



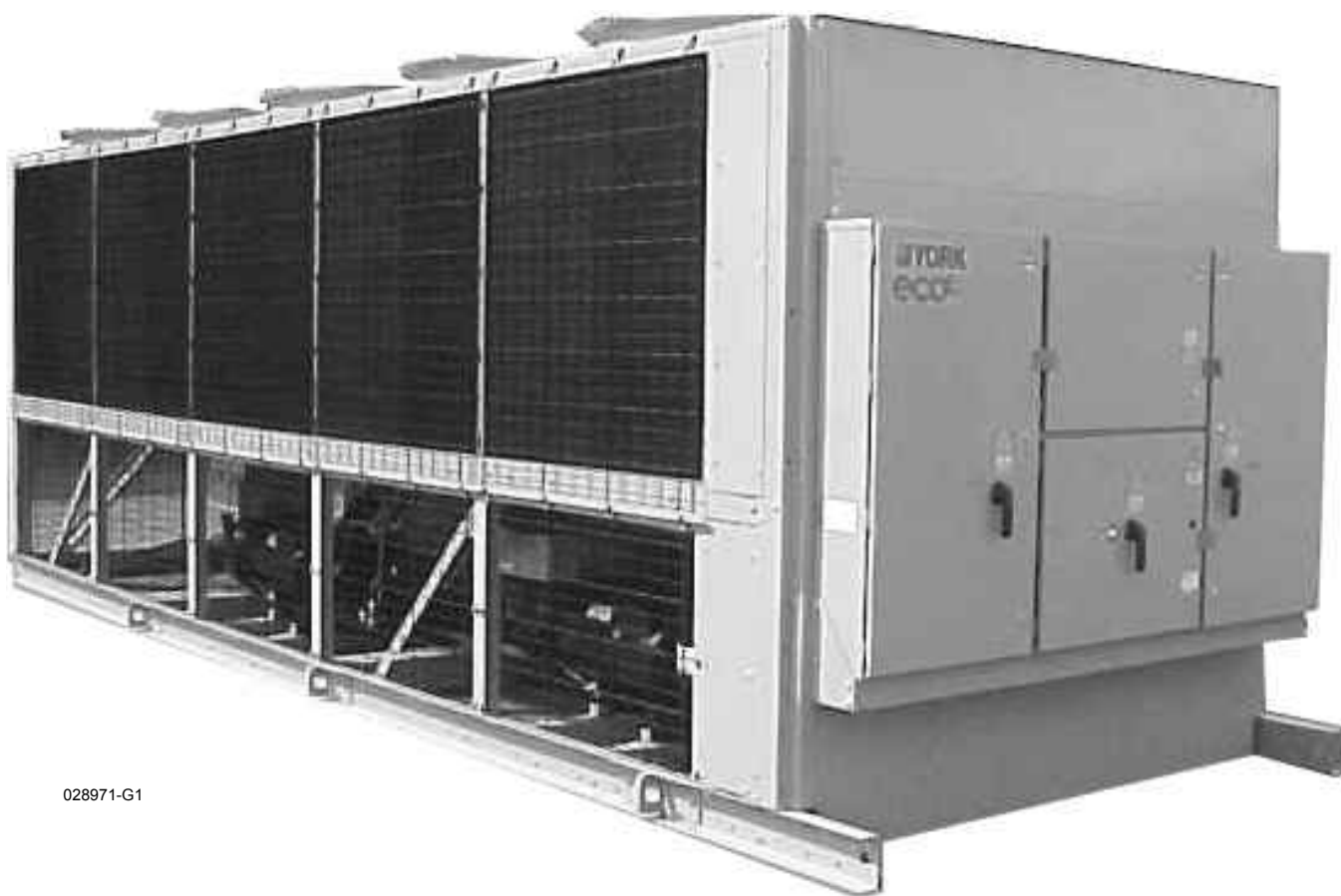
AIR-COOLED SCREW LIQUID CHILLERS

RENEWAL PARTS

New Release

Form: 201.19-RP6 (105)

MODELS YCAS0295, 0335, 0375, 0425, 0475, 0515, 0555, 0575 and YCAS0605 STYLE "G"



028971-G1



124 - 212 TON
270 - 457Kw
R-407C
50 Hz



380/415-3-50
MODELS ONLY

CHANGEABILITY OF THIS DOCUMENT

In complying with YORK's policy for continuous improvement, the information contained in this document is subjected to change without notice. While YORK makes no commitment to update or provide current information automatically to the manual user, that information, if applicable, can be obtained by contacting the nearest YORK Engineered Systems Service office.

It is the responsibility of operating/service personnel as to the applicability of these documents to the equipment in question. If there is any question in the mind of operating/ service personnel as to the applicability of these documents, then, prior to working on the equipment, they should verify with the owner, whether the equipment has been modified and if the current literature is available.

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 equipment and is (are) familiar with its potential hazards.

Shut off power supply to the equipment before beginning work and follow lockout procedures. When working inside equipment with power off, take 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.

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UNIT NOMENCLATURE NAMEPLATE ENGINEERING DATA

BASIC PART NUMBER

YCAS0475EC40XGA

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
BASE PRODUCT TYPE				NOMINAL CAPACITY				UNIT DESIGNATOR		REFRIGERANT		VOLTAGE/STARTER		DESIGN/DEVELOPMENT LEVEL	
Y	C	A	S	#	#	#	#	S	C	5	0	X	G	A	
: YORK				Tons/Kw				Standard		:R-22		:380-415/3/50		:Design Series G	
: Chiller				0295				E High Efficiency		:R-407C				:	
: Air Cooled				0335				G High Ambient				Y		:Engineering	
S: Screw				0375										Change	
				0425										or PIN Level	
				0475											
				0515											
				0555											
				0575											
				0605											

PART NUMBER – LETTER CODES

16 17 18 19			20 21 22 23 24 25 26 27 28								29 30 31 32 33 34 35 36 37																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
POWER FIELD			CONTROLS FIELD								COMPRESSOR / PIPING FIELD																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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38 39 40 41 42 43 44	EVAP. FIELD					
X						:150# PSI DWP
3						:300# PSI DWP
	D					:Double Thick Insulation
		W				:Weld Flange
		V				:Victaulic Flange
			S			:Flow Switch
			D			:Diff. Press. Switch
				A		:ASME Pressure Vessel and Associated Codes
					R	:Remote Cooler

45 46 47	CONDENSER FIELD			
X				: Aluminum
C				: Copper
B				: Black Fin
P				: Phenolic
		X		: TEAO Fan Motors

48 49 50 51 52 53 54	CABINET FIELD					
X						: Wire Condenser Headers Only (factory)
1						: Wire (Full Unit) Enc. Panels (factory)
3						: Wire/Louvered Enc. Panels (factory)
5						: Louvered (Cond. Only) Enc. Panels (factory)
7						: Louvered (Full Unit) Enc. Panels (factory)
	B					: Acoustic Sound Blanket
						: Low Sound Fans
				L		: High Static Fans
					1	: 1" Deflection
					S	: Seismic
					N	: Neoprene Pads

55	56	61
EXTENDED FIELD WARRANTY	REFRIGERANT WARRANTY	PLANT OF MANUFACTURE
X : 1st Year Parts Only B : 1st Year Parts & Labor C : 2nd Year Parts Only D : 2nd Year Parts & Labor E : 5 Year Compressor Parts Only F : 5 Year Compressor Parts & Labor Only G : 5 Year Units Parts Only H : 5 Year Unit Parts & Labor	X : No Refrigerant Warranty 1 : 1 Year Refrigerant 2 : 2 Year Refrigerant 5 : 5 Year Refrigerant	R : Monterrey
	NOTES: 1. Q :DENOTES SPECIAL / S.Q. 2. # :DENOTES STANDARD	

NOTES:

1. Q :DENOTES SPECIAL / S.Q.
2. # :DENOTES STANDARD
3. X :w/in OPTIONS FIELD, DENOTES NO OPTION SELECTED
4. Agency Files (i.e. U.L. / ETL; CE; ARI; ETC.) will contain info. based on the first 14 characters only.
5. Plant of manufacture to include PIN 61 upon entering the chiller order.

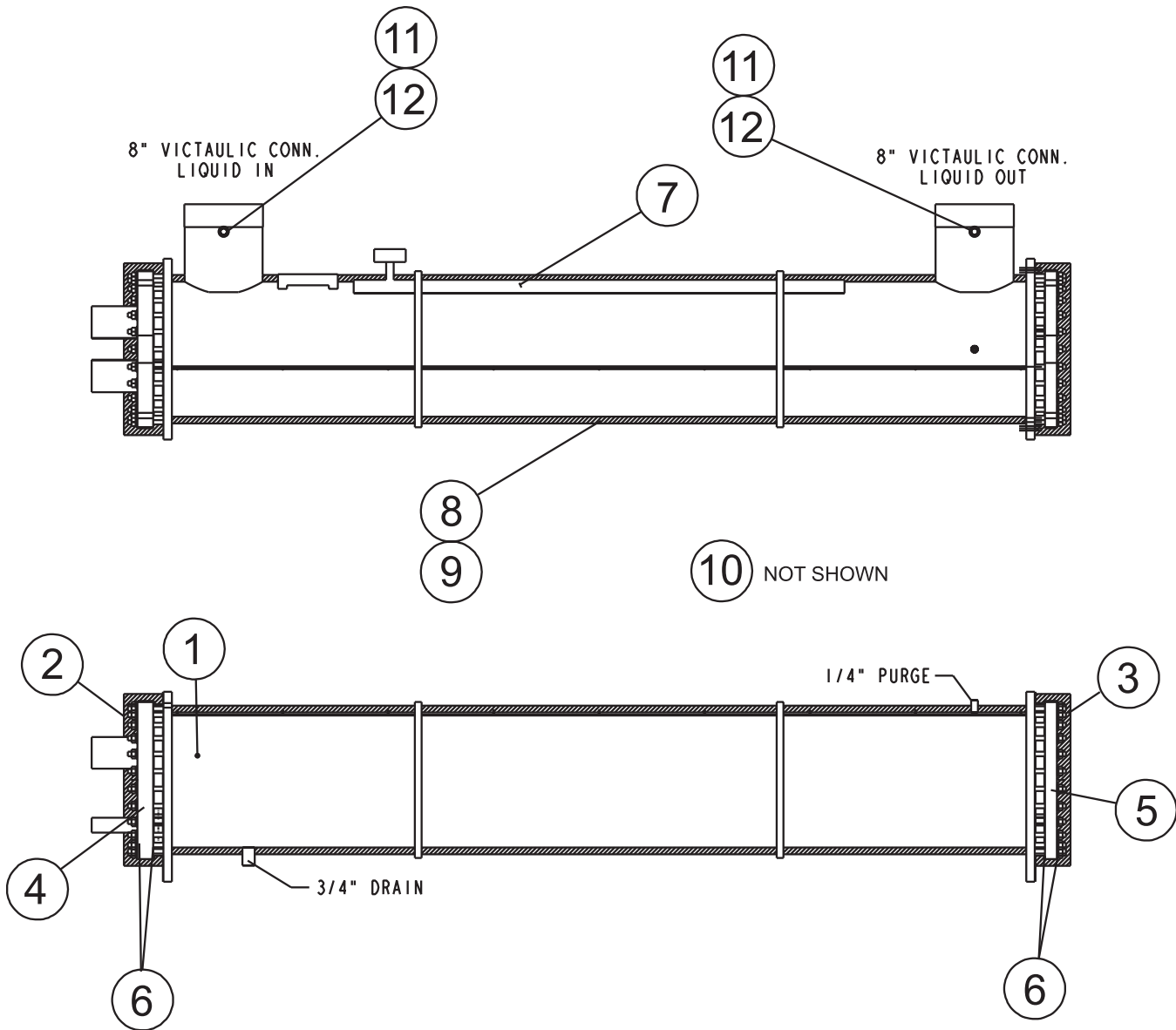
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EVAPORATOR COMPONENTS

Service Note:

Pin location 38 in Model Number will be "X" for 150# DWP Cooler .

Pin location 38 in Model Number will be "3" for 300# DWP Cooler



Service Note:

Standard 150# DWP Cooler Flow Switch - 024-26116-000

Optional 300# DWP Cooler Flow Switch - 024-12144-000

Differential Pressure Switch - 025-30919-000

FIG. 1 – EVAPORATOR COMPONENTS (REF. TABLES 1 AND 1A, PAGE 7)

EVAPORATOR COMPONENTS (CONT'D)

TABLE 1 – EVAPORATOR COMPONENTS - 150 PSIG (SEE FIG. 1, PAGE 6)

ITEM NUMBER	QTY PER UNIT	DESCRIPTION	DWP	UNIT MODELS YCAS0295 THRU YCAS0375 375-36068-001	UNIT MODELS YCAS0425 THRU YCAS0605 375-35793-001
1	1	Evaporator, less Heater & Insulation	ALL	375-44237-000	375-44293-000
2	1	Head, Connection End	ALL	375-44238-000	375-45110-000
3	1	Head, Back End	ALL	375-46959-000	375-45112-000
4	1	Baffle, Connection End	ALL	375-46957-000	375-45101-000
5	1	Baffle, Back End	ALL	375-46955-000	075-45104-000
6	4	Gasket, Baffle and Head	ALL	075-49385-000	075-49375-000
7	1	Heater, Cooler 180 Watt	ALL	025-22690-000	025-22691-000
	1	Heater, Cooler 280 Watt		025-22691-000	
8	-	Insulation (3/4"x49"x65")	ALL	010-05997-000	010-05997-000
9	-	Insulation (1 1/2"x49"x65")		010-05998-000	010-05998-000
10	1 qt.	Adhesive (Use with #6)	ALL	013-03311-000	
11	2	Sensor, Water Temperature	ALL	025-29964-000	025-29964-000
12	2	Well, Thermo	ALL	026-32328-000	026-33627-000

TABLE 1A – EVAPORATOR COMPONENTS - 300 PSIG (SEE FIG. 1, PAGE 6)

ITEM NUMBER	QTY PER UNIT	DESCRIPTION	DWP	UNIT MODELS YCAS0295 THRU YCAS0375 375-52431-001	UNIT MODELS YCAS0425 THRU YCAS0605 375-41438-001
1	1	Evaporator, less Heater & Insulation	ALL	375-52432-000	375-41439-000
2	1	Head, Connection End	ALL	375-44238-000	375-45110-000
3	1	Head, Back End	ALL	375-46959-000	375-45112-000
4	1	Baffle, Connection End	ALL	375-46957-000	375-45101-000
5	1	Baffle, Back End	ALL	375-46955-000	075-45104-000
6	4	Gasket, Baffle and Head	ALL	075-52319-000	075-49375-000
7	1	Heater, Cooler 180 Watt	ALL	025-22690-000	025-22691-000
	1	Heater, Cooler 280 Watt		025-22691-000	
8	-	Insulation (3/4"x49"x65")	ALL	010-05997-000	010-05997-000
9	-	Insulation (1 1/2"x49"x65")		010-05998-000	010-05998-000
10	1 qt.	Adhesive (Use with #6)	ALL	013-03311-000	
11	2	Sensor, Water Temperature	ALL	025-29964-000	025-29964-000
12	2	Well, Thermo	ALL	026-32328-000	026-33627-000

CONDENSER COIL COMPONENTS

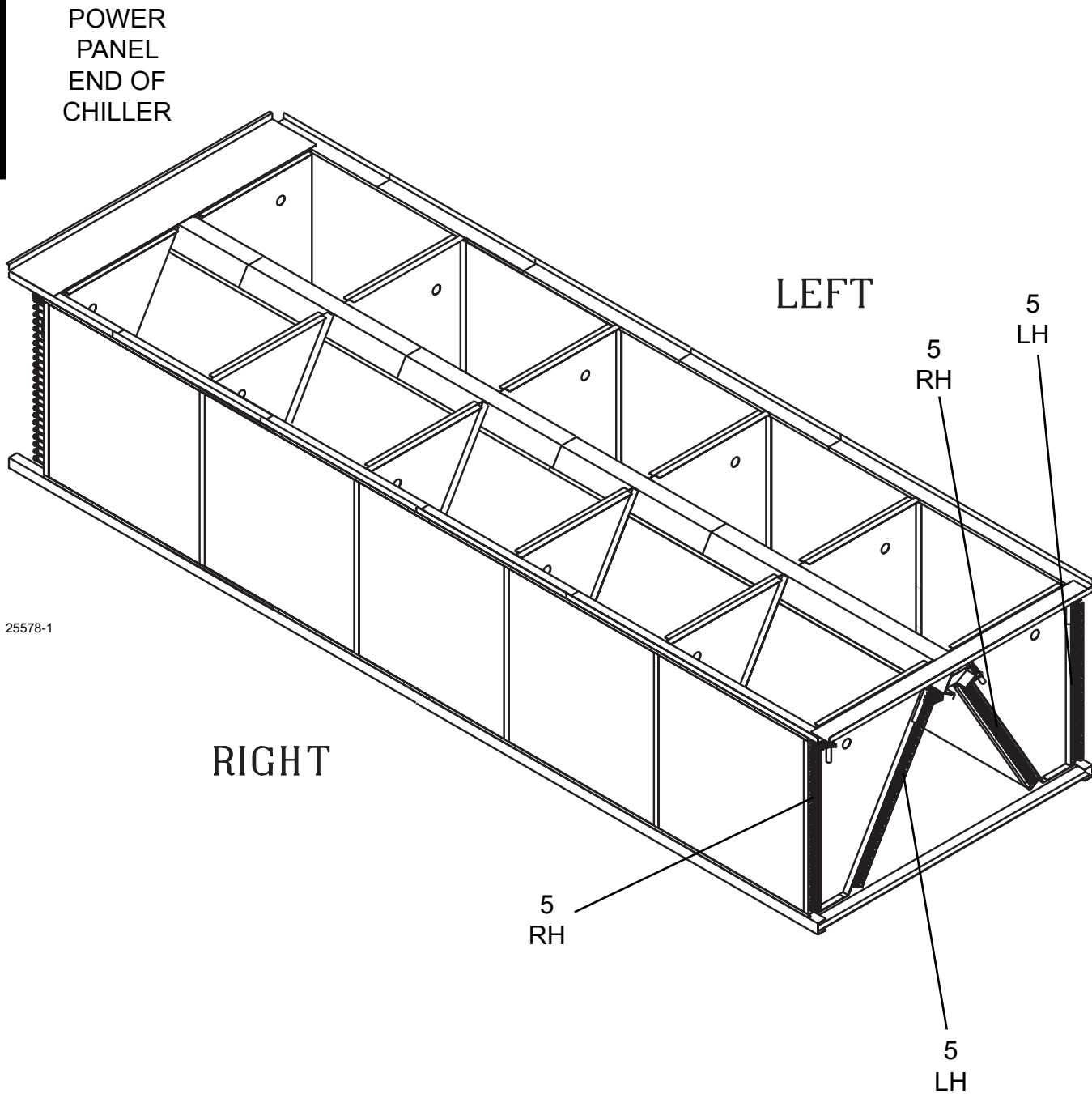


FIG. 2 – CONDENSER COIL COMPONENTS - YCAS0605 SHOWN (REF. TABLE 2, PAGE 9)

CONDENSER COIL COMPONENTS (CONT'D)

TABLE 2 – CONDENSER COIL COMPONENTS (SEE FIG. 2, PAGE 8)

ITEM NUMBER	DESCRIPTION	POSITION	QTY	MODELS YCAS0295-0375 12' COILS	MODELS YCAS0425-0575 16' COILS	MODELS YCAS0605 20' COILS
ALUMINUM FIN COILS						
5	Coil Assembly*	RH	2	375-27435-001	375-29501-001	375-25578-001
		LH	2	375-27435-001	375-29501-002	375-25578-002
BLACK FIN COILS						
5	Coil Assembly*	RH	2	375-23772-001	375-23770-001	375-23771-001
		LH	2	375-23772-002	375-23770-002	375-23771-002
PHENOLIC COILS						
5	Coil Assembly*	RH	2	375-29011-001	375-29010-001	375-29009-001
		LH	2	375-29011-002	375-29010-002	375-29009-002
COPPER COILS						
5	Coil Assembly*	RH	2	375-23778-001	375-23776-001	375-23777-001
		LH	2	375-23778-002	375-23776-002	375-23777-002

***Note:** Coil Assembly includes coil and headers.

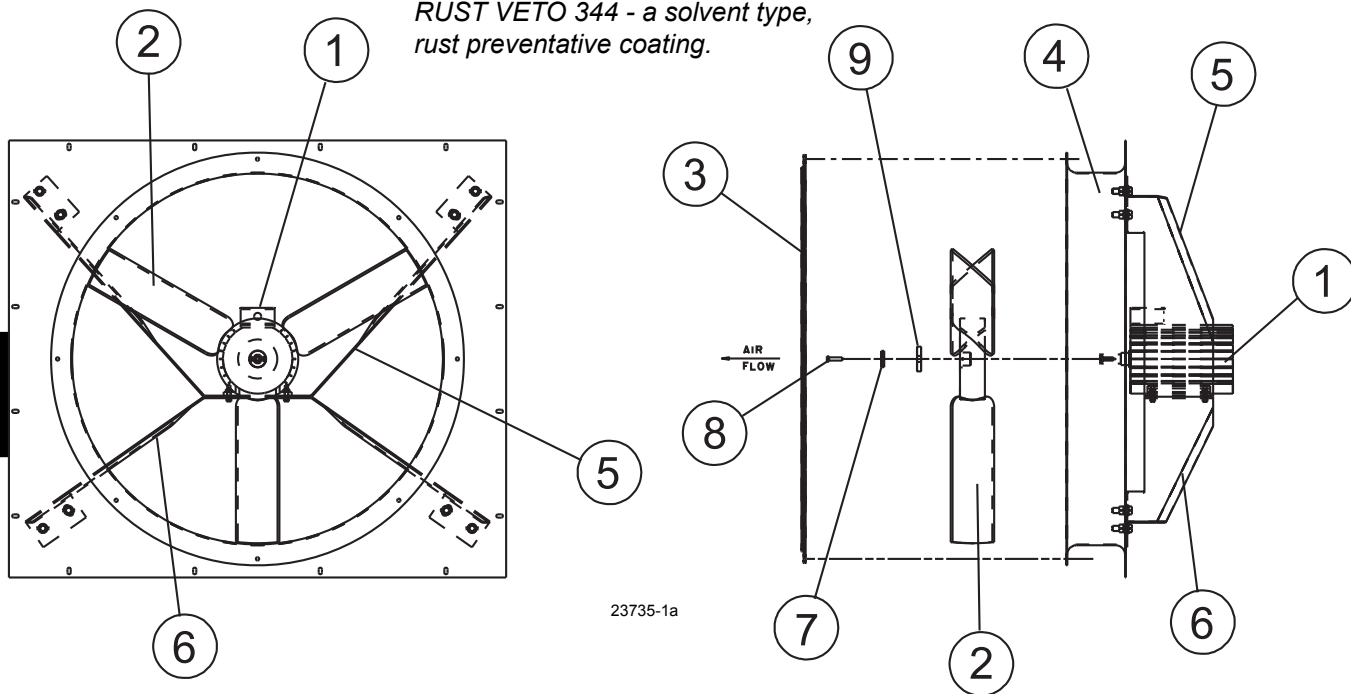
***Note:** Coils for each circuit are denoted left and right as viewed from the power panel end of chiller.

Condenser

FAN COMPONENTS

Service Note:

Fan Hub to Shaft Joint should be sealed with protective coating - use RUST VETO 344 - a solvent type, rust preventative coating.



Service Note: Pin Location 52 in Model Number will be "X" for Standard Fan, or "L" for Low Noise Fan. See page 4.

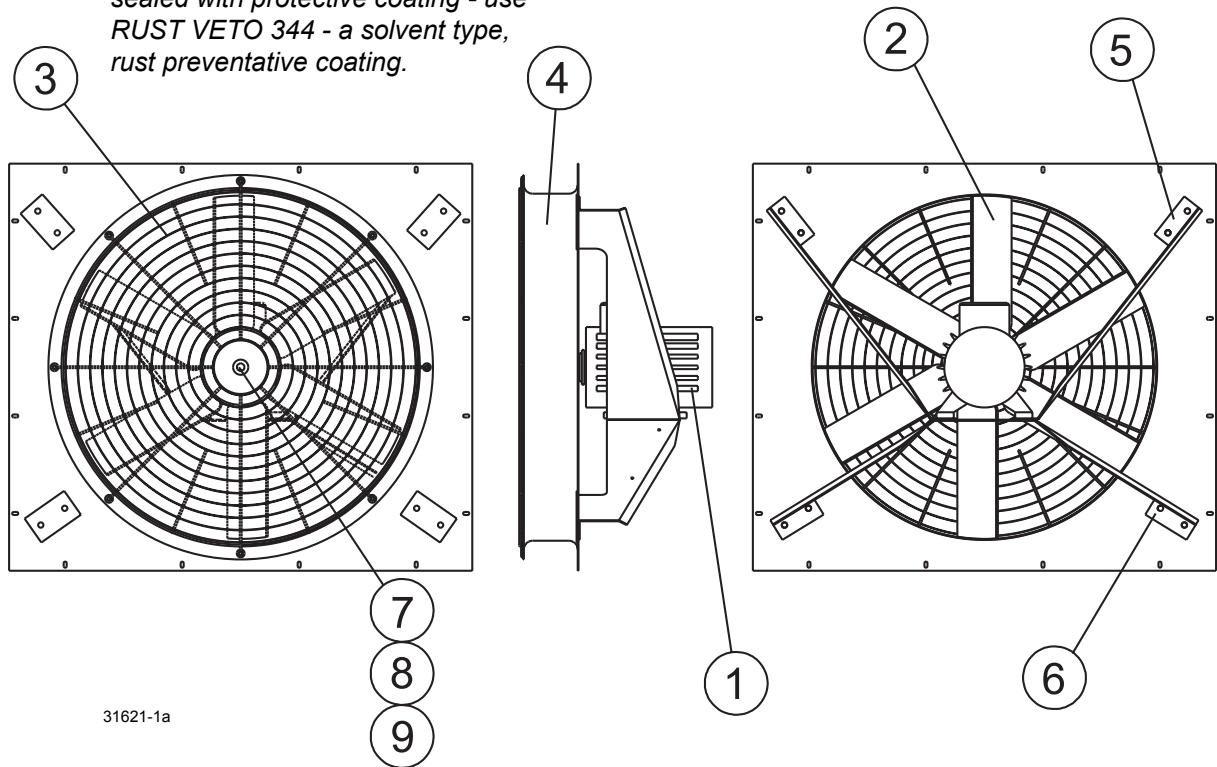
FIG. 3 – FAN COMPONENTS
TABLE 3 – FAN COMPONENTS

ITEM NUMBER	DESCRIPTION	VOLTAGE CODE	FAN TYPE	
			STANDARD 7/8", 1160 RPM	LOW NOISE 7/8", 850 RPM
1 ^s	Motor, Fan 2 HP (YCAS0295-YCAS0605)	-50	024-30900-001	024-30933-001
2 ^s	Blade	All	026-41599-000	026-41601-000
3	Guard	All	026-35605-001	026-35605-002
4	Orifice	All	026-36141-000	
5	Support, Inner	All	075-46054-000	075-25584-000
6	Support, Outer	All	075-46053-000	075-25583-000
7	Spacer (.375 I.D.)	All	075-29007-000	
8	Screw, Cap (M8x125)	All	021-18494-000	
9	Spacer (1.406 I.D.)	All	075-40484-000	

^s = Recommended Spare Parts

FAN COMPONENTS

Service Note:
Fan Hub to Shaft Joint should be sealed with protective coating - use RUST VETO 344 - a solvent type, rust preventative coating.



31621-1a

FIG. 3a – FAN COMPONENTS

Service Note: Pin Location 52 in Model Number will be “H” for High Static Fan. See page 4.

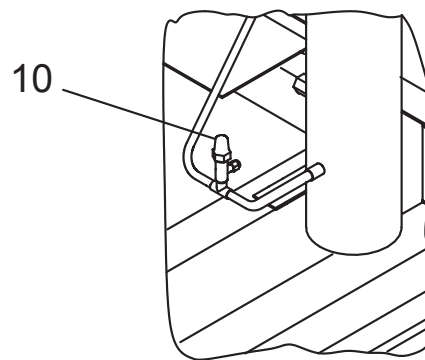
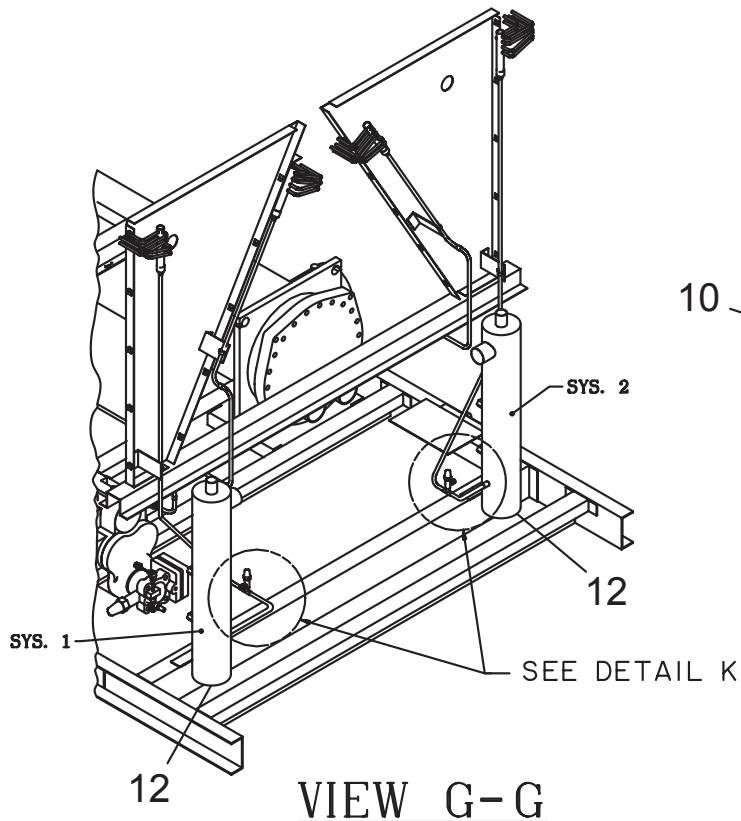
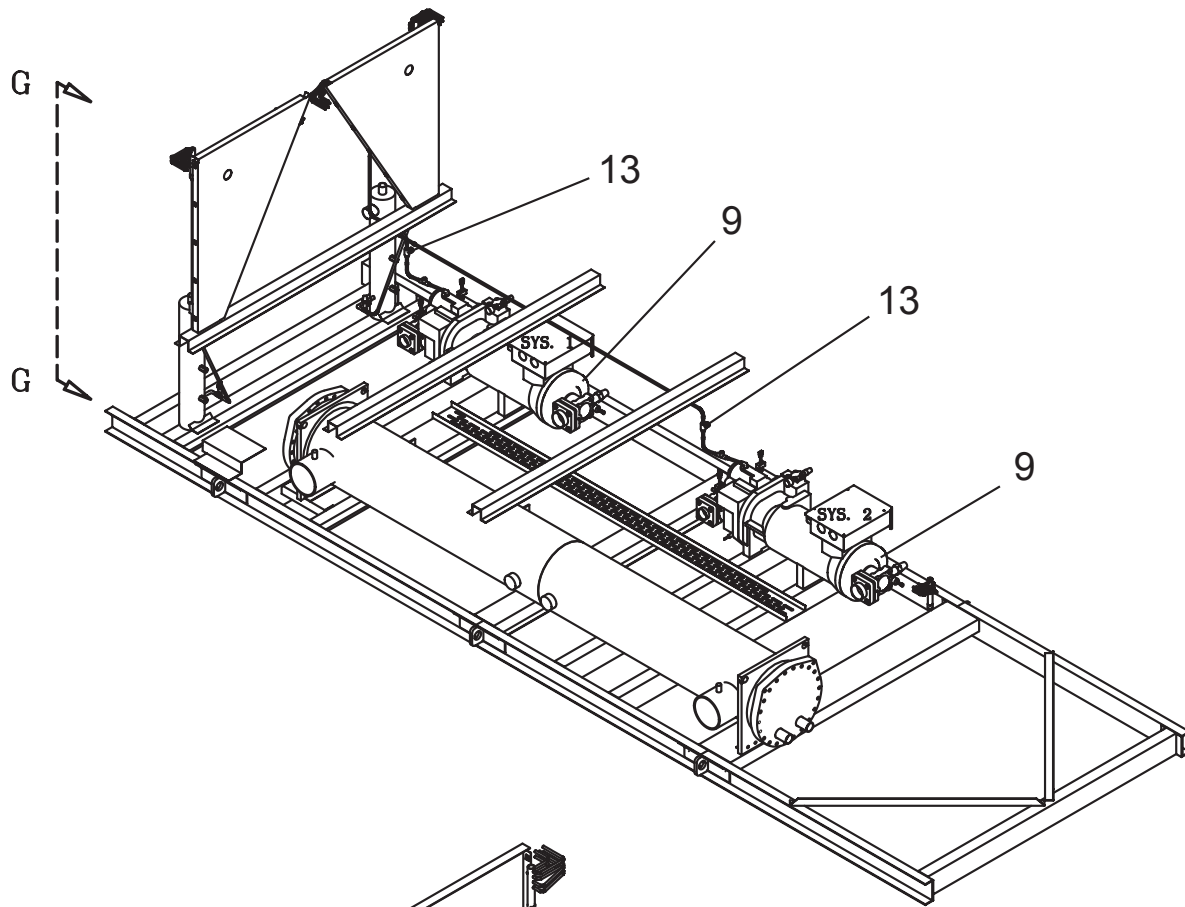
TABLE 3a – FAN COMPONENTS

ITEM NUMBER	DESCRIPTION	VOLTAGE CODE	FAN TYPE
			HIGH STATIC 7/8", 1160 RPM
1 ^S	Motor, Fan 5 HP (YCAS0295-YCAS0605)	-50	024-24604-001
2 ^S	Blade	All	026-41602-000
3	Guard	All	026-35605-001
4	Orifice	All	026-36141-000
5	Support, Upper Right	All	075-31614-000
	Support, Upper Left		075-31615-000
6	Support, Lower	All	075-31616-000
7	Spacer (.531 I.D.)	All	075-29007-001
8	Screw, Cap (M8x125)	All	021-18019-000
9	Spacer (1.406 I.D.)	All	075-40486-000

^S = Recommended Spare Parts

REFRIGERANT PIPING COMPONENTS

CHILLER MODEL YCAS

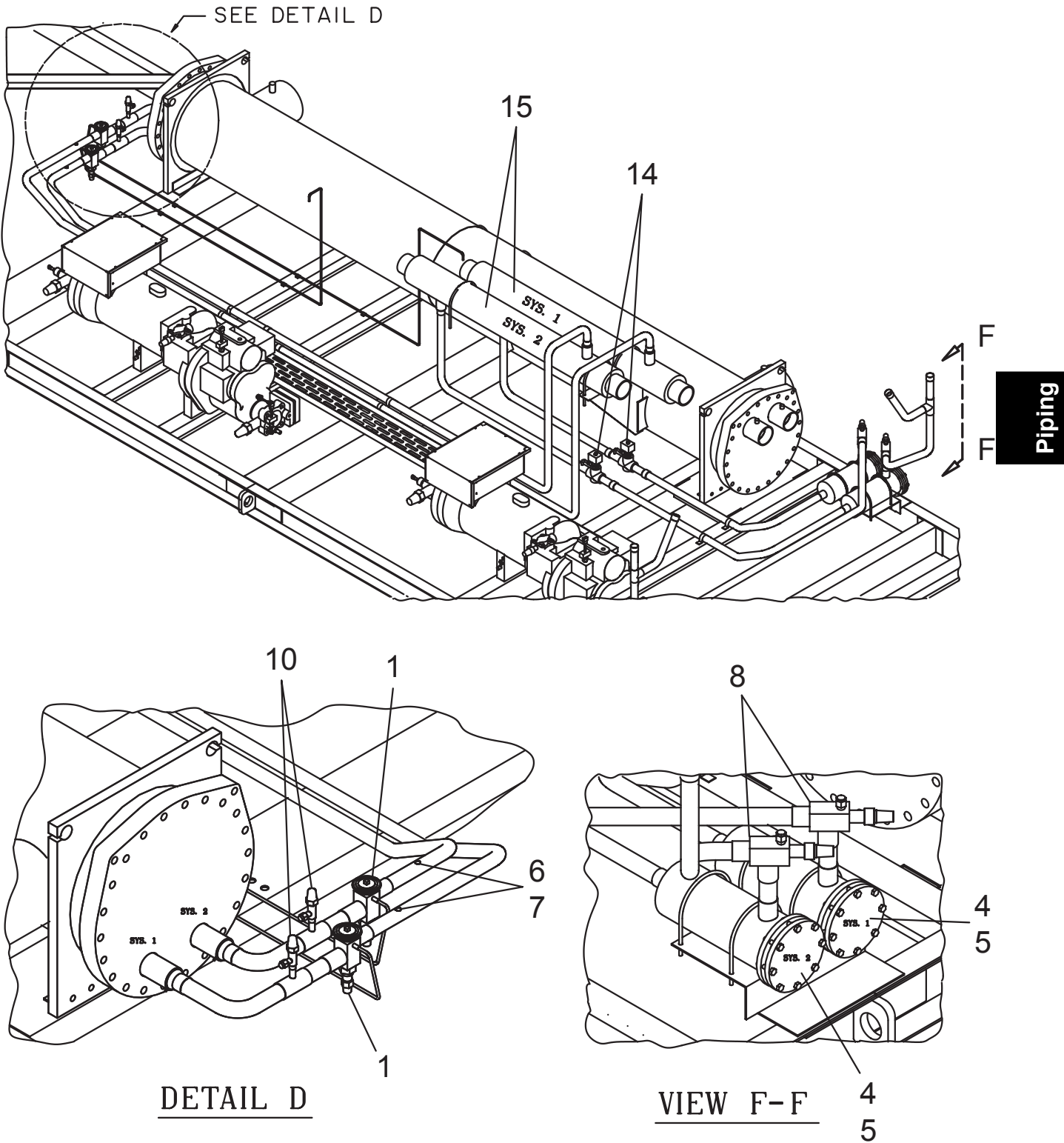


DETAIL K

47954-003a

FIG. 4 – REFRIGERANT PIPING COMPONENTS - MODEL YCAS0575 SHOWN
(REF. TABLE 4, PAGES 14 AND 15)

REFRIGERANT PIPING COMPONENTS (CONT'D)
CHILLER MODEL YCAS



47954-002a

FIG. 4a – REFRIGERANT PIPING COMPONENTS (REF. TABLE 4, PAGES 14 AND 15)

REFRIGERANT PIPING COMPONENTS (CONT'D)

CHILLER MODEL YCAS

TABLE 4 – REFRIGERANT PIPING COMPONENTS (SEE FIGS. 4 AND 4A, PAGES 12 AND 13)

ITEM NO.	QTY PER UNIT	DESCRIPTION	YCAS0295 375-47939-000	YCAS0335 375-47948-000	YCAS0375 375-47949-000
1^S	1	Valve, Thermal Expansion (System 1)	025-34558-020	025-34558-020	025-34558-020
	1	Valve, Thermal Expansion (System 2)	025-34558-010	025-34558-010	025-34558-010
4	2	Dehydrator, Body (Replacable Core)	026-21055-000	026-21055-000	026-21055-000
5^S	4	Core, Dehydrator	026-37540-000	026-37540-000	026-37540-000
6	1	Moisture Indicator, Body (System 1)	026-32397-000	026-32398-000	026-32398-000
	1	Moisture Indicator, Body (System 2)		026-32397-000	
7	2	Moisture Indicator, Sight Glass Cap	026-32800-000	026-32800-000	026-32800-000
8	2	Valve, Liquid Stop	022-09778-000	022-09778-000	022-09778-000
9	2	Compressor	See page 19		
10	4	Valve, Charging	022-09754-000	022-09754-000	022-09754-000
12	1	Oil Separator (System 1)	075-56108-002		
	1	Oil Separator (System 2)	075-56108-001		
13	2	Valve, Ball (Oil Line)	022-09172-000	022-09172-000	022-09172-000
14	1	Valve, Solenoid (System 1)	025-33705-000	025-33704-000	025-33704-000
	1	Valve, Solenoid (System 2)		025-33705-000	
15	1	Heat Exchanger (System 1)	375-32135-000	375-32135-000	375-32135-000
	1	Heat Exchanger (System 2)			

^S = Recommended Spare Parts

ITEM NO.	QTY PER UNIT	DESCRIPTION	YCAS0425 375-47950-000	YCAS0475 375-47950-001	YCAS0515 375-47950-002
1^S	1	Valve, Thermal Expansion (System 1)	025-34558-020	025-34560-020	025-34560-020
	1	Valve, Thermal Expansion (System 2)	025-34558-010	025-34558-010	025-34560-010
4	2	Dehydrator, Body (Replacable Core)	026-21055-000	026-21055-000	026-21055-000
5^S	4	Core, Dehydrator	026-37540-000	026-37540-000	026-37540-000
6	1	Moisture Indicator, Body (System 1)	026-32398-000	026-32398-000	026-32398-000
	1	Moisture Indicator, Body (System 2)			
7	2	Moisture Indicator, Sight Glass Cap	026-32800-000	026-32800-000	026-32800-000
8	2	Valve, Liquid Stop	022-09778-000	022-09778-000	022-09778-000
9	2	Compressor	See page 19		
10	4	Valve, Charging	022-09754-000	022-09754-000	022-09754-000
12	1	Oil Separator (System 1)	075-56108-002		
	1	Oil Separator (System 2)	075-56108-001		
13	2	Valve, Ball (Oil Line)	022-09172-000	022-09172-000	022-09172-000
14	1	Valve, Solenoid (System 1)	025-33704-000	025-33704-000	025-33704-000
	1	Valve, Solenoid (System 2)			
15	1	Heat Exchanger (System 1)	375-32135-000	375-32135-000	375-32135-000
	1	Heat Exchanger (System 2)			

^S = Recommended Spare Parts

REFRIGERANT PIPING COMPONENTS (CONT'D)

CHILLER MODEL YCAS

TABLE 4 (CONT'D) – REFRIGERANT PIPING COMPONENTS
(SEE FIGS. 4 AND 4A, PAGES 12 AND 13)

ITEM NO.	QTY PER UNIT	DESCRIPTION	YCAS0555 375-47950-003	YCAS0575 375-47950-004	YCAS0605 375-47954-000
1 ^S	1	Valve, Thermal Expansion (System 1)	025-34559-020	025-34559-020	025-34559-020
	1	Valve, Thermal Expansion (System 2)	025-34560-010	025-34559-010	025-34559-010
4	1	Dehydrator, Body (Replacable Core)	026-21055-000	026-21055-000	026-21055-000
	1	Dehydrator, Body (Replacable Core)			
5 ^S	4	Core, Dehydrator	026-37540-000	026-37540-000	026-37540-000
6	1	Moisture Indicator, Body (System 1)	026-32398-000	026-32398-000	026-32398-000
	1	Moisture Indicator, Body (System 2)			
7	2	Moisture Indicator, Sight Glass Cap	026-32800-000	026-32800-000	026-32800-000
8	1	Valve, Liquid Stop (System 1)	022-09778-000	022-09778-000	022-09778-000
	1	Valve, Liquid Stop (System 2)			
9	2	Compressor	See page 19		
10	4	Valve, Charging	022-09754-000	022-09754-000	022-09754-000
12	1	Oil Separator (System 1)	075-56108-002		
	1	Oil Separator (System 2)	075-56108-001		
13	2	Valve, Ball (Oil Line)	022-09172-000	022-09172-000	022-09172-000
14	1	Valve, Solenoid (System 1)	025-33704-000	025-33704-000	025-33704-000
	1	Valve, Solenoid (System 2)			
15	1	Heat Exchanger (System 1)	375-32135-000	375-32135-000	375-32135-000
	1	Heat Exchanger (System 2)			

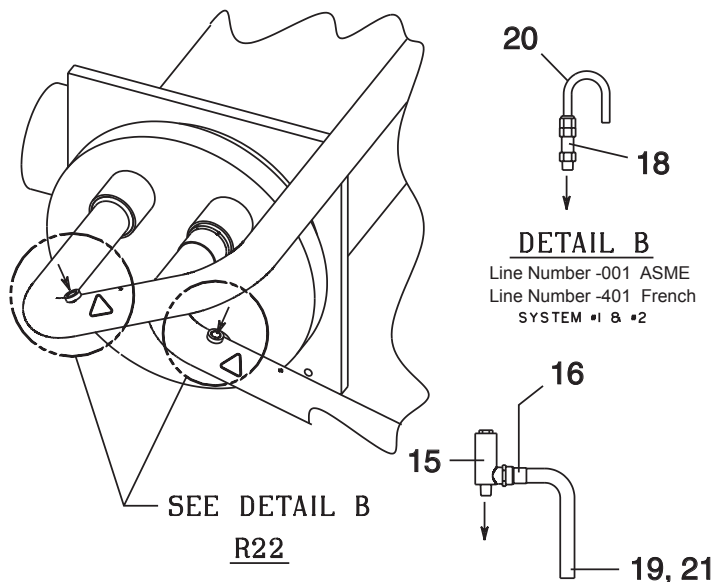
^S = Recommended Spare Parts

TABLE 4A – HOT GAS BY-PASS SOLENOID VALVE (025-34133-000) COIL REPLACEMENT

MODEL NUMBERS	VENDOR	DESCRIPTION	PART NUMBER
ALL	SPORLAN	COIL ONLY, SOLENOID VALVE	025-35151-000
	ALCO		025-35152-000
	DANFOSS		025-35169-000

RELIEF VALVES AND CUTOUT SWITCHES

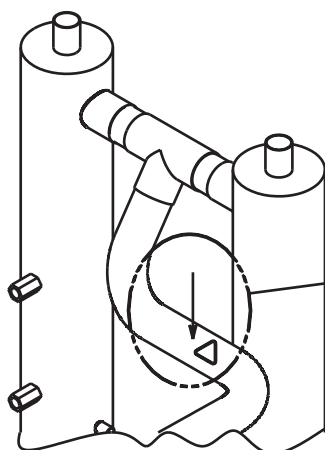
CHILLER MODEL YCAS



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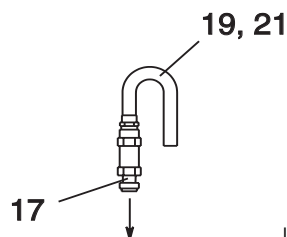
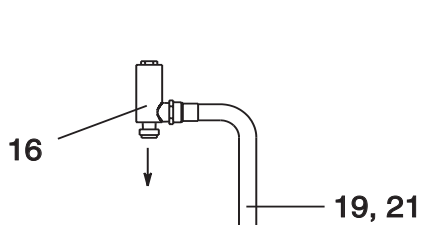
DETAIL B
Line Number -901 German
SYSTEM #1 & #2

LD05270



SYSTEM 2

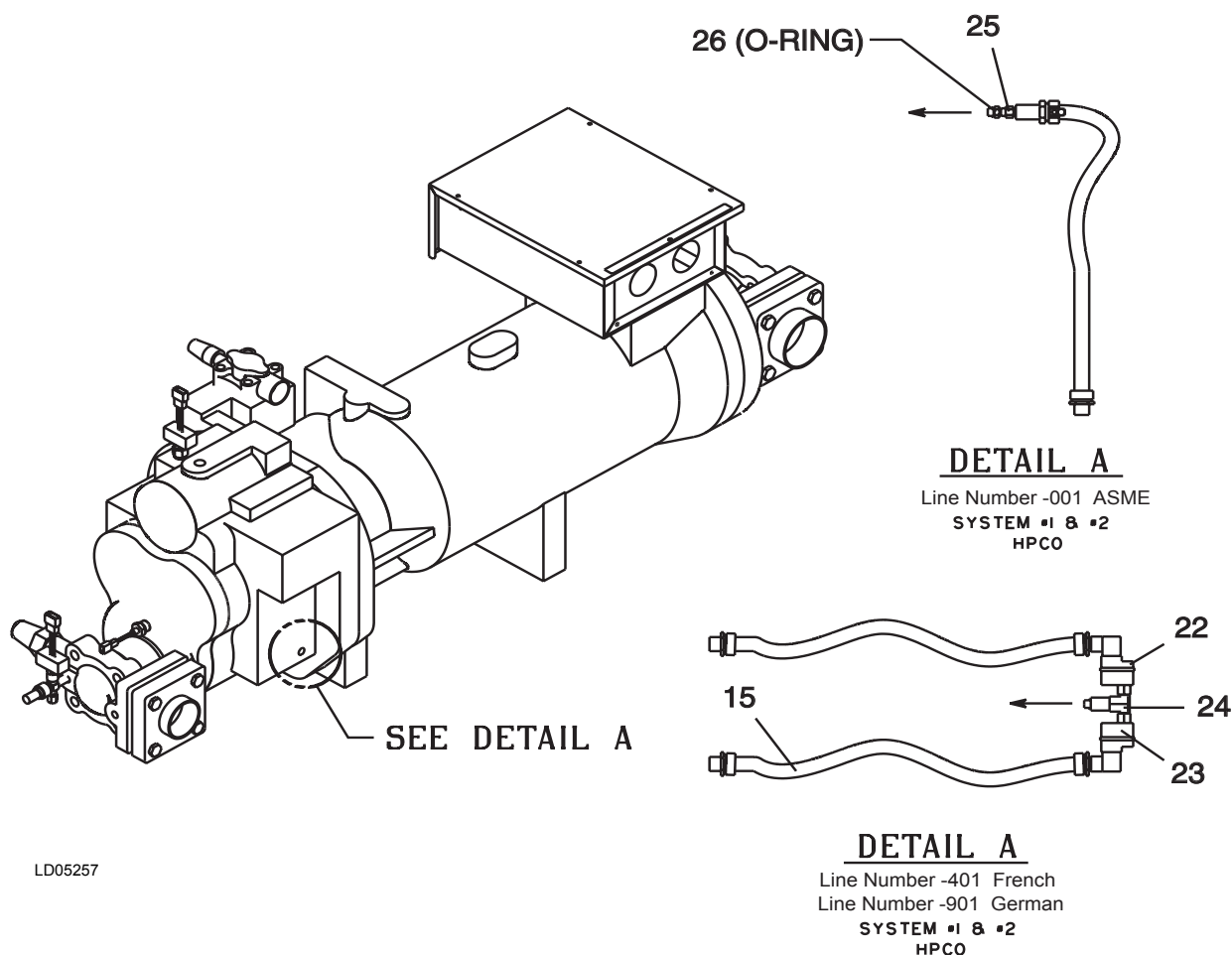
SEE DETAIL C



LD05271

FIG. 5 – RELIEF VALVES AND CUTOUT SWITCHES (REF. TABLE 5, PAGE 17)

RELIEF VALVES AND CUTOUT SWITCHES (CONT'D)



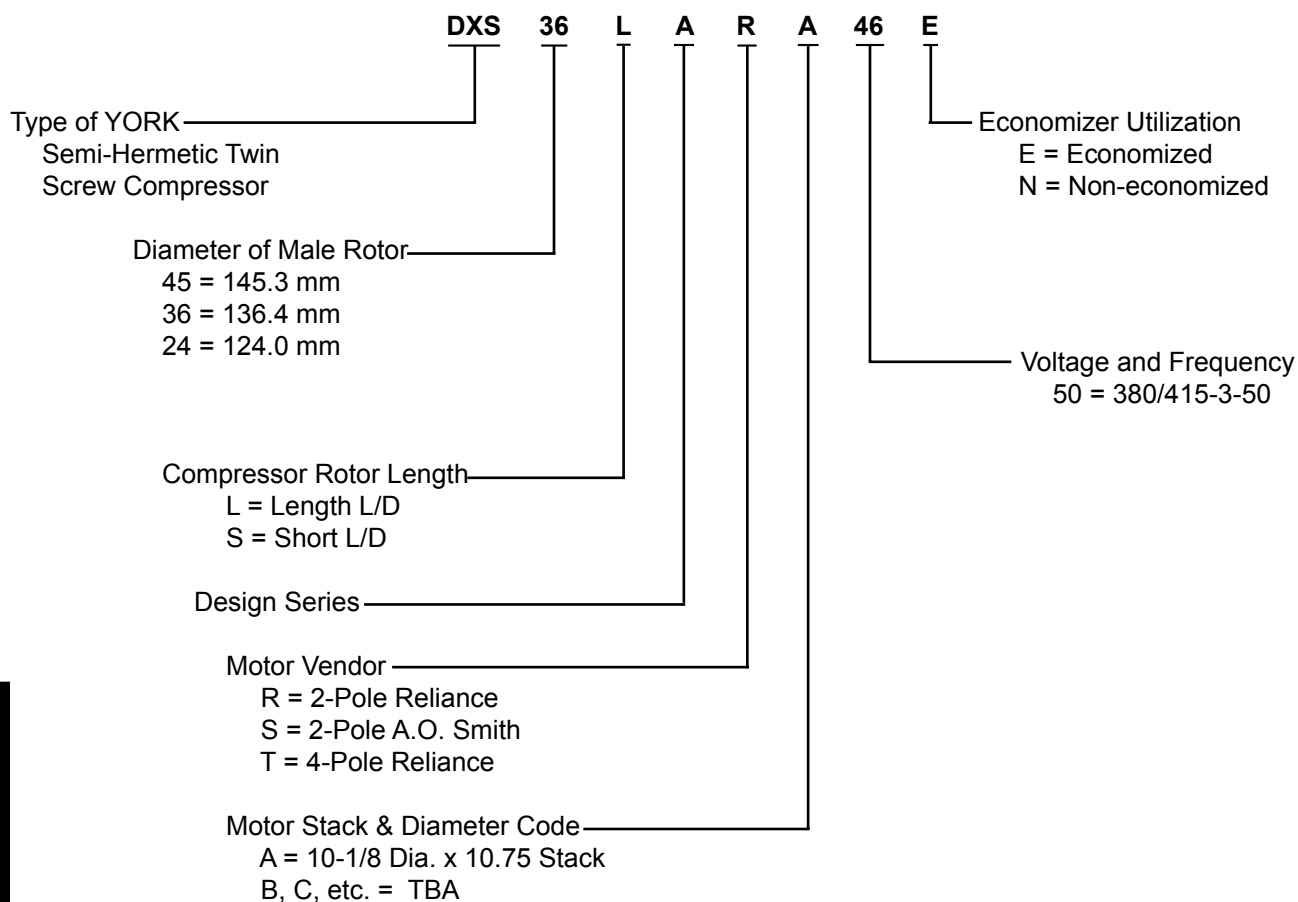
Piping

FIG. 5a – RELIEF VALVES AND CUTOUT SWITCHES (REF. TABLE 5, PAGE 17)

TABLE 5 – RELIEF VALVES AND CUTOUT SWITCHES (SEE FIGS. 5 AND 5A, PAGES 16 & 17)

ITEM NO.	QTY PER UNIT	DESCRIPTION	SYSTEM	ALL MODELS
15	2	Low Side Relief, Angle V-21 Bar	Both	022-09793-000
16	2	High Side Relief, Angle V-31 Bar	Both	022-09794-000
17	2	High Side Relief, Straight Thru 405 psig	Both	022-08863-000
18	2	Low Side Relief, Straight Thru 300 psig	Both	022-10045-000
19	2	Tube for 15,16 & 17	Both	075-30993-000
20	2	Tube for 18	Both	375-30919-000
21	2	Adapter for 15,16 & 17	Both	023-00124-000
22	2	High Press Sw, Man Reset 27.9 Bar	Both	025-34119-000
23	2	High Press Sw, Man Reset 27.2 Bar	Both	025-34120-000
24	2	Tee for 22 & 23	Both	023-00972-000
25	2	High Press Sw, Auto Reset 405 psig	Both	025-30840-000
26	2	O-ring, 3-904	Both	028-13540-000

COMPRESSOR MODEL NOMENCLATURE



Compressor

COMPRESSOR WEIGHTS		
MM SIZE	WEIGHT (LBS.)*	WEIGHT (Kg.)
145	1310	594
136	1250	567
124	1175	533
112	760	345

***Note:** Less Service Valves.

Service Note:

Compressor Isolator Pad Kit
(Reduces sound and vibration)
475-37845-000 one kit per compressor.

Service Note:

Compressor feet hold-down bolts, tightened
from the underside of the frame rails must
be removed.

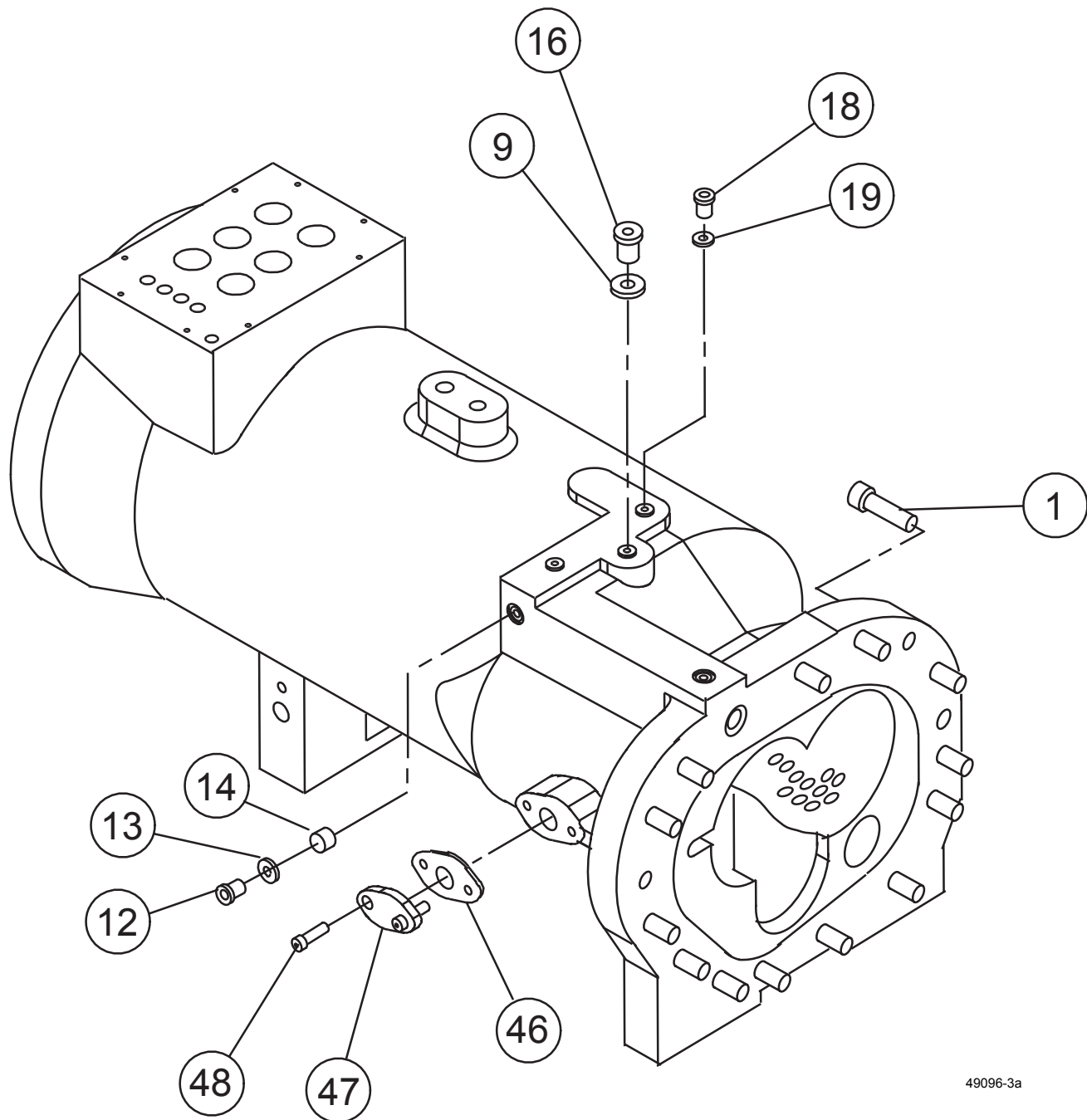
COMPRESSOR

TABLE 6 – COMPRESSOR PART NUMBERS

MODEL	VOLTAGE CODE	SYSTEM #1 COMPRESSOR				SYSTEM #2 COMPRESSOR			
		PART #	MODEL #	MM	QTY	PART #	MODEL #	MM	QTY
YCAS0295	-50	364-49096-215	DXS12LA	112	1	364-49096-215	DXS12LA	112	1
YCAS0335	-50	364-49095-215	DXS24LA	124	1	364-49096-215	DXS12LA	112	1
YCAS0375	-50	364-49095-215	DXS24LA	124	1	364-49095-215	DXS24LA	124	1
YCAS0425	-50	364-49095-215	DXS24LA	124	1	364-49095-215	DXS24LA	124	1
YCAS0475	-50	364-49093-215	DXS36LA	136	1	364-49095-215	DXS24LA	124	1
YCAS0515	-50	364-49093-215	DXS36LA	136	1	364-49093-215	DXS36LA	136	1
YCAS0555	-50	364-49094-215	DXS45LA	145	1	364-49093-215	DXS36LA	136	1
YCAS0575	-50	364-49094-215	DXS45LA	145	1	364-49094-215	DXS45LA	145	1
YCAS0605	-50	364-49094-215	DXS45LA	145	1	364-49094-215	DXS45LA	145	1

Service Note: *Compressor Change Out Kit - ALL Models - 464-49737-000 (Includes Gaskets and O-rings)*

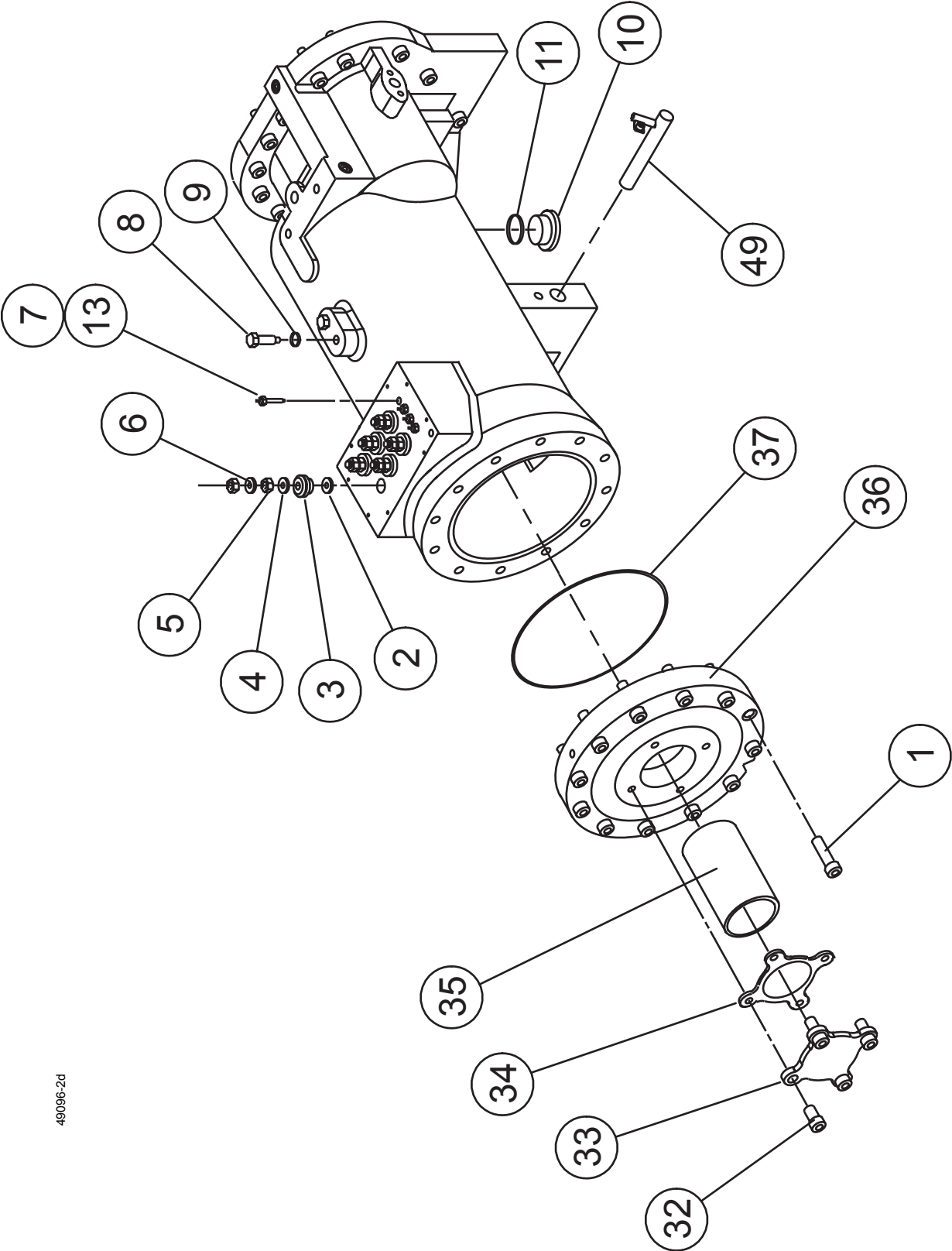
COMPRESSOR (CONT'D)



49096-3a

FIG. 6 – 112MM DXS COMPRESSOR COMPONENTS
PARTIAL EXPLODED VIEW (REF. TABLE 7, PAGES 26 AND 27)

COMPRESSOR (CONT'D)



49096-2d

FIG. 6a – 112MM DXS COMPRESSOR COMPONENTS
PARTIAL EXPLODED VIEW (REF. TABLE 7, PAGES 26 AND 27)

Compressor

COMPRESSOR (CONT'D)

Compressor

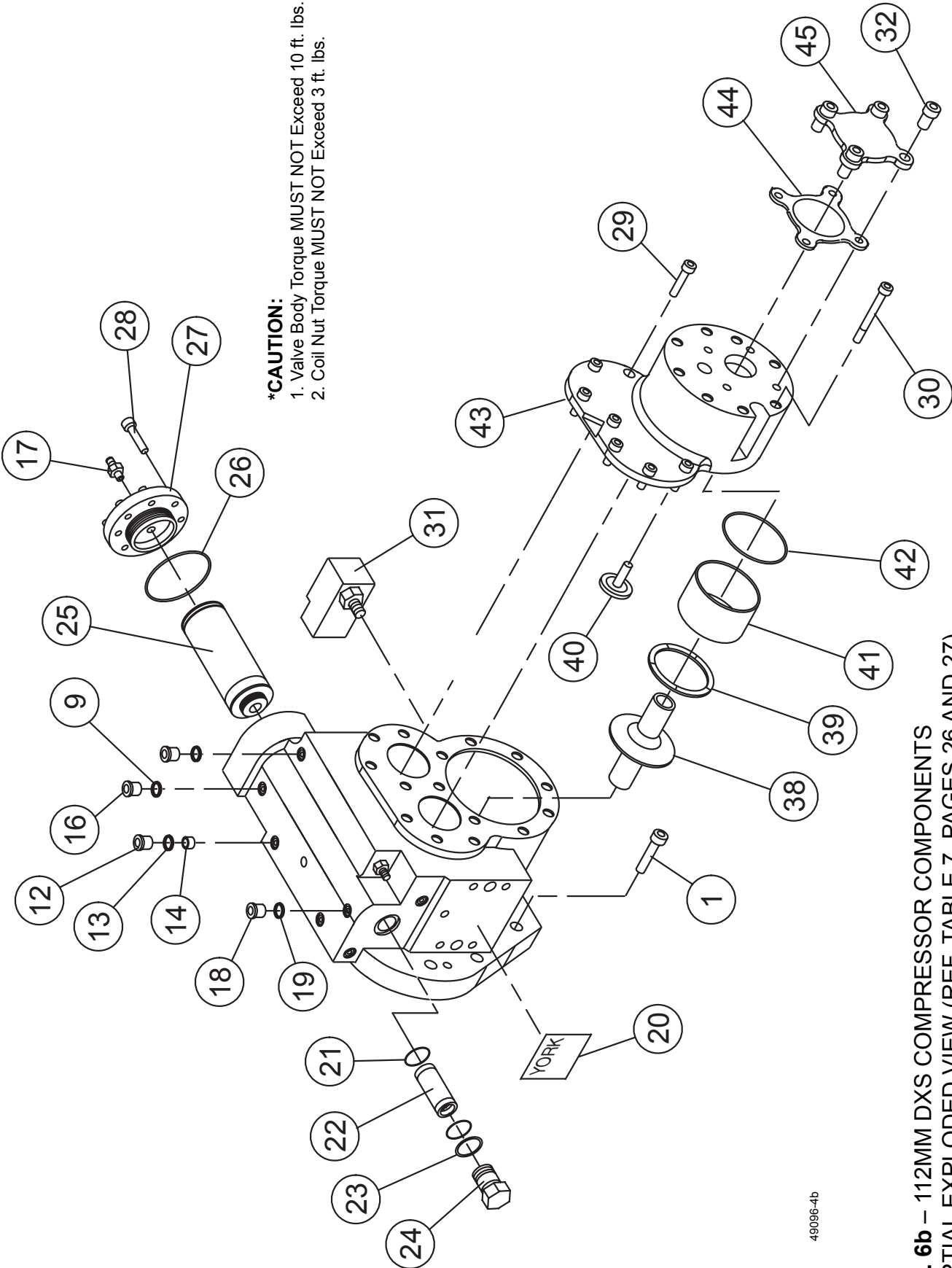
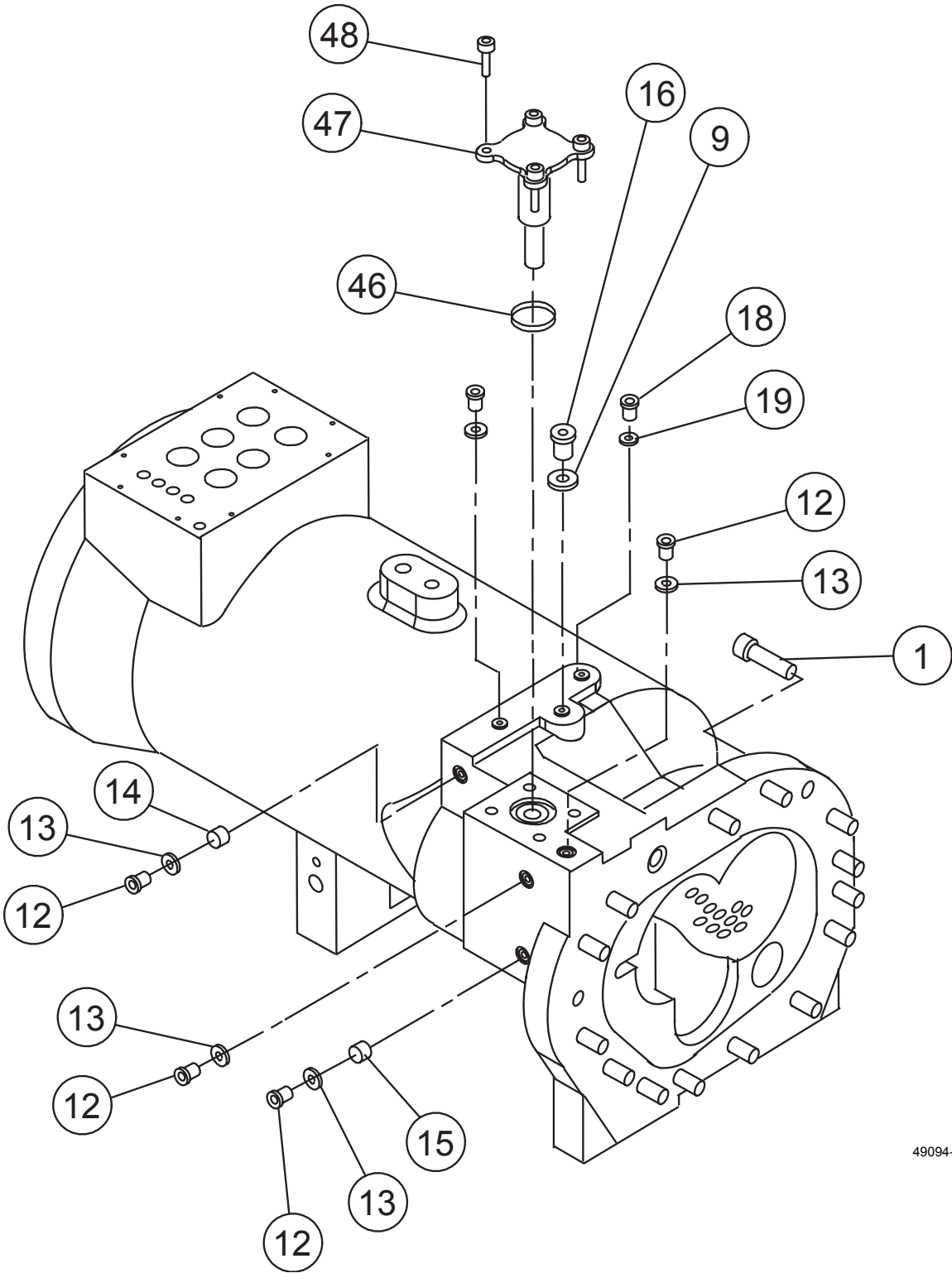


FIG. 6b – 112MM DXS COMPRESSOR COMPONENTS
PARTIAL EXPLODED VIEW (REF. TABLE 7, PAGES 26 AND 27)

49096-4b

COMPRESSOR (CONT'D)



Compressor

49094-3a

FIG. 6c – 124MM, 136MM & 145MM DXS COMPRESSOR COMPONENTS
PARTIAL EXPLODED VIEW (REF. TABLE 7, PAGES 26 AND 27)

COMPRESSOR (CONT'D)

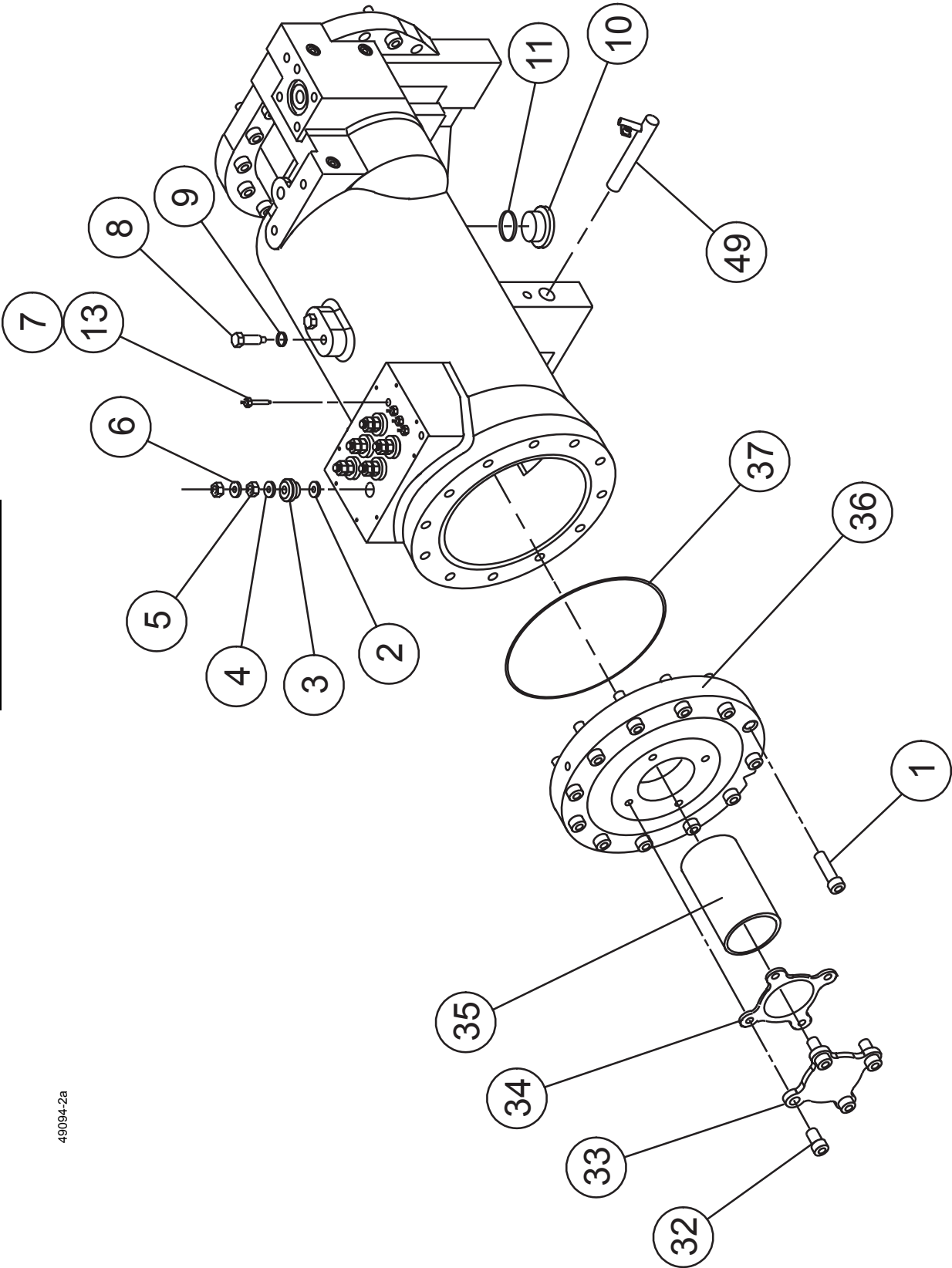
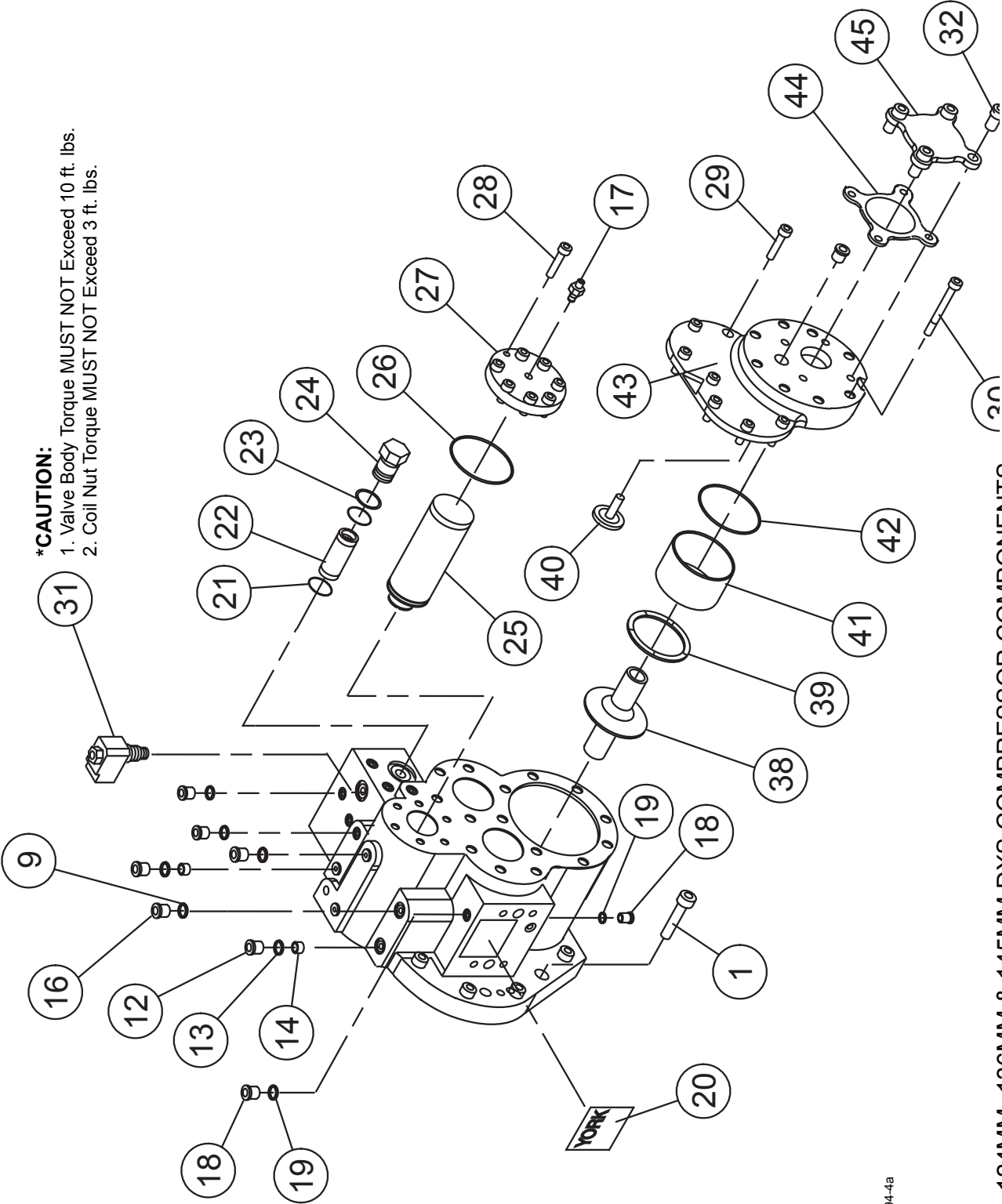


FIG. 6d – 124MM, 136MM & 145MM DXS COMPRESSOR COMPONENTS
PARTIAL EXPLODED VIEW (REF. TABLE 7, PAGES 26 AND 27)

49094-2a

Compressor

COMPRESSOR (CONT'D)



***CAUTION:**
1. Valve Body Torque MUST NOT Exceed 10 ft. lbs.
2. Coil Nut Torque MUST NOT Exceed 3 ft. lbs.

49094-4a

FIG. 6e – 124MM, 136MM & 145MM DXS COMPRESSOR COMPONENTS
PARTIAL EXPLODED VIEW (REF. TABLE 7, PAGES 26 AND 27)

COMPRESSOR (CONT'D)

TABLE 7 – COMPRESSOR COMPONENTS
(SEE FIGS. 6, 6A, 6B, 6C, 6D AND 6E, PAGES 20-25)

ITEM NO.	PART DESCRIPTION	PART NO. (Qty.)
1	SCREW, SOCKET HD. CAP - M16 X 65MM LONG	021-19108-000 (26)
2	SEAL, TERMINAL	028-13946-000 (6)
3	INSULATOR, TOP	025-33201-000 (6)
4	WASHER, TERMINAL	021-19117-000 (6)
5	NUT, HEAVY HEX - 7/16" X 20UNF	021-19102-000 (12)
6	WASHER, LOCK - 7/16"	021-19619-000 (6)
7	THERMISTOR, 7/16" X 20UNF-2A	025-33202-000 (4)
8	PIN, STATOR LOCKING	064-49954-000
9	O-RING 3 - 908	028-13856-000 (4)
10	PLUG, HOLLOW HEX - 1 7/8"	023-18926-000
11	O-RING 3 - 924	028-13865-000
12	PLUG, HOLLOW HEX - 9/16"	023-18922-000 (8)
13	O-RING - 906	028-13855-000 (8)
14	PLUG - 0.032 ORIFICE	029-22716-000 (3)
15	PLUG - 0.093 ORIFICE	029-22994-000 (2)
16	PLUG, HOLLOW HEX - 3/4"	023-18923-000 (7)
17	VALVE, ACCESS 7/16"	022-09715-000
18	PLUG, HOLLOW HEX - 7/16"	023-18921-000 (15)
19	O-RING 3 - 904	028-13854-000 (9)
20	PLATE, DATA	029-22722-000
21	O-RING 2- 023	028-13859-000 (2)
22	VALVE, OIL CONTROL	022-09710-000
23	O-RING 3 - 916	028-13857-000
24	PLUG, OIL RETURN VALVE	064-49135-000
25 ^S	ELEMENT, OIL FILTER	026-35601-000
26 ^S	O-RING 2 - 152	028-13849-000
27	COVER, OIL FILTER	064-49003-000
28	SCREW, SOCKET HD. CAP - M8 X 30MM LONG	021-19115-000 (8)
29	SCREW, SOCKET HD. CAP - M10 X 45MM LONG	021-19112-000 (9)
30	SCREW, SOCKET HD. CAP - M10 X 60MM LONG	021-19113-000 (8)
31 ^S	VALVE, CAPACITY CONTROL	025-33205-000
32	SCREW, SOCKET HD. CAP - M16 X 30MM LONG	021-19118-000 (8)
33	PLATE, VALVE COVER (124MM)	064-49008-000
	PLATE, VALVE COVER (136MM & 145MM)	064-49009-000
34	GASKET, 3" (124MM)	028-13863-000
	GASKET, 3 1/2" (136MM & 145MM)	028-13864-000

^S = Recommended Spare Parts

COMPRESSOR (CONT'D)

TABLE 7 CONT'D – COMPRESSOR COMPONENTS
(SEE FIGS. 6, 6A, 6B, 6C, 6D AND 6E, PAGES 20-25)

ITEM NO.	PART DESCRIPTION	PART NO. (Qty.)
35	STRAINER, SUCTION (124MM)	026-35623-000
	STRAINER, SUCTION (136MM & 145MM)	026-35600-000
36	COVER, SUCTION (124MM)	064-49375-000
	COVER, SUCTION (136MM & 145MM)	064-49198-000
37	O-RING 2 - 276	028-13852-000 (2)
38	ORIFICE, MUFFLER (124MM)	064-49518-000
	ORIFICE, MUFFLER (136MM & 145MM)	064-49516-000
39	SPRING, MUFFLER PRELOAD (124MM)	029-22902-000
	SPRING, MUFFLER PRELOAD (136MM & 145MM)	029-22904-000
40	BUTTON, CHECK VALVE (124MM)	064-49521-000
	BUTTON, CHECK VALVE (136MM)	064-49517-000
	BUTTON, CHECK VALVE (145MM)	064-49504-000
41	SPACER, MUFFLER (124MM)	064-49520-000
	SPACER, MUFFLER (136MM & 145MM)	064-49513-000
42	O-RING 2 -158 (124MM)	028-13603-000
	O-RING 2 -161 (136MM & 145MM)	028-13851-000
43	COVER, DISCHARGE (124MM)	064-49126-000
	COVER, DISCHARGE (136MM)	064-48990-000
	COVER, DISCHARGE (145MM)	064-49005-000
44	GASKET, 2" (124MM)	028-13902-000
	GASKET, 3" (136MM & 145MM)	028-13863-000
45	PLATE, VALVE COVER (124MM)	064-49379-000
	PLATE, VALVE COVER (136MM & 145MM)	064-49008-000
46	O-RING 2 - 136 (124MM)	028-13863-000
	O-RING 2 - 139 (136MM & 145MM)	028-13963-000
47	PLUG, ECONOMIZER (124MM)	064-50004-000
	PLUG, ECONOMIZER (136MM & 145MM)	064-50003-000
48	SCREW, SOCKET HD. CAP - M12 X 25MM LONG	021-30148-000
49	HEATER, 350 WATTS	025-32938-000

Compressor

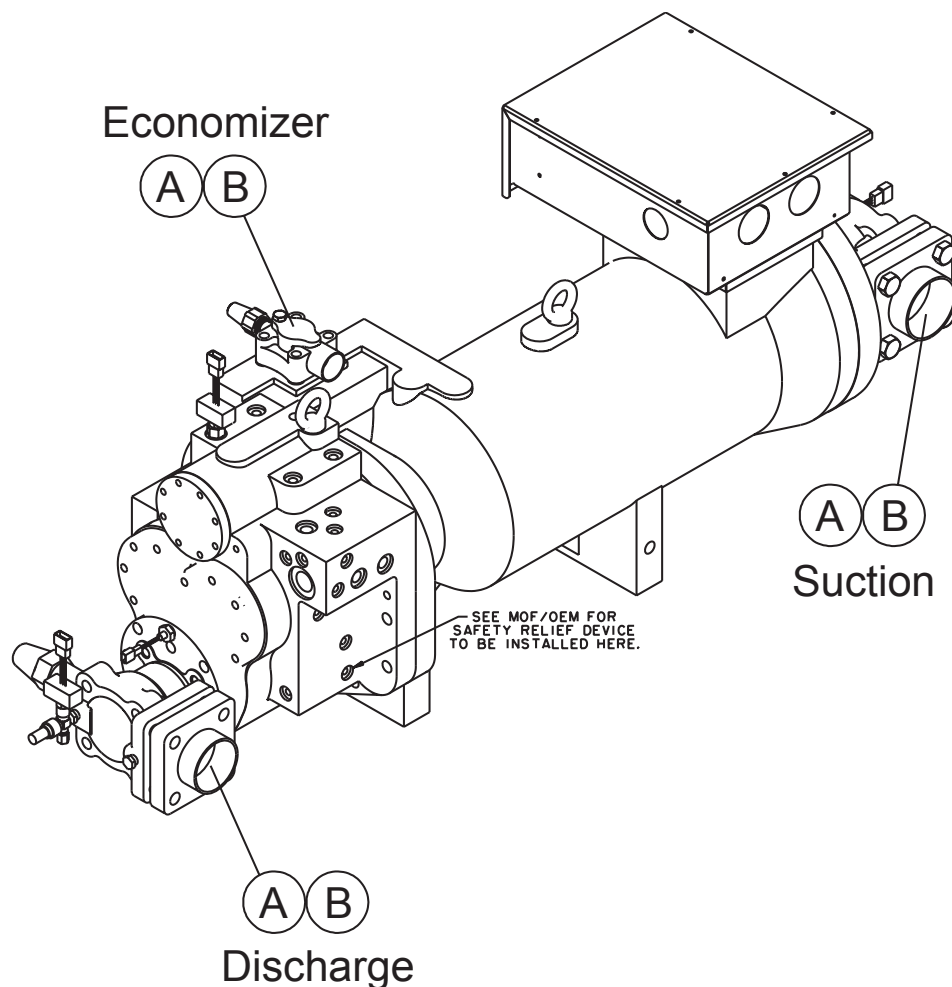
ITEM	REF.	DESCRIPTION	5 GALLON
OIL ^S	R-22	Oil, Type 'L' (Synthetic)	011-00592-000
	R-407C		

^S = Recommended Spare Parts

COMPRESSOR (CONT'D)

TABLE 8 – COMPRESSOR STOP VALVES AND GASKETS (SEE FIG. 7)

COMPRESSOR	LOCATION	DESCRIPTION	VALVE (A)	GASKET (B)
112MM	Suction	Stop Valve - 2 5/8"	022-09777-001	028-13973-000
	Discharge	Stop Valve - 2 1/8"	022-03727-003	028-13972-000
	Economizer	N/A	N/A	N/A
124MM	Suction	Stop Valve - 2 5/8"	022-09777-001	028-13863-000
	Discharge	Stop Valve - 2 1/8"	022-01393-001	028-13902-000
	Economizer	Stop Valve - 1 3/8"	022-03727-002	028-13862-000
136MM	Suction	Stop Valve - 3 5/8"	022-02845-001	028-13864-000
	Discharge	Stop Valve - 2 5/8"	022-09777-001	028-13863-000
	Economizer	Stop Valve - 1 3/8"	022-03727-002	028-13862-000
145MM	Suction	Stop Valve - 3 5/8"	022-02845-001	028-13864-000
	Discharge	Stop Valve - 2 5/8"	022-09777-001	028-13863-000
	Economizer	Stop Valve - 1 3/8"	022-03727-002	028-13862-000



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FIG. 7 – COMPRESSOR STOP VALVES AND GASKETS (REF. TABLE 8)

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CONTROL PANEL COMPONENTS

Control Panel

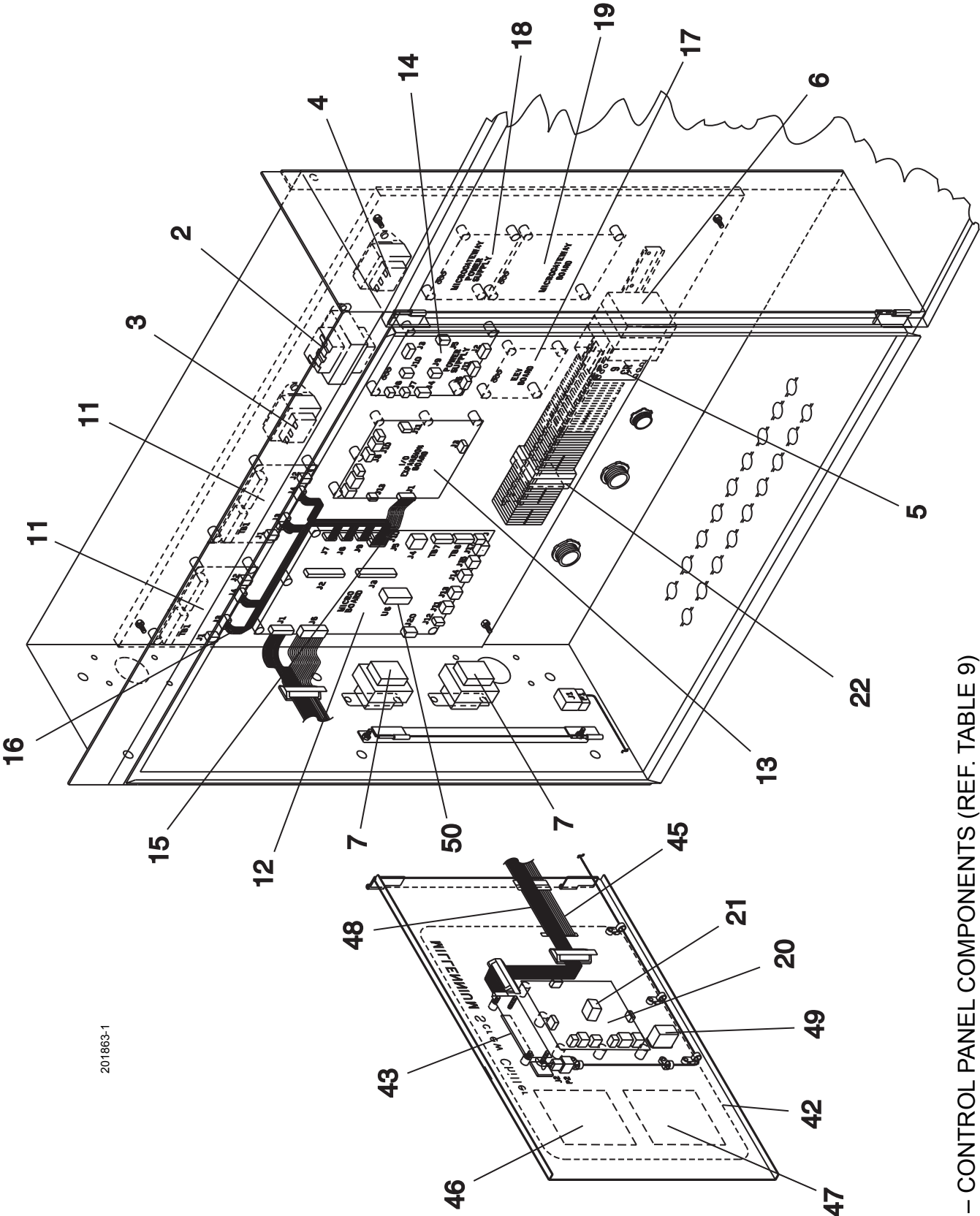


FIG. 8 – CONTROL PANEL COMPONENTS (REF. TABLE 9)

201863-1

CONTROL PANEL COMPONENTS (CONT'D)

TABLE 9 – CONTROL PANEL COMPONENTS (SEE FIG. 8)

ITEM NO.	QTY	DESCRIPTION	PART NUMBER
2	1	Transformer, CL-2	025-37679-000
3	1	Transformer, 40VA 240-24V	025-18452-000
4	2	Transformer, Control	025-30889-000
5	1	Control Relay	024-31635-000
6	3	Mini Circuit Breaker 240	025-34438-000
7	2	Transformer, CL-2	025-37679-000
11	2	Relay Control Board	031-01093-000
12 ^s	1	Micro Board	031-01095-002
13	1	I/O Expansion Board	031-01781-001
14	1	Power Supply Board	031-01094-000
15	1	RIBBON CABLE ASSEMBLY	071-02253-254
16	4	RIBBON CABLE ASSEMBLY	071-02253-252
17	1	EEV Board	031-02092-000
18	1	Micro-Gateway Power Supply Board (Optional)	031-02043-000
19	1	Micro-Gateway Board (Optional)	031-02039-000
20	1	SMART I/O Expansion Board	031-01793-001
21	1	EPROM (Use w/ SMART I/O Expansion Board)	031-02018-001
22	3	Ground Terminals	025-35615-000
42	1	Keypad (English)	024-30910-000
43	1	DISPLAY	031-02100-000
45	1	RIBBON CABLE ASSEMBLY	071-02253-251
46	1	Current Reset Kit (Optional)	371-02590-101
47	1	Temperature Reset Kit (Optional)	371-02590-102
48	1	RIBBON CABLE ASSEMBLY	071-02253-253
49	1	On/Off Switch	024-25517-000
50 ^s	1	EPROM	031-01798-001

^s = Recommended Spare Parts

OPTION AND POWER PANEL CONFIGURATIONS

Power panels and option panels are offered in several different configurations using three (3) major components:

1. TERMINAL BLOCKS
2. CIRCUIT BREAKERS
3. NON-FUSED DISCONNECT SWITCHES

The most basic chiller power wiring configuration uses TERMINAL BLOCKS in the power panels, and an options panel with no power wire termination hardware. See figures on previous page. The model pin number locations 16 and 17 would be X and X to reflect this basic combination. Identify model pin number locations 16 and 17 to identify the chiller power wiring connections and hardware listed below.

PIN 16 & 17 LETTER CODE IDENTIFIERS		OPTION PANEL AND POWER PANEL CONFIGURATIONS
X	X	Multiple Point Supply Terminal Block (Standard)
M	B	Multiple Point Supply Circuit Breakers
M	D	Multiple Point Supply Non-Fused Disconnect Switches
S	X	Single Point Supply Terminal Block w/ Separate System Terminal Blocks
B	X	Single Point Supply Circuit Breaker w/ Separate System Terminal Blocks
S	D	Single Point Supply Non-Fused Disconnect Switch w/ Separate System Terminal Blocks
C	S	Single Point Supply Circuit Breaker w/ Separate System Non-Fused Disconnect Switch
S	S	Single Point Supply Terminal Block w/ Separate System Non-Fused Disconnect Switch
S	B	Single Point Supply Terminal Block w/ Separate System Circuit Breakers
D	B	Single Point Supply Non-Fused Disconnect Switch w/ Separate System Circuit Breakers

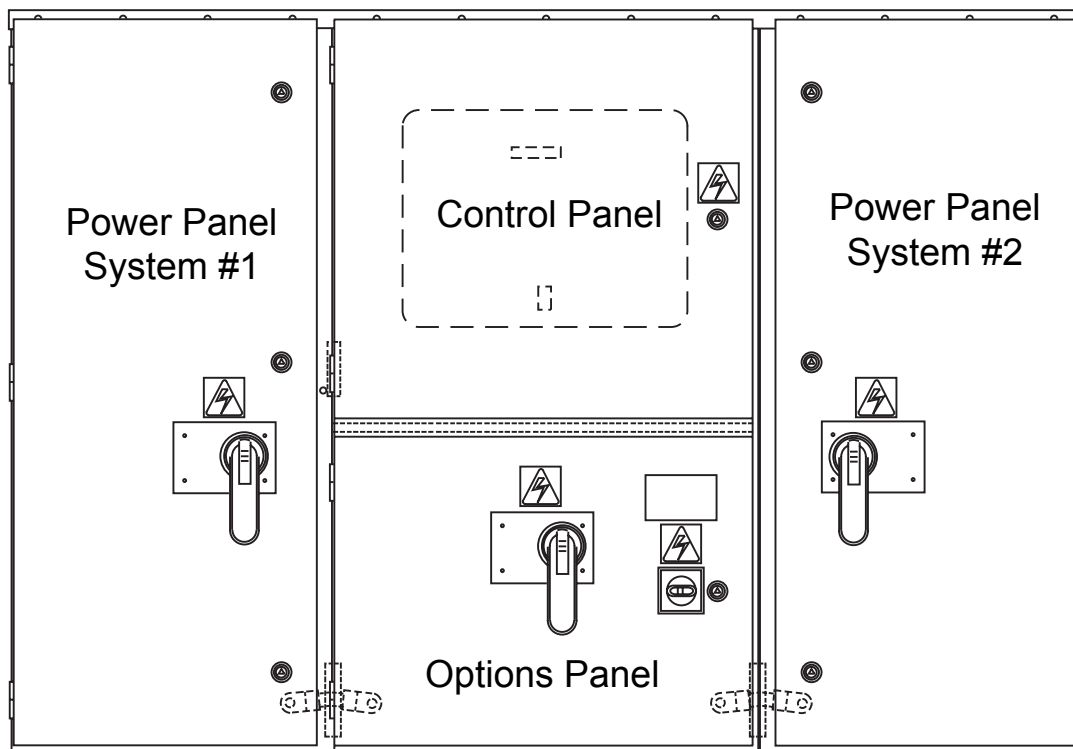


FIG. 9 – CONTROL, OPTIONS AND POWER PANELS LAYOUT

OPTION AND POWER PANEL CONFIGURATIONS (CONT'D)

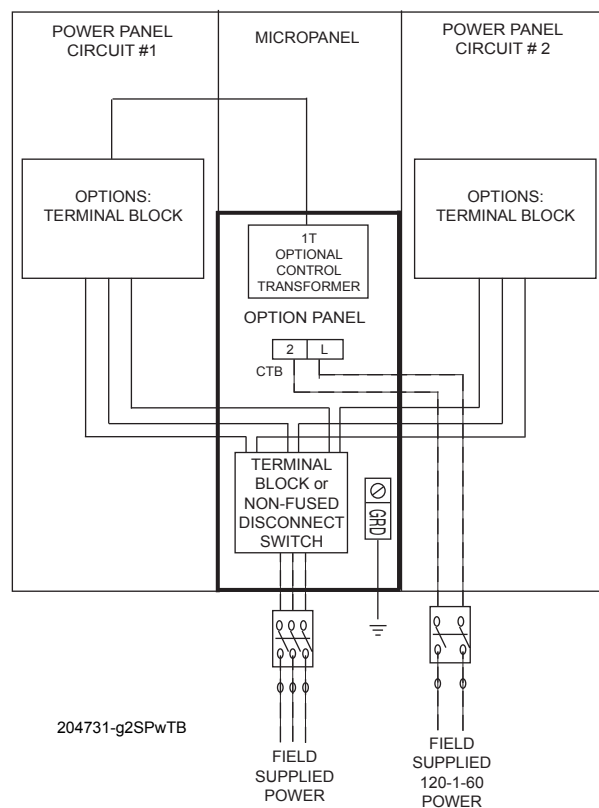
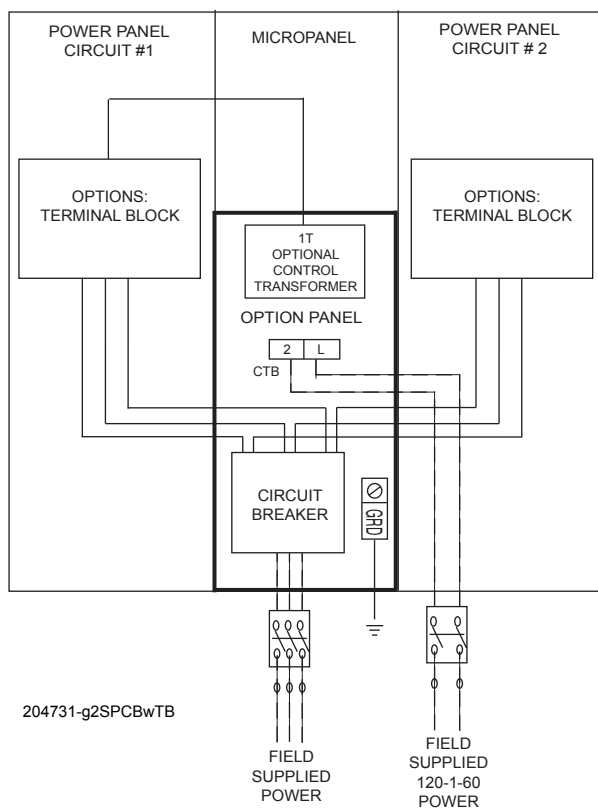
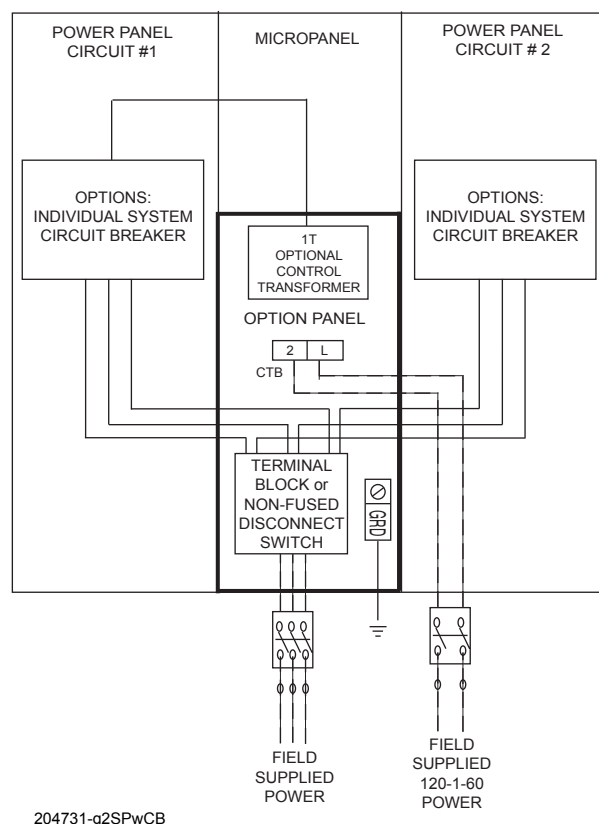
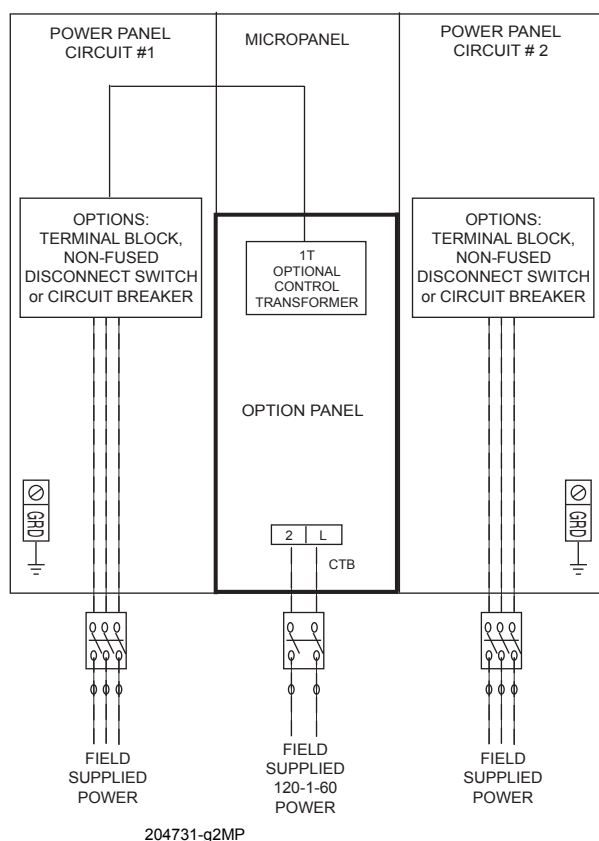

Option & Power Panel

FIG. 10 – EXAMPLES OF POWER WIRING CONFIGURATIONS (2-COMPRESSOR UNITS)

POWER PANEL COMPONENTS

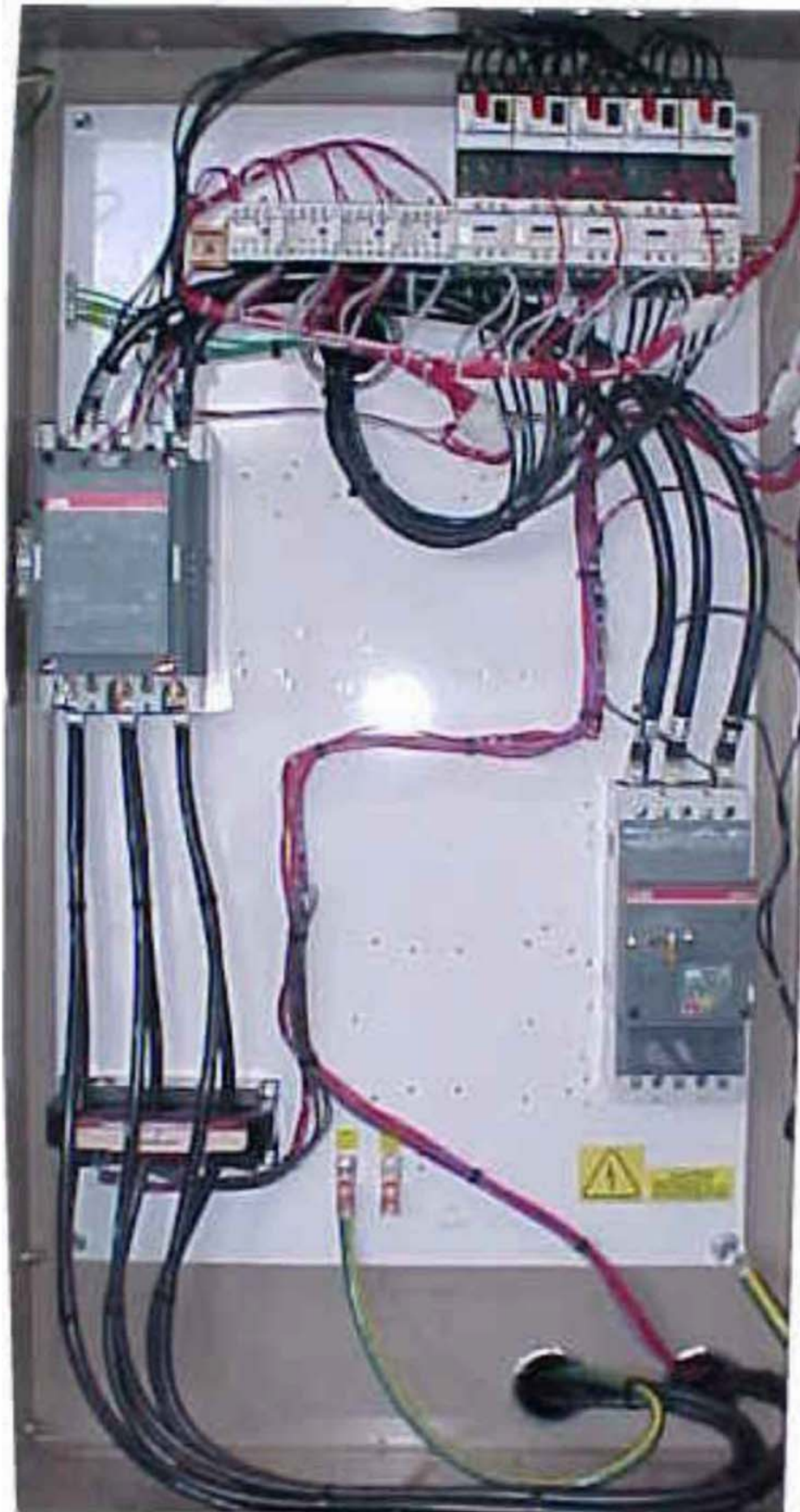


FIG. 11 – ACROSS-THE-LINE POWER PANEL

POWER PANEL COMPONENTS (CONT'D)

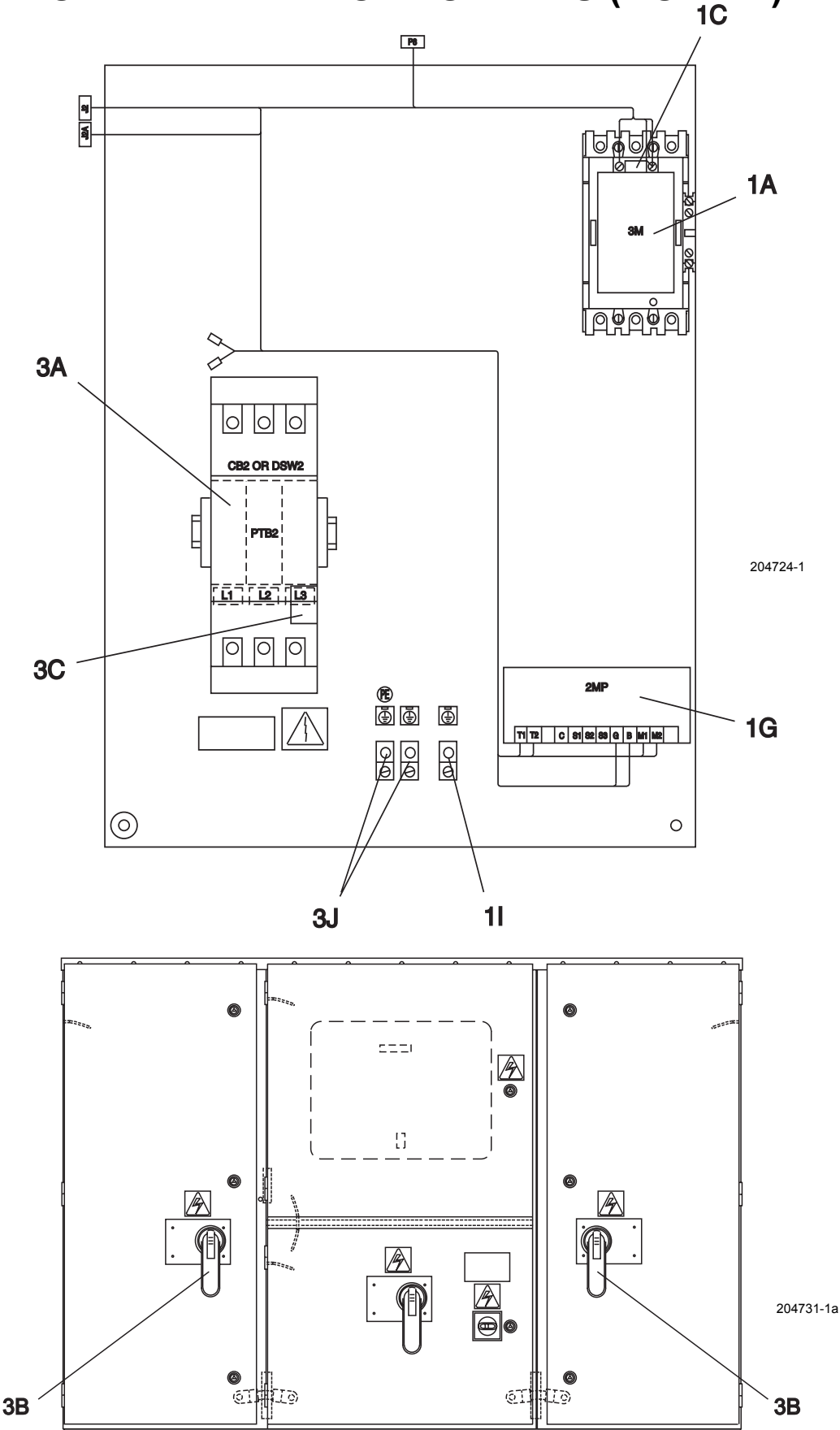


FIG. 11a – ACROSS-THE-LINE POWER PANEL COMPONENTS (REF. TABLE 12)

POWER PANEL COMPONENTS



FIG. 12 – WYE DELTA POWER PANEL

POWER PANEL COMPONENTS (CONT'D)

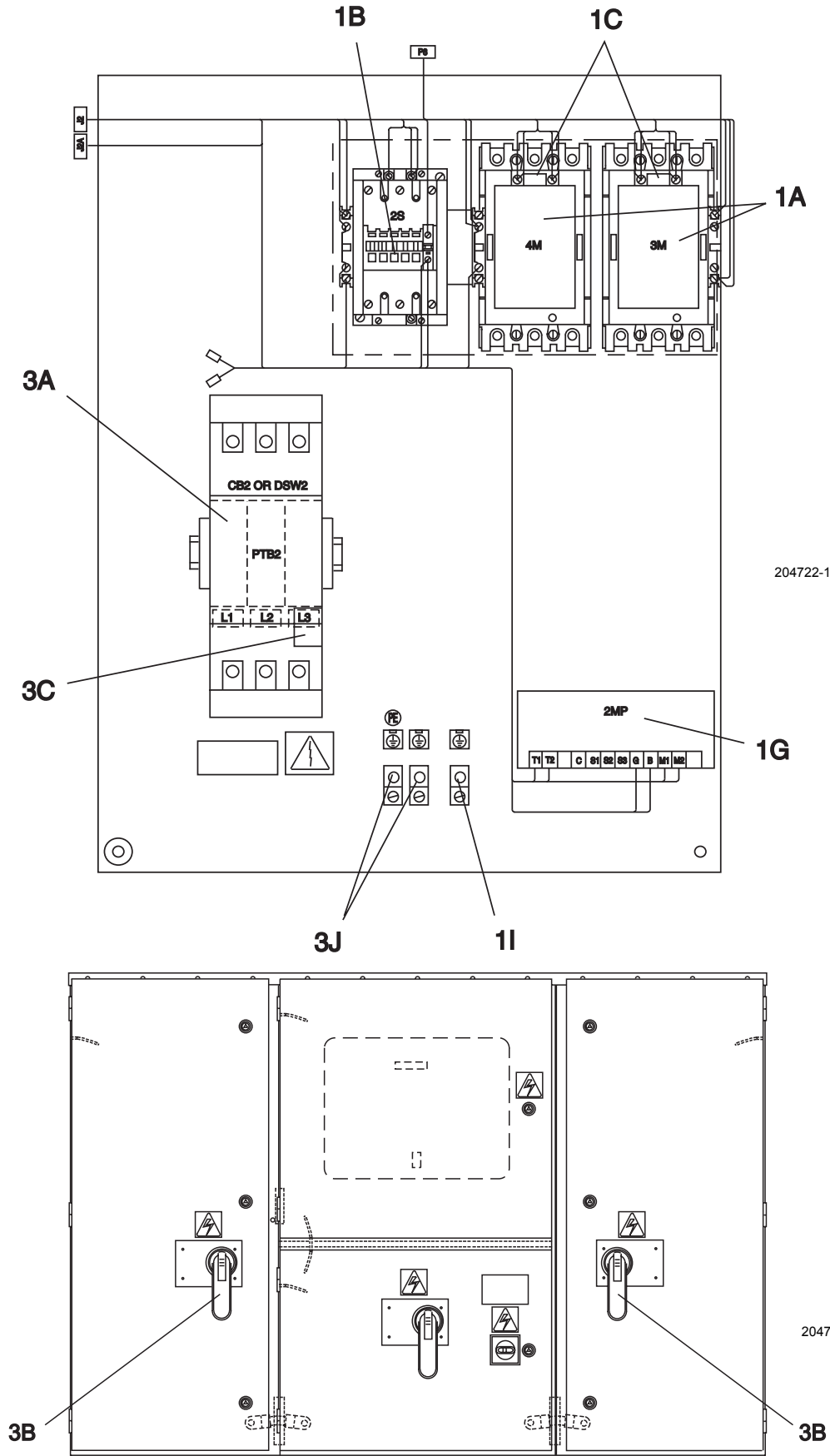
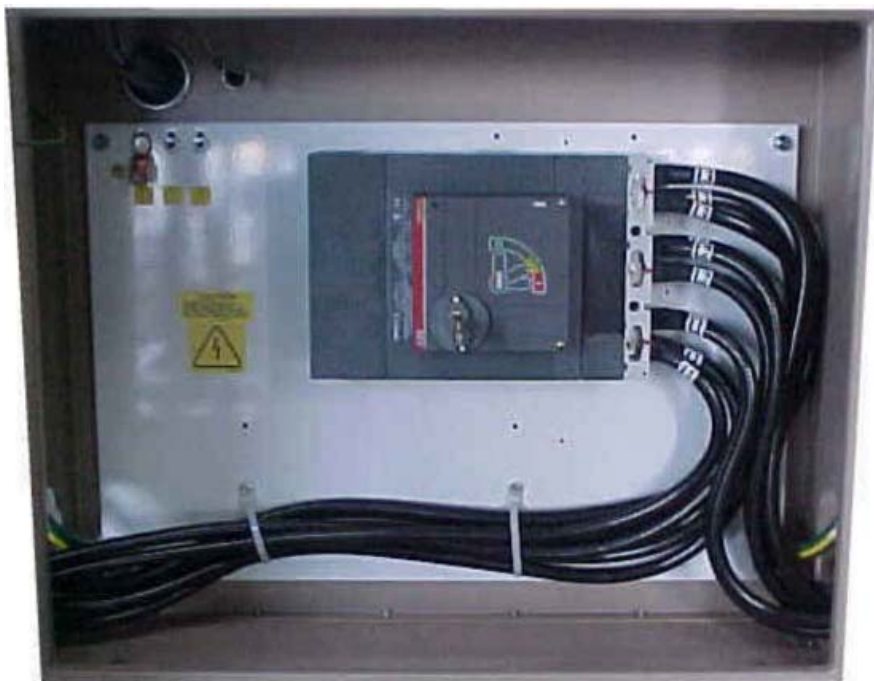


FIG. 12a – WYE DELTA POWER PANEL COMPONENTS (REF. TABLE 13)

OPTIONS PANEL COMPONENTS



OptionPanel1

***OPTIONS PANEL:**

Single Point Circuit Breaker or Non-Fused Disconnect Switch.



OptionPanel2

***OPTIONS PANEL:**

Single Point Terminal Block.

FIG. 13 – OPTIONS PANEL CONFIGURATIONS

OPTIONS PANEL COMPONENTS (CONT'D)

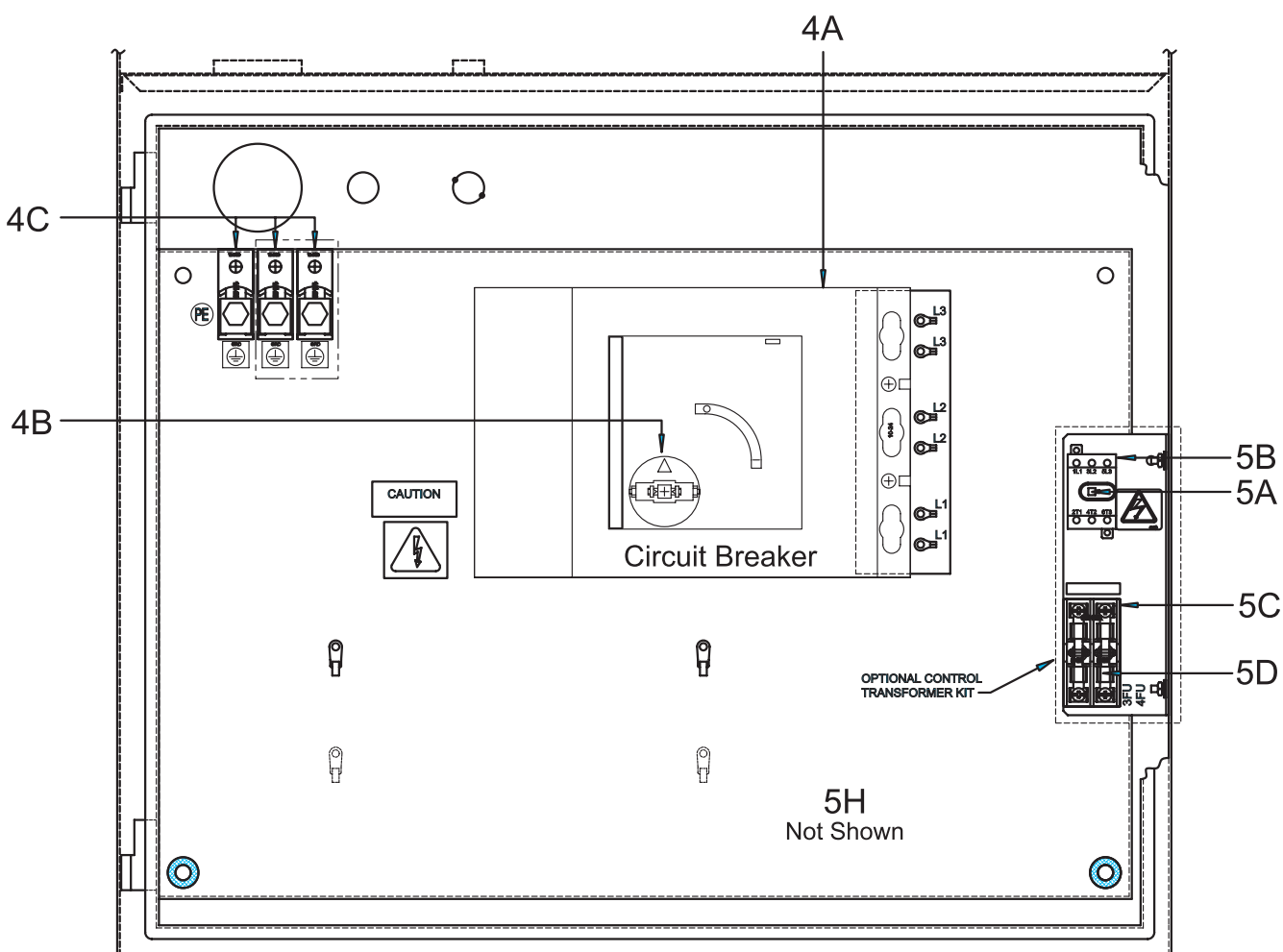


FIG. 13a – SINGLE POINT CIRCUIT BREAKER OR NON-FUSED DISCONNECT SWITCH
OPTIONS PANEL COMPONENTS (REF. TABLES 10, 12 AND 13)

TABLE 10 – OPTIONAL CONTROL TRANSFORMER KIT (SEE FIG. 13A)

Item	Qty	Voltage Code	Description	Part Number
5A	1	All	Handle	024-31832-000
5B	1	All	Switch	024-31833-000
5C	1	50	Fuse Block	025-34427-000
5D	2	50	Fuse	025-35668-000
5H	1	50	Control Transformer (On Back of Panel)	025-34483-000

OPTIONS PANEL COMPONENTS

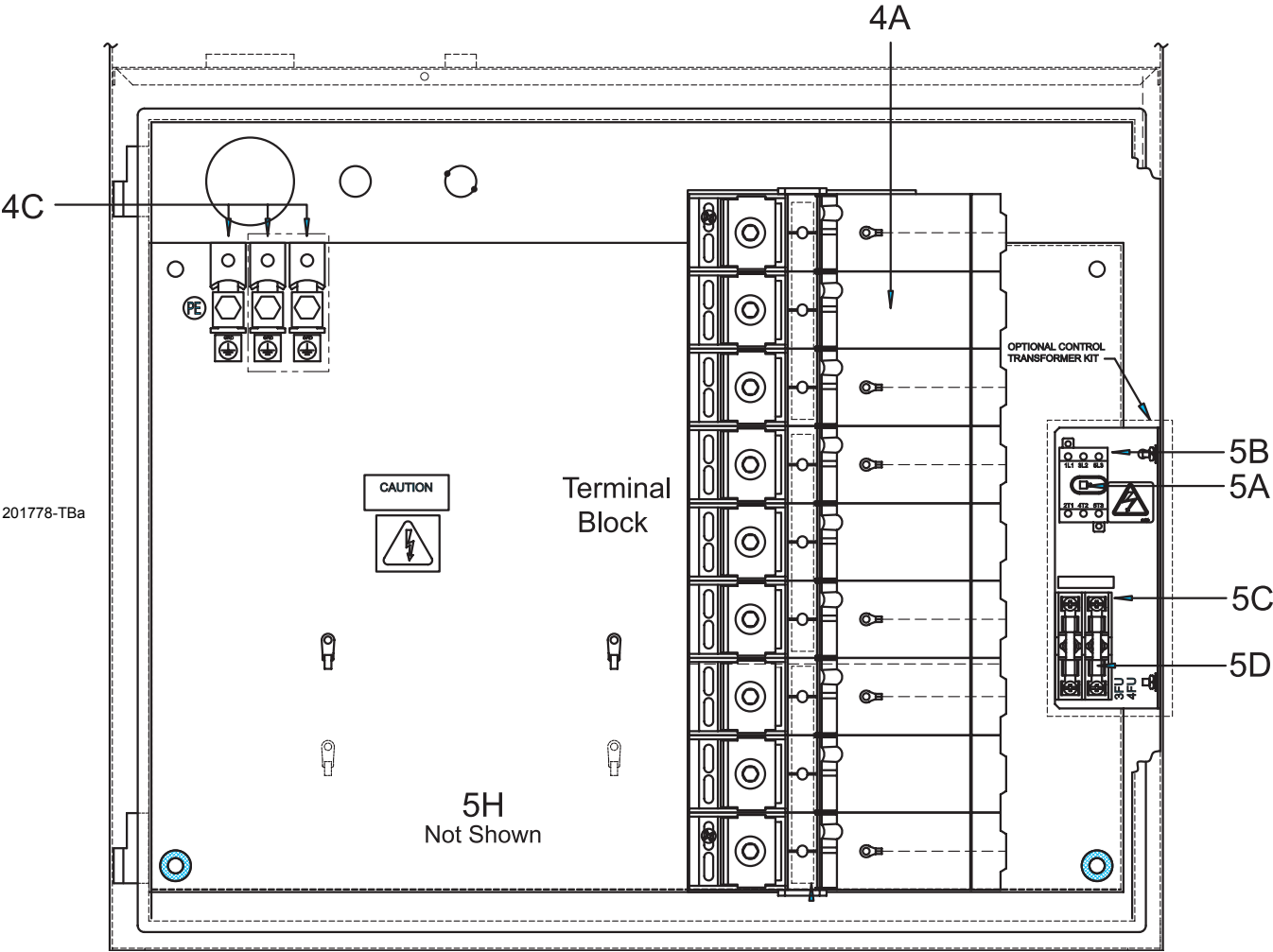


FIG. 13b – SINGLE POINT TERMINAL BLOCK OPTIONS PANEL COMPONENTS (REF. TABLE 11, 12 AND 13)

TABLE 11 – OPTIONAL CONTROL TRANSFORMER KIT (SEE FIG. 13B)

Item	Qty	Voltage Code	Description	Part Number
5A	1	All	Handle	024-31832-000
5B	1	All	Switch	024-31833-000
5C	1	50	Fuse Block	025-34427-000
5D	2	50	Fuse	025-35668-000
5H	1	50	Control Transformer (On Back of Panel)	025-34483-000

OPTIONS AND POWER PANEL COMPONENTS

LUG KITS TABLE

Circuit Breakers		Wire Size	YORK Lug Kit Part Number
024-31852-000	S3H035TW	#14AWG-#2 AWG	025-34477-000
024-31837-000	S3H040TW		
024-31838-000	S3H050TW		
024-31839-000	S3H060TW		
024-31840-000	S3H070TW	#14AWG-#1/0 AWG	025-34478-000
024-31841-000	S3H080TW		
024-31842-000	S3H090TW		
024-31843-000	S3H100TW		
024-31844-000	S3H125TW	(1) 2-4/0 AWG	025-34479-000
024-31649-000	S3H150TW		
024-31820-000	S3H175TW	#14AWG-300KCMIL AWG	025-34480-000
024-31851-000	S3H200TW		
024-31819-000	S3H225TW		
025-34419-000	S4H250BW	#6AWG-350KCMIL AWG	025-34418-000
024-34424-000	S5H400BW	(1) 250-500KCMIL AWG	025-34481-000
Non-Fused Disconnect Switch		Wire Size	YORK Part Number
024-31888-000	S3H150DW	(1) 2-4/0 AWG	025-34479-000
024-31871-000	S3B225DW	#14AWG-300KCMIL AWG	025-34480-000
024-30963-000	S4H250DW	#6AWG-350KCMIL AWG	025-34418-000
024-30964-000	S5H400DW	(1) 250-500KCMIL AWG	025-34481-000

OPTIONS AND POWER PANEL COMPONENTS (CONT'D)

TABLE 12 – ACROSS-THE-LINE POWER PANEL COMPONENTS - MODEL YCAS0295-50 (SEE FIGS. 11-11A, PAGES 34-35)

Item	Qty	Description	YCAS0295-50									
			371-04115-104* XX*	371-04115-204* MB*	371-04115-304* MD*	371-04115-754* SX*	371-04115-604* BX*	371-04115-704* SD*	371-04115-804* CS*	371-04115-904* SS*	371-04115-404* SB*	371-04115-504* DB*
1A	1	Compressor Contactor (System 1)	024-31110-000	024-31110-000	024-31110-000	024-31110-000	024-31110-000	024-31110-000	024-31110-000	024-31110-000	024-31110-000	024-31110-000
	1	Compressor Contactor (System 2)	024-31110-000	024-31110-000	024-31110-000	024-31110-000	024-31110-000	024-31110-000	024-31110-000	024-31110-000	024-31110-000	024-31110-000
1C	2	Surge Suppressor	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000
1G ^S	2	Motor Protector	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000
1I	2	Ground Lug	025-34088-000	025-34088-000	025-34088-000	025-34088-000	025-34088-000	025-34088-000	025-34088-000	025-34088-000	025-34088-000	025-34088-000
3A	3	Terminal Block (System 1)	025-38363-000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	3	Terminal Block (System 2)	025-38363-000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	1	Circuit Breaker (System 1)	N/A	024-31649-000	N/A	N/A	N/A	N/A	N/A	N/A	024-31649-000	024-31649-000
	1	Circuit Breaker (System 2)	N/A	024-31649-000	N/A	N/A	N/A	N/A	N/A	N/A	024-31649-000	024-31649-000
	1	NF Disconnect Switch (System 1)	N/A	N/A	024-31888-000	N/A	N/A	N/A	024-31888-000	024-31888-000	N/A	N/A
3B	1	NF Disconnect Switch (System 2)	N/A	N/A	024-31888-000	N/A	N/A	N/A	024-31888-000	024-31888-000	N/A	N/A
	2	MP Handle (CB & NFDS)	N/A	025-35697-000	025-35697-000	N/A	N/A	N/A	025-35697-000	025-35697-000	025-35697-000	025-35697-000
	2	MP Shaft (CB & NFDS)	N/A	025-35696-000	025-35696-000	N/A	N/A	N/A	025-35696-000	025-35696-000	025-35696-000	025-35696-000
3C	2	Auxiliary Switch	N/A	024-31646-000	024-31646-000	N/A	N/A	N/A	024-31646-000	024-31646-000	024-31646-000	024-31646-000
3J	2	MP Ground Lug	025-34088-000	025-34088-000	025-34088-000	N/A	N/A	N/A	025-34088-000	025-34088-000	025-34088-000	025-34088-000
4A	1	Single Point TB	N/A	N/A	N/A	025-38364-000	N/A	N/A	N/A	025-38364-000	025-38364-000	N/A
	1	Single Point CB	N/A	N/A	N/A	N/A	N/A	N/A	025-34419-000	N/A	N/A	N/A
	1	Single Point NFDS	N/A	N/A	N/A	N/A	N/A	024-30963-000	N/A	N/A	N/A	024-30963-000
4B	1	SP Handle (CB & NFDS)	N/A	N/A	N/A	N/A	025-35697-000	025-35697-000	025-35697-000	N/A	N/A	025-35697-000
	1	SP Shaft (CB & NFDS)	N/A	N/A	N/A	N/A	025-35696-000	025-35696-000	025-35696-000	N/A	N/A	025-35696-000
4C	1	SP Ground Lug	N/A	N/A	N/A	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000

s Recommended Spare Part

*Service Note:

Locate the PANEL NUMBER sticker on the upper right hand corner of the power panel, then refer to the appropriate parts list for that number. Or, identify PIN number positions 16 and 17 on unit identification plate (See example on Page 4) then compare to table at right for power configuration options.

XX*	Multi Point supply TB	SD*	Single Point supply NFDS w/ Separate System TBs
MB*	Multi Point supply CBs	CS*	Single Point supply CB w/ Separate System NFDSs
MD*	Multi Point supply NFDSs	SS*	Single Point supply TB w/ Separate System NFDSs
SX*	Single Point supply TB w/ Separate System TBs	SB*	Single Point TB supply w/ Separate System CBs
BX*	Single Point supply CB w/ Separate System TBs	DB*	Single Point NFDS supply w/ Separate System CBs

OPTIONS AND POWER PANEL COMPONENTS (CONT'D)

TABLE 12 – ACROSS-THE-LINE POWER PANEL COMPONENTS - MODEL YCAS0335-50 (SEE FIGS. 11-11A, PAGES 34-35)

YCAS0335-50												
Item	Qty	Description	371-04115-105* XX*	371-04115-205* MB*	371-04115-305* MD*	371-04115-755* SX*	371-04115-605* BX*	371-04115-705* SD*	371-04115-805* CS*	371-04115-905* SS*	371-04115-405* SB*	371-04115-505* DB*
1A	1	Compressor Contactor (System 1)	024-31891-000	024-31891-000	024-31891-000	024-31891-000	024-31891-000	024-31891-000	024-31891-000	024-31891-000	024-31891-000	024-31891-000
	1	Compressor Contactor (System 2)	024-31110-000	024-31110-000	024-31110-000	024-31110-000	024-31110-000	024-31110-000	024-31110-000	024-31110-000	024-31110-000	024-31110-000
1C	2	Surge Suppressor	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000
1G ^S	2	Motor Protector	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000
1I	1	Ground Lug (System 1)	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000
	1	Ground Lug (System 2)	025-34088-000	025-34088-000	025-34088-000	025-34088-000	025-34088-000	025-34088-000	025-34088-000	025-34088-000	025-34088-000	025-34088-000
3A	3	Terminal Block (System 1)	025-38363-000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	3	Terminal Block (System 2)	025-38363-000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	1	Circuit Breaker (System 1)	N/A	025-34419-000	N/A	N/A	N/A	N/A	N/A	N/A	025-34419-000	025-34419-000
	1	Circuit Breaker (System 2)	N/A	024-31649-000	N/A	N/A	N/A	N/A	N/A	N/A	024-31649-000	024-31649-000
	1	NF Disconnect Switch (System 1)	N/A	N/A	024-31888-000	N/A	N/A	N/A	024-31888-000	024-31888-000	N/A	N/A
	1	NF Disconnect Switch (System 2)	N/A	N/A	024-30963-000	N/A	N/A	N/A	024-30963-000	024-30963-000	N/A	N/A
3B	2	MP Handle (CB & NFDS)	N/A	025-35697-000	025-35697-000	N/A	N/A	N/A	025-35697-000	025-35697-000	025-35697-000	025-35697-000
3C	2	MP Shaft (CB & NFDS)	N/A	025-35696-000	025-35696-000	N/A	N/A	N/A	025-35696-000	025-35696-000	025-35696-000	025-35696-000
	2	Auxiliary Switch	N/A	024-31646-000	024-31646-000	N/A	N/A	N/A	024-31646-000	024-31646-000	024-31646-000	024-31646-000
3J	1	MP Ground Lug	025-34088-000	025-34089-000	025-34089-000	N/A	N/A	N/A	025-34089-000	025-34089-000	025-34089-000	025-34089-000
	1		025-34088-000	025-34088-000	025-34088-000				025-34088-000	025-34088-000	025-34088-000	025-34088-000
4A	1	Single Point TB	N/A	N/A	N/A	025-38370-000	N/A	N/A	N/A	025-38370-000	025-38370-000	N/A
	1	Single Point CB	N/A	N/A	N/A	N/A	025-34424-000	N/A	025-34424-000	N/A	N/A	N/A
4B	1	Single Point NFDS	N/A	N/A	N/A	N/A	N/A	024-30964-000	N/A	N/A	N/A	024-30964-000
	1	SP Handle (CB & NFDS)	N/A	N/A	N/A	N/A	025-35697-000	025-35697-000	025-35697-000	N/A	N/A	025-35697-000
4C	1	SP Shaft (CB & NFDS)	N/A	N/A	N/A	N/A	025-35696-000	025-35696-000	025-35696-000	N/A	N/A	025-35696-000
	1	SP Ground Lug	N/A	N/A	N/A	025-34085-000	025-34089-000	025-34089-000	025-34089-000	025-34085-000	025-34085-000	025-34089-000

^S Recommended Spare Part

***Service Note:**

Locate the PANEL NUMBER sticker on the upper right hand corner of the power panel, then refer to the appropriate parts list for that number. Or, identify PIN number positions 16 and 17 on unit identification plate (See example on Page 4) then compare to table at right for power configuration options.

XX*	Multi Point supply TB	SD*	Single Point supply NFDS w/ Separate System TBs
MB*	Multi Point supply CBs	CS*	Single Point supply CB w/ Separate System NFDSs
MD*	Multi Point supply NFDSs	SS*	Single Point supply TB w/ Separate System NFDSs
SX*	Single Point supply TB w/ Separate System TBs	SB*	Single Point TB supply w/ Separate System CBs
BX*	Single Point supply CB w/ Separate System TBs	DB*	Single Point NFDS supply w/ Separate System CBs

Option & Power Panel

OPTIONS AND POWER PANEL COMPONENTS (CONT'D)

TABLE 12 – ACROSS-THE-LINE POWER PANEL COMPONENTS - MODEL YCAS0375-50 (SEE FIGS. 11-11A, PAGES 34-35)

Item	Qty	Description	YCAS0375-50										
			371-04115-106* XX*	371-04115-206* MB*	371-04115-308* MD*	371-04115-756* SX*	371-04115-606* BX*	371-04115-706* SD*	371-04115-808* CS*	371-04115-908* SS*	371-04115-406* SB*	371-04115-506* DB*	
1A	1	Compressor Contactor (System 1)	024-31891-000	024-31891-000	024-31891-000	024-31891-000	024-31891-000	024-31891-000	024-31891-000	024-31891-000	024-31891-000	024-31891-000	
	1	Compressor Contactor (System 2)	024-31891-000	024-31891-000	024-31891-000	024-31891-000	024-31891-000	024-31891-000	024-31891-000	024-31891-000	024-31891-000	024-31891-000	
1C	2	Surge Suppressor	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000	
1G ^S	2	Motor Protector	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000	
	2	Ground Lug	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	
3A	3	Terminal Block (System 1)	025-38363-000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	3	Terminal Block (System 2)	025-38363-000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	1	Circuit Breaker (System 1)	N/A	024-31819-000	N/A	N/A	N/A	N/A	N/A	N/A	024-31819-000	024-31819-000	
	1	Circuit Breaker (System 2)	N/A	024-31819-000	N/A	N/A	N/A	N/A	N/A	N/A	024-31819-000	024-31819-000	
3B	1	NF Disconnect Switch (System 1)	N/A	N/A	024-30963-000	N/A	N/A	N/A	N/A	024-30963-000	N/A	N/A	
	1	NF Disconnect Switch (System 2)	N/A	N/A	024-30963-000	N/A	N/A	N/A	N/A	024-30963-000	N/A	N/A	
3C	2	MP Handle (CB & NFDS)	N/A	025-35697-000	025-35697-000	N/A	N/A	N/A	N/A	025-35697-000	025-35697-000	025-35697-000	
	2	MP Shaft (CB & NFDS)	N/A	025-35696-000	025-35696-000	N/A	N/A	N/A	N/A	025-35696-000	025-35696-000	025-35696-000	
3J	2	Auxiliary Switch	N/A	024-31646-000	024-31646-000	N/A	N/A	N/A	N/A	024-31646-000	024-31646-000	024-31646-000	
	2	MP Ground Lug	025-34088-000	025-34088-000	025-34089-000	N/A	N/A	N/A	N/A	025-34088-000	025-34088-000	025-34088-000	
4A	1	Single Point TB	N/A	N/A	N/A	025-38370-000	N/A	N/A	N/A	025-38370-000	N/A	N/A	
	1	Single Point CB	N/A	N/A	N/A	N/A	025-34424-000	N/A	N/A	N/A	N/A	N/A	
	1	Single Point NFDS	N/A	N/A	N/A	N/A	N/A	024-30964-000	N/A	N/A	024-30964-000	024-30964-000	
4B	1	SP Handle (CB & NFDS)	N/A	N/A	N/A	N/A	025-35697-000	025-35697-000	025-35697-000	N/A	N/A	025-35697-000	
	1	SP Shaft (CB & NFDS)	N/A	N/A	N/A	N/A	025-35696-000	025-35696-000	025-35696-000	N/A	N/A	025-35696-000	
4C	1	SP Ground Lug	N/A	N/A	N/A	025-34085-000	025-34089-000	025-34089-000	025-34089-000	025-34085-000	025-34085-000	025-34089-000	

^s Recommended Spare Part

***Service Note:**

Locate the PANEL NUMBER sticker on the upper right hand corner of the power panel, then refer to the appropriate parts list for that number. Or, identify PIN number positions 16 and 17 on unit identification plate (See example on Page 4) then compare to table at right for power configuration options.

XX*	Multi Point supply TB	SD*	Single Point supply NFDS w/ Separate System TBs
MB*	Multi Point supply CBs	CS*	Single Point supply CB w/ Separate System NFDSs
MD*	Multi Point supply NFDSs	SS*	Single Point supply TB w/ Separate System NFDSs
SX*	Single Point supply TB w/ Separate System TBs	SB*	Single Point TB supply w/ Separate System CBs
BX*	Single Point supply CB w/ Separate System TBs	DB*	Single Point NFDS supply w/ Separate System CBs

OPTIONS AND POWER PANEL COMPONENTS (CONT'D)

TABLE 12 – ACROSS-THE-LINE POWER PANEL COMPONENTS - MODEL YCAS0425-50 (SEE FIGS. 11-11A, PAGES 34-35)

Item	Qty	Description	YCAS0425-50										
			371-04115-106* XX*	371-04115-206* MB*	371-04115-306* MD*	371-04115-756* SX*	371-04115-606* BX*	371-04115-706* SD*	371-04115-806* CS*	371-04115-906* SS*	371-04115-406* SB*	371-04115-506* DB*	
1A	1	Compressor Contactor (System 1)	024-31891-000	024-31891-000	024-31891-000	024-31891-000	024-31891-000	024-31891-000	024-31891-000	024-31891-000	024-31891-000	024-31891-000	024-31891-000
	1	Compressor Contactor (System 2)	024-31891-000	024-31891-000	024-31891-000	024-31891-000	024-31891-000	024-31891-000	024-31891-000	024-31891-000	024-31891-000	024-31891-000	024-31891-000
1C	2	Surge Suppressor	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000
1G\$	2	Motor Protector	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000
1I	2	Ground Lug	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000
3A	3	Terminal Block (System 1)	025-38363-000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	3	Terminal Block (System 2)	025-38363-000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	1	Circuit Breaker (System 1)	N/A	024-31819-000	N/A	N/A	N/A	N/A	N/A	N/A	024-31819-000	024-31819-000	024-31819-000
	1	Circuit Breaker (System 2)	N/A	024-31819-000	N/A	N/A	N/A	N/A	N/A	N/A	024-31819-000	024-31819-000	024-31819-000
3B	1	NF Disconnect Switch (System 1)	N/A	N/A	024-31888-000	N/A	N/A	N/A	N/A	024-31888-000	024-31888-000	N/A	N/A
	1	NF Disconnect Switch (System 2)	N/A	N/A	024-31888-000	N/A	N/A	N/A	N/A	024-31888-000	024-31888-000	N/A	N/A
	2	MP Handle (CB & NFDS)	N/A	025-35697-000	025-35697-000	N/A	N/A	N/A	N/A	025-35697-000	025-35697-000	025-35697-000	025-35697-000
	2	MP Shaft (CB & NFDS)	N/A	025-35696-000	025-35696-000	N/A	N/A	N/A	N/A	025-35696-000	025-35696-000	025-35696-000	025-35696-000
3C	2	Auxiliary Switch	N/A	024-31646-000	024-31646-000	N/A	N/A	N/A	N/A	024-31646-000	024-31646-000	024-31646-000	024-31646-000
3J	2	MP Ground Lug	025-34088-000	025-34088-000	025-34088-000	N/A	N/A	N/A	N/A	025-34088-000	025-34088-000	025-34088-000	025-34088-000
4A	1	Single Point TB	N/A	N/A	N/A	025-38370-000	N/A	N/A	N/A	N/A	025-38370-000	025-38370-000	N/A
	1	Single Point CB	N/A	N/A	N/A	N/A	025-34424-000	N/A	N/A	025-34424-000	N/A	N/A	N/A
4B	1	Single Point NFDS	N/A	N/A	N/A	N/A	N/A	024-30964-000	N/A	N/A	N/A	N/A	024-30964-000
	1	SP Handle (CB & NFDS)	N/A	N/A	N/A	N/A	025-35697-000	025-35697-000	025-35697-000	N/A	N/A	N/A	025-35697-000
4C	1	SP Shaft (CB & NFDS)	N/A	N/A	N/A	N/A	025-35696-000	025-35696-000	025-35696-000	N/A	N/A	N/A	025-35696-000
	1	SP Ground Lug	N/A	N/A	N/A	025-34085-000	025-34089-000	025-34089-000	025-34089-000	025-34085-000	025-34085-000	025-34085-000	025-34089-000

^s Recommended Spare Part

***Service Note:**

Locate the PANEL NUMBER sticker on the upper right hand corner of the power panel, then refer to the appropriate parts list for that number. Or, identify PIN number positions 16 and 17 on unit identification plate (See example on Page 4) then compare to table at right for power configuration options.

XX*	Multi Point supply TB	SD*	Single Point supply NFDS w/ Separate System TBs
MB*	Multi Point supply CBs	CS*	Single Point supply CB w/ Separate System NFDSs
MD*	Multi Point supply NFDSs	SS*	Single Point supply TB w/ Separate System NFDSs
SX*	Single Point supply TB w/ Separate System TBs	SB*	Single Point TB supply w/ Separate System CBs
BX*	Single Point supply CB w/ Separate System TBs	DB*	Single Point NFDS supply w/ Separate System CBs

Option & Power Panel

OPTIONS AND POWER PANEL COMPONENTS (CONT'D)

TABLE 12 – ACROSS-THE-LINE POWER PANEL COMPONENTS - MODEL YCAS0475-50 (SEE FIGS. 11-11A, PAGES 34-35)

Item	Qty	Description	YCAS0475-50									
			371-04115-109* XX*	371-04115-210* MB*	371-04115-309* MD*	371-04115-761* SX*	371-04115-609* BX*	371-04115-709* SD*	371-04115-809* CS*	371-04115-917* SS*	371-04115-415* SB*	371-04115-511* DB*
1A	1	Compressor Contactor (System 1)	024-31892-000	024-31892-000	024-31892-000	024-31892-000	024-31892-000	024-31892-000	024-31892-000	024-31892-000	024-31892-000	024-31892-000
	1	Compressor Contactor (System 2)	024-31891-000	024-31891-000	024-31891-000	024-31891-000	024-31891-000	024-31891-000	024-31891-000	024-31891-000	024-31891-000	024-31891-000
1C	2	Surge Suppressor	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000
1G ^S	2	Motor Protector	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000
1I	2	Ground Lug	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000
3A	3	Terminal Block (System 1)	025-38363-000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	3	Terminal Block (System 2)	025-38364-000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	1	Circuit Breaker (System 1)	N/A	025-34419-000	N/A	N/A	N/A	N/A	N/A	N/A	025-34419-000	025-34419-000
	1	Circuit Breaker (System 2)	N/A	024-31819-000	N/A	N/A	N/A	N/A	N/A	N/A	024-31819-000	024-31819-000
	1	NF Disconnect Switch (System 1)	N/A	N/A	024-30963-000	N/A	N/A	N/A	024-30963-000	024-30963-000	N/A	N/A
3B	1	NF Disconnect Switch (System 2)	N/A	N/A	024-31888-000	N/A	N/A	N/A	024-31888-000	024-31888-000	N/A	N/A
	2	MP Handle (CB & NFDS)	N/A	025-35697-000	025-35697-000	N/A	N/A	N/A	025-35697-000	025-35697-000	025-35697-000	025-35697-000
3C	2	MP Shaft (CB & NFDS)	N/A	025-35696-000	025-35696-000	N/A	N/A	N/A	025-35696-000	025-35696-000	025-35696-000	025-35696-000
	2	Auxiliary Switch	N/A	024-31646-000	024-31646-000	N/A	N/A	N/A	024-31646-000	024-31646-000	024-31646-000	024-31646-000
3J	1	MP Ground Lug (Sys 1)	025-34088-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000
	1	MP Ground Lug (Sys 2)	025-34089-000	025-34088-000	025-34088-000	N/A	N/A	N/A	025-34088-000	025-34088-000	025-34088-000	025-34088-000
4A	1	Single Point TB	N/A	N/A	N/A	025-38364-000	N/A	N/A	N/A	025-38364-000	025-38364-000	N/A
	1	Single Point CB	N/A	N/A	N/A	N/A	025-34424-000	N/A	025-34424-000	N/A	N/A	N/A
4B	1	Single Point NFDS	N/A	N/A	N/A	N/A	N/A	024-30964-000	N/A	N/A	N/A	024-30964-000
	1	SP Handle (CB & NFDS)	N/A	N/A	N/A	N/A	025-35697-000	025-35697-000	025-35697-000	N/A	N/A	025-35697-000
4C	1	SP Shaft (CB & NFDS)	N/A	N/A	N/A	N/A	025-35696-000	025-35696-000	025-35696-000	N/A	N/A	025-35696-000
	1	SP Ground Lug	N/A	N/A	N/A	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000

^S Recommended Spare Part

***Service Note:**

Locate the PANEL NUMBER sticker on the upper right hand corner of the power panel, then refer to the appropriate parts list for that number. Or, identify PIN number positions 16 and 17 on unit identification plate (See example on Page 4) then compare to table at right for power configuration options.

XX*	Multi Point supply TB	SD*	Single Point supply NFDS w/ Separate System TBs
MB*	Multi Point supply CBs	CS*	Single Point supply CB w/ Separate System NFDSs
MD*	Multi Point supply NFDSs	SS*	Single Point supply TB w/ Separate System NFDSs
SX*	Single Point supply TB w/ Separate System TBs	SB*	Single Point TB supply w/ Separate System CBs
BX*	Single Point supply CB w/ Separate System TBs	DB*	Single Point NFDS supply w/ Separate System CBs

OPTIONS AND POWER PANEL COMPONENTS (CONT'D)

TABLE 12 – ACROSS-THE-LINE POWER PANEL COMPONENTS - MODEL YCAS0515-50 (SEE FIGS. 11-11A, PAGES 34-35)

YCAS0515-50												
Item	Qty	Description	371-04115-114 XX*	371-04115-214 MB*	371-04115-314 MD*	371-04115-764 SX*	371-04115-615 BX*	371-04115-717 SD*	371-04115-816 CS*	371-04115-914 SS*	371-04115-414 SB*	371-04115-517 DB*
1A	1	Compressor Contactor (System 1)	024-31892-000	024-31892-000	024-31892-000	024-31892-000	024-31892-000	024-31892-000	024-31892-000	024-31892-000	024-31892-000	024-31892-000
	1	Compressor Contactor (System 2)	024-31892-000	024-31892-000	024-31892-000	024-31892-000	024-31892-000	024-31892-000	024-31892-000	024-31892-000	024-31892-000	024-31892-000
1C	2	Surge Suppressor	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000
1G ^S	2	Motor Protector	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000
1I	2	Ground Lug	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000
3A	3	Terminal Block (System 1)	025-38364-000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	3	Terminal Block (System 2)	025-38364-000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	1	Circuit Breaker (System 1)	N/A	025-34419-000	N/A	N/A	N/A	N/A	N/A	N/A	025-34419-000	025-34419-000
	1	Circuit Breaker (System 2)	N/A	025-34419-000	N/A	N/A	N/A	N/A	N/A	N/A	025-34419-000	025-34419-000
3B	1	NF Disconnect Switch (System 1)	N/A	N/A	024-30963-000	N/A	N/A	N/A	024-30963-000	024-30963-000	N/A	N/A
	1	NF Disconnect Switch (System 2)	N/A	N/A	024-30963-000	N/A	N/A	N/A	024-30963-000	024-30963-000	N/A	N/A
	2	MP Handle (CB & NFDS)	N/A	025-35697-000	025-35697-000	N/A	N/A	N/A	025-35697-000	025-35697-000	025-35697-000	025-35697-000
	2	MP Shaft (CB & NFDS)	N/A	025-35696-000	025-35696-000	N/A	N/A	N/A	025-35696-000	025-35696-000	025-35696-000	025-35696-000
3C	2	Auxiliary Switch	N/A	024-31646-000	024-31646-000	N/A	N/A	N/A	024-31646-000	024-31646-000	024-31646-000	024-31646-000
3J	2	MP Ground Lug	025-34089-000	025-34089-000	025-34089-000	N/A	N/A	N/A	025-34089-000	025-34089-000	025-34089-000	025-34089-000
4A	1	Single Point TB	N/A	N/A	N/A	025-38364-000	N/A	N/A	N/A	025-38364-000	025-38364-000	N/A
	1	Single Point CB	N/A	N/A	N/A	N/A	025-34425-000	N/A	025-34425-000	N/A	N/A	N/A
4B	1	SP Handle (CB & NFDS)	N/A	N/A	N/A	N/A	025-35697-000	024-30965-000	N/A	N/A	N/A	024-30965-000
	1	SP Shaft (CB & NFDS)	N/A	N/A	N/A	N/A	025-35696-000	025-35697-000	025-35697-000	N/A	N/A	025-35697-000
4C	1	SP Ground Lug	N/A	N/A	N/A	025-34089-000	025-35696-000	025-35696-000	025-35696-000	N/A	N/A	025-35696-000
	1											

^S Recommended Spare Part

***Service Note:**

Locate the PANEL NUMBER sticker on the upper right hand corner of the power panel, then refer to the appropriate parts list for that number. Or, identify PIN number positions 16 and 17 on unit identification plate (See example on Page 4) then compare to table at right for power configuration options.

XX*	Multi Point supply TB	SD*	Single Point supply NFDS w/ Separate System TBs
MB*	Multi Point supply CBs	CS*	Single Point supply CB w/ Separate System NFDSs
MD*	Multi Point supply NFDSs	SS*	Single Point supply TB w/ Separate System NFDSs
SX*	Single Point supply TB w/ Separate System TBs	SB*	Single Point TB supply w/ Separate System CBs
BX*	Single Point supply CB w/ Separate System TBs	DB*	Single Point NFDS supply w/ Separate System CBs

OPTIONS AND POWER PANEL COMPONENTS (CONT'D)

TABLE 12 – ACROSS-THE-LINE POWER PANEL COMPONENTS - MODEL YCAS0555-50 (SEE FIGS. 11-11A, PAGES 34-35)

Item	Qty	Description	YCAS0555-50											
			371-04115-120 XX*	371-04115-221 MB*	371-04115-326 MD*	371-04115-770 SX*	371-04115-620 BX*	371-04115-720 SD*	371-04115-818 CS*	371-04115-918 SS*	371-04115-421 SB*	371-04115-521 DB*		
1A	1	Compressor Contactor (System 1)	024-31894-000	024-31894-000	024-31894-000	024-31894-000	024-31894-000	024-31894-000	024-31894-000	024-31894-000	024-31894-000	024-31894-000		
	1	Compressor Contactor (System 2)	024-31892-000	024-31892-000	024-31892-000	024-31892-000	024-31892-000	024-31892-000	024-31892-000	024-31892-000	024-31892-000	024-31892-000		
1C	2	Surge Suppressor	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000		
1G ^S	2	Motor Protector	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000		
	1I	Ground Lug	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000		
3A	3	Terminal Block (System 1)	025-38370-000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
	3	Terminal Block (System 2)	025-38364-000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
	1	Circuit Breaker (System 1)	N/A	025-34424-000	N/A	N/A	N/A	N/A	N/A	N/A	025-34424-000	025-34424-000		
	1	Circuit Breaker (System 2)	N/A	025-34419-000	N/A	N/A	N/A	N/A	N/A	N/A	025-34419-000	025-34419-000		
	1	NF Disconnect Switch (System 1)	N/A	N/A	024-30964-000	N/A	N/A	N/A	024-30964-000	024-30964-000	N/A	N/A		
3B	1	NF Disconnect Switch (System 2)	N/A	N/A	024-30963-000	N/A	N/A	N/A	024-30963-000	024-30963-000	N/A	N/A		
	2	MP Handle (CB & NFDS)	N/A	025-35697-000	025-35697-000	N/A	N/A	N/A	025-35697-000	025-35697-000	025-35697-000	025-35697-000		
3C	2	MP Shaft (CB & NFDS)	N/A	025-35696-000	025-35696-000	N/A	N/A	N/A	025-35696-000	025-35696-000	025-35696-000	025-35696-000		
	2	Auxiliary Switch	N/A	024-31646-000	024-31646-000	N/A	N/A	N/A	024-31646-000	024-31646-000	024-31646-000	024-31646-000		
3J	1	MP Ground Lug (Sys 1)	025-34085-000	025-34085-000	025-34085-000	N/A	N/A	N/A	025-34085-000	025-34085-000	025-34085-000	025-34085-000		
	1	MP Ground Lug (Sys 2)	025-34089-000	025-34089-000	025-34089-000	N/A	N/A	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000		
4A	1	Single Point TB	N/A	N/A	N/A	025-38364-000	N/A	N/A	N/A	025-38364-000	025-38364-000	N/A		
	1	Single Point CB	N/A	N/A	N/A	N/A	025-34425-000	N/A	025-34425-000	N/A	N/A	N/A		
	1	Single Point NFDS	N/A	N/A	N/A	N/A	N/A	024-30965-000	N/A	N/A	N/A	024-30965-000		
4B	1	SP Handle (CB & NFDS)	N/A	N/A	N/A	N/A	025-35697-000	025-35697-000	025-35697-000	N/A	N/A	025-35697-000		
	1	SP Shaft (CB & NFDS)	N/A	N/A	N/A	N/A	025-35696-000	025-35696-000	025-35696-000	N/A	N/A	025-35696-000		
4C	1	SP Ground Lug	N/A	N/A	N/A	025-34089-000	025-34085-000	025-34085-000	025-34085-000	025-34089-000	025-34089-000	025-34085-000		
s Recommended Spare Part													SD*	Single Point supply NFDS w/ Separate System TBs
Service Note:													CS	Single Point supply CB w/ Separate System NFDSs
Locate the PANEL NUMBER sticker on the upper right hand corner of the power panel, then refer to the appropriate parts list for that number. Or, identify PIN number positions 16 and 17 on unit identification plate (See example on Page 4) then compare to table at right for power configuration options.													SS*	Single Point supply TB w/ Separate System NFDSs
													SB*	Single Point TB supply w/ Separate System CBs
													DB*	Single Point NFDS supply w/ Separate System CBs

OPTIONS AND POWER PANEL COMPONENTS (CONT'D)

TABLE 12 – ACROSS-THE-LINE POWER PANEL COMPONENTS - MODEL YCAS0575-50 (SEE FIGS. 11-11A, PAGES 34-35)

Item	Qty	Description	YCAS0575-50									
			371-04115-107 XX*	371-04115-217 MB*	371-04115-317 MD*	371-04115-757 SX*	371-04115-628 BX*	371-04115-728 SD*	371-04115-828 CS*	371-04115-928 SS*	371-04115-429 SB*	371-04115-528 DB*
1A	1	Compressor Contactor (System 1)	024-31894-000	024-31894-000	024-31894-000	024-31894-000	024-31894-000	024-31894-000	024-31894-000	024-31894-000	024-31894-000	024-31894-000
	1	Compressor Contactor (System 2)	024-31894-000	024-31894-000	024-31894-000	024-31894-000	024-31894-000	024-31894-000	024-31894-000	024-31894-000	024-31894-000	024-31894-000
1C	2	Surge Suppressor	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000
1G ^S	2	Motor Protector	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000
1I	2	Ground Lug	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000
3A	3	Terminal Block (System 1)	025-38364-000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	3	Terminal Block (System 2)	025-38364-000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	1	Circuit Breaker (System 1)	N/A	025-34424-000	N/A	N/A	N/A	N/A	N/A	N/A	025-34424-000	025-34424-000
	1	Circuit Breaker (System 2)	N/A	025-34424-000	N/A	N/A	N/A	N/A	N/A	N/A	025-34424-000	025-34424-000
	1	NF Disconnect Switch (System 1)	N/A	N/A	024-30964-000	N/A	N/A	N/A	024-30964-000	024-30964-000	N/A	N/A
3B	1	NF Disconnect Switch (System 2)	N/A	N/A	024-30964-000	N/A	N/A	N/A	024-30964-000	024-30964-000	N/A	N/A
	2	MP Handle (CB & NFDS)	N/A	025-35697-000	025-35697-000	N/A	N/A	N/A	025-35697-000	025-35697-000	025-35697-000	025-35697-000
	2	MP Shaft (CB & NFDS)	N/A	025-35696-000	025-35696-000	N/A	N/A	N/A	025-35696-000	025-35696-000	025-35696-000	025-35696-000
3C	2	Auxiliary Switch	N/A	024-31646-000	024-31646-000	N/A	N/A	N/A	024-31646-000	024-31646-000	024-31646-000	024-31646-000
3J	2	MP Ground Lug	025-34089-000	025-34085-000	025-34085-000	N/A	N/A	N/A	025-34085-000	025-34085-000	025-34085-000	025-34085-000
4A	1	Single Point TB	N/A	N/A	N/A	025-38370-000	N/A	N/A	N/A	025-38370-000	025-38370-000	N/A
	1	Single Point CB	N/A	N/A	N/A	N/A	025-34425-000	N/A	025-34425-000	N/A	N/A	N/A
	1	Single Point NFDS	N/A	N/A	N/A	N/A	N/A	024-30965-000	N/A	N/A	N/A	024-30965-000
4B	1	SP Handle (CB & NFDS)	N/A	N/A	N/A	N/A	025-35697-000	025-35697-000	025-35697-000	N/A	N/A	025-35697-000
4C	1	SP Shaft (CB & NFDS)	N/A	N/A	N/A	N/A	025-35696-000	025-35696-000	025-35696-000	N/A	N/A	025-35696-000
	1	SP Ground Lug	N/A	N/A	N/A	025-34085-000	025-34085-000	025-34085-000	025-34085-000	025-34085-000	025-34085-000	025-34085-000

^S Recommended Spare Part

***Service Note:**

Locate the PANEL NUMBER sticker on the upper right hand corner of the power panel, then refer to the appropriate parts list for that number. Or, identify PIN number positions 16 and 17 on unit identification plate (See example on Page 4) then compare to table at right for power configuration options.

XX*	Multi Point supply TB	SD*	Single Point supply NFDS w/ Separate System TBs
MB*	Multi Point supply CBs	CS*	Single Point supply CB w/ Separate System NFDSs
MD*	Multi Point supply NFDSs	SS*	Single Point supply TB w/ Separate System NFDSs
SX*	Single Point supply TB w/ Separate System TBs	SB*	Single Point TB supply w/ Separate System CBs
BX*	Single Point supply CB w/ Separate System TBs	DB*	Single Point NFDS supply w/ Separate System CBs

Option & Power Panel

OPTIONS AND POWER PANEL COMPONENTS (CONT'D)

TABLE 12 – ACROSS-THE-LINE POWER PANEL COMPONENTS - MODEL YCAS0605-50 (SEE FIGS. 11-11A, PAGES 34-35)

Item		Qty	Description	YCAS0605-50												
				371-04115-119 XX*	371-04115-219 MB*	371-04115-319 MD*	371-04115-769 SX*	371-04115-619 BX*	371-04115-719 SD*	371-04115-819 CS*	371-04115-919 SS*	371-04115-419 SB*	371-04115-519 DB*			
1A	1	Compressor Contactor (System 1)	024-31893-000	024-31893-000	024-31893-000	024-31893-000	024-31893-000	024-31893-000	024-31893-000	024-31893-000	024-31893-000	024-31893-000	024-31893-000			
	1	Compressor Contactor (System 2)	024-31893-000	024-31893-000	024-31893-000	024-31893-000	024-31893-000	024-31893-000	024-31893-000	024-31893-000	024-31893-000	024-31893-000	024-31893-000			
1C	2	Surge Suppressor	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000			
1G ^S	2	Motor Protector	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000			
1I	2	Ground Lug	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000			
3A	3	Terminal Block (System 1)	025-38364-000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
	3	Terminal Block (System 2)	025-38364-000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
	1	Circuit Breaker (System 1)	N/A	025-34424-000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	025-34424-000	025-34424-000			
	1	Circuit Breaker (System 2)	N/A	025-34424-000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	025-34424-000	025-34424-000			
3B	1	NF Disconnect Switch (System 1)	N/A	N/A	024-30963-000	N/A	N/A	N/A	N/A	024-30963-000	024-30963-000	N/A	N/A			
	1	NF Disconnect Switch (System 2)	N/A	N/A	024-30963-000	N/A	N/A	N/A	N/A	024-30963-000	024-30963-000	N/A	N/A			
3B	2	MP Handle (CB & NFDS)	N/A	025-35697-000	025-35697-000	N/A	N/A	N/A	N/A	025-35697-000	025-35697-000	025-35697-000	025-35697-000			
	2	MP Shaft (CB & NFDS)	N/A	025-35696-000	025-35696-000	N/A	N/A	N/A	N/A	025-35696-000	025-35696-000	025-35696-000	025-35696-000			
3C	2	Auxiliary Switch	N/A	024-31646-000	024-31646-000	N/A	N/A	N/A	N/A	024-31646-000	024-31646-000	024-31646-000	024-31646-000			
3J	2	MP Ground Lug	025-34089-000	025-34085-000	025-34089-000	N/A	N/A	N/A	N/A	025-34089-000	025-34089-000	025-34085-000	025-34085-000			
4A	1	Single Point TB	N/A	N/A	N/A	N/A	025-38364-000	N/A	N/A	N/A	025-38364-000	025-38364-000	N/A			
	1	Single Point CB	N/A	N/A	N/A	N/A	N/A	025-34425-000	N/A	025-34425-000	N/A	N/A	N/A			
4A	1	Single Point NFDS	N/A	N/A	N/A	N/A	N/A	N/A	024-30965-000	N/A	N/A	N/A	024-30965-000			
	1	SP Handle (CB & NFDS)	N/A	N/A	N/A	N/A	N/A	025-35697-000	025-35697-000	025-35697-000	N/A	N/A	025-35697-000			
4B	1	SP Shaft (CB & NFDS)	N/A	N/A	N/A	N/A	N/A	025-35696-000	025-35696-000	025-35696-000	N/A	N/A	025-35696-000			
4C	1	SP Ground Lug	N/A	N/A	N/A	N/A	025-34089-000	025-34085-000	025-34085-000	025-34085-000	025-34089-000	025-34089-000	025-34085-000			
Recommended Spare Part				XX*	Multi Point supply TB					SD*	Single Point supply NFDS w/ Separate System TBs					
				MB*	Multi Point supply CBs					CS*	Single Point supply CB w/ Separate System NFDSs					
				MD*	Multi Point supply NFDSs					SS*	Single Point supply TB w/ Separate System NFDSs					
				SX*	Single Point supply TB w/ Separate System TBs					SB*	Single Point TB supply w/ Separate System CBs					
				BX*	Single Point supply CB w/ Separate System TBs					DB*	Single Point NFDS supply w/ Separate System CBs					
Service Note: Locate the PANEL NUMBER sticker on the upper right hand corner of the power panel, then refer to the appropriate parts list for that number. Or, identify PIN number positions 16 and 17 on unit identification plate (See example on Page 4) then compare to table at right for power configuration options.																

OPTIONS AND POWER PANEL COMPONENTS (CONT'D)

TABLE 13 – WYE DELTA POWER PANEL COMPONENTS - MODEL YCAS0295-50
(SEE FIGS. 12-12A, PAGES 36-37)

Item	Qty	Description	YCAS0295-50				
			371-04115-154* XX*	371-04115-254* MB*	371-04115-354* MD*	371-04115-454* SB*	371-04115-554* DB*
1A	2	Compressor Contactor (System 1)	024-31107-000	024-31107-000	024-31107-000	024-31107-000	024-31107-000
	2	Compressor Contactor (System 2)	024-31107-000	024-31107-000	024-31107-000	024-31107-000	024-31107-000
1B	1	Compressor Contactor (System 1)	024-31106-000	024-31106-000	024-31106-000	024-31106-000	024-31106-000
	1	Compressor Contactor (System 2)	024-31106-000	024-31106-000	024-31106-000	024-31106-000	024-31106-000
1C	2	Surge Suppressor	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000
1D	2	Mechanical Interlock	024-31601-000	024-31601-000	024-31601-000	024-31601-000	024-31601-000
1G^S	2	Motor Protector	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000
1I	2	Ground Lug	025-34088-000	025-34088-000	025-34088-000	025-34088-000	025-34088-000
3A	3	Terminal Block (System 1)	025-38363-000	N/A	N/A	N/A	N/A
	3	Terminal Block (System 2)	025-38363-000	N/A	N/A	N/A	N/A
	1	Circuit Breaker (System 1)	N/A	024-31649-000	N/A	024-31649-000	024-31649-000
	1	Circuit Breaker (System 2)	N/A	024-31649-000	N/A	024-31649-000	024-31649-000
	1	NF Disconnect Switch (System 1)	N/A	N/A	024-31888-000	N/A	N/A
	1	NF Disconnect Switch (System 2)	N/A	N/A	024-31888-000	N/A	N/A
3B	2	MP Handle (CB & NFDS)	N/A	025-35697-000	025-35697-000	025-35697-000	025-35697-000
	2	MP Shaft (CB & NFDS)	N/A	025-35696-000	025-35696-000	025-35696-000	025-35696-000
3C	2	Auxiliary Switch	N/A	024-31646-000	024-31646-000	024-31646-000	024-31646-000
3J	2	MP Ground Lug	025-34088-000	025-34089-000	025-34088-000	025-34089-000	025-34089-000
4A	6	Single Point TB	N/A	N/A	N/A	025-38364-000	N/A
	1	Single Point CB	N/A	N/A	N/A	N/A	N/A
	1	Single Point NFDS	N/A	N/A	N/A	N/A	024-30963-000
4B	1	SP Handle (CB & NFDS)	N/A	N/A	N/A	N/A	025-35697-000
	1	SP Shaft (CB & NFDS)	N/A	N/A	N/A	N/A	025-35696-000
4C	1	SP Ground Lug	N/A	N/A	N/A	025-34089-000	025-34089-000

XX*	Multi Point supply TB
MB*	Multi Point supply CBs
MD*	Multi Point supply NFDSs
SB*	Single Point TB supply w/ Separate System CBs
DB*	Single Point NFDS supply w/ Separate System CBs

^S Recommended Spare Part

***Service Note:**

Locate the PANEL NUMBER sticker on the upper right hand corner of the power panel, then refer to the appropriate parts list for that number. Or, identify PIN number positions 16 and 17 on unit identification plate (See example on Page 4) then compare to table at right for power configuration options.

OPTIONS AND POWER PANEL COMPONENTS (CONT'D)

TABLE 13 – WYE DELTA POWER PANEL COMPONENTS - MODEL YCAS0335-50
(SEE FIGS. 12-12A, PAGES 36-37)

Item	Qty	Description	YCAS0335-50				
			371-04115-155* XX*	371-04115-255* MB*	371-04115-355* MD*	371-04115-455* SB*	371-04115-555* DB*
1A	2	Compressor Contactor (System 1)	024-31109-000	024-31109-000	024-31109-000	024-31109-000	024-31109-000
	2	Compressor Contactor (System 2)	024-31107-000	024-31107-000	024-31107-000	024-31107-000	024-31107-000
1B	1	Compressor Contactor (System 1)	024-31106-000	024-31106-000	024-31106-000	024-31106-000	024-31106-000
	1	Compressor Contactor (System 2)	024-31106-000	024-31106-000	024-31106-000	024-31106-000	024-31106-000
1C	2	Surge Suppressor	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000
1D	2	Mechanical Interlock	024-31601-000	024-31601-000	024-31601-000	024-31601-000	024-31601-000
1G^S	2	Motor Protector	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000
1I	1	Ground Lug (System 1)	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000
	1	Ground Lug (System 2)	025-34088-000	025-34088-000	025-34088-000	025-34088-000	025-34088-000
3A	3	Terminal Block (System 1)	025-38363-000	N/A	N/A	N/A	N/A
	3	Terminal Block (System 2)	025-38363-000	N/A	N/A	N/A	N/A
	1	Circuit Breaker (System 1)	N/A	025-34419-000	N/A	025-34419-000	025-34419-000
	1	Circuit Breaker (System 2)	N/A	024-31649-000	N/A	024-31649-000	024-31649-000
	1	NF Disconnect Switch (System 1)	N/A	N/A	024-30963-000	N/A	N/A
	1	NF Disconnect Switch (System 2)	N/A	N/A	024-31888-000	N/A	N/A
3B	2	MP Handle (CB & NFDS)	N/A	025-35697-000	025-35697-000	025-35697-000	025-35697-000
	2	MP Shaft (CB & NFDS)	N/A	025-35696-000	025-35696-000	025-35696-000	025-35696-000
3C	2	Auxiliary Switch	N/A	024-31646-000	024-31646-000	024-31646-000	024-31646-000
3J	1	MP Ground Lug (System 1)	025-34088-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000
	1	MP Ground Lug (System 2)		025-34088-000	025-34088-000	025-34088-000	025-34088-000
4A	6	Single Point TB	N/A	N/A	N/A	025-38370-000	N/A
	1	Single Point CB	N/A	N/A	N/A	N/A	N/A
	1	Single Point NFDS	N/A	N/A	N/A	N/A	024-30964-000
4B	1	SP Handle (CB & NFDS)	N/A	N/A	N/A	N/A	025-35697-000
	1	SP Shaft (CB & NFDS)	N/A	N/A	N/A	N/A	025-35696-000
4C	1	SP Ground Lug	N/A	N/A	N/A	025-34085-000	025-34089-000

XX*	Multi Point supply TB
MB*	Multi Point supply CBs
MD*	Multi Point supply NFDSs
SB*	Single Point TB supply w/ Separate System CBs
DB*	Single Point NFDS supply w/ Separate System CBs

^S Recommended Spare Part

***Service Note:**

Locate the PANEL NUMBER sticker on the upper right hand corner of the power panel, then refer to the appropriate parts list for that number. Or, identify PIN number positions 16 and 17 on unit identification plate (See example on Page 4) then compare to table at right for power configuration options.

OPTIONS AND POWER PANEL COMPONENTS (CONT'D)

TABLE 13 – WYE DELTA POWER PANEL COMPONENTS - MODEL YCAS0375-50
(SEE FIGS. 12-12A, PAGES 36-37)

Item	Qty	Description	YCAS0375-50				
			371-04115-158* XX*	371-04115-258* MB*	371-04115-358* MD*	371-04115-458* SB*	371-04115-558* DB*
1A	2	Compressor Contactor (System 1)	024-31109-000	024-31109-000	024-31109-000	024-31109-000	024-31109-000
	2	Compressor Contactor (System 2)	024-31109-000	024-31109-000	024-31109-000	024-31109-000	024-31109-000
1B	1	Compressor Contactor (System 1)	024-31106-000	024-31106-000	024-31106-000	024-31106-000	024-31106-000
	1	Compressor Contactor (System 2)	024-31106-000	024-31106-000	024-31106-000	024-31106-000	024-31106-000
1C	2	Surge Suppressor	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000
1D	2	Mechanical Interlock	024-31601-000	024-31601-000	024-31601-000	024-31601-000	024-31601-000
1G^S	2	Motor Protector	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000
1I	2	Ground Lug	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000
3A	3	Terminal Block (System 1)	025-38363-000	N/A	N/A	N/A	N/A
	3	Terminal Block (System 2)	025-38363-000	N/A	N/A	N/A	N/A
	1	Circuit Breaker (System 1)	N/A	024-31819-000	N/A	024-31819-000	024-31819-000
	1	Circuit Breaker (System 2)	N/A	024-31819-000	N/A	024-31819-000	024-31819-000
	1	NF Disconnect Switch (System 1)	N/A	N/A	024-30963-000	N/A	N/A
	1	NF Disconnect Switch (System 2)	N/A	N/A	024-30963-000	N/A	N/A
3B	2	MP Handle (CB & NFDS)	N/A	025-35697-000	025-35697-000	025-35697-000	025-35697-000
	2	MP Shaft (CB & NFDS)	N/A	025-35696-000	025-35696-000	025-35696-000	025-35696-000
3C	2	Auxiliary Switch	N/A	024-31646-000	024-31646-000	024-31646-000	024-31646-000
3J	2	MP Ground Lug	025-34088-000	025-34088-000	025-34089-000	025-34088-000	025-34088-000
4A	6	Single Point TB	N/A	N/A	N/A	025-38370-000	N/A
	1	Single Point CB	N/A	N/A	N/A	N/A	N/A
	1	Single Point NFDS	N/A	N/A	N/A	N/A	024-30964-000
4B	1	SP Handle (CB & NFDS)	N/A	N/A	N/A	N/A	025-35697-000
	1	SP Shaft (CB & NFDS)	N/A	N/A	N/A	N/A	025-35696-000
4C	1	SP Ground Lug	N/A	N/A	N/A	025-34085-000	025-34089-000

XX*	Multi Point supply TB
MB*	Multi Point supply CBs
MD*	Multi Point supply NFDSs
SB*	Single Point TB supply w/ Separate System CBs
DB*	Single Point NFDS supply w/ Separate System CBs

^S Recommended Spare Part

***Service Note:**

Locate the PANEL NUMBER sticker on the upper right hand corner of the power panel, then refer to the appropriate parts list for that number. Or, identify PIN number positions 16 and 17 on unit identification plate (See example on Page 4) then compare to table at right for power configuration options.

OPTIONS AND POWER PANEL COMPONENTS (CONT'D)

TABLE 13 – WYE DELTA POWER PANEL COMPONENTS - MODEL YCAS0425-50
(SEE FIGS. 12-12A, PAGES 36-37)

Item	Qty	Description	YCAS0425-50				
			371-04115-158* XX*	371-04115-258* MB*	371-04115-363* MD*	371-04115-458* SB*	371-04115-558* DB*
1A	2	Compressor Contactor (System 1)	024-31109-000	024-31109-000	024-31109-000	024-31109-000	024-31109-000
	2	Compressor Contactor (System 2)	024-31109-000	024-31109-000	024-31109-000	024-31109-000	024-31109-000
1B	1	Compressor Contactor (System 1)	024-31106-000	024-31106-000	024-31106-000	024-31106-000	024-31106-000
	1	Compressor Contactor (System 2)	024-31106-000	024-31106-000	024-31106-000	024-31106-000	024-31106-000
1C	2	Surge Suppressor	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000
1D	2	Mechanical Interlock	024-31601-000	024-31601-000	024-31601-000	024-31601-000	024-31601-000
1G^s	2	Motor Protector	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000
1I	2	Ground Lug	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000
3A	3	Terminal Block (System 1)	025-38363-000	N/A	N/A	N/A	N/A
	3	Terminal Block (System 2)	025-38363-000	N/A	N/A	N/A	N/A
	1	Circuit Breaker (System 1)	N/A	024-31819-000	N/A	024-31819-000	024-31819-000
	1	Circuit Breaker (System 2)	N/A	024-31819-000	N/A	024-31819-000	024-31819-000
	1	NF Disconnect Switch (System 1)	N/A	N/A	024-31888-000	N/A	N/A
	1	NF Disconnect Switch (System 2)	N/A	N/A	024-31888-000	N/A	N/A
3B	2	MP Handle (CB & NFDS)	N/A	025-35697-000	025-35697-000	025-35697-000	025-35697-000
	2	MP Shaft (CB & NFDS)	N/A	025-35696-000	025-35696-000	025-35696-000	025-35696-000
3C	2	Auxiliary Switch	N/A	024-31646-000	024-31646-000	024-31646-000	024-31646-000
3J	2	MP Ground Lug	025-34088-000	025-34088-000	025-34088-000	025-34088-000	025-34088-000
4A	6	Single Point TB	N/A	N/A	N/A	025-38370-000	N/A
	1	Single Point CB	N/A	N/A	N/A	N/A	N/A
	1	Single Point NFDS	N/A	N/A	N/A	N/A	024-30964-000
4B	1	SP Handle (CB & NFDS)	N/A	N/A	N/A	N/A	025-35697-000
	1	SP Shaft (CB & NFDS)	N/A	N/A	N/A	N/A	025-35696-000
4C	1	SP Ground Lug	N/A	N/A	N/A	025-34085-000	025-34089-000

XX*	Multi Point supply TB
MB*	Multi Point supply CBs
MD*	Multi Point supply NFDSs
SB*	Single Point TB supply w/ Separate System CBs
DB*	Single Point NFDS supply w/ Separate System CBs

^s Recommended Spare Part

***Service Note:**

Locate the PANEL NUMBER sticker on the upper right hand corner of the power panel, then refer to the appropriate parts list for that number. Or, identify PIN number positions 16 and 17 on unit identification plate (See example on Page 4) then compare to table at right for power configuration options.

OPTIONS AND POWER PANEL COMPONENTS (CONT'D)

TABLE 13 – WYE DELTA POWER PANEL COMPONENTS - MODEL YCAS0475-50
(SEE FIGS. 12-12A, PAGES 36-37)

Item	Qty	Description	YCAS0475-50				
			371-04115-159* XX*	371-04115-262* MB*	371-04115-357* MD*	371-04115-462* SB*	371-04115-562* DB*
1A	2	Compressor Contactor (System 1)	024-31110-000	024-31110-000	024-31110-000	024-31110-000	024-31110-000
	2	Compressor Contactor (System 2)	024-31109-000	024-31109-000	024-31109-000	024-31109-000	024-31109-000
1B	1	Compressor Contactor (System 1)	024-31107-000	024-31107-000	024-31107-000	024-31107-000	024-31107-000
	1	Compressor Contactor (System 2)	024-31106-000	024-31106-000	024-31106-000	024-31106-000	024-31106-000
1C	2	Surge Suppressor	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000
1D	2	Mechanical Interlock	024-31601-000	024-31601-000	024-31601-000	024-31601-000	024-31601-000
1G^S	2	Motor Protector	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000
1I	2	Ground Lug	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000
3A	3	Terminal Block (System 1)	025-38364-000	N/A	N/A	N/A	N/A
	3	Terminal Block (System 2)	025-38364-000	N/A	N/A	N/A	N/A
	1	Circuit Breaker (System 1)	N/A	025-34419-000	N/A	025-34419-000	025-34419-000
	1	Circuit Breaker (System 2)	N/A	024-31819-000	N/A	024-31819-000	024-31819-000
	1	NF Disconnect Switch (System 1)	N/A	N/A	024-30963-000	N/A	N/A
	1	NF Disconnect Switch (System 2)	N/A	N/A	024-31888-000	N/A	N/A
3B	2	MP Handle (CB & NFDS)	N/A	025-35697-000	025-35697-000	025-35697-000	025-35697-000
	2	MP Shaft (CB & NFDS)	N/A	025-35696-000	025-35696-000	025-35696-000	025-35696-000
3C	2	Auxiliary Switch	N/A	024-31646-000	024-31646-000	024-31646-000	024-31646-000
3J	1	MP Ground Lug (System 1)	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000
	1	MP Ground Lug (System 2)		025-34088-000	025-34088-000	025-34088-000	025-34088-000
4A	6	Single Point TB	N/A	N/A	N/A	025-38364-000	N/A
	1	Single Point CB	N/A	N/A	N/A	N/A	N/A
	1	Single Point NFDS	N/A	N/A	N/A	N/A	024-30964-000
4B	1	SP Handle (CB & NFDS)	N/A	N/A	N/A	N/A	025-35697-000
	1	SP Shaft (CB & NFDS)	N/A	N/A	N/A	N/A	025-35696-000
4C	1	SP Ground Lug	N/A	N/A	N/A	025-34089-000	025-34089-000

XX*	Multi Point supply TB
MB*	Multi Point supply CBs
MD*	Multi Point supply NFDSs
SB*	Single Point TB supply w/ Separate System CBs
DB*	Single Point NFDS supply w/ Separate System CBs

^S Recommended Spare Part

***Service Note:**

Locate the PANEL NUMBER sticker on the upper right hand corner of the power panel, then refer to the appropriate parts list for that number. Or, identify PIN number positions 16 and 17 on unit identification plate (See example on Page 4) then compare to table at right for power configuration options.

OPTIONS AND POWER PANEL COMPONENTS (CONT'D)

TABLE 13 – WYE DELTA POWER PANEL COMPONENTS - MODEL YCAS0515-50
(SEE FIGS. 12-12A, PAGES 36-37)

Item	Qty	Description	YCAS0515-50				
			371-04115-164* XX*	371-04115-264* MB*	371-04115-364* MD*	371-04115-464* SB*	371-04115-568* DB*
1A	2	Compressor Contactor (System 1)	024-31110-000	024-31110-000	024-31110-000	024-31110-000	024-31110-000
	2	Compressor Contactor (System 2)	024-31110-000	024-31110-000	024-31110-000	024-31110-000	024-31110-000
1B	1	Compressor Contactor (System 1)	024-31107-000	024-31107-000	024-31107-000	024-31107-000	024-31107-000
	1	Compressor Contactor (System 2)	024-31107-000	024-31107-000	024-31107-000	024-31107-000	024-31107-000
1C	2	Surge Suppressor	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000
1D	2	Mechanical Interlock	024-31601-000	024-31601-000	024-31601-000	024-31601-000	024-31601-000
1G ^s	2	Motor Protector	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000
1I	2	Ground Lug	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000
3A	3	Terminal Block (System 1)	025-38364-000	N/A	N/A	N/A	N/A
	3	Terminal Block (System 2)	025-38364-000	N/A	N/A	N/A	N/A
	1	Circuit Breaker (System 1)	N/A	025-34419-000	N/A	025-34419-000	025-34419-000
	1	Circuit Breaker (System 2)	N/A	025-34419-000	N/A	025-34419-000	025-34419-000
	1	NF Disconnect Switch (System 1)	N/A	N/A	024-30963-000	N/A	N/A
	1	NF Disconnect Switch (System 2)	N/A	N/A	024-30963-000	N/A	N/A
3B	2	MP Handle (CB & NFDS)	N/A	025-35697-000	025-35697-000	025-35697-000	025-35697-000
	2	MP Shaft (CB & NFDS)	N/A	025-35696-000	025-35696-000	025-35696-000	025-35696-000
3C	2	Auxiliary Switch	N/A	024-31646-000	024-31646-000	024-31646-000	024-31646-000
3J	2	MP Ground Lug	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000
4A	6	Single Point TB	N/A	N/A	N/A	025-38364-000	N/A
	1	Single Point CB	N/A	N/A	N/A	N/A	N/A
	1	Single Point NFDS	N/A	N/A	N/A	N/A	024-30965-000
4B	1	SP Handle (CB & NFDS)	N/A	N/A	N/A	N/A	025-35697-000
	1	SP Shaft (CB & NFDS)	N/A	N/A	N/A	N/A	025-35696-000
4C	1	SP Ground Lug	N/A	N/A	N/A	025-34089-000	025-34085-000

XX*	Multi Point supply TB
MB*	Multi Point supply CBs
MD*	Multi Point supply NFDSs
SB*	Single Point TB supply w/ Separate System CBs
DB*	Single Point NFDS supply w/ Separate System CBs

^s Recommended Spare Part

***Service Note:**

Locate the PANEL NUMBER sticker on the upper right hand corner of the power panel, then refer to the appropriate parts list for that number. Or, identify PIN number positions 16 and 17 on unit identification plate (See example on Page 4) then compare to table at right for power configuration options.

OPTIONS AND POWER PANEL COMPONENTS (CONT'D)

TABLE 13 – WYE DELTA POWER PANEL COMPONENTS - MODEL YCAS0555-50
(SEE FIGS. 12-12A, PAGES 36-37)

Item	Qty	Description	YCAS0555-50				
			371-04115-172* XX*	371-04115-272* MB*	371-04115-365* MD*	371-04115-472* SB*	371-04115-570* DB*
1A	2	Compressor Contactor (System 1)	024-31891-000	024-31891-000	024-31891-000	024-31891-000	024-31891-000
	2	Compressor Contactor (System 2)	024-31110-000	024-31110-000	024-31110-000	024-31110-000	024-31110-000
1B	1	Compressor Contactor (System 1)	024-31109-000	024-31109-000	024-31109-000	024-31109-000	024-31109-000
	1	Compressor Contactor (System 2)	024-31107-000	024-31107-000	024-31107-000	024-31107-000	024-31107-000
1C	2	Surge Suppressor	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000
1D	2	Mechanical Interlock	024-34263-000	024-34263-000	024-34263-000	024-34263-000	024-34263-000
1G^s	2	Motor Protector	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000
1I	2	Ground Lug	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000
3A	3	Terminal Block (System 1)	025-38370-000	N/A	N/A	N/A	N/A
	3	Terminal Block (System 2)	025-38364-000	N/A	N/A	N/A	N/A
	1	Circuit Breaker (System 1)	N/A	025-34424-000	N/A	025-34424-000	025-34424-000
	1	Circuit Breaker (System 2)	N/A	025-34419-000	N/A	025-34419-000	025-34419-000
	1	NF Disconnect Switch (System 1)	N/A	N/A	024-30963-000	N/A	N/A
	1	NF Disconnect Switch (System 2)	N/A	N/A	024-30963-000	N/A	N/A
3B	2	MP Handle (CB & NFDS)	N/A	025-35697-000	025-35697-000	025-35697-000	025-35697-000
	2	MP Shaft (CB & NFDS)	N/A	025-35696-000	025-35696-000	025-35696-000	025-35696-000
3C	2	Auxiliary Switch	N/A	024-31646-000	024-31646-000	024-31646-000	024-31646-000
3J	1	MP Ground Lug (System 1)	025-34085-000	025-34085-000	025-34089-000	025-34085-000	025-34085-000
	1	MP Ground Lug (System 2)	025-34089-000	025-34089-000		025-34089-000	025-34089-000
4A	6	Single Point TB	N/A	N/A	N/A	025-38364-000	N/A
	1	Single Point CB	N/A	N/A	N/A	N/A	N/A
	1	Single Point NFDS	N/A	N/A	N/A	N/A	024-30965-000
4B	1	SP Handle (CB & NFDS)	N/A	N/A	N/A	N/A	025-35697-000
	1	SP Shaft (CB & NFDS)	N/A	N/A	N/A	N/A	025-35696-000
4C	1	SP Ground Lug	N/A	N/A	N/A	025-34089-000	025-34085-000

XX*	Multi Point supply TB
MB*	Multi Point supply CBs
MD*	Multi Point supply NFDSs
SB*	Single Point TB supply w/ Separate System CBs
DB*	Single Point NFDS supply w/ Separate System CBs

^s Recommended Spare Part

***Service Note:**

Locate the **PANEL NUMBER** sticker on the upper right hand corner of the power panel, then refer to the appropriate parts list for that number. Or, identify PIN number positions 16 and 17 on unit identification plate (See example on Page 4) then compare to table at right for power configuration options.

OPTIONS AND POWER PANEL COMPONENTS (CONT'D)

TABLE 13 – WYE DELTA POWER PANEL COMPONENTS - MODEL YCAS0575-50
(SEE FIGS. 12-12A, PAGES 36-37)

Item	Qty	Description	YCAS0575-50				
			371-04115-170* XX*	371-04115-269* MB*	371-04115-369* MD*	371-04115-470* SB*	371-04115-569* DB*
1A	2	Compressor Contactor (System 1)	024-31891-000	024-31891-000	024-31891-000	024-31891-000	024-31891-000
	2	Compressor Contactor (System 2)	024-31891-000	024-31891-000	024-31891-000	024-31891-000	024-31891-000
1B	1	Compressor Contactor (System 1)	024-31109-000	024-31109-000	024-31109-000	024-31109-000	024-31109-000
	1	Compressor Contactor (System 2)	024-31109-000	024-31109-000	024-31109-000	024-31109-000	024-31109-000
1C	2	Surge Suppressor	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000
1D	2	Mechanical Interlock	024-34263-000	024-34263-000	024-34263-000	024-34263-000	024-34263-000
1G^s	2	Motor Protector	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000
1I	2	Ground Lug	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000
3A	3	Terminal Block (System 1)	025-38370-000	N/A	N/A	N/A	N/A
	3	Terminal Block (System 2)	025-38370-000	N/A	N/A	N/A	N/A
	1	Circuit Breaker (System 1)	N/A	025-34424-000	N/A	025-34424-000	025-34424-000
	1	Circuit Breaker (System 2)	N/A	025-34424-000	N/A	025-34424-000	025-34424-000
	1	NF Disconnect Switch (System 1)	N/A	N/A	024-30963-000	N/A	N/A
	1	NF Disconnect Switch (System 2)	N/A	N/A	024-30963-000	N/A	N/A
3B	2	MP Handle (CB & NFDS)	N/A	025-35697-000	025-35697-000	025-35697-000	025-35697-000
	2	MP Shaft (CB & NFDS)	N/A	025-35696-000	025-35696-000	025-35696-000	025-35696-000
3C	2	Auxiliary Switch	N/A	024-31646-000	024-31646-000	024-31646-000	024-31646-000
3J	2	MP Ground Lug	025-34085-000	025-34085-000	025-34089-000	025-34085-000	025-34085-000
4A	6	Single Point TB	N/A	N/A	N/A	025-38370-000	N/A
	1	Single Point CB	N/A	N/A	N/A	N/A	N/A
	1	Single Point NFDS	N/A	N/A	N/A	N/A	024-30965-000
4B	1	SP Handle (CB & NFDS)	N/A	N/A	N/A	N/A	025-35697-000
	1	SP Shaft (CB & NFDS)	N/A	N/A	N/A	N/A	025-35696-000
4C	1	SP Ground Lug	N/A	N/A	N/A	025-34085-000	025-34085-000

XX*	Multi Point supply TB
MB*	Multi Point supply CBs
MD*	Multi Point supply NFDSs
SB*	Single Point TB supply w/ Separate System CBs
DB*	Single Point NFDS supply w/ Separate System CBs

^s Recommended Spare Part

***Service Note:**

Locate the PANEL NUMBER sticker on the upper right hand corner of the power panel, then refer to the appropriate parts list for that number. Or, identify PIN number positions 16 and 17 on unit identification plate (See example on Page 4) then compare to table at right for power configuration options.

OPTIONS AND POWER PANEL COMPONENTS (CONT'D)

TABLE 13 – WYE DELTA POWER PANEL COMPONENTS - MODEL YCAS0605-50
(SEE FIGS. 12-12A, PAGES 36-37)

Item	Qty	Description	YCAS0605-50				
			371-04115-169* XX*	371-04115-269* MB*	371-04115-369* MD*	371-04115-469* SB*	371-04115-569* DB*
1A	2	Compressor Contactor (System 1)	024-31891-000	024-31891-000	024-31891-000	024-31891-000	024-31891-000
	2	Compressor Contactor (System 2)	024-31891-000	024-31891-000	024-31891-000	024-31891-000	024-31891-000
1B	1	Compressor Contactor (System 1)	024-31109-000	024-31109-000	024-31109-000	024-31109-000	024-31109-000
	1	Compressor Contactor (System 2)	024-31109-000	024-31109-000	024-31109-000	024-31109-000	024-31109-000
1C	2	Surge Suppressor	031-02203-000	031-02203-000	031-02203-000	031-02203-000	031-02203-000
1D	2	Mechanical Interlock	024-34263-000	024-34263-000	024-34263-000	024-34263-000	024-34263-000
1G^s	2	Motor Protector	024-30907-000	024-30907-000	024-30907-000	024-30907-000	024-30907-000
1I	2	Ground Lug	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000
3A	3	Terminal Block (System 1)	025-38364-000	N/A	N/A	N/A	N/A
	3	Terminal Block (System 2)	025-38364-000	N/A	N/A	N/A	N/A
	1	Circuit Breaker (System 1)	N/A	025-34424-000	N/A	025-34424-000	025-34424-000
	1	Circuit Breaker (System 2)	N/A	025-34424-000	N/A	025-34424-000	025-34424-000
	1	NF Disconnect Switch (System 1)	N/A	N/A	024-30963-000	N/A	N/A
	1	NF Disconnect Switch (System 2)	N/A	N/A	024-30963-000	N/A	N/A
3B	2	MP Handle (CB & NFDS)	N/A	025-35697-000	025-35697-000	025-35697-000	025-35697-000
	2	MP Shaft (CB & NFDS)	N/A	025-35696-000	025-35696-000	025-35696-000	025-35696-000
3C	2	Auxiliary Switch	N/A	024-31646-000	024-31646-000	024-31646-000	024-31646-000
3J	2	MP Ground Lug	025-34089-000	025-34085-000	025-34089-000	025-34085-000	025-34085-000
4A	6	Single Point TB	N/A	N/A	N/A	025-38364-000	N/A
	1	Single Point CB	N/A	N/A	N/A	N/A	N/A
	1	Single Point NFDS	N/A	N/A	N/A	N/A	024-30965-000
4B	1	SP Handle (CB & NFDS)	N/A	N/A	N/A	N/A	025-35697-000
	1	SP Shaft (CB & NFDS)	N/A	N/A	N/A	N/A	025-35696-000
4C	1	SP Ground Lug	N/A	N/A	N/A	025-34089-000	025-34085-000

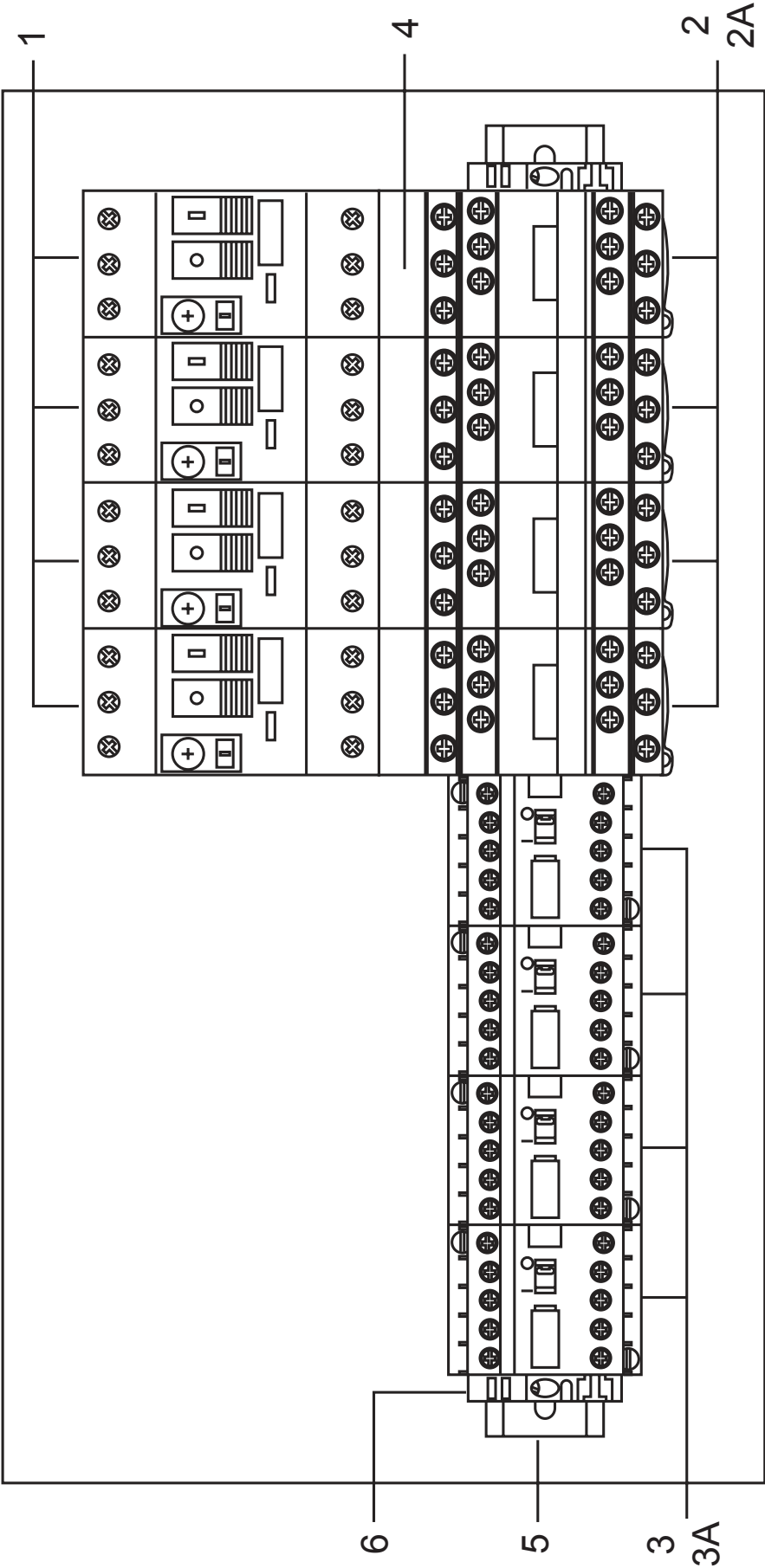
XX*	Multi Point supply TB
MB*	Multi Point supply CBs
MD*	Multi Point supply NFDSs
SB*	Single Point TB supply w/ Separate System CBs
DB*	Single Point NFDS supply w/ Separate System CBs

^s Recommended Spare Part

***Service Note:**

Locate the **PANEL NUMBER** sticker on the upper right hand corner of the power panel, then refer to the appropriate parts list for that number. Or, identify PIN number positions 16 and 17 on unit identification plate (See example on Page 4) then compare to table at right for power configuration options.

FAN CONTACTOR COMPONENTS



* Note: 4 fan panel assembly shown.

FIG. 14 – FAN CONTACTOR COMPONENTS (REF. TABLE 14, PAGE 61)

FAN CONTACTOR COMPONENTS - CONT'D

TABLE 14 – FAN CONTACTOR COMPONENTS (SEE FIG. 14, PAGE 60)

Item #	Description	Qty*	Part Number
1^s	9 Amp OVERLOAD	4	024-33168-000
	12 Amp OVERLOAD		024-33169-000
	Amp OVERLOAD		024-33178-000
	18 Amp OVERLOAD		024-33180-000
2^s	FAN CONTACTOR 200V & 230V	4	024-34300-000
	FAN CONTACTOR 380V, 415V & 460V		024-34302-000
	FAN CONTACTOR 575V		024-34304-000
2A	SUPPRESSOR	4	031-02106-000
3	CONTROL RELAY	4	024-31635-000
3A	SUPPRESSOR	4	031-02107-000
4	MECHANICAL INTERLOCK	4	025-38361-000
5	DIN RAIL, SLOTTED	1	025-29167-000
6	END CLAMP	2	025-34439-000
7	TERMINAL BLOCK - TE-GV1G09	2	024-33189-000

* NOTE: 4 fan quantities are shown in this table. Adjust quantities for 3, 5 and 6 fan assemblies as needed.

^s Recommended Spare Part

SENSOR HARNESSES

Option & Power Panel

49393-1a

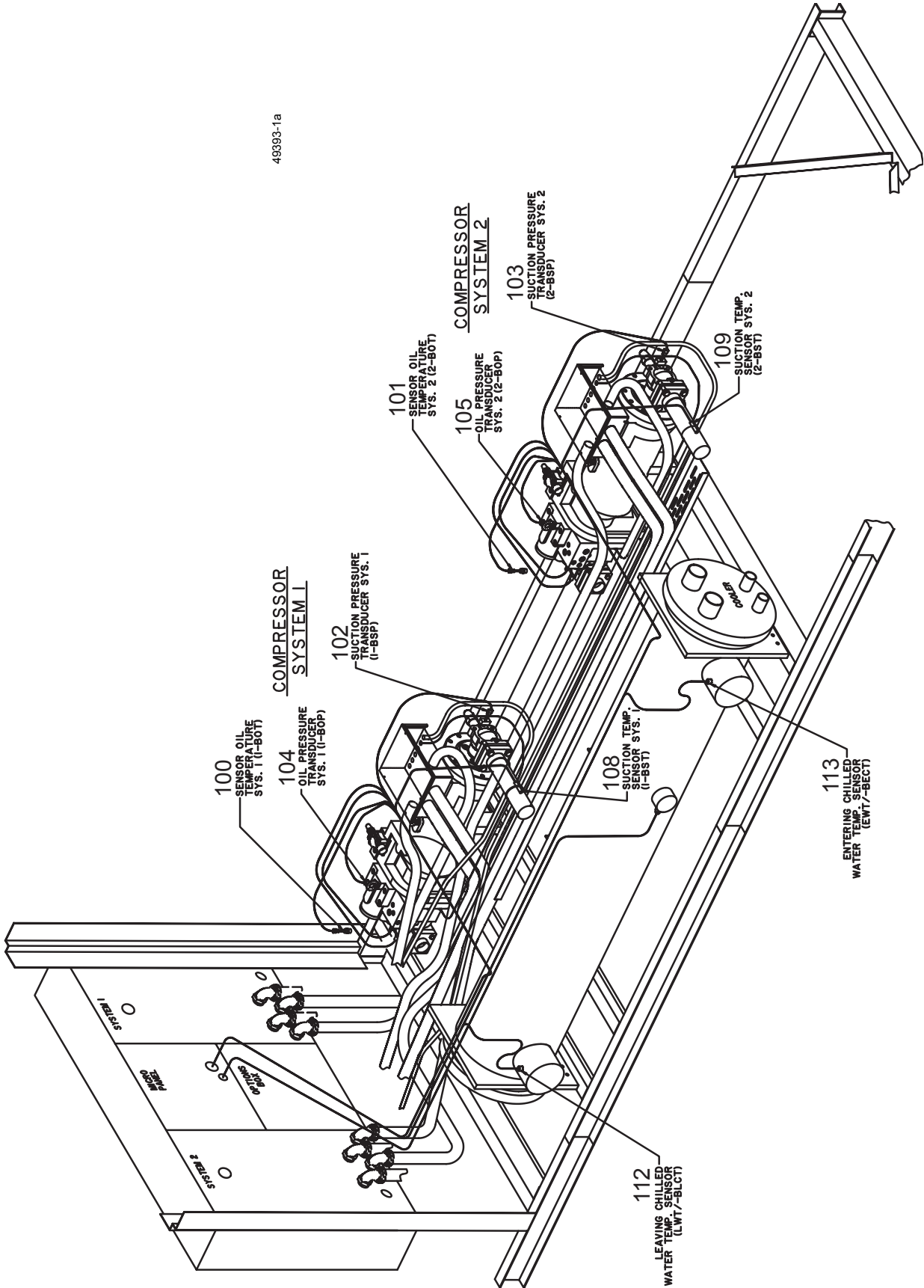


FIG. 15 – HARNESS LAYOUT (REF. TABLE 15, PAGES 64 AND 65)

SENSOR HARNESSES - CONT'D

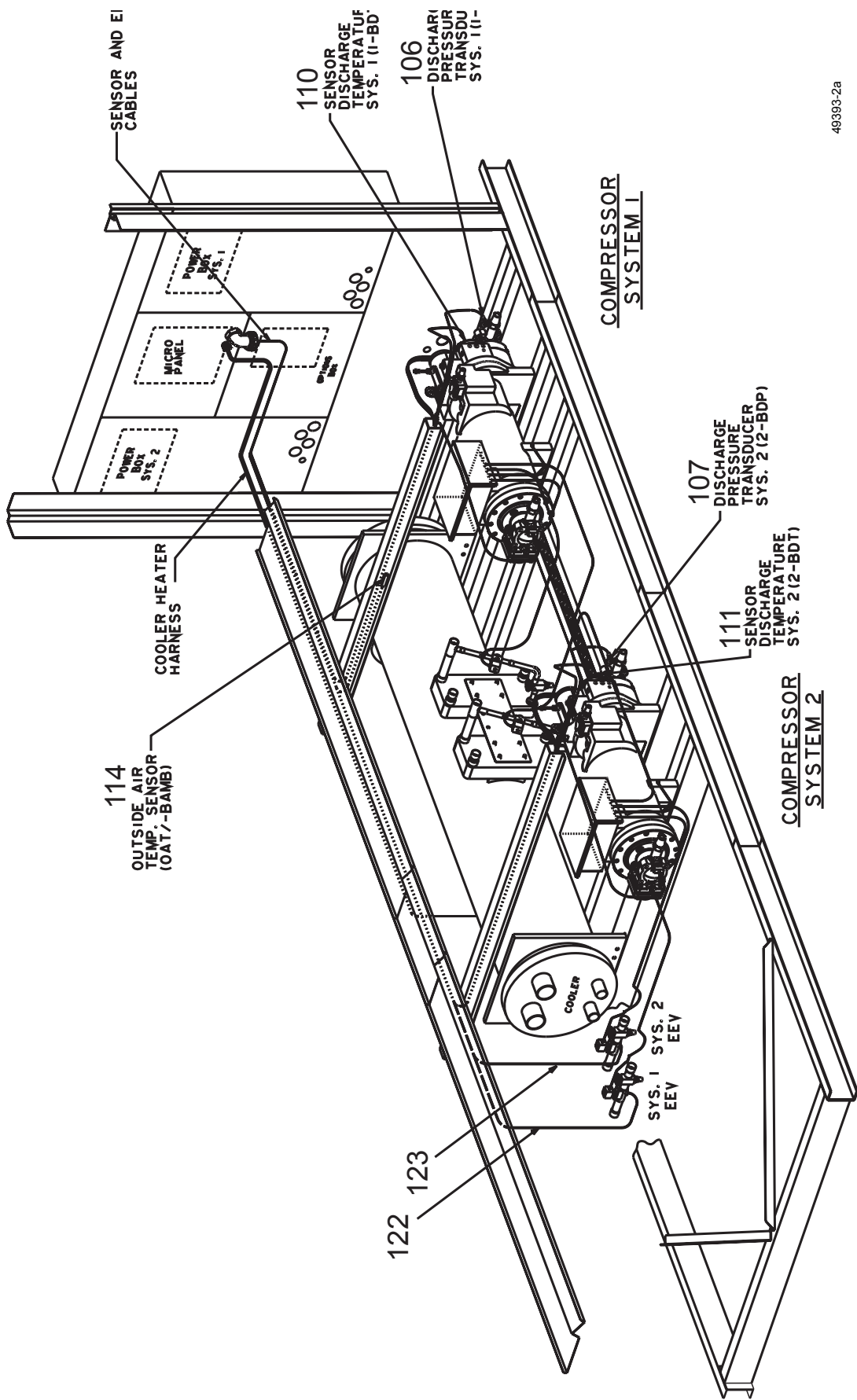


FIG. 15A – HARNESS LAYOUT (REF. TABLE 15, PAGES 64 AND 65)

SENSOR HARNESSES - CONT'D

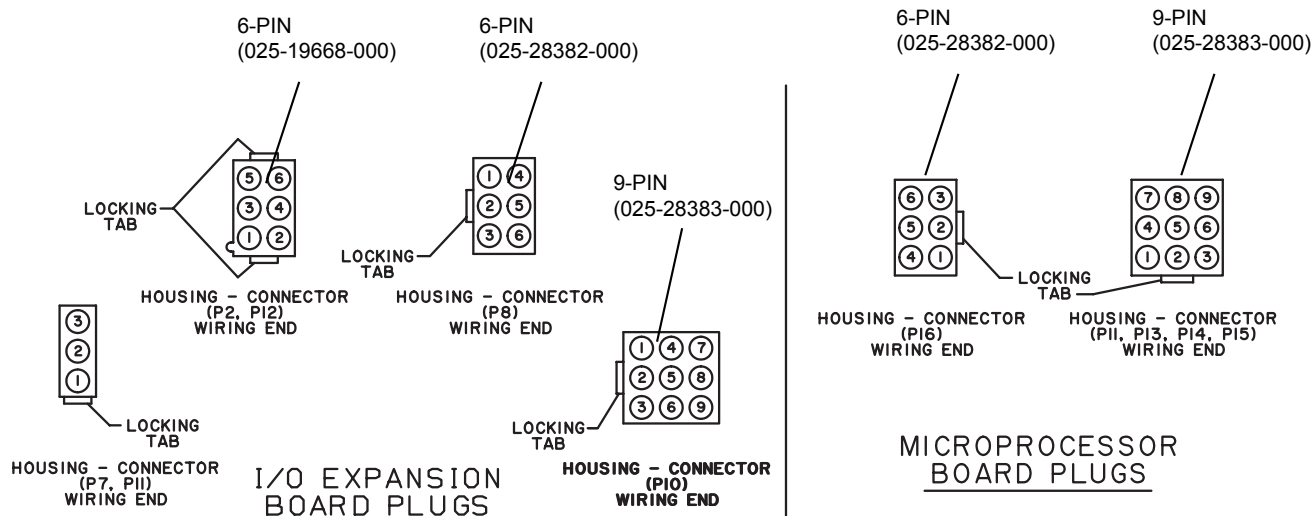
TABLE 15 – SENSOR HARNESS WIRING (SEE FIGS. 15 AND 15A, PAGES 62 AND 63)

Board Location	Cable Item No.	Cable Length	Wire Color	Plug Pin No.	Function	Harness Assembly Part Number
MICRO P13	102	193"	Red	4	System #1 Suction Pressure	375-02253-231
			Black	1		
			White	7		
			Drain	2		
	104	142"	Red	5	System #1 Oil Pressure	375-02253-233
			Black	3		
			White	8		
			Drain	9		
MICRO P14	103	292"	Red	4	System #2 Suction Pressure	375-02253-232
			Black	1		
			White	7		
			Drain	2		
	105	237"	Red	5	System #2 Oil Pressure	375-02253-234
			Black	3		
			White	8		
			Drain	9		
MICRO P11	112	111"	Red	7	Leaving Chilled Water Temperature	375-02253-246
			Black	4		
			Drain	1		
	113	229"	Red	8	Entering Chilled Water Temperature	375-02253-247
			Black	5		
			Drain	2		
	114	229"	Red	9	Outside Air Temperature	375-02253-248
			Black	6		
			Drain	3		
MICRO P15	106	158"	Red	5	System #1 Discharge Pressure	375-02253-235
			Black	3		
			White	8		
			Drain	9		
	107	260"	Red	4	System #2 Discharge Pressure	375-02253-236
			Black	1		
			White	7		
			Drain	2		
MICRO P16	108	182"	Red	5	System #1 Suction Temperature	375-02253-241
			Black	6		
			Drain	1		
	109	280"	Red	2	System #2 Suction Temperature	375-02253-242
			Black	4		
			Drain	3		

SENSOR HARNESSES - CONT'D

TABLE 15 (CONT'D) – SENSOR HARNESS WIRING (SEE FIGS. 15 AND 15A, PAGES 62 AND 63)

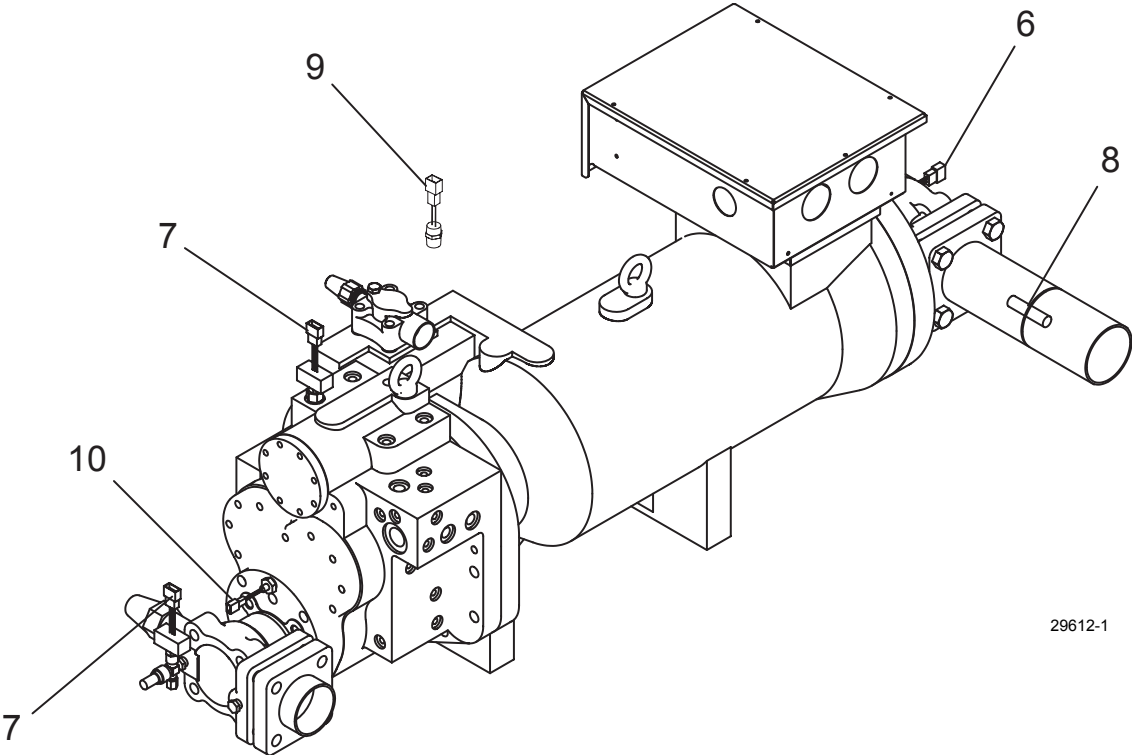
Board Location	Cable Item No.	Cable Length	Wire Color	Plug Pin No.	Function	Harness Assembly Part Number
I/O P10	100	166"	Red	4	System #1 Oil Temperature	375-02253-221
			Black	7		
			Drain	3		
	101	256"	Red	5	System #1 Oil Temperature	375-02253-222
			Black	6		
			Drain	2		
I/O P8	110	178"	Red	2	System #1 Discharge Temperature	375-02253-243
			Black	4		
			Drain	1		
	111	272"	Red	5	System #2 Discharge Temperature	375-02253-244
			Black	6		
			Drain	3		
I/O P2	117	166"	Red (47)	1	System #1 Slide Valve	375-02253-283
			Black (48)	2		
			Drain	6		
I/O P12	118	256"	Red (49)	1	System #2 Slide Valve	375-02253-284
			Black (50)	2		
			Drain	6		
I/O P11	115	168"	Red	1	System #1 Cooler Inlet Refrigerant Temperature Sensor	375-02253-285
			Black	2		
			Drain	3		
I/O P7	116	168"	Red	1	System #2 Cooler Inlet Refrigerant Temperature Sensor	375-02253-286
			Black	2		
			Drain	3		
EEV OUTPUT BOARD AND TRANSFORMER 5T & 6T	122	330	Black	5T	System #1 EEV Output	375-04134-101
			Red	TB 1-2		
	123	331	Black	6T	Sysyem #2 EEV Output	375-04134-102
			Red	TB 2-2		



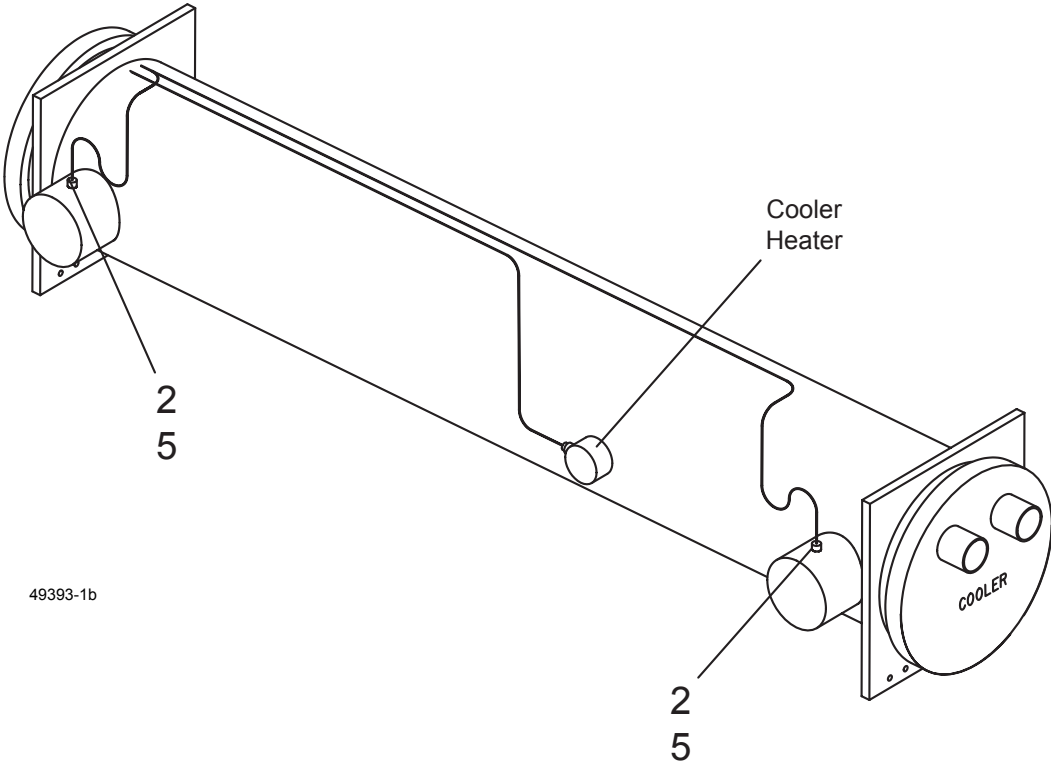
49393-4c

FIG. 16 – SENSOR HOUSING PART NUMBERS

TRANSDUCERS AND TEMP SENSORS



29612-1



49393-1b

FIG. 17 – TRANSDUCERS AND TEMP SENSORS (REF. TABLE 16, PAGE 67)

TRANSDUCERS AND TEMP SENSORS - CONT'D

TABLE 16 – TRANSDUCERS AND TEMP SENSORS (SEE FIG. 17, PAGE 66)

Item #	Quantity	Description	Volt-age Code	Part Number
1^S	1	Sensor, Outside Air Temperature (Not Shown)	All	025-28663-001
2	2	Sensor, Water Temp. (EWT, LWT)	All	025-29964-000
5	-	Compound, Heat Conductive	All	013-00898-000
6^S	1 per system	Transducer, Suction Pressure (0-200psi)	All	025-29583-000
7^S	2 per system	Transducer, Discharge Pressure (0-400psi)	All	025-29139-001
8	1 per system	Sensor, EEV Suction Temperature	All	025-28935-000
9	1 per system	Oil Temperature Sensor	All	025-30440-000
10	1 per system	Discharge Temperature Sensor	All	025-32924-000

^S Recommended Spare Part

TRANSDUCER AND THERMISTOR WIRE HARNESS CONNECTORS - FIELD REPLACEMENT PART NUMBERS

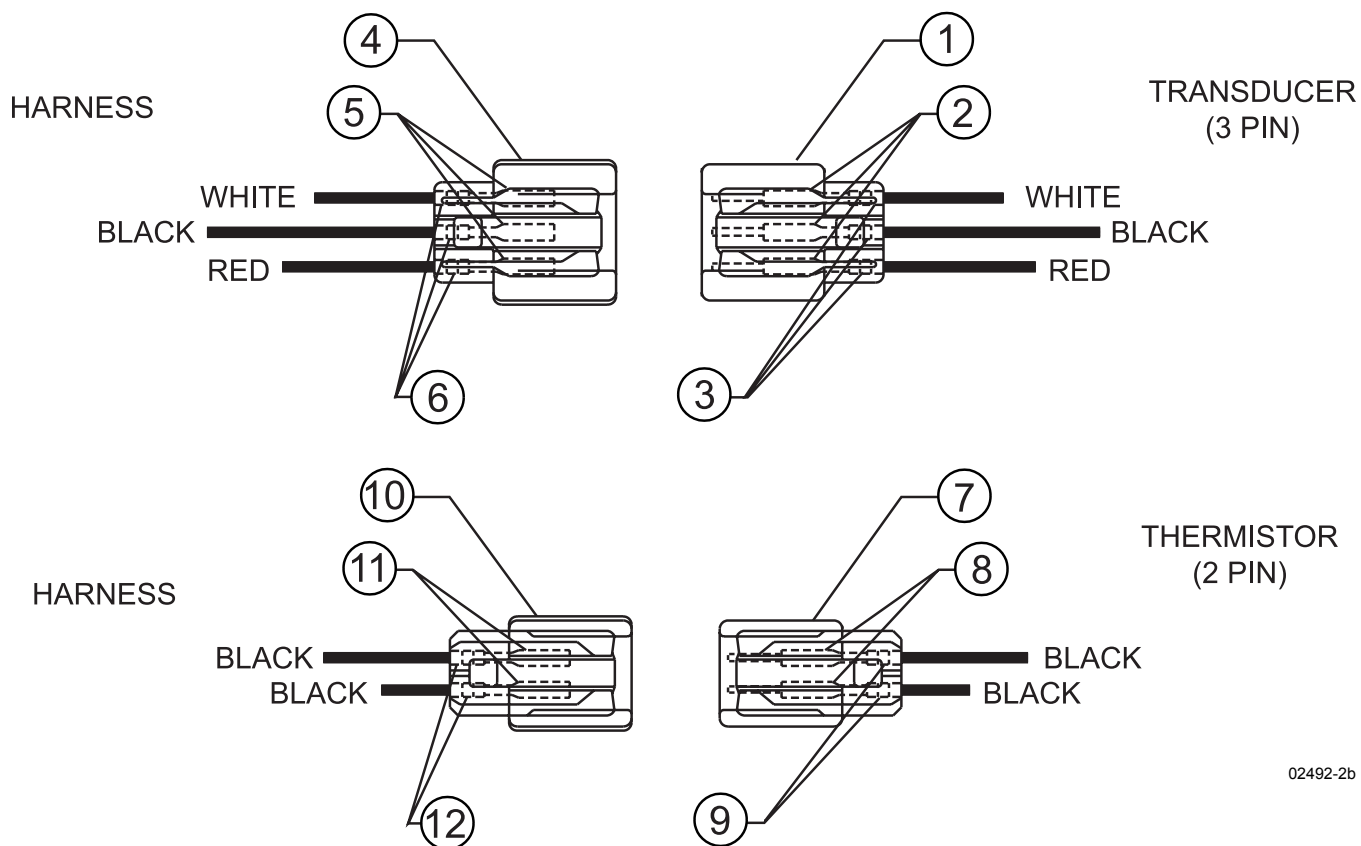


FIG. 18 – TRANSDUCER AND THERMISTOR WIRE HARNESS CONNECTORS - FIELD REPLACEMENT PART NUMBERS (REF. TABLE 17, PAGE 69)

TRANSDUCER AND THERMISTOR WIRE HARNESS CONNECTORS - FIELD REPLACEMENT PART NUMBERS - CONT'D

TABLE 17 – TRANSDUCER AND THERMISTOR WIRE HARNESS CONNECTORS
- FIELD REPLACEMENT PART NUMBERS (SEE FIG. 18, PAGE 68)

Item No.	Location	Description	Pins	Part Number
1	Transducer	Plug Connector	3 Pin End	025-28953-000
2		Contact Pins		025-28949-000
3		Rubber Collar		025-28950-000
4	Wire Harness	Plug Connector	3 Pin End	025-28954-000
5		Contact Pins		025-28952-000
6		Rubber Collar		025-28950-000
7	Transducer	Plug Connector	2 Pin End	025-28948-000
8		Contact Pins		025-28949-000
9		Rubber Collar		025-28950-000
10	Wire Harness	Plug Connector	2 Pin End	025-28951-000
11		Contact Pins		025-28952-000
12		Rubber Collar		025-28950-000

YCAS CHILLER OPTIONS – KITS

TABLE 18 – FIELD INSTALLED OPTIONS PART NUMBERS

MODEL NUMBER YCAS	VIBRATION ISOLATORS SPRING 1" DEFLEC. ALUMINUM* & BLACK FIN	VIBRATION ISOLATORS SPRING 2" (SEISMIC) ALUMINUM* & BLACK FIN	VIBRATION ISOLATOR PAD 1/2" DEFLEC. NEOPRENE	VIBRATION ISOLATORS SPRING 1" DEFLEC. COPPER*	VIBRATION ISOLATORS SPRING 2" (SEISMIC) COPPER*	VIBRATION ISOLATOR PAD 1/2" DEFLEC. NEOPRENE	BAS/EMS CURRENT RESET / OFFSET	BAS/EMS TEMPERA- TURE RESET / OFFSET
MODEL #	029-23707	029-23705	029-23706	029-23707	029-23705	029-23706	371-02590	371-02590
0295	-102	-240	-009	-182	-313	-055	-101	-102
0335	-102	-240	-009	-182	-313	-040	-101	-102
0375	-102	-240	-009	-182	-313	-051	-101	-102
0425	-112	-231	-019	-152	-329	-005	-101	-102
0475	-112	-231	-019	-152	-329	-005	-101	-102
0515	-112	-245	-019	-152	-329	-005	-101	-102
0555	-112	-245	-019	-152	-285	-005	-101	-102
0575	-132	-245	-019	-152	-285	-005	-101	-102
0605	-133	-217	-019	-266	-303	-056	-101	-102

* Note: Condenser Coil Fin Material.

MODEL NUMBER YCAS	STANDARD 150# FLOW SWITCH	OPTIONAL 300# FLOW SWITCH	RELIEF SAFETY DEVICE KIT	WELD FLANGE KIT	VICTAULIC FLANGE KIT	COMPRESSOR BLANKET KIT
MODEL #	024-26116	024-12144	375-23788	366-	023-19046	310-
0295	-000	-000	-001	93921-000	19049-000	N/A
0335						06519-000
0375						
0425				93936-000	19046-000	06514-000
0475						06516-000
0515						
0555						
0575						
0605						

MODEL NUMBER YCAS	WIRE ENCLOSURE (FULL KIT)	LOUVERED ENCLOSURE (FULL KIT)	WIRE / LOUVERED ENCLOSURE (FULL KIT)	LOUVERED ENCLOSURE CONDENSER ONLY (FULL KIT)
0295	475-29513-012	475-30184-012	475-29515-012	475-29516-012
0335	475-29513-012	475-30184-012	475-29515-012	475-29516-012
0375	475-29513-012	475-30184-012	475-29515-012	475-29516-012
0425	475-29513-016	475-30184-016	475-29515-016	475-29516-016
0475	475-29513-016	475-30184-016	475-29515-016	475-29516-016
0515	475-29513-016	475-30184-016	475-29515-016	475-29516-016
0555	475-29513-016	475-30184-016	475-29515-016	475-29516-016
0575	475-29513-016	475-30184-016	475-29515-016	475-29516-016
0605	475-29513-020	475-30184-020	475-29515-020	475-29516-020

TABLE 18A – CONTROL TRANSFORMER KIT

MODEL NUMBERS	VOLTAGE	DESCRIPTION	PART NUMBER
YCAS0295-YCAS0605	-50	KIT, CONTROL TRANSFORMER	375-04121-106

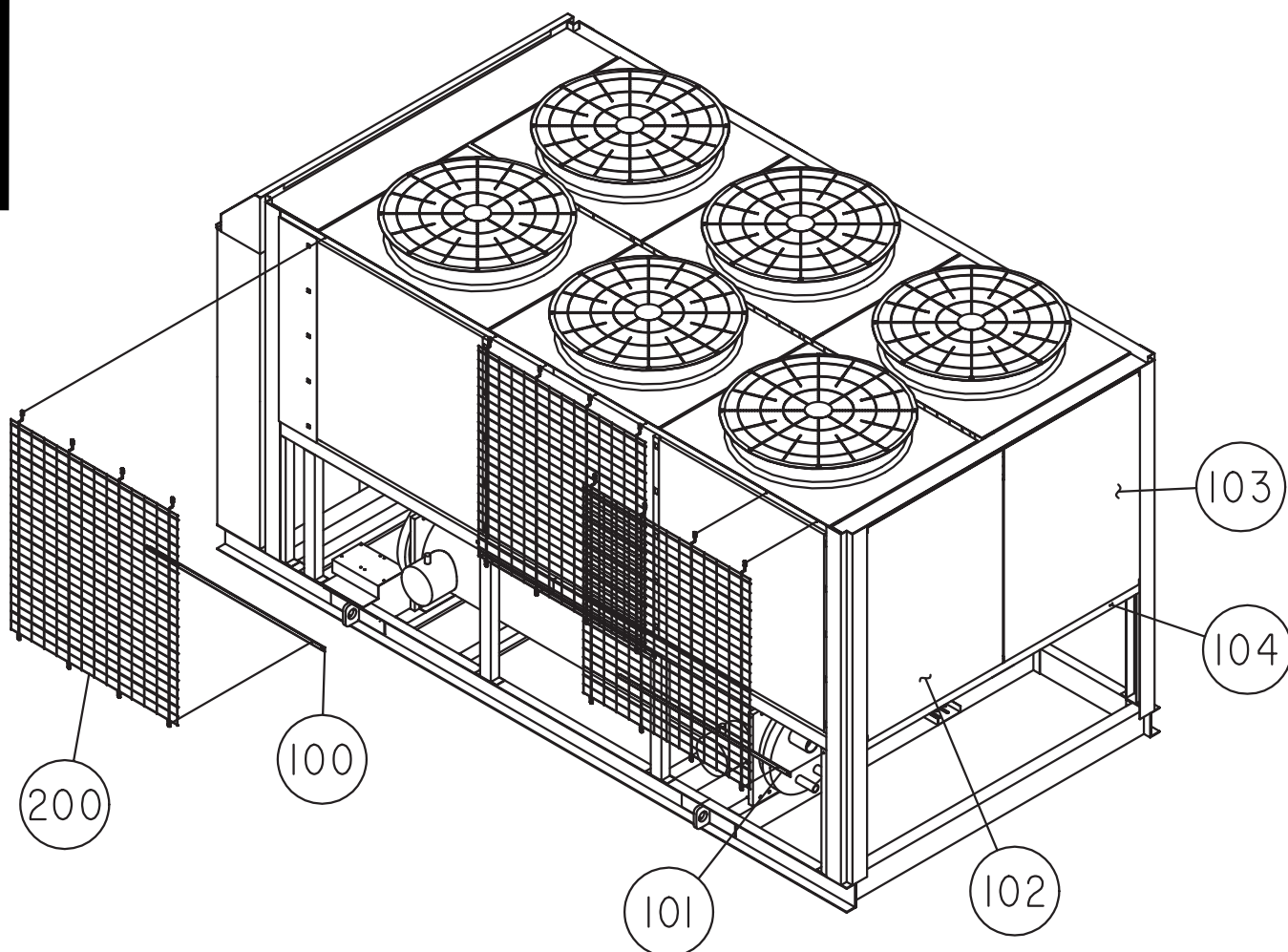
ENCLOSURE KIT OPTIONS

TABLE 19 – ENCLOSURE KIT OPTIONS - TOP AND BOTTOM SECTIONS
(SEE FIGS. 19-22, PAGES 72-75)

MODEL NUMBER YCAS-	WIRE ENCLOSURE	LOUVERED ENCLOSURE	WIRE / LOUVERED ENCLOSURE	LOUVERED ENCLOSURE CONDENSER ONLY
0295 (Top)	475-29569-120	475-29571-120	475-29571-120	475-29571-120
0295 (Bottom)	475-29569-121	475-29571-121	475-29569-121	N/A
0335 (Top)	475-29569-120	475-29571-120	475-29571-120	475-29571-120
0335 (Bottom)	475-29569-121	475-29571-121	475-29569-121	N/A
0375 (Top)	475-29569-120	475-29571-120	475-29571-120	475-29571-120
0375 (Bottom)	475-29569-121	475-29571-121	475-29569-121	N/A
0425 (Top)	475-29569-160	475-29571-160	475-29571-160	475-29571-160
0425 (Bottom)	475-29569-161	475-29571-161	475-29569-161	N/A
0475 (Top)	475-29569-160	475-29571-160	475-29571-160	475-29571-160
0475 (Bottom)	475-29569-161	475-29571-161	475-29569-161	N/A
0515 (Top)	475-29569-160	475-29571-160	475-29571-160	475-29571-160
0515 (Bottom)	475-29569-161	475-29571-161	475-29569-161	N/A
0555 (Top)	475-29569-160	475-29571-160	475-29571-160	475-29571-160
0555 (Bottom)	475-29569-161	475-29571-161	475-29569-161	N/A
0575 (Top)	475-29569-160	475-29571-160	475-29571-160	475-29571-160
0575 (Bottom)	475-29569-161	475-29571-161	475-29569-161	N/A
0605 (Top)	475-29569-200	475-29571-200	475-29571-200	475-29571-200
0605 (Bottom)	475-29569-201	475-29571-201	475-29569-201	N/A

*Note: For full kit part numbers see page 70

ENCLOSURE KIT OPTIONS (CONT'D)



29569-120-2

FIG. 19 – WIRE ENCLOSURE (TOP SECTIONS) - 475-29569-120 SHOWN (REF. TABLE 20)

TABLE 20 – WIRE ENCLOSURE (TOP SECTIONS) - (SEE FIG. 19)

WIRE ENCLOSURE TOP SECTIONS KIT COMPONENTS							
ITEM #	DESCRIPTION	475-29569-120	QTY	475-29569-160	QTY	475-29569-200	QTY
100	Z CHANNEL	075-29588-000	2	075-29588-000	2	075-29588-000	2
101	Z CHANNEL DXST	075-29589-000	4	075-29589-000	6	075-29589-000	8
102	REAR PANEL - LH	075-29532-000	1	075-29532-000	1	075-29532-000	1
103	REAR PANEL - RH	075-29533-000	1	075-29533-000	1	075-29533-000	1
104	SUPPORT RAIL	075-25535-000	1	075-25535-000	1	075-25535-000	1
200	WIRE GRILL CONDENSER	026-36533-000	6	026-36533-000	8	026-36533-000	10
300	HARDWARE KIT (NOT SHOWN)	321-29569-120	1	321-29569-160	1	321-29569-200	1

ENCLOSURE KIT OPTIONS (CONT'D)

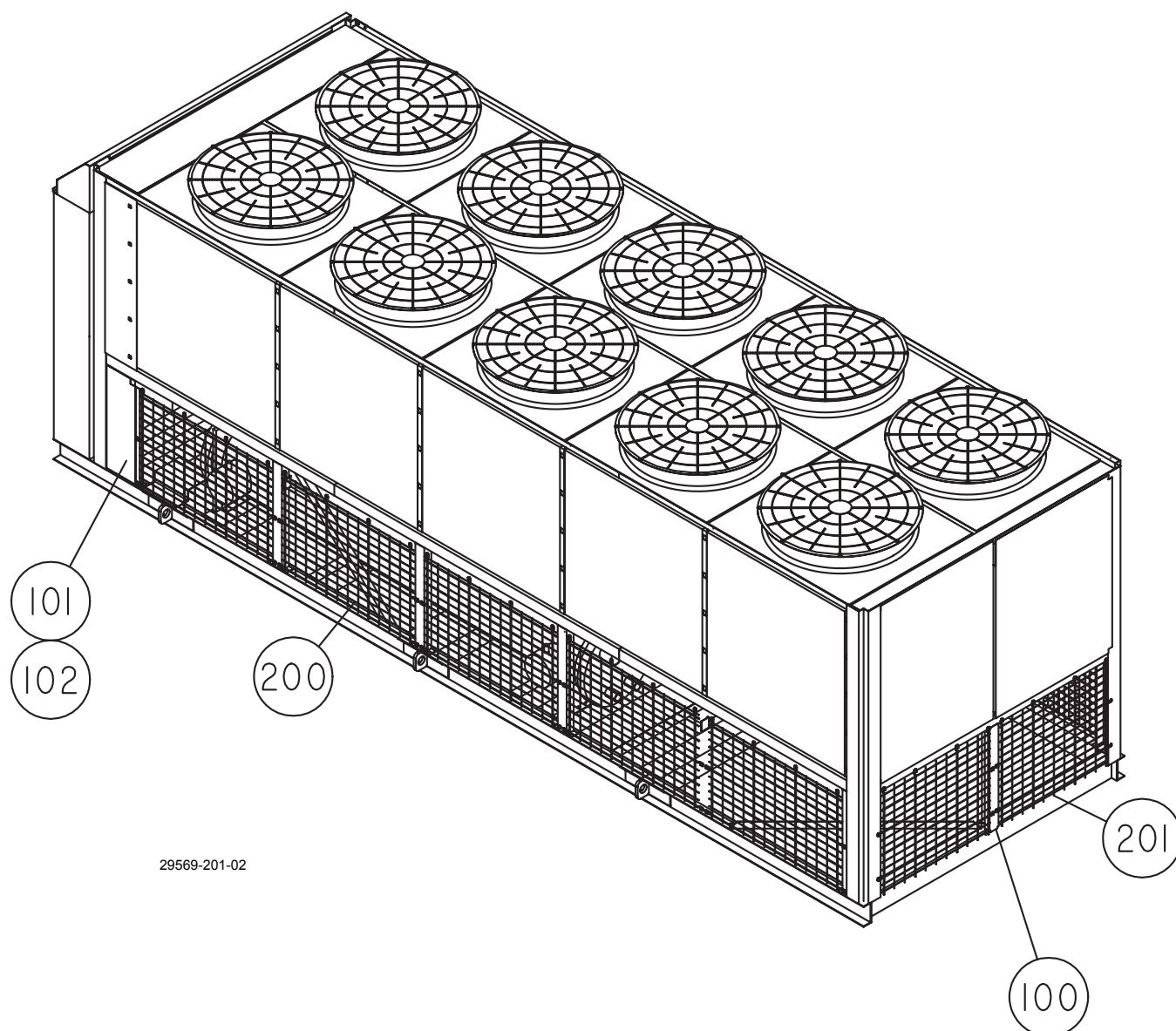
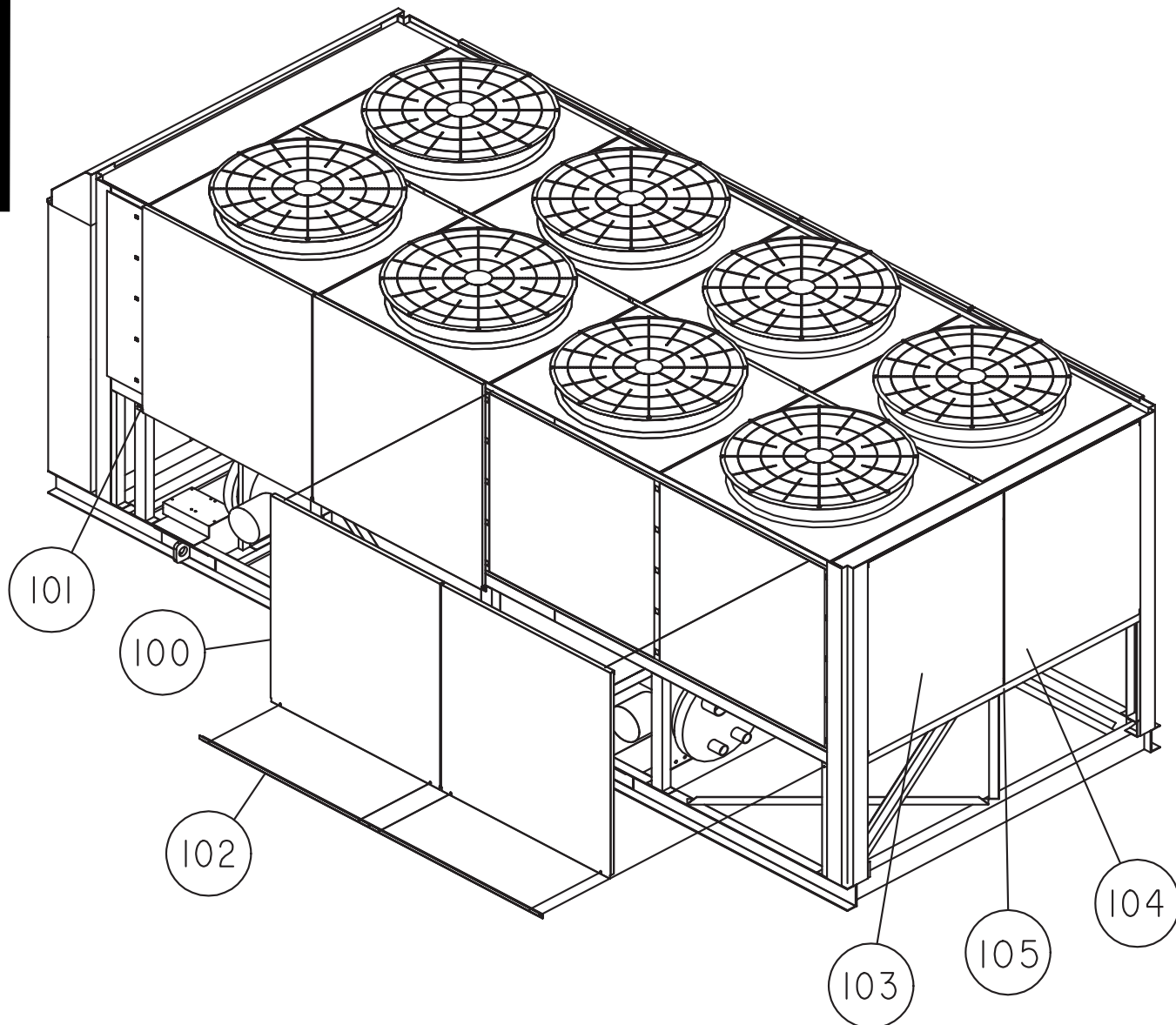


FIG. 20 – WIRE ENCLOSURE (BOTTOM SECTIONS) - 475-29569-201 SHOWN (REF. TABLE 21)

TABLE 21 – WIRE ENCLOSURE (BOTTOM SECTIONS) - (SEE FIG. 20)

WIRE ENCLOSURE BOTTOM SECTIONS KIT COMPONENTS							
ITEM #	DESCRIPTION	475-29569-121	QTY	475-29569-161	QTY	475-29569-201	QTY
100	REAR SUPPORT	075-29590-000	1	075-29590-000	1	075-29590-000	1
101	VANITY PANEL - RH	075-29591-000	1	075-29591-000	1	075-29591-000	1
102	VANITY PANEL - LH	075-29592-000	1	075-29592-000	1	075-29592-000	1
200	WIRE GRILL	026-36534-000	6	026-36534-000	8	026-36534-000	10
201	WIRE GRILL - REAR	026-36535-000	2	026-36535-000	2	026-36535-000	2
300	HARDWARE KIT (NOT SHOWN)	321-29569-121	1	321-29569-161	1	321-29569-201	1

ENCLOSURE KIT OPTIONS (CONT'D)



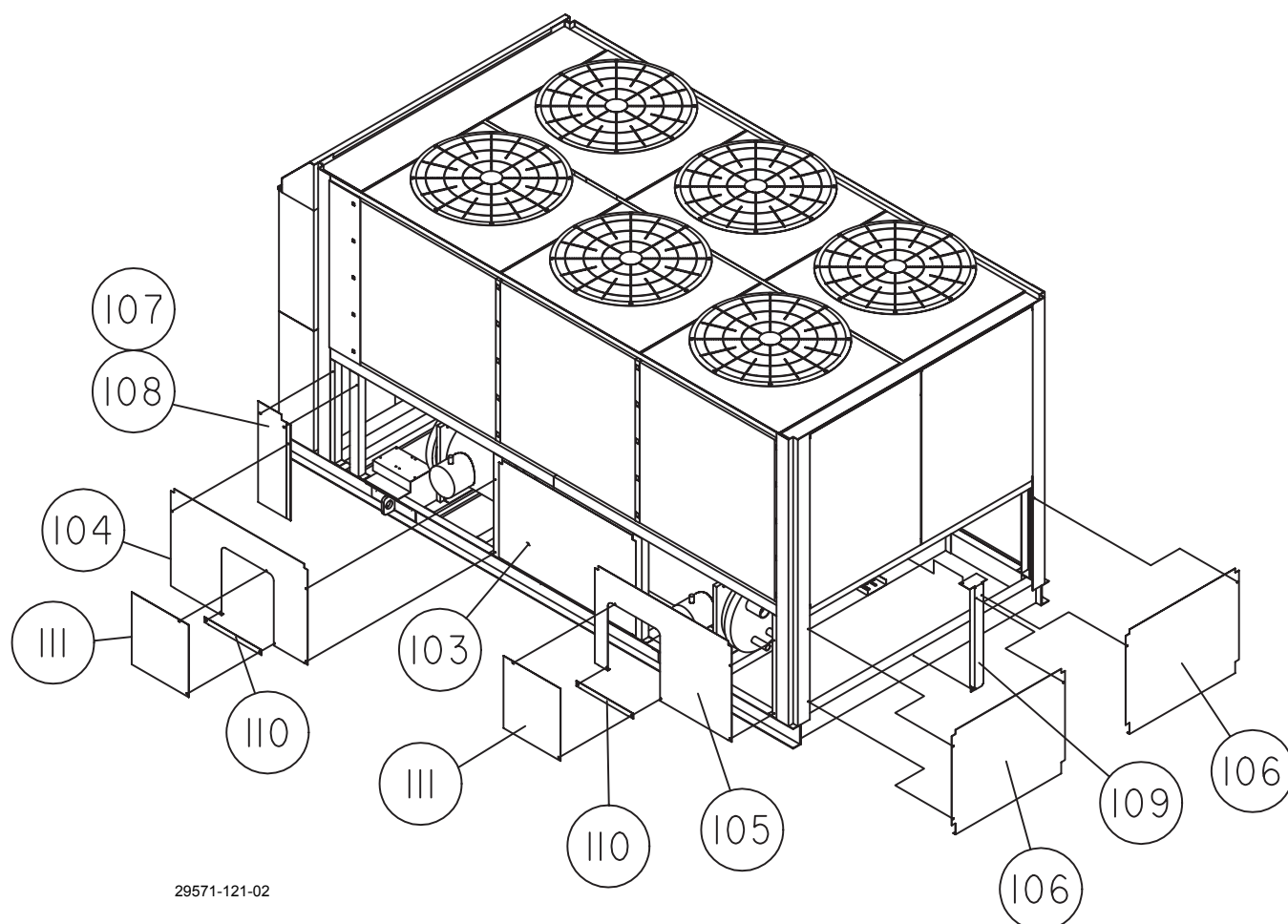
29571-160-2

FIG. 21 – LOUVERED ENCLOSURE (TOP SECTIONS) - 475-29571-160 SHOWN
(REF. TABLE 22)

TABLE 22 – LOUVERED ENCLOSURE (TOP SECTIONS) - (SEE FIG. 21)

LOUVERED ENCLOSURE TOP SECTIONS KIT COMPONENTS							
ITEM #	DESCRIPTION	475-29571-120	QTY	475-29571-160	QTY	475-29571-200	QTY
100	LOUVER PANEL - TOP	075-29580-000	6	075-29580-000	8	075-29580-000	10
101	Z CHANNEL	075-29588-000	2	075-29588-000	2	075-29588-000	2
102	Z CHANNEL	075-29589-000	4	075-29589-000	6	075-29589-000	8
103	REAR PANEL - LH	075-29532-000	1	075-29532-000	1	075-29532-000	1
104	REAR PANEL - RH	075-29533-000	1	075-29533-000	1	075-29533-000	1
105	REAR SUPPORT	075-25535-000	1	075-25535-000	1	075-25535-000	1
300	HARDWARE KIT (NOT SHOWN)	321-29571-120	1	321-29571-160	1	321-29571-200	1

ENCLOSURE KIT OPTIONS (CONT'D)



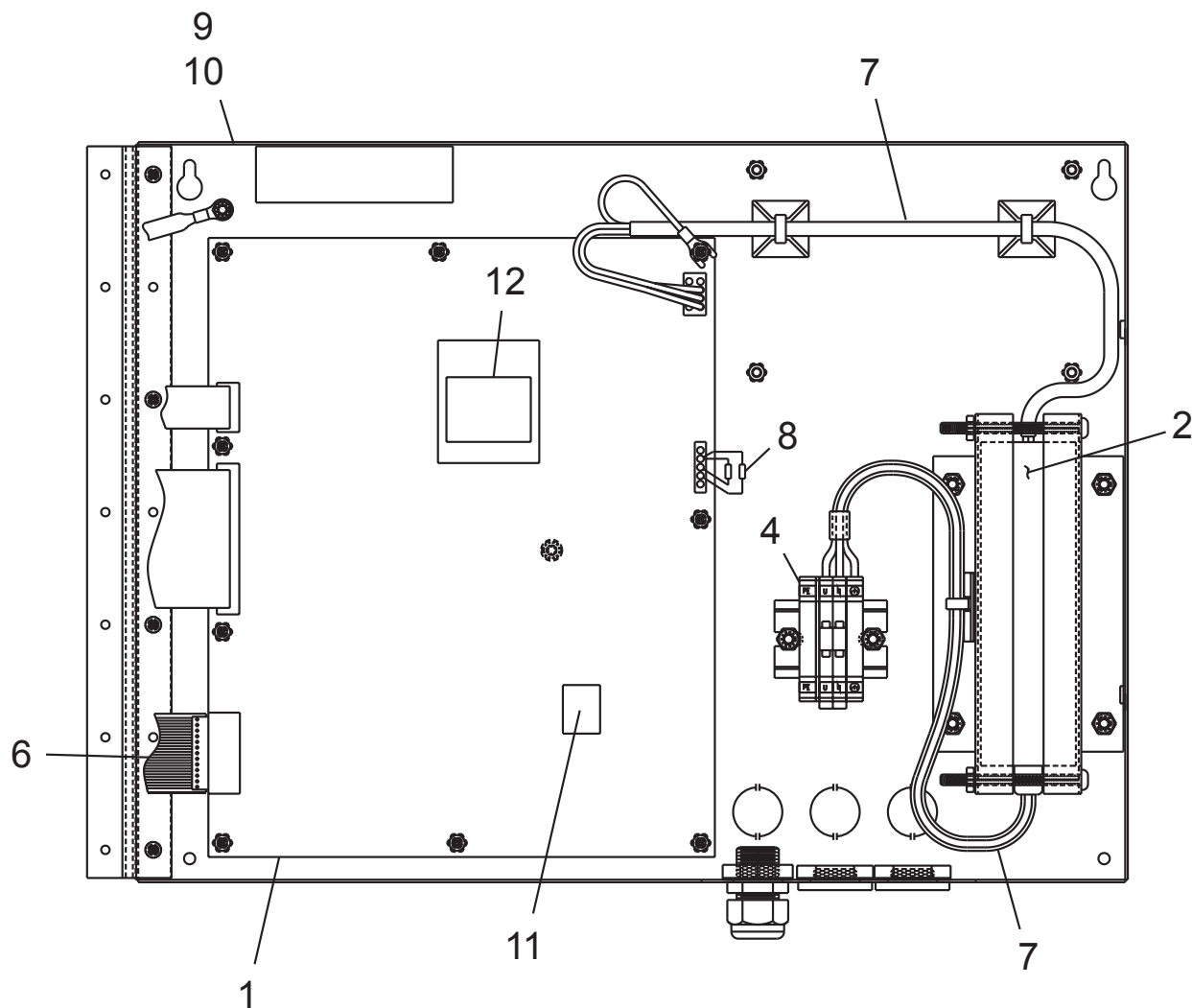
29571-121-02

FIG. 22 – LOUVERED ENCLOSURE (BOTTOM SECTIONS) - 475-29571-121 SHOWN (REF. TABLE 23)

TABLE 23 – LOUVERED ENCLOSURE (BOTTOM SECTIONS) - (SEE FIG. 22)

LOUVERED ENCLOSURE BOTTOM SECTIONS KIT COMPONENTS							
ITEM #	DESCRIPTION	475-29571-121	QTY	475-29571-161	QTY	475-29571-201	QTY
103	LOUVER PANEL	075-29581-000	6	075-29581-000	8	075-29581-000	10
104	LOUVER PANEL	075-29582-000	2	075-29582-000	2	075-29582-000	2
105	LOUVER PANEL	075-29583-000	4	075-29583-000	6	075-29583-000	8
106	LOUVER PANEL	075-29585-000	2	075-29585-000	2	075-29585-000	2
107	VANITY PANEL - RH	075-29591-000	1	075-29591-000	1	075-29591-000	1
108	VANITY PANEL - LH	075-29592-000	1	075-29592-000	1	075-29592-000	1
109	REAR SUPPORT	075-29590-000	1	075-29590-000	1	075-29590-000	1
110	ANGLE SUPPORT	075-29587-000	1	075-29587-000	1	075-29587-000	1
111	COVER PLATE	075-29586-000	1	075-29586-000	1	075-29586-000	1
300	HARDWARE KIT (NOT SHOWN)	321-29571-121	1	321-29571-161	1	321-29571-201	1

OPTIVIEW REMOTE CONTROL CENTER



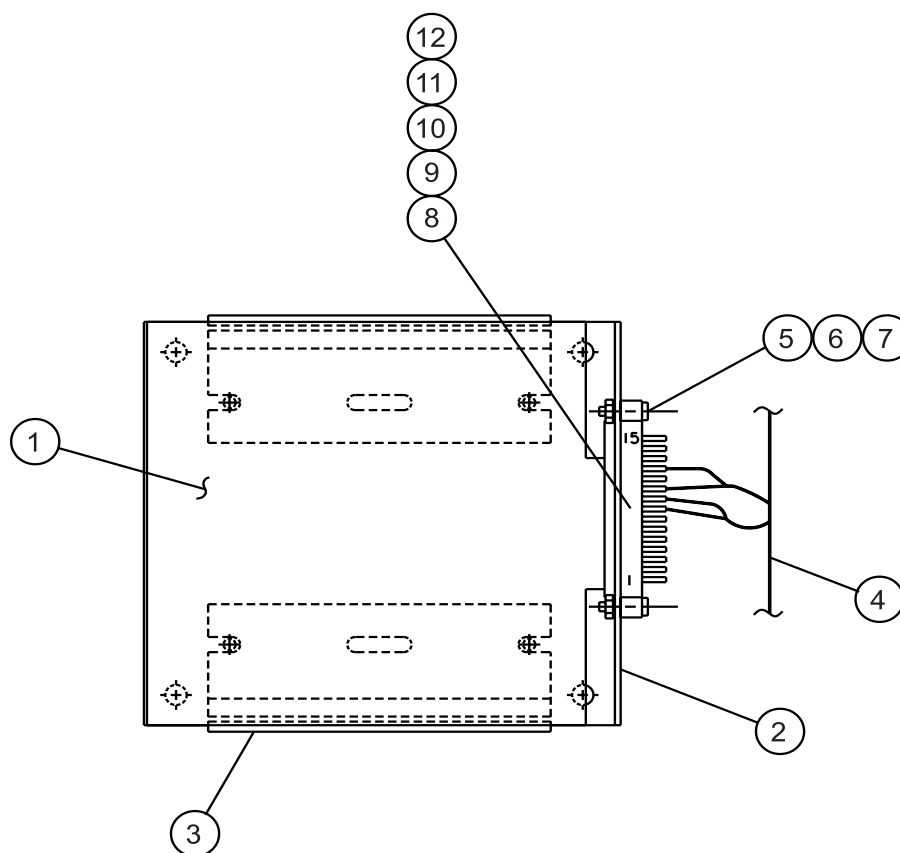
02750-3A

FIG. 23 – OPTIVIEW REMOTE CONTROL CENTER

TABLE 24 – OPTIVIEW REMOTE CONTROL CENTER PARTS - 371-02750-101

ITEM NUMBER	QTY	DESCRIPTION	PART NUMBER
1	1	MICROPROCESSOR BOARD	031-01730-002
2	1	POWER SUPPLY ASSEMBLY	371-02750-411
3	1	KEYPAD (NOT SHOWN)	024-30974-001
4	1	TERMINAL BLOCK	025-35120-000
5	1	DISPLAY (NOT SHOWN)	331-02053-000
6	1	RIBBON CABLE	031-02056-000
7	1	WIRE CABLE	571-02750-421
8	8	LAN TRANSIENT PROTECTION MODULE	031-01586-000
9	1	COVER, REMOTE CONTROL	371-02750-311
10	1	BASE, REMOTE CONTROL	071-02485-320
11	1	EPROM	031-01796-002
12	1	FLASH MEMORY CARD	031-02057-001

REMOTE CURRENT/TEMPERATURE RESET PARTS BREAKDOWN



LD05256

FIG. 24 – REMOTE CURRENT/TEMPERATURE RESET COMPONENTS

TABLE 25 – REMOTE CURRENT OR TEMPERATURE RESET KIT NUMBER 375-90914-000

ITEM NUMBER	QTY	DESCRIPTION	PART NUMBER
1	1	CONTROL, REMOTE CURRENT/TEMPERATURE	031-00814-000
2	1	BRACKET, REMOTE CURRENT/TEMPERATURE RESET	371-01232-361
3	1	TRACK, SNAP	071-01232-363
4	1	WIRING, REMOTE CURRENT/ TEMPERATURE RESET	571-02492-231*
5	2	SCREW, MACHINE PAN HEAD #4	021-17594-000
6	2	NUT, HEX #4-40UNC-2B	021-10056-000
7	2	LOCKWASHER, HELICAL SPRING #4 REG.	021-17576-000

* Refer to **Table 25A**

TABLE 25A – REMOTE RESET WIRING

ITEM NUMBER	QTY	DESCRIPTION	PART NUMBER
8	2	CONTROL, SOC AWG WIRE SIZE 20	025-19674-000
9	2	TERMINAL PUSH ON STRAIGHT	025-06642-000
10	4	TUBING HEAT SHRINKABLE 1/8 ID	025-29632-000
11	1	HGS CONNECTOR ELECTRICAL PLUG	025-32564-000*
12	1	CONNECTOR EDGE, 15 POSITION, 0.125	025-29631-000

RECOMMENDED SPARE PARTS

York Model YCAS Style G Air Cooled Screw Chillers
Suggested Spare Parts List for Critical Duty Applications

TABLE 26 – RECOMMENDED SPARE PARTS - YCAS0295-YCAS0605 CHILLERS

PAGE REF. & ITEM NUMBER	DESCRIPTION	MODEL YCAS	PART NUMBER
Page 10, Item 1	Fan Motor (Standard)	-50	024-30900-001
	Fan Motor (Low Noise)	-50	024-30933-001
Page 11, Item 1	Fan Motor (High Static)	-50	024-24604-001
Page 10, Item 2	Fan Blade (Standard)	All	026-41599-000
	Fan Blade (Low Noise)	All	026-41601-000
Page 11, Item 2	Fan Blade (High Static)	All	026-41602-000
Page 14 and 15, Item 1	Valve, Thermal Expansion	See Table 4	025-34558-xxx
			025-34559-xxx
			025-34560-xxx
Page 14 and 15, Item 5	Core, Dehydrator	All	026-37540-000
Page 26, Item 25	Element, Oil Filter	All	026-35601-000
Page 26, Item 26	O-Ring 2-152	All	028-13849-000
Page 26, Item 31	Valve, Capacity Control	All	025-33205-000
Page 27, Item OIL	Oil, Compressor (Type 'L')	R-22	011-00592-000
		407-C	
Page 31, Item 12	Microboard	All	031-01095-002
Page 31, Item 50	EPROM	All	031-01798-001
Page 42-59, Item 1G	Motor Protector	All	024-30907-000
Page 61, Item 1	Fan Overload	6.3 Amp	024-34449-000
		9.0 Amp	024-34446-000
Page 61, Item 2	Fan Contactor	380V-575V	025-34448-000
Page 67, Item 1	Sensor, Outside Air Temperature	All	025-28663-001
Page 67, Item 6	Transducer, Suction Pressure (0-200psi)	All	025-29583-000
Page 67, Item 7	Transducer, Discharge Pressure (0-400psi)	All	025-29139-001

All parts should be purchased from your local YORK
Sales and Service Center.

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