
8	Head, Front	366-90688-001	—	366-90688-001	—	366-94907-001
9	Head, Back	366-92136-001	—	366-92136-001	—	366-92136-001
10	Tube-Condenser, Connection End No. of Tubes	007-07840 175	— —	007-07840 199	— —	007-07840 199
	Tube-Condenser, Back End No. of Tubes	007-07839 175	— —	007-07839 199	— —	007-07839 199
^s 11	Gasket, Head, Front	067-77469	—	067-77469	—	067-77469
^s 12	Gasket, Head, Center	067-77469	—	067-77469	—	067-77469
^s 13	Gasket, Head, Back	067-77468	—	067-77468	—	067-77468
^s 14	Valve, Relief (2/Unit)	022-08870	—	022-08870	—	022-08870
^s 15	Valve, Liquid Stop (2/Unit)	022-08739	022-08739	022-08739	022-08739	022-08740
^s 16	Dehydrator (2/Unit)	026-21055	026-21055	026-21055	026-21055	026-16960
^s 17	Cartridge – Dehydrator (No. Required Per)	026-18328 2	026-18328 2	026-18328 2	026-18328 2	026-18328 3
^s 18	Valve, Solenoid (2/Unit)	025-28376	025-28376	025-28376	025-28376	025-28375
^s 19A	Valve, Tx, Less Body (Alco)	025-16570	025-16570	025-25977	025-25977	—
^s 19B	Valve, Tx, Body (Alco)	025-16571	025-16571	025-16571	025-16571	—
20	Valve, Tx, (Compl. w/ Power Ass'y) (Sporlan)	—	—	—	—	025-26295
21	Moisture Indicator – Body Only Moisture Indicator – Cap Assembly	026-16957 026-16958	026-16957 026-16958	026-16957 026-16958	026-16957 026-16958	026-29812 026-16958
22	Pad, Isolator (Compressor Feet)	066-92335	066-92335	066-92335	066-92335	066-92335
23	Suppressor, Transient	See Page 3				
24	Cut-out, High Pressure (See Page 5)	025-28399	025-28725	025-28399	025-28725	025-28399

ITEM NO.	DESCRIPTION	YCRJ67T00 YCRJ78T00	YCWJ77VU0 YCWJ88VU0	YCRJ77V00 YCRJ88V00	YCWJ88XV0 YCWJ99XV0	YCRJ88X00 YCRJ99X00
1	Cooler, Non-Insulated	366-94822	366-93641	366-93641	366-93540	366-94140
2	Head, Connection End	366-92894	366-93649	366-93649	366-93550	366-93550
3	Head, Back End	366-92896	366-93651	366-93651	366-93552	366-93552
4	Baffle, Pass, Connection End	366-92883	366-93644	366-93644	366-93544	066-93544
5	Baffle, Pass, Back End	066-92882	066-93647	066-93647	066-93547	066-93547
6	Gasket, Pass Baffle and Head	066-92899	066-93653	066-93653	066-93554	066-93544
7	Condenser (Includes Items 8-13)	—	366-92765	—	366-92558	—
8	Head, Front	—	366-92586-001	—	366-92586-001	—
9	Head, Back	—	366-92590-001	—	366-92590-001	—
10	Tube-Condenser, Connection End No. of Tubes	— —	007-07844 216	— —	007-07844 248	— —
	Tube-Condenser, Back End No. of Tubes	— —	007-07844 216	— —	007-07844 248	— —
^s 11	Gasket, Head, Front	—	066-92591	—	066-92591	—
^s 12	Gasket, Head, Center	—	066-92591	—	066-92591	—
^s 13	Gasket, Head, Back	—	066-92592	—	066-92592	—
^s 14	Valve, Relief (2/Unit)	—	022-08870	—	022-08870	—
^s 15	Valve, Liquid Stop (2/Unit)	022-08740	022-08740	022-08740	022-08740	022-08740
^s 16	Dehydrator (2/Unit)	022-16960	026-16960	026-16960	026-16960	026-16960
^s 17	Cartridge – Dehydrator (No. Required Per)	026-18328 3	026-18328 3	026-18328 3	026-18328 3	026-18328 3
^s 18	Valve, Solenoid (2/Unit)	025-28375	025-28375	025-28375	025-28375	025-28375
^s 19A	Valve, Tx, Less Body (Alco)	—	—	—	—	—
^s 19B	Valve, Tx, Body (Alco)	—	—	—	—	—
20	Valve, Tx, (Compl. w/ Power Ass'y) (Sporlan)	025-26295	025-26295	025-26295	025-26964	025-26964
21	Moisture Indicator – Body Only Moisture Indicator – Cap Assembly	026-29812 026-16958	026-29812 026-16958	026-29812 026-16958	026-29812 026-16958	026-29812 026-16958
22	Pad, Isolator (Compressor Feet)	026-92335	026-92335	026-92335	026-92335	026-92335
23	Suppressor, Transient	See Page 3				
24	Cut-out, High Pressure (See Page 5)	025-28725	025-28399	025-28725	025-28399	025-28725

MOTOR TERMINAL BOX COMPONENTS

REPLACEMENT COMPONENTS FOR UNIT OPTIONS



ITEM NO.	DESCRIPTION	PART NO.
1	Module, Motor Protector	025-32838-000
2	Suppressor, Varistor	031-01117-000

NOTE: Part numbers are for replacement parts ONLY. Part numbers provided DO NOT reflect part numbers for complete kits. See Installation Operation Manual for complete kits.

Optional discharge transducer kit
471-01266-131

DESCRIPTION	VOLTAGE CODE	PART NO.
Control Transformer (IT) Option Transformer		6
	17	025-28644-001
	28	025-28644-002
	40	025-28644-003
	46	025-28644-002
	50 (380V)	025-28644-003
	50 (400V)	025-28644-003
	50 (415V)	025-28644-003
	58	025-28644-004
	64	Not Available
Fuse	12A	025-27972-000
	10A	025-27971-000
	6A	025-27970-000
	5A	025-27922-000
	6A	025-27970-000
	6A	025-27970-000
	6A	025-27970-000
	5A	025-17360-000
	-	-
Pump Control Kit/Relay Board Option Relay Output Board	ALL	031-01093-000
Discharge Pressure Readout Option Discharge Pressure Transducer	ALL	025-29139-001
Transducer Brass Adapter (Used with Transducer)	ALL	023-16272-000
Loadminder (Hot Gas Bypass) Option Hot Gas Regulator Valve	ALL	025-27647-000
Suppressor	ALL	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)	ALL	025-29917-001
Transformer (230VAC Primary)	ALL	025-29917-002
Multiple Unit Sequence Option Mixed Water Temp. Sensor	ALL	025-28935-000
180Ω Resistor	ALL	025-29900-000
BAS Interface Option Remote Reset Board	ALL	031-00814-000
Muffler, Discharge (YCR Only) (One required per system)	J45P00, J56P00, J56R00, J67R00	029-13498-000
	J67T00, J77V00, J78T00, J88V00, J88X00, J99X00	029-13499-000
Power Disconnect Switch (PDS)	250A	024-25565-000
	400A	024-25564-000
	600A	024-25563-000
	800A	024-25562-000
	1000A	024-25241-000



P.O. Box 1592, York, Pennsylvania USA 17405-1592
Copyright © by York International Corporation 1993
Form 150.24-RP26 (193)



Subject to change without notice. Printed in USA
ALL RIGHTS RESERVED
RPC 6M 193.40
CODES: ERR, SN1, RNP