



**AIR-COOLED LIQUID CHILLERS
HERMETIC SCROLL**

RENEWAL PARTS

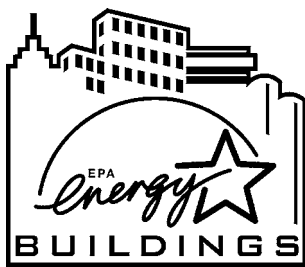
Supercedes: 150.66-RP4 (1206)

Form: 150.66-RP4 (809)

**MODELS YCAL0012, 0018, 0021, 0025, 0027, 0032, 0041, 0045,
0051, 0055, 0061, 0065, AND YCAL0071
STYLE "D"**



29302A



ALLY

12 - 70 TON
35 - 246 Kw
50Hz and 60Hz



200-3-60
230-3-60
315-3-60
380/415-50
460-3-60
575-3-60
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

YCAL0061EC28XDA

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	L	#	#	#	#	E	C	1	7		D	
: YORK : Chiller : Air Cooled : Scroll				Tons/Kw 0012 to 0071				High Efficiency	:R-22	2	8	:200/3/60		:Design Series D
										4	0	:230/3/60	A	:Engineering
										4	6	:380/3/60		Change
										5	0	:460/3/60		or PIN Level
										5	8	:385-415/3/50		
												:575/3/60		
												X	:Across the Line	

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														
S	X			L	H	A	M	T	S	F	G	R	L	C	O	S	#	#	T	S	C	S	B	1	2	X
: SP Terminal Block : SP NF Disconnect Switch : SP Circuit Breaker : Transformer 115/24V (factory) : Power Factor Capacitor				: Low Ambient Kit (factory) : High Ambient Kit (factory) : Both Low / High Ambient (factory) : ISN Microgateway : BAS/EMS Temp. Reset / Offset : Spanish LCD & Keypad Display : French LCD & Keypad Display : German LCD & Keypad Display : Disch Press Transducers / Read : N. American Safety Code (cU.L./ : Motor Current Module : OptiView Remote Control Panel : Sequence Control & Automatic Lead Transfer								:Low Temp. Brine (LBrT) :Thermal Storage :Chicago Relief Code :Serv Isolation Valves :Both Chicago Code & Serv Isolation :Hot Gas By-Pass (# circuits) :Comp. Heater (R-22)														

MP = Multiple Point
SP = Single Point
NFDS = Non-Fused Disconnect Switch
TB = Terminal Block
Ser. = Service
CB = Circuit Breaker

38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	61					
EVAP. FIELD						CONDENSER FIELD			CABINET FIELD						EXTENDED FIELD WARRANTY	REFRIGERANT WARRANTY	PLANT OF MANUFACTURE							
.	D	X	V	S	T	U	D	E	F	A	R	X	C	B	P	1	7	B	L	1	2	5	B	R
: 300 PSIG DWP Waterside : Double Thick Insulation : Weld Flange Kit : Victaulic Flange Kit : One Flow Switch : Two Flow Switch : Three Flow Switch : One Diff. Press. Switch : Two Diff. Press. Switch : Three Diff. Press. Switch : ASME Pressure Vessel & Associated Codes : Remote DX Cooler						: Aluminum : Copper : Black Fin : Phenolic X : TEAO Fan Motors			: Wire Enclosure Panels (factory) : Louvered Enclosure Panels (factory) : Acoustic Sound Blanket : Ultra Low Sound Fans 1 : 1" Deflection S : Seismic N : Neoprene Pads						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	1 : 1 Year Refrigerant 2 : 2 Year Refrigerant 5 : 5 Year Refrigerant	B : Basildon R : Monterrey							

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 56 upon entering the chiller order.

HEAT EXCHANGER AND RELATED COMPONENTS

FLOW SWITCHES:

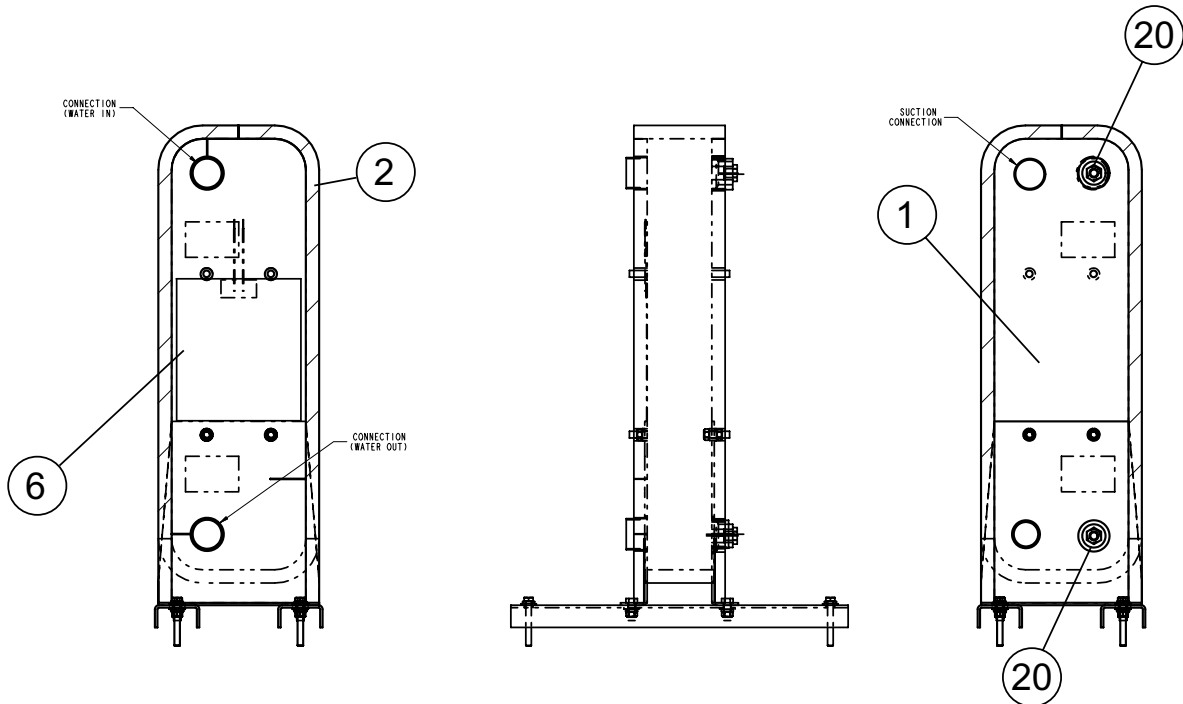
Standard 150# DWP cooler - 024-26116-000

Optional 300# DWP cooler - 024-12144-000

Service Note: Pin Location 38 in Model Number will be

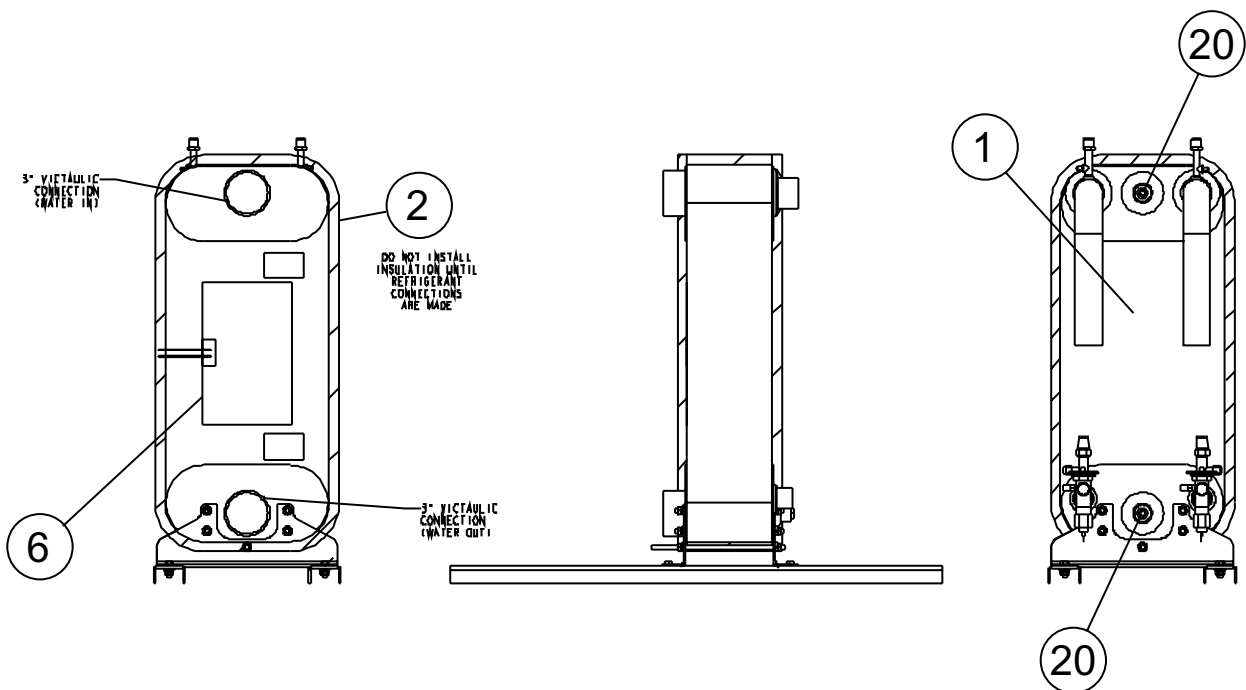
"X" for 150# cooler.

"3" for 300# cooler.



64146-1B

FIG. 1A –HEAT EXCHANGER COMPONENTS - YCAL0012 THROUGH YCAL0032 (REF. TABLE 1, PAGES 6 AND 7)



51928-1C

FIG. 1B –HEAT EXCHANGER COMPONENTS - YCAL0041 THROUGH YCAL0071 (REF. TABLE 1, PAGES 6 AND 7)

HEAT EXCHANGER AND RELATED COMPONENTS (CONT'D)

TABLE 1 – HEAT EXCHANGER AND RELATED COMPONENTS (SEE FIG. 1, PAGE 5)

ITEM NUMBER	QTY PER UNIT	DESCRIPTION	DWP	UNIT MODEL	UNIT MODEL
				YCAL0012	YCAL0018
				375-64146-001	375-61095-001
1	1	Heat Exchanger, less Heater & Insulation	ALL	375-61094-001	375-61094-002
2	-	Insulation (3/4"x49"x65")	ALL	010-05997-000	010-05997-000
	-	Insulation (1 1/2"x49"x65")		010-05998-000	010-05998-000
6	1	Heater, Cooler 100 Watt	ALL	025-40572-000	025-40572-000
20	2	Well, Thermo	ALL	026-32328-000	026-32328-000

ITEM NUMBER	QTY PER UNIT	DESCRIPTION	DWP	UNIT MODEL	UNIT MODEL
				YCAL0021	YCAL0025
				375-64147-001	375-64145-001
1	1	Heat Exchanger, less Heater & Insulation	ALL	375-61094-003	375-61083-004
2	-	Insulation (3/4"x49"x65")	ALL	010-05997-000	010-05997-000
	-	Insulation (1 1/2"x49"x65")		010-05998-000	010-05998-000
6	1	Heater, Cooler 100 Watt	ALL	025-40572-000	025-40572-000
20	2	Well, Thermo	ALL	026-32328-000	026-32328-000

ITEM NUMBER	QTY PER UNIT	DESCRIPTION	DWP	UNIT MODEL	UNIT MODEL
				YCAL0027	YCAL0032
				375-64145-001	375-61087-001
1	1	Heat Exchanger, less Heater & Insulation	ALL	375-61083-004	375-61083-005
2	-	Insulation (3/4"x49"x65")	ALL	010-05997-000	010-05997-000
	-	Insulation (1 1/2"x49"x65")		010-05998-000	010-05998-000
6	1	Heater, Cooler 100 Watt	ALL	025-40572-000	025-40572-000
20	2	Well, Thermo	ALL	026-32328-000	026-32328-000

HEAT EXCHANGER AND RELATED COMPONENTS (CONT'D)

TABLE 1 (CONT'D) – HEAT EXCHANGER AND REALTED COMPONENTS (SEE FIG. 1A, PAGE 5)

ITEM NUMBER	QTY PER UNIT	DESCRIPTION	DWP	UNIT MODEL YCAL0041 375-59428-001	UNIT MODEL YCAL0045 375-59422-001
1	1	Heat Exchanger, less Heater & Insulation	ALL	375-59427-001	375-59421-002
2	-	Insulation (3/4"x49"x65")	ALL	010-05997-000	010-05997-000
	-	Insulation (1 1/2"x49"x65")		010-05998-000	010-05998-000
6	1	Heater, Cooler 100 Watt	ALL	025-40272-000	025-40272-000
20	2	Well, Thermo	ALL	026-32328-000	026-32328-000

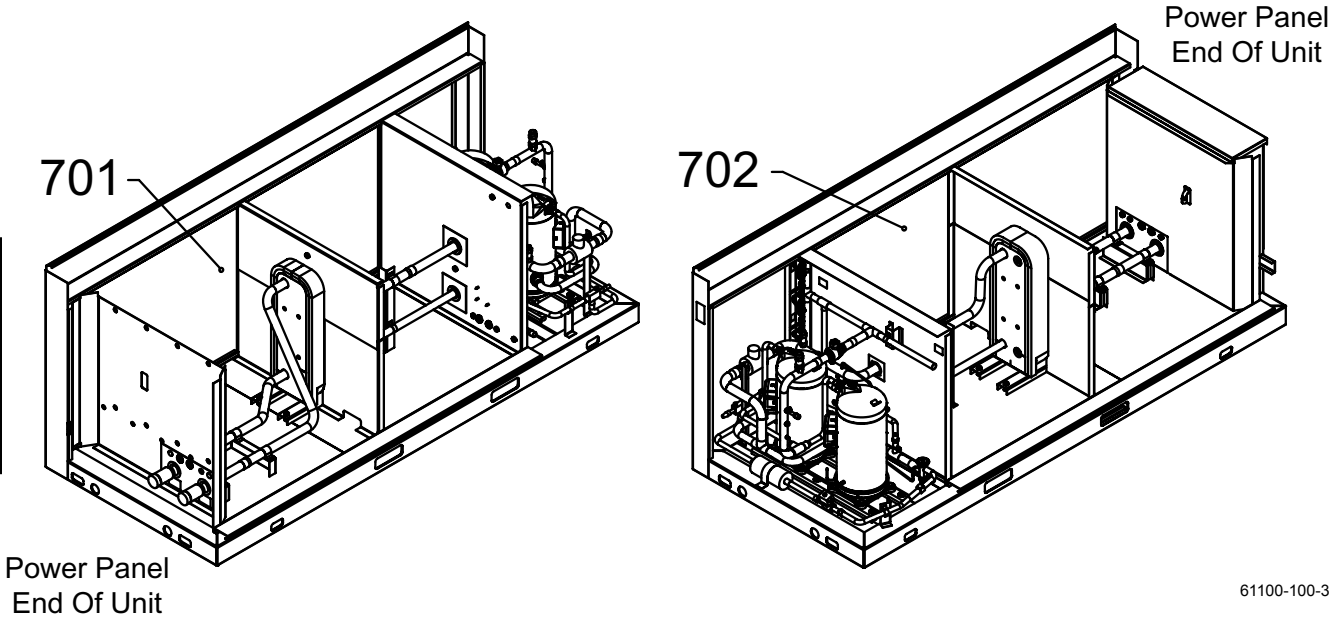
ITEM NUMBER	QTY PER UNIT	DESCRIPTION	DWP	UNIT MODEL YCAL0051 375-59521-001	UNIT MODEL YCAL0055 375-58507-001
1	1	Heat Exchanger, less Heater & Insulation	ALL	375-59520-002	375-58505-003
2	-	Insulation (3/4"x49"x65")	ALL	010-05997-000	010-05997-000
	-	Insulation (1 1/2"x49"x65")		010-05998-000	010-05998-000
6	1	Heater, Cooler 100 Watt	ALL	025-40272-000	025-40272-000
20	2	Well, Thermo	ALL	026-32328-000	026-32328-000

ITEM NUMBER	QTY PER UNIT	DESCRIPTION	DWP	UNIT MODEL YCAL0061 375-59502-001	UNIT MODEL YCAL0065 375-58503-001
1	1	Heat Exchanger, less Heater & Insulation	ALL	375-58501-004	375-58489-004
2	-	Insulation (3/4"x49"x65")	ALL	010-05997-000	010-05997-000
	-	Insulation (1 1/2"x49"x65")		010-05998-000	010-05998-000
6	1	Heater, Cooler 100 Watt	ALL	025-40272-000	025-40272-000
20	2	Well, Thermo	ALL	026-32328-000	026-32328-000

ITEM NUMBER	QTY PER UNIT	DESCRIPTION	DWP	UNIT MODEL YCAL0071 375-65204-001
1	1	Heat Exchanger, less Heater & Insulation	ALL	375-58489-005
2	-	Insulation (3/4"x49"x65")	ALL	010-05997-000
	-	Insulation (1 1/2"x49"x65")		010-05998-000
6	1	Heater, Cooler 100 Watt	ALL	025-40272-000
20	2	Well, Thermo	ALL	026-32328-000

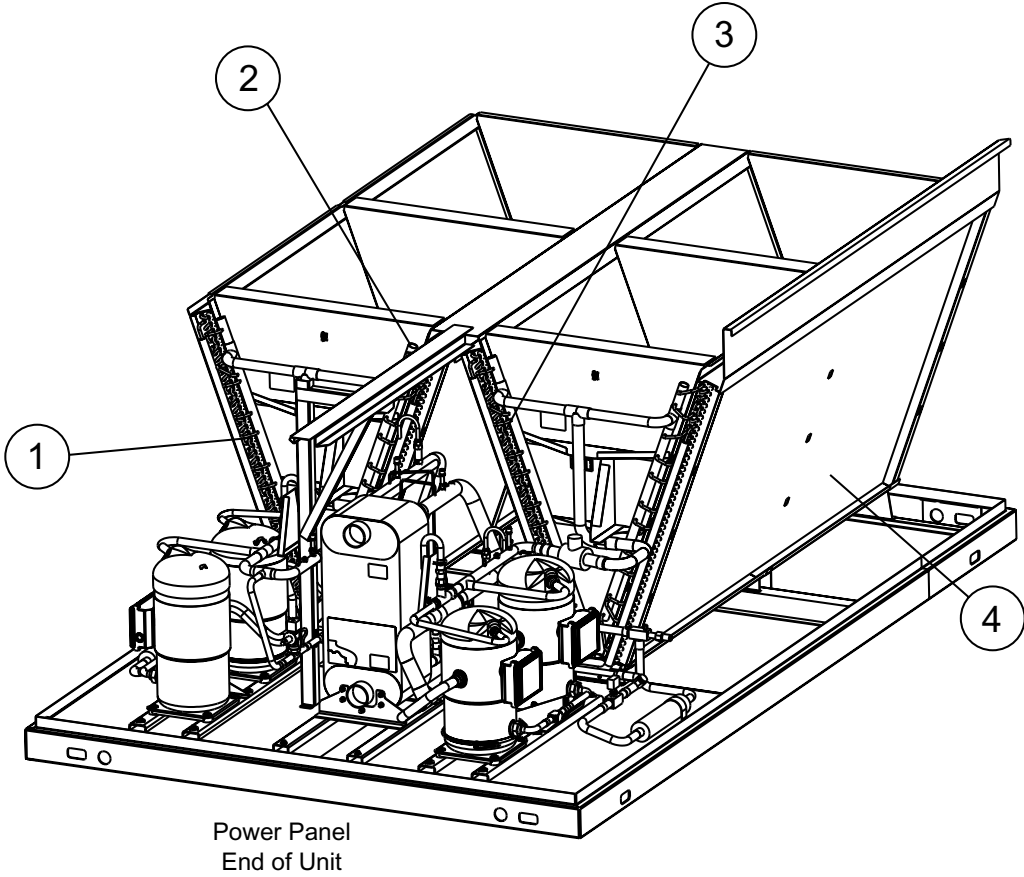
CONDENSER COIL COMPONENTS

Condenser



61100-100-3

FIG. 2 – CONDENSER COIL LAYOUT - YCAL0012 THRU YCAL0032 (REF. TABLE 2, PAGE 9)



LD12477c

FIG. 2A – CONDENSER COIL LAYOUT - YCAL0041 THRU YCAL0071 (REF. TABLE 2A, PAGES 10 AND 11)

CONDENSER COIL COMPONENTS (CONT'D)

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

ITEM NUMBER	DESCRIPTION	POSITION**	QTY	YCAL0012	YCAL0018	YCAL0021
ALUMINUM FIN COILS - 'PIN 45 = X'						
701	Coil Module*	LH	1	375-58294-103	375-58294-103	375-58294-204
702		RH	1	375-58294-104	375-58294-104	375-58294-203
COPPER COILS - 'PIN 45 = C'						
701	Coil Module*	LH	1	375-58294-113	375-58294-113	375-58294-214
702		RH	1	375-58294-114	375-58294-114	375-58294-213
BLACK FIN COILS - 'PIN 45 = B'						
701	Coil Module*	LH	1	375-58294-123	375-58294-123	375-58294-224
702		RH	1	375-58294-124	375-58294-124	375-58294-223
PHENOLIC COILS - 'PIN 45 = P'						
701	Coil Module*	LH	1	375-58294-133	375-58294-133	375-58294-234
702		RH	1	375-58294-134	375-58294-134	375-58294-233

ITEM NUMBER	DESCRIPTION	POSITION**	QTY	YCAL0025	YCAL0027	YCAL0032
ALUMINUM FIN COILS - 'PIN 45 = X'						
701	Coil Module*	LH	1	375-58294-303	375-58294-303	375-58294-303
702		RH	1	375-58294-304	375-58294-304	375-58294-304
COPPER COILS - 'PIN 45 = C'						
701	Coil Module*	LH	1	375-58294-313	375-58294-313	375-58294-313
702		RH	1	375-58294-314	375-58294-314	375-58294-314
BLACK FIN COILS - 'PIN 45 = B'						
701	Coil Module*	LH	1	375-58294-323	375-58294-323	375-58294-323
702		RH	1	375-58294-324	375-58294-324	375-58294-324
PHENOLIC COILS - 'PIN 45 = P'						
701	Coil Module*	LH	1	375-58294-333	375-58294-333	375-58294-333
702		RH	1	375-58294-334	375-58294-334	375-58294-334

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

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

CONDENSOR COIL COMPONENTS (CONT'D)

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

ITEM NUMBER	DESCRIPTION	POSITION**	QTY	YCAL0041 & YCAL0045	YCAL0051	YCAL0055
ALUMINUM FIN COILS - 'PIN 45 = X'						
1	Coil Module*	Sys. 1 LH	1	375-58294-206	375-58294-306	375-58294-403
2		Sys. 1 RH	1	375-58294-205	375-58294-305	375-58294-404
3		Sys. 2 LH	1	375-58294-202	375-58294-302	375-58294-401
4		Sys. 2 RH	1	375-58294-201	375-58294-301	375-58294-402
COPPER COILS - 'PIN 45 = C'						
1	Coil Module*	Sys. 1 LH	1	375-58294-216	375-58294-316	375-58294-413
2		Sys. 1 RH	1	375-58294-215	375-58294-315	375-58294-414
3		Sys. 2 LH	1	375-58294-212	375-58294-312	375-58294-411
4		Sys. 2 RH	1	375-58294-211	375-58294-311	375-58294-412
BLACK FIN COILS - 'PIN 45 = B'						
1	Coil Module*	Sys. 1 LH	1	375-58294-226	375-58294-326	375-58294-423
2		Sys. 1 RH	1	375-58294-225	375-58294-325	375-58294-424
3		Sys. 2 LH	1	375-58294-222	375-58294-322	375-58294-421
4		Sys. 2 RH	1	375-58294-221	375-58294-321	375-58294-422
PHENOLIC COILS - 'PIN 45 = P'						
1	Coil Module*	Sys. 1 LH	1	375-58294-236	375-58294-336	375-58294-433
2		Sys. 1 RH	1	375-58294-235	375-58294-335	375-58294-434
3		Sys. 2 LH	1	375-58294-232	375-58294-332	375-58294-431
4		Sys. 2 RH	1	375-58294-231	375-58294-331	375-58294-432

*Note: Coil Module includes coil and headers.

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

Condenser

CONDENSER COIL COMPONENTS (CONT'D)

TABLE 2A (CONT'D) – CONDENSER COIL COMPONENTS (SEE FIG. 2A, PAGE 8)

ITEM NUMBER	DESCRIPTION	POSITION**	QTY	YCAL0061	YCAL0065	YCAL0071
ALUMINUM FIN COILS - 'PIN 45 = X'						
1	Coil Module*	Sys. 1 LH	1	375-58294-503	375-58294-505	375-58294-509
2		Sys. 1 RH	1	375-58294-504	375-58294-506	375-58294-510
3		Sys. 2 LH	1	375-58294-401	375-58294-501	375-58294-507
4		Sys. 2 RH	1	375-58294-402	375-58294-502	375-58294-508
COPPER COILS - 'PIN 45 = C'						
1	Coil Module*	Sys. 1 LH	1	375-58294-513	375-58294-515	375-58294-519
2		Sys. 1 RH	1	375-58294-514	375-58294-516	375-58294-520
3		Sys. 2 LH	1	375-58294-411	375-58294-511	375-58294-517
4		Sys. 2 RH	1	375-58294-412	375-58294-512	375-58294-518
BLACK FIN COILS - 'PIN 45 = B'						
1	Coil Module*	Sys. 1 LH	1	375-58294-523	375-58294-525	375-58294-529
2		Sys. 1 RH	1	375-58294-524	375-58294-526	375-58294-530
3		Sys. 2 LH	1	375-58294-421	375-58294-521	375-58294-527
4		Sys. 2 RH	1	375-58294-422	375-58294-522	375-58294-528
PHENOLIC COILS - 'PIN 45 = P'						
1	Coil Module*	Sys. 1 LH	1	375-58294-533	375-58294-535	375-58294-539
2		Sys. 1 RH	1	375-58294-534	375-58294-536	375-58294-540
3		Sys. 2 LH	1	375-58294-431	375-58294-531	375-58294-537
4		Sys. 2 RH	1	375-58294-432	375-58294-532	375-58294-538

***Note:** Coil Module 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

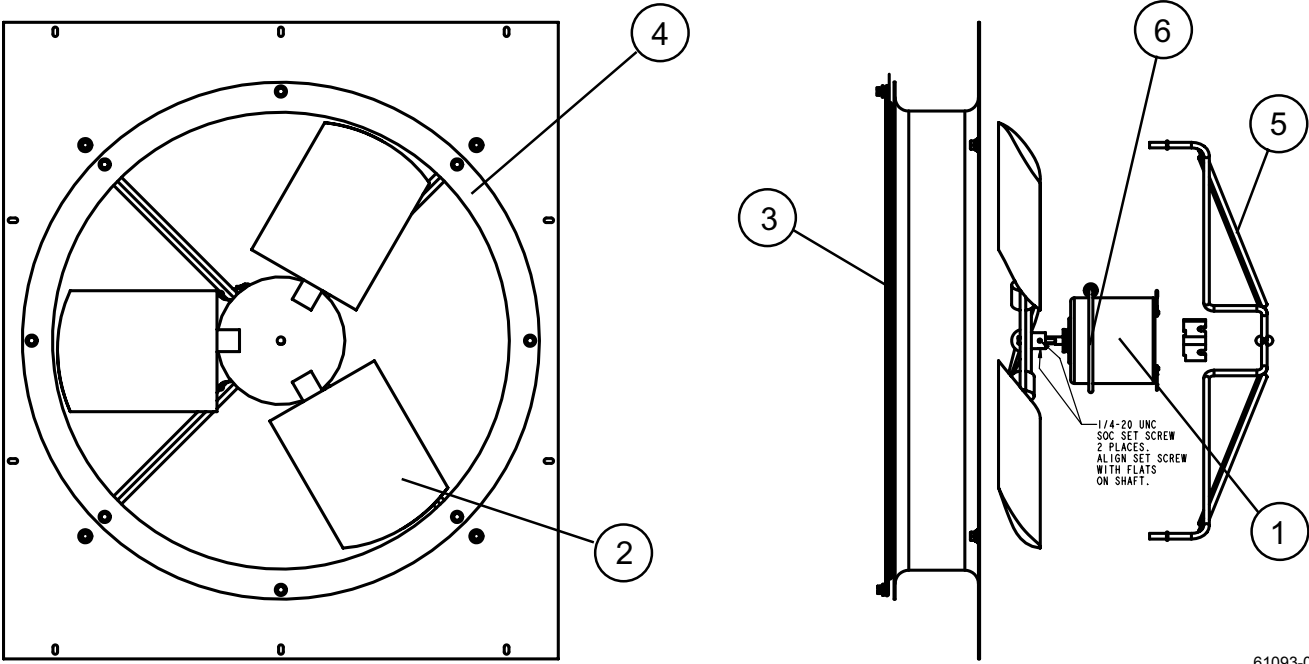
Service Note:

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

Service Note:

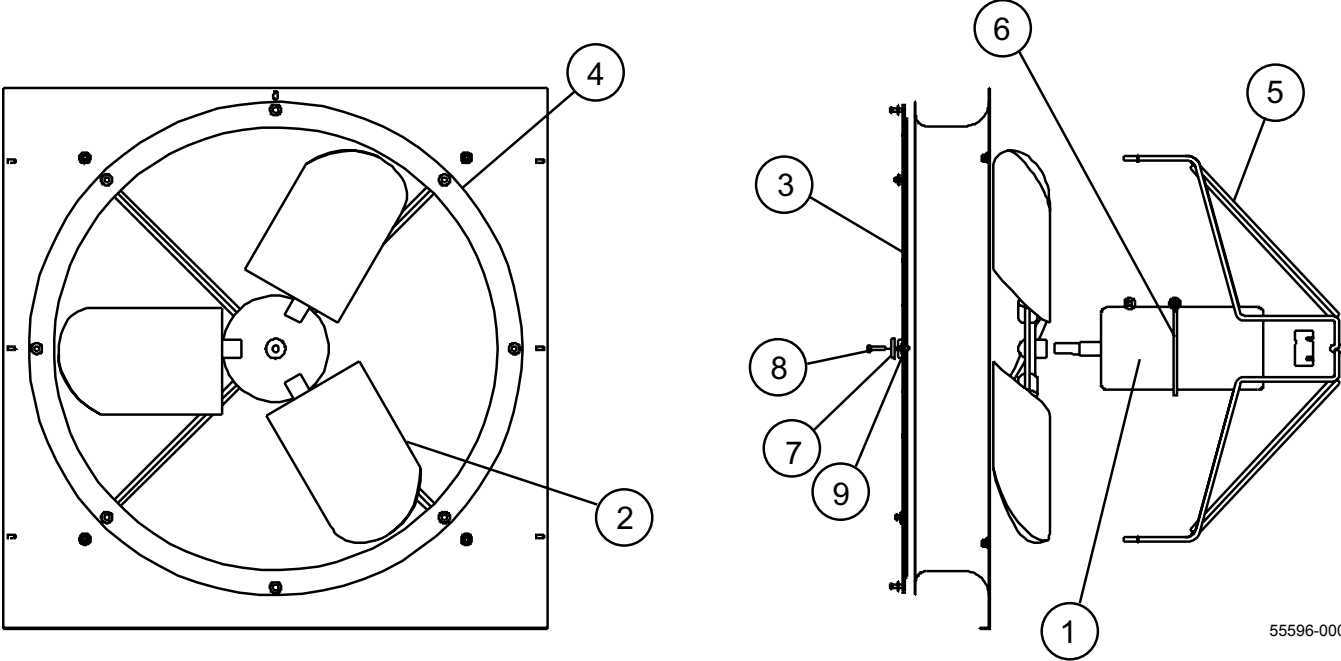
Pin Location 52 in Model Number will be "X" for Standard Fan, or "L" for Ultra Low Noise Fan. See page 4.

Fans



61093-000

FIG. 3 – FAN COMPONENTS - YCAL0012 THRU YCAL0021 SHOWN (REF. TABLE 3, PAGE 13)



55596-000

FIG. 3A – FAN COMPONENTS - YCAL0025 THRU YCAL0071 SHOWN (REF. TABLE 3A, PAGE 13)

FAN COMPONENTS (CONT'D)

TABLE 3 – FAN COMPONENTS - YCAL0012 THRU YCAL0021

ITEM NUMBER	DESCRIPTION	VOLTAGE CODE	FAN TYPE	
			STANDARD 7/8", 1160 RPM	ULTRA LOW NOISE 7/8", 850 RPM
1 ^s	Motor, Fan 2 HP (YCAL0012-YCAL0021)	-17	024-35427-002	N/A
		-28	024-35427-002	
		-40	024-35427-004	
		-46	024-35427-001	
		-50	024-35427-001	
		-58	024-35427-003	
2 ^s	Blade	All	026-43008-000	N/A
3	Guard	All	026-37521-000	
4	Orifice	All	026-43010-000	
5	Support, Fan	All	026-43007-000	N/A
6	Support, Ring	All	026-38369-000	

Fans

TABLE 3A – FAN COMPONENTS - YCAL0025 THRU YCAL0071

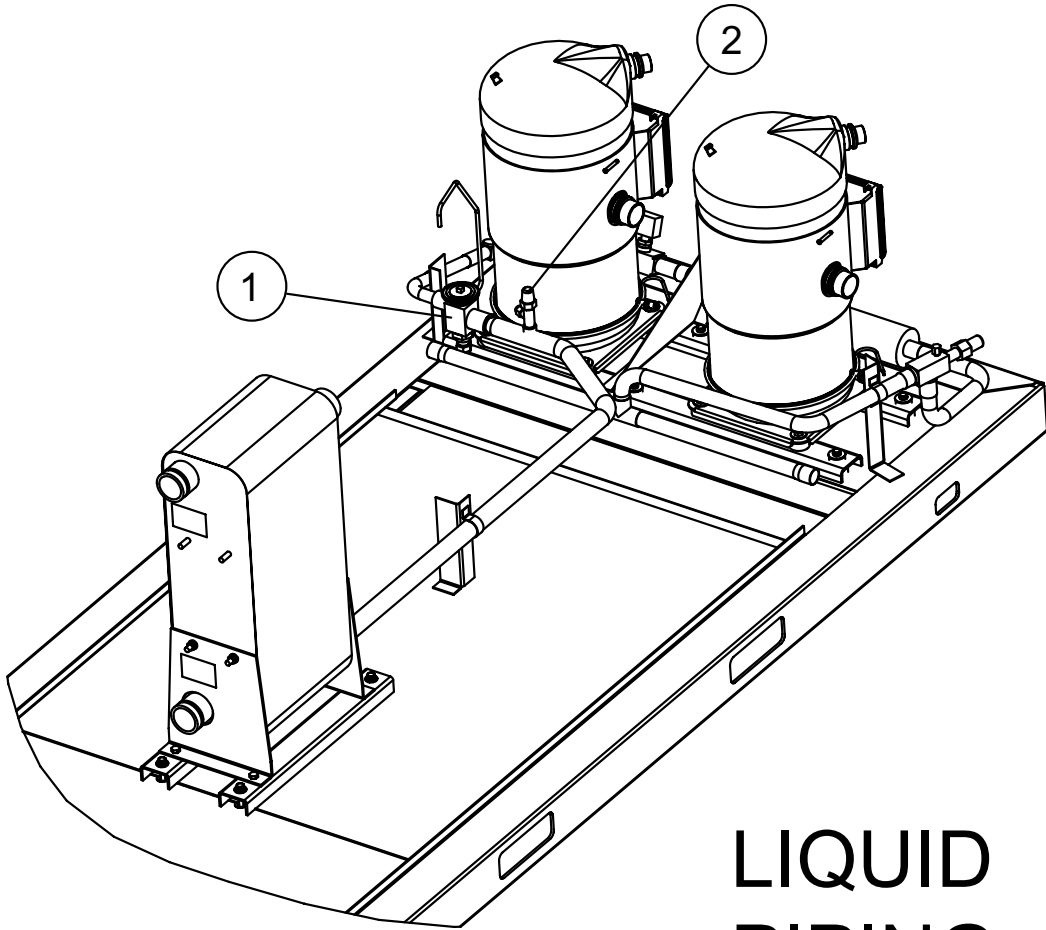
ITEM NUMBER	DESCRIPTION	VOLTAGE CODE	FAN TYPE	
			STANDARD 7/8", 1160 RPM	ULTRA LOW NOISE 7/8", 850 RPM
1 ^s	Motor, Fan 2 HP (YCAL0025-YCAL0071)	-17	024-27322-003	024-30933-002
		-28	024-27322-006	024-30933-002
		-40	024-27322-004	024-30933-004
		-46	024-27322-007	024-34980-001*
		-50	024-27322-007	024-34890-001*
		-58	024-27322-002	024-30933-003
2 ^s	Blade (YCAL0025-YCAL0032)	All	026-43090-000	026-41942-000
	Blade (YCAL0041-YCAL0051)		026-41592-000	026-41593-000
	Blade (YCAL0055-YCAL0071)		026-41594-000	026-41942-000
3	Guard (YCAL0025-YCAL0032)	All	026-35605-000	
	Guard (YCAL0041-YCAL0051)		026-37521-000	
	Guard (YCAL0055-YCAL0071)		026-35605-000	
4	Orifice (YCAL0025-YCAL0032)	All	026-41609-000	
	Orifice (YCAL0041-YCAL0051)		026-42029-000	
	Orifice (YCAL0055-YCAL0071)		026-41609-000	
5	Support, Fan	All	026-41937-000	026-62397-000
				026-62398-000
6	Support, Ring	All	026-36367-000	N/A
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	

* **NOTE:** Motor uses Fan Support 026-41938-000 and Ring Support 026-36367-000

^s = Recommended Spare Parts

REFRIGERANT PIPING COMPONENTS

CHILLER MODELS YCAL0012 - YCAL0032 (STYLE 'D')



LIQUID
PIPING

61088-002-a

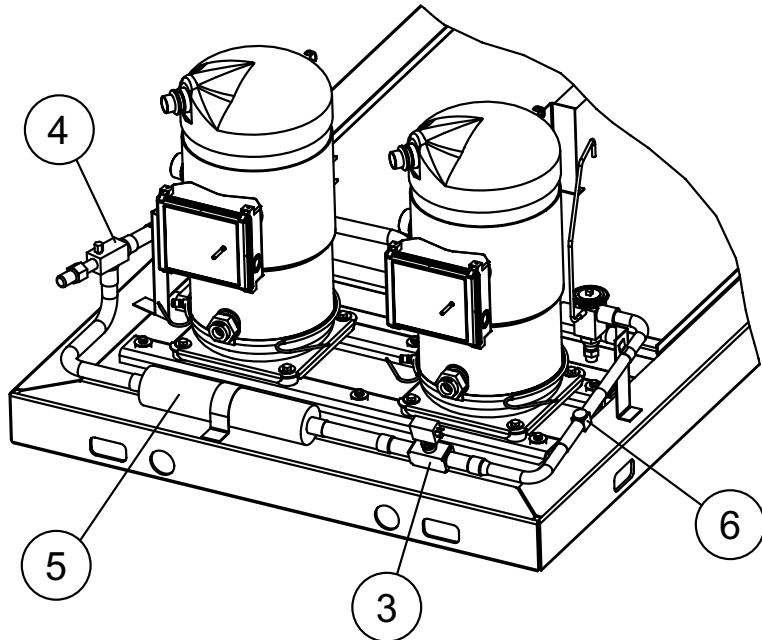


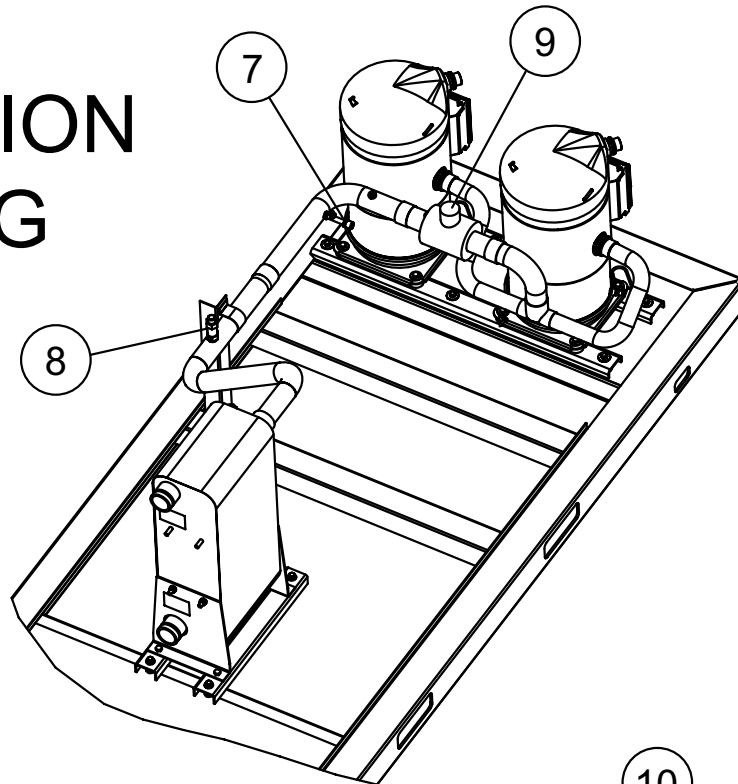
FIG. 4A – REFRIGERANT PIPING COMPONENTS - MODEL YCAL0032 SHOWN
(REF. TABLE 4, PAGE 16)

Piping

REFRIGERANT PIPING COMPONENTS (CONT'D)

CHILLER MODELS YCAL0012 - YCAL0032 (STYLE 'D')

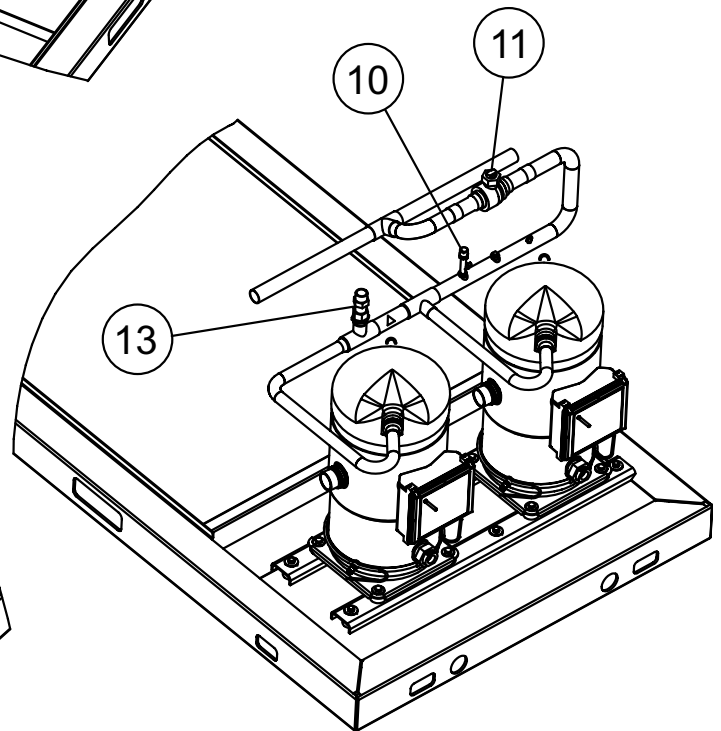
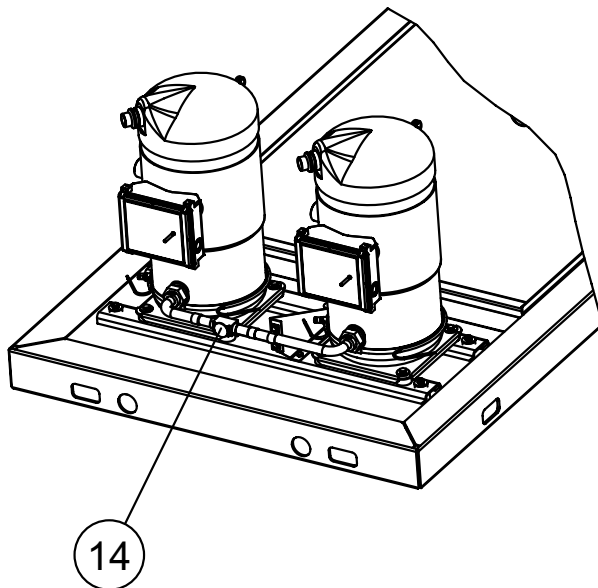
SUCTION PIPING



61088-001-a

Piping

OIL PIPING



DISCHARGE PIPING

FIG. 4B – REFRIGERANT PIPING COMPONENTS - MODEL YCAL0032 SHOWN
(REF. TABLE 4, PAGE 16)

REFRIGERANT PIPING COMPONENTS (CONT'D)

CHILLER MODELS YCAL0012 - YCAL0032 (STYLE 'D')

TABLE 4 – REFRIGERANT PIPING COMPONENTS - YCAL0012 - YCAL0032
(SEE FIGS. 4A AND 4B, PAGES 14 AND 15)

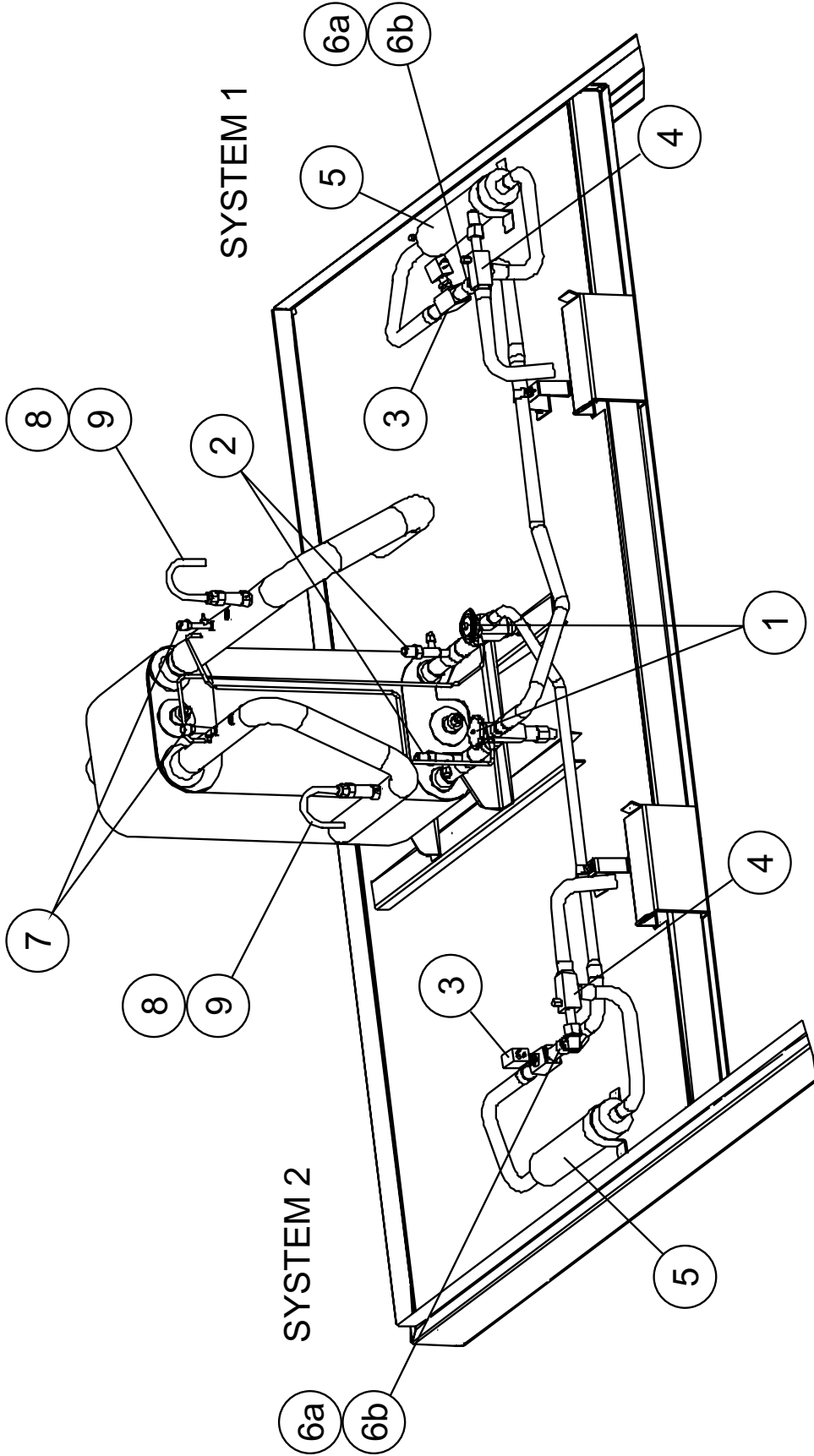
ITEM NO.	QTY PER UNIT	DESCRIPTION	SYS.	YCAL0012	YCAL0018	YCAL0021
				375-61092-xxx	375-61102-xxx	375-61108-xxx
1 ^S	1	Valve, Thermal Expansion	Sys1	025-34155-000	025-40655-000	025-40655-000
2	1	Valve, Liquid Line Charging	Sys1	022-09754-000	022-09754-000	022-09754-000
3	1	Valve, Liquid Line Solenoid	Sys1	025-34585-000	025-34585-000	025-34585-000
4 ^S	1	Valve, Liquid Line	Sys1	022-11306-000	022-11306-000	022-11306-000
5	1	Drier	Sys1	026-35634-000	026-35634-000	026-35634-000
6	1	Moisture Indicator, Liquid Line	Sys1	026-15305-000	026-15305-000	026-15305-000
7	1	Valve, Suction	Sys1	022-00009-000	022-00009-000	022-00009-000
8	1	Valve, Suction Relief	Sys1	022-11386-000	022-11386-000	022-11386-000
	1	Tube w/ Nut (Use with Relief Valve)	Sys1	375-37978-000	375-37978-000	375-37978-000
9	1	Valve, Suction Ball	Sys1	022-09750-000	022-08883-000	022-08883-000
10	1	Valve, Discharge	Sys1	022-00009-000	022-00009-000	022-00009-000
11	1	Valve, Discharge Ball	Sys1	022-09749-000	022-09750-000	022-09750-000
12	2	Compressor	Sys1	See page 25		
13	1	Valve, Discharge Relief	Sys1	022-08863-000	022-08863-000	022-08863-000
	1	Tube (Use with Relief Valve)	Sys1	075-30993-000	075-30993-000	075-30993-000

ITEM NO.	QTY PER UNIT	DESCRIPTION	SYS.	YCAL0025	YCAL0027	YCAL0032
				375-61109-xxx	375-64143-xxx	375-61088-xxx
1 ^S	1	Valve, Thermal Expansion	Sys1	025-27536-000	025-27536-000	025-27536-000
2	1	Valve, Liquid Line Charging	Sys1	022-09754-000	022-09754-000	022-09754-000
3	1	Valve, Liquid Line Solenoid	Sys1	025-33705-000	025-33705-000	025-33705-000
4 ^S	1	Valve, Liquid Line	Sys1	022-10022-000	022-10022-000	022-10022-000
5	1	Dehydrator	Sys1	026-20145-000	026-20145-000	026-20145-000
6	1	Moisture Indicator, Liquid Line	Sys1	026-15305-000	026-15305-000	026-15305-000
7	1	Valve, Suction	Sys1	022-00009-000	022-00009-000	022-00009-000
8	1	Valve, Suction Relief	Sys1	022-11386-000	022-11386-000	022-11386-000
	1	Tube w/ Nut (Use with Relief Valve)	Sys1	375-37978-000	375-37978-000	375-37978-000
9	1	Valve, Suction Ball	Sys1	022-09752-000	022-09752-000	022-09752-000
10	1	Valve, Discharge	Sys1	022-00009-000	022-00009-000	022-00009-000
11	1	Valve, Discharge Ball	Sys1	022-09750-000	022-09750-000	022-09750-000
12	2	Compressor	Sys1	See page 25		
13	1	Valve, Discharge Relief	Sys1	022-10071-000	022-10071-000	022-10071-000
	1	Tube (Use with ITEM 14)	Sys1	075-30993-000	075-30993-000	075-30993-000
14	1	Moisture Indicator, Oil Line	Sys1	026-41616-000	026-41616-000	026-41616-000

^S = Recommended Spare Part

REFRIGERANT PIPING COMPONENTS (CONT'D)

CHILLER MODELS YCAL0041 - YCAL0071 (STYLE 'D')



SUCTION & LIQUID PIPING

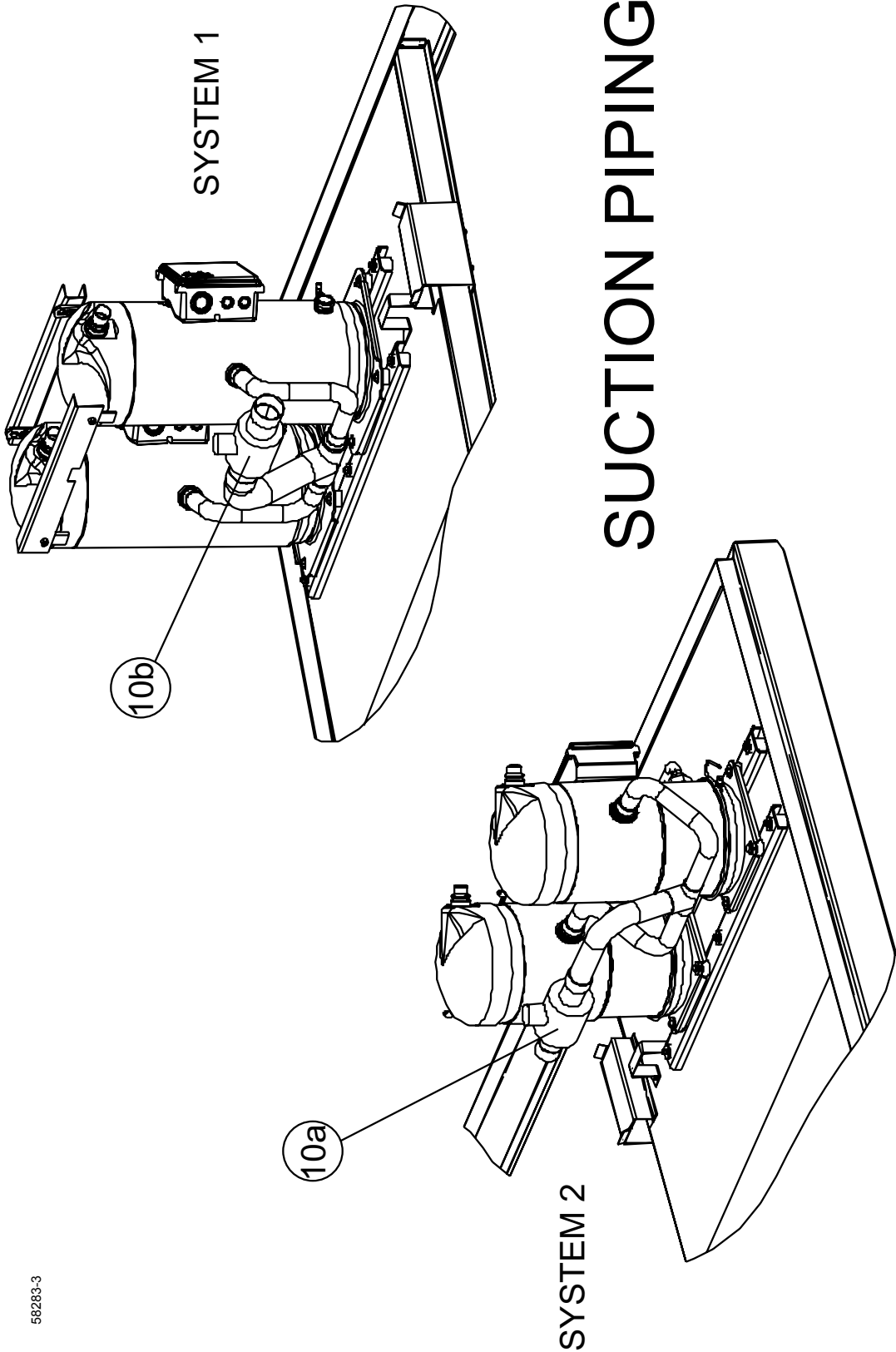
58283-1

FIG. 5A – REFRIGERANT PIPING COMPONENTS - MODEL YCAL0065 SHOWN (REF. TABLE 5, PAGES 21, 22 AND 23)

Piping

REFRIGERANT PIPING COMPONENTS (CONT'D)

CHILLER MODELS YCAL0041 - YCAL0071 (STYLE 'D')

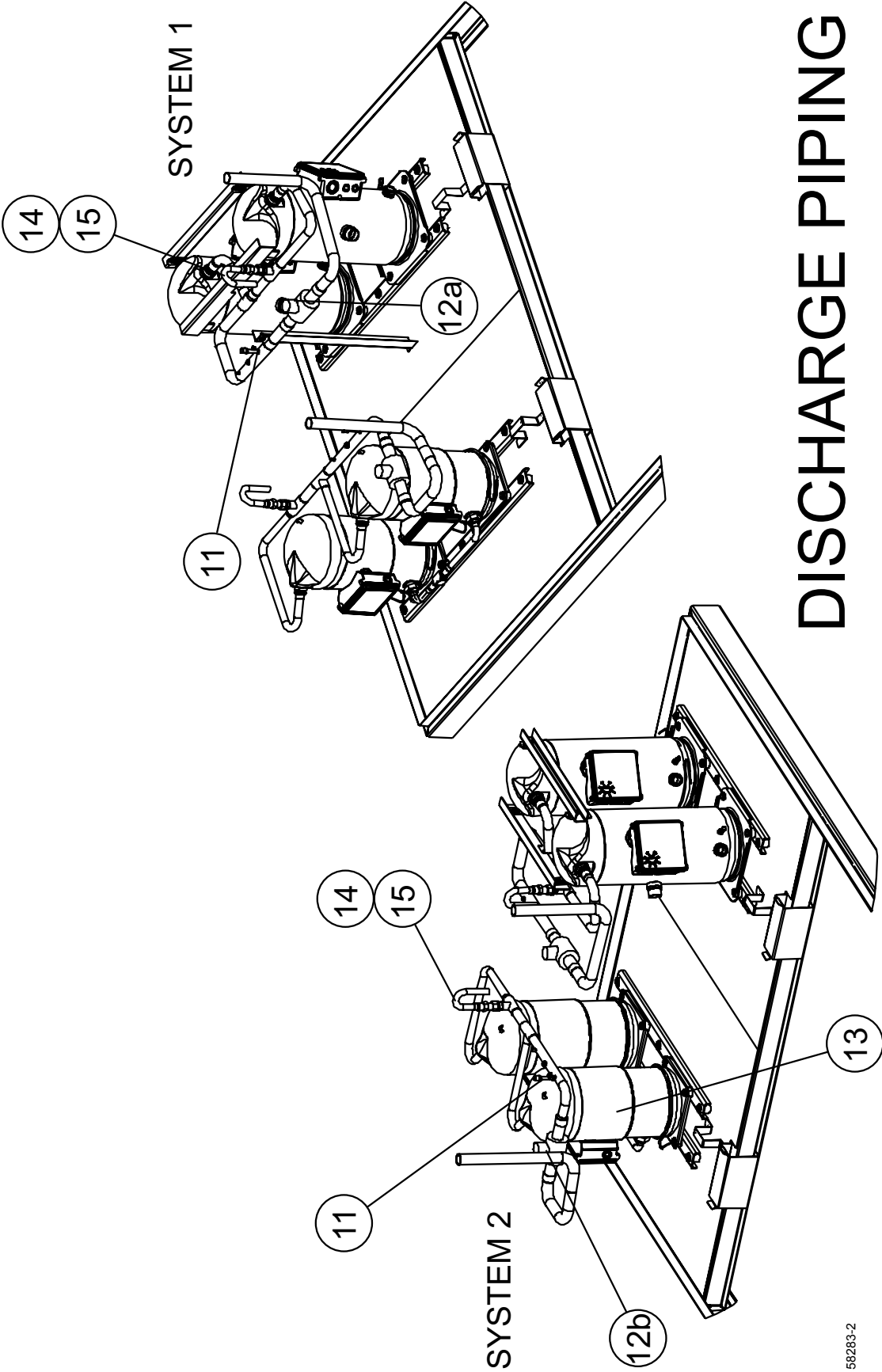


58283-3

FIG. 5B – REFRIGERANT PIPING COMPONENTS - MODEL YCAL0065 SHOWN (REF. TABLE 5, PAGES 21, 22 AND 23)

REFRIGERANT PIPING COMPONENTS (CONT'D)

CHILLER MODELS YCAL0041 - YCAL0071 (STYLE 'D')



58283-2

FIG. 5C – REFRIGERANT PIPING COMPONENTS - MODEL YCAL0065 SHOWN (REF. TABLE 5, PAGES 21, 22 AND 23)

Piping

REFRIGERANT PIPING COMPONENTS (CONT'D)

CHILLER MODELS YCAL0041 - YCAL0071 (STYLE 'D')

Piping

58283-4

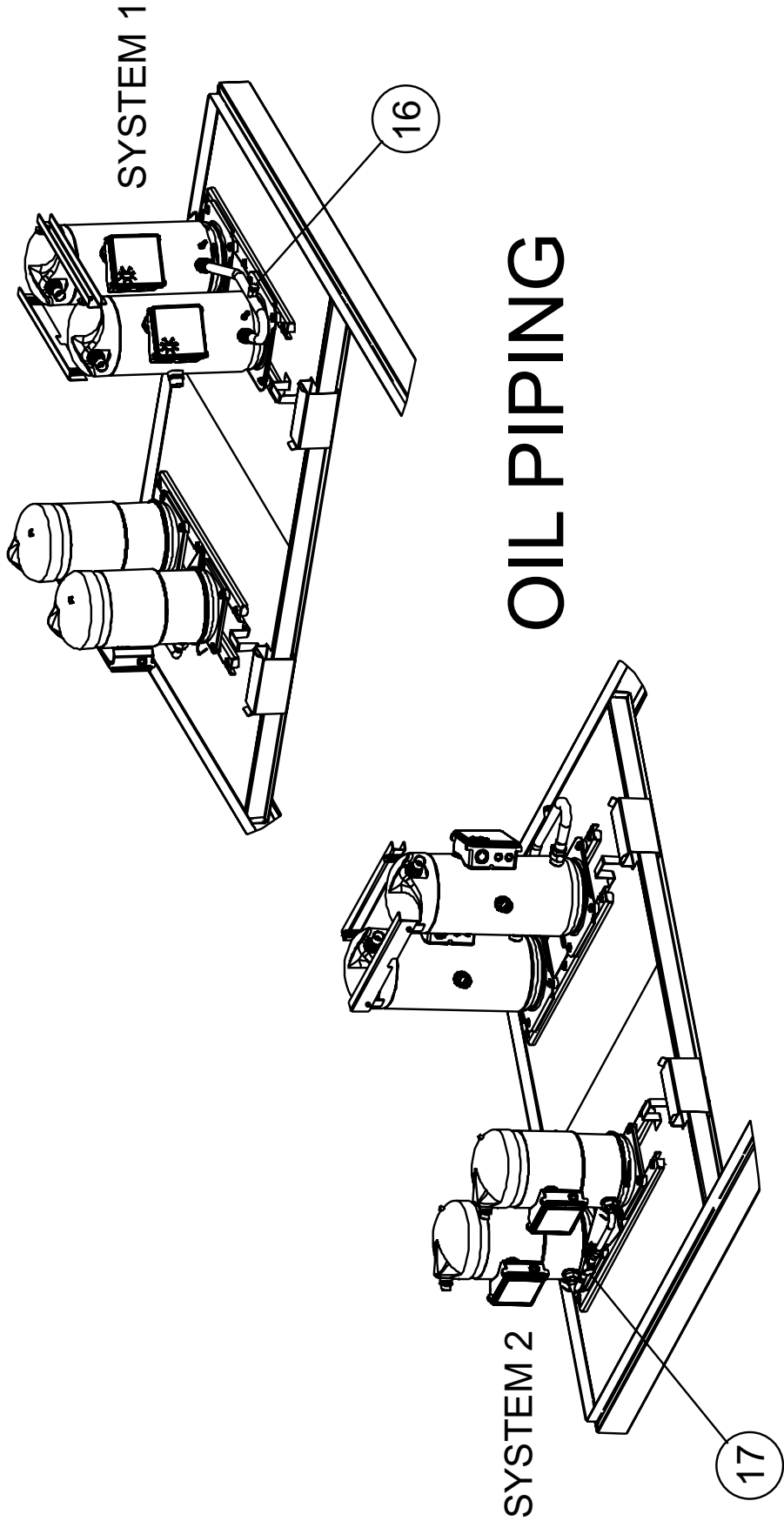


FIG. 5D – REFRIGERANT PIPING COMPONENTS - MODEL YCAL0065 SHOWN (REF. TABLE 5, PAGES 21, 22 AND 23)

REFRIGERANT PIPING COMPONENTS (CONT'D)

CHILLER MODELS YCAL0041 - YCAL0071 (STYLE 'D')

TABLE 5 – REFRIGERANT PIPING COMPONENTS
(SEE FIGS. 5A, 5B, 5C AND 5D, PAGES 17, 18, 19 AND 20)

ITEM NO.	QTY PER UNIT	DESCRIPTION	SYS.	YCAL0041 375-59430-xxx	YCAL0045 375-59425-xxx	YCAL0051 375-58510-xxx
1 ^S	2	Valve, Thermal Expansion	Both	025-27535-000	025-27535-000	025-27536-000
2	2	Valve, Liquid Line Charging	Both	022-09754-000	022-09754-000	022-09754-000
3	2	Valve, Liquid Line Solenoid	Both	025-33705-000	025-33705-000	025-33705-000
4	2	Valve, Liquid Line	Both	022-10022-000	022-10022-000	022-10022-000
5	2	Dehydrator	Both	026-20145-000	026-20145-000	026-20145-000
6A	2	Moisture Indicator, Body	Both	026-37548-000	026-37548-000	026-37548-000
6B	2	Moisture Indicator, Sight Glass Cap		026-37544-000	026-37544-000	026-37544-000
7	2	Valve, Suction	Both	022-00009-000	022-00009-000	022-00009-000
8	2	Valve, Suction Relief	Both	022-11386-000	022-11386-000	022-11386-000
9	2	Tube w/ Nut (Use with ITEM 8)	Both	375-37978-000	375-37978-000	375-37978-000
10A	1	Valve, Suction Ball	Sys1	022-09752-000	022-09752-000	022-09752-000
10B	1	Valve, Suction Ball	Sys2			
11	2	Valve, Discharge	Both	022-00009-000	022-00009-000	022-00009-000
12A	1	Valve, Discharge Ball	Sys1	022-09750-000	022-09750-000	022-09750-000
12B	1	Valve, Discharge Ball	Sys2			022-08883-000
13	2	Compressor	Both	See page 26		
14	1	Valve, Discharge Relief	Sys1	022-08863-000	022-08863-000	022-08863-000
	1	Valve, Discharge Relief	Sys2			022-10071-000
15	2	Tube (Use with ITEM 14)	Both	075-30993-000	075-30993-000	075-30993-000
16	1	Moisture Indicator, Body	Sys1	n/a	n/a	026-32398-000
		Moisture Indicator, Sight Glass Cap		n/a	n/a	026-32800-000
17	1	Moisture Indicator, Oil Line	Sys2	n/a	n/a	026-41616-000

^S = Recommended Spare Part

Piping

REFRIGERANT PIPING COMPONENTS (CONT'D)

CHILLER MODELS YCAL0041 - YCAL0071 (STYLE 'D')

TABLE 5 (CONT'D) – REFRIGERANT PIPING COMPONENTS
(SEE FIGS. 5A, 5B, 5C AND 5D, PAGES 17, 18, 19 AND 20)

ITEM NO.	QTY PER UNIT	DESCRIPTION	SYS.	YCAL0055	YCAL0061
				375-58485-xxx	375-58497-xxx
1 ^S	1	Valve, Thermal Expansion	Sys1	025-27536-000	025-27536-000
	1		Sys2		025-20213-000
2	2	Valve, Liquid Line Charging	Both	022-09754-000	022-09754-000
3	2	Valve, Liquid Line Solenoid	Both	025-33705-000	025-33705-000
4	2	Valve, Liquid Line	Both	022-10022-000	022-10022-000
5	2	Dehydrator	Both	026-20145-000	026-20145-000
6A	2	Moisture Indicator, Body	Both	026-37548-000	026-37548-000
6B	2	Moisture Indicator, Sight Glass Cap	Both	026-37544-000	026-37544-000
7	2	Valve, Suction	Both	022-00009-000	022-00009-000
8	2	Valve, Suction Relief	Both	022-11386-000	022-11386-000
9	2	Tube w/ Nut (Use with ITEM 8)	Both	375-37978-000	375-37978-000
10A	1	Valve, Suction Ball	Sys1	022-09752-000	022-09752-000
10B	1	Valve, Suction Ball	Sys2		022-09753-000
11	2	Valve, Discharge	Both	022-00009-000	022-00009-000
12A	1	Valve, Discharge Ball	Sys1	022-08883-000	022-08883-000
12B	1	Valve, Discharge Ball	Sys2		
13	2	Compressor	Both	See page 26	
14	2	Valve, Discharge Relief	Both	022-10071-000	022-10071-000
15	2	Tube (Use with ITEM 14)	Both	075-30993-000	075-30993-000
16	1	Moisture Indicator, Body	Sys1	026-41616-000	026-41616-000
		Moisture Indicator, Sight Glass Cap			
17	1	Moisture Indicator	Sys2	026-41616-000	026-41616-000

^S = Recommended Spare Part

REFRIGERANT PIPING COMPONENTS (CONT'D)

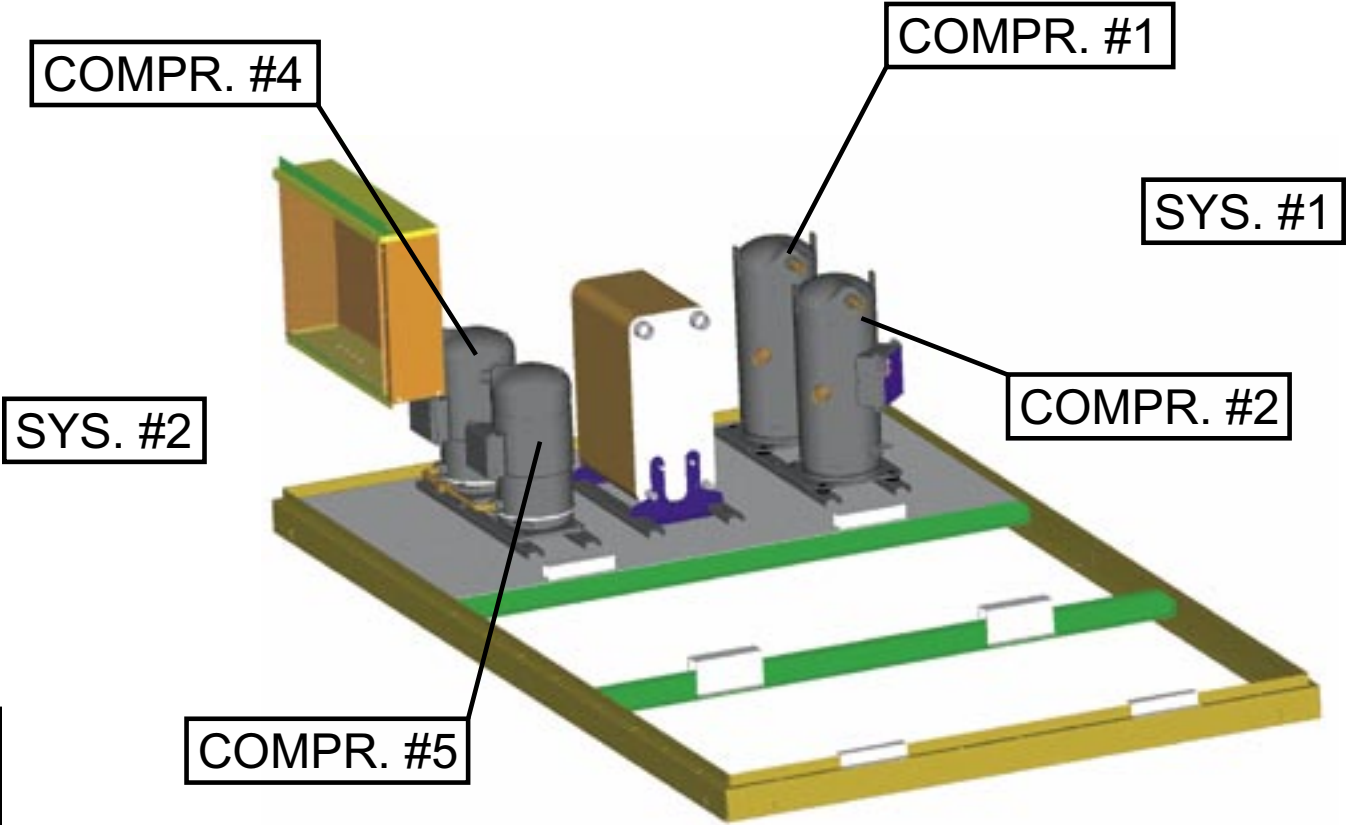
CHILLER MODELS YCAL0041 - YCAL0071 (STYLE 'D')

TABLE 5 (CONT'D) – REFRIGERANT PIPING COMPONENTS
(SEE FIGS. 5A, 5B, 5C AND 5D, PAGES 17, 18, 19 AND 20)

ITEM NO.	QTY PER UNIT	DESCRIPTION	SYS.	YCAL0065	YCAL0071
				375-58283-xxx	375-65201-xxx
1 ^S	1	Valve, Thermal Expansion	Sys1	025-27536-000	025-20213-000
	1		Sys2	025-20213-000	025-27536-000
2	2	Valve, Liquid Line Charging	Both	022-09754-000	022-09754-000
3	2	Valve, Liquid Line Solenoid	Both	025-40330-000	025-33705-000
4	2	Valve, Liquid Line	Both	022-10022-000	022-10022-000
5	2	Dehydrator	Both	026-20145-000	026-20145-000
6A	2	Moisture Indicator, Body	Both	026-37548-000	026-37545-000
6B	2	Moisture Indicator, Sight Glass Cap	Both	026-37544-000	026-37547-000
7	2	Valve, Suction	Both	022-00009-000	022-00009-000
8	2	Valve, Suction Relief	Both	022-11386-000	022-11386-000
9	2	Tube w/ Nut (Use with ITEM 8)	Both	375-37978-000	375-37978-000
10A	1	Valve, Suction Ball	Sys1	022-09752-000	022-09753-000
10B	1	Valve, Suction Ball	Sys2	022-09753-000	022-09753-000
11	2	Valve, Discharge	Both	022-00009-000	022-00009-000
12A	1	Valve, Discharge Ball	Sys1	022-08883-000	022-08883-000
12B	1	Valve, Discharge Ball	Sys2		
13	2	Compressor	Both	See page 26	
14	2	Valve, Discharge Relief	Both	022-10071-000	022-10071-000
15	2	Tube (Use with ITEM 14)	Both	075-30993-000	075-30993-000
16	1	Moisture Indicator, Body	Sys1	026-32398-000	026-41616-000
		Moisture Indicator, Sight Glass Cap		026-32800-000	
17	1	Moisture Indicator, Body	Sys2	026-41616-000	026-37545-000
		Moisture Indicator, Sight Glass Cap			026-37547-000

^S = Recommended Spare Part

COMPRESSOR



55962-000-A

Compressor

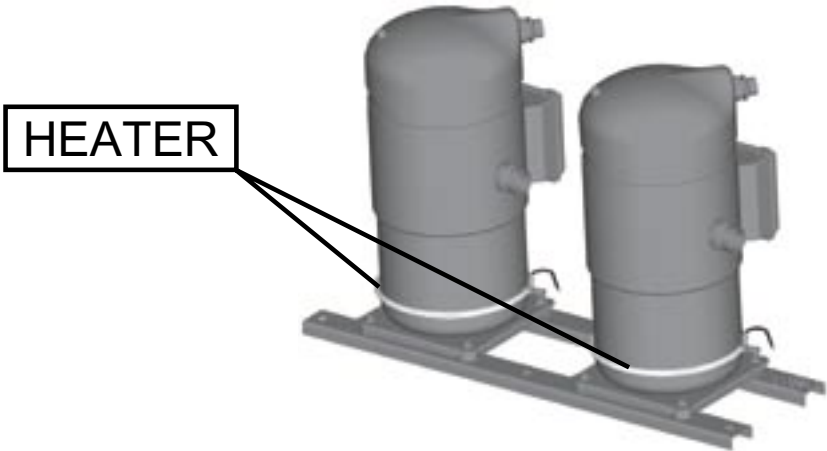


FIG. 6 – COMPRESSOR - TYPICAL LAYOUT (REF. TABLES 6, 6A, 6B AND 6C, PAGES 25 AND 26)

COMPRESSOR (CONT'D)

TABLE 6 – R22 COMPRESSOR PART NUMBERS (SEE FIG. 6, PAGE 24)

MODEL	VOLTAGE CODE	SYSTEM 1		SYSTEM 1		SYSTEM 1		SYSTEM 2		SYSTEM 2	
		#1 COMPRESSOR PART #	MODEL #	#2 COMPRESSOR PART #	MODEL #	#4 COMPRESSOR PART #	MODEL #	#5 COMPRESSOR PART #	MODEL #		
YCAL0012	-17 & -28	015-04029-101		015-04029-101		N/A		N/A		N/A	
	-40	015-04029-102	ZRT144KC	015-04029-102	ZRT144KC			N/A		N/A	
	-46 & -50	015-04029-104		015-04029-104				N/A		N/A	
	-58	015-04029-105		015-04029-105				N/A		N/A	
YCAL0018	-17 & -28	015-04020-101		015-04020-101				N/A		N/A	
	-40	015-04020-102	ZR108KC	015-04020-102	ZR108KC			N/A		N/A	
	-46 & -50	015-04020-104		015-04020-104				N/A		N/A	
	-58	015-04020-105		015-04020-105				N/A		N/A	
YCAL0021	-17 & -28	015-04018-101		015-04018-101				N/A		N/A	
	-40	015-04018-102	ZR125KC	015-04018-102	ZR125KC			N/A		N/A	
	-46 & -50	015-04018-104		015-04018-104				N/A		N/A	
	-58	015-04018-105		015-04018-105				N/A		N/A	
YCAL0025	-17 & -28	015-04011-101		015-04011-101				N/A		N/A	
	-40	015-04011-102	ZR16M3	015-04011-102	ZR16M3			N/A		N/A	
	-46 & -50	015-04011-104		015-04011-104				N/A		N/A	
	-58	015-04011-105		015-04011-105				N/A		N/A	
YCAL0027	-17 & -28	015-04008-101		015-04011-101				N/A		N/A	
	-40	015-04008-102	ZR19M3	015-04011-102	ZR16M3			N/A		N/A	
	-46 & -50	015-04008-104		015-04011-104				N/A		N/A	
	-58	015-04008-105		015-04011-105				N/A		N/A	
YCAL0032	-17 & -28	015-04008-101		015-04008-101				N/A		N/A	
	-40	015-04008-102	ZR19M3	015-04008-102	ZR19M3			N/A		N/A	
	-46 & -50	015-04008-104		015-04008-104				N/A		N/A	
	-58	015-04008-105		015-04008-105				N/A		N/A	

Compressor

COMPRESSOR (CONT'D)

Compressor

TABLE 6 (CONT'D) – R22 COMPRESSOR PART NUMBERS (SEE FIG. 6, PAGE 24)

MODEL	VOLTAGE CODE	SYSTEM 1 #1 COMPRESSOR		SYSTEM 1 #2 COMPRESSOR		SYSTEM 2 #4 COMPRESSOR		SYSTEM 2 #5 COMPRESSOR	
		PART #	MODEL #	PART #	MODEL #	PART #	MODEL #	PART #	MODEL #
YCAL0041	-17 & -28	015-04018-101	ZR125	015-04018-101	ZR125	015-04018-101	ZR125	015-04018-101	ZR125
	-40	015-04018-102	ZR125	015-04018-102	ZR125	015-04018-102	ZR125	015-04018-102	ZR125
	-46 & -50	015-04018-104	ZR125	015-04018-104	ZR125	015-04018-104	ZR125	015-04018-104	ZR125
	-58	015-04018-105	ZR125	015-04018-105	ZR125	015-04018-105	ZR125	015-04018-105	ZR125
YCAL0045	-17 & -28	015-04019-101	ZR144	015-04019-101	ZR144	015-04018-101	ZR125	015-04018-101	ZR125
	-40	015-04019-102	ZR144	015-04019-102	ZR144	015-04018-102	ZR125	015-04018-102	ZR125
	-46 & -50	015-04019-104	ZR144	015-04019-104	ZR144	015-04018-104	ZR125	015-04018-104	ZR125
	-58	015-04019-105	ZR144	015-04019-105	ZR144	015-04018-105	ZR125	015-04018-105	ZR125
YCAL0051	-17 & -28	015-04019-101	ZR144	015-04019-101	ZR144	015-04011-101	ZR16M3	015-04008-101	ZR19M3
	-40	015-04019-102	ZR144	015-04019-102	ZR144	015-04011-102	ZR16M3	015-04008-102	ZR19M3
	-46 & -50	015-04019-104	ZR144	015-04019-104	ZR144	015-04011-104	ZR16M3	015-04008-104	ZR19M3
	-58	015-04019-105	ZR144	015-04019-105	ZR144	015-04011-105	ZR16M3	015-04008-105	ZR19M3
YCAL0055	-17 & -28	015-04008-101	ZR19M3	015-04011-101	ZR16M3	015-04011-101	ZR16M3	015-04008-101	ZR19M3
	-40	015-04008-102	ZR19M3	015-04011-102	ZR16M3	015-04011-102	ZR16M3	015-04008-102	ZR19M3
	-46 & -50	015-04008-104	ZR19M3	015-04011-104	ZR16M3	015-04011-104	ZR16M3	015-04008-104	ZR19M3
	-58	015-04008-105	ZR19M3	015-04011-105	ZR16M3	015-04011-105	ZR16M3	015-04008-105	ZR19M3
YCAL0061	-17 & -28	015-02891-101	ZR250	015-04008-101	ZR19M3	015-04008-101	ZR19M3	015-04008-101	ZR19M3
	-40	015-02891-102	ZR250	015-04008-102	ZR19M3	015-04008-102	ZR19M3	015-04008-102	ZR19M3
	-46 & -50	015-02891-104	ZR250	015-04008-104	ZR19M3	015-04008-104	ZR19M3	015-04008-104	ZR19M3
	-58	015-02891-105	ZR250	015-04008-105	ZR19M3	015-04008-105	ZR19M3	015-04008-105	ZR19M3
YCAL0065	-17 & -28	015-02891-101	ZR250	015-02891-101	ZR250	015-04008-101	ZR19M3	015-04008-101	ZR19M3
	-40	015-02891-102	ZR250	015-02891-102	ZR250	015-04008-102	ZR19M3	015-04008-102	ZR19M3
	-46 & -50	015-02891-104	ZR250	015-02891-104	ZR250	015-04008-104	ZR19M3	015-04008-104	ZR19M3
	-58	015-02891-105	ZR250	015-02891-105	ZR250	015-04008-105	ZR19M3	015-04008-105	ZR19M3
YCAL0071	-17 & -28	015-02891-101	ZR250	015-04008-101	ZR19M3	015-02891-101	ZR250	015-02891-101	ZR250
	-40	015-02891-102	ZR250	015-04008-102	ZR19M3	015-02891-102	ZR250	015-02891-102	ZR250
	-46 & -50	015-02891-104	ZR250	015-04008-104	ZR19M3	015-02891-104	ZR250	015-02891-104	ZR250
	-58	015-02891-105	ZR250	015-04008-105	ZR19M3	015-02891-105	ZR250	015-02891-105	ZR250

COMPRESSOR (CONT'D)

TABLE 6A – COMPRESSOR HEATER AND COMPRESSOR SOUND BLANKET PART NUMBERS
(SEE FIG. 6, PAGE 24)

COMPRESSOR PART NUMBER	HEATER PART NUMBER	QUANTITY PER COMPRESSOR	SOUND BLANKET PART NUMBER	QUANTITY PER COMPRESSOR
015-02891-xxx	025-37852-000	1	010-06507-001	1
015-04008-xxx	025-37888-000	1	010-06507-002	1
015-04011-xxx	025-37888-000	1	010-06507-003	1
015-04018-xxx	025-40351-000	1	010-06507-005	1
015-04019-xxx	025-40351-000	1	010-06507-005	1
015-04020-xxx	025-40351-000	1	010-06507-005	1
015-04029-xxx	025-40615-000	1	010-06507-006	1

TABLE 6B – RECOMMENDED OIL TYPE

ITEM	REFRIGERANT	DESCRIPTION	1 GALLON	5 GALLON
OIL ^S	R-22	OIL, TYPE 'F' (MINERAL)	n/a	011-00434-000

^S = Recommended Spare Part

CONTROL PANEL AND POWER PANEL CONFIGURATIONS

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

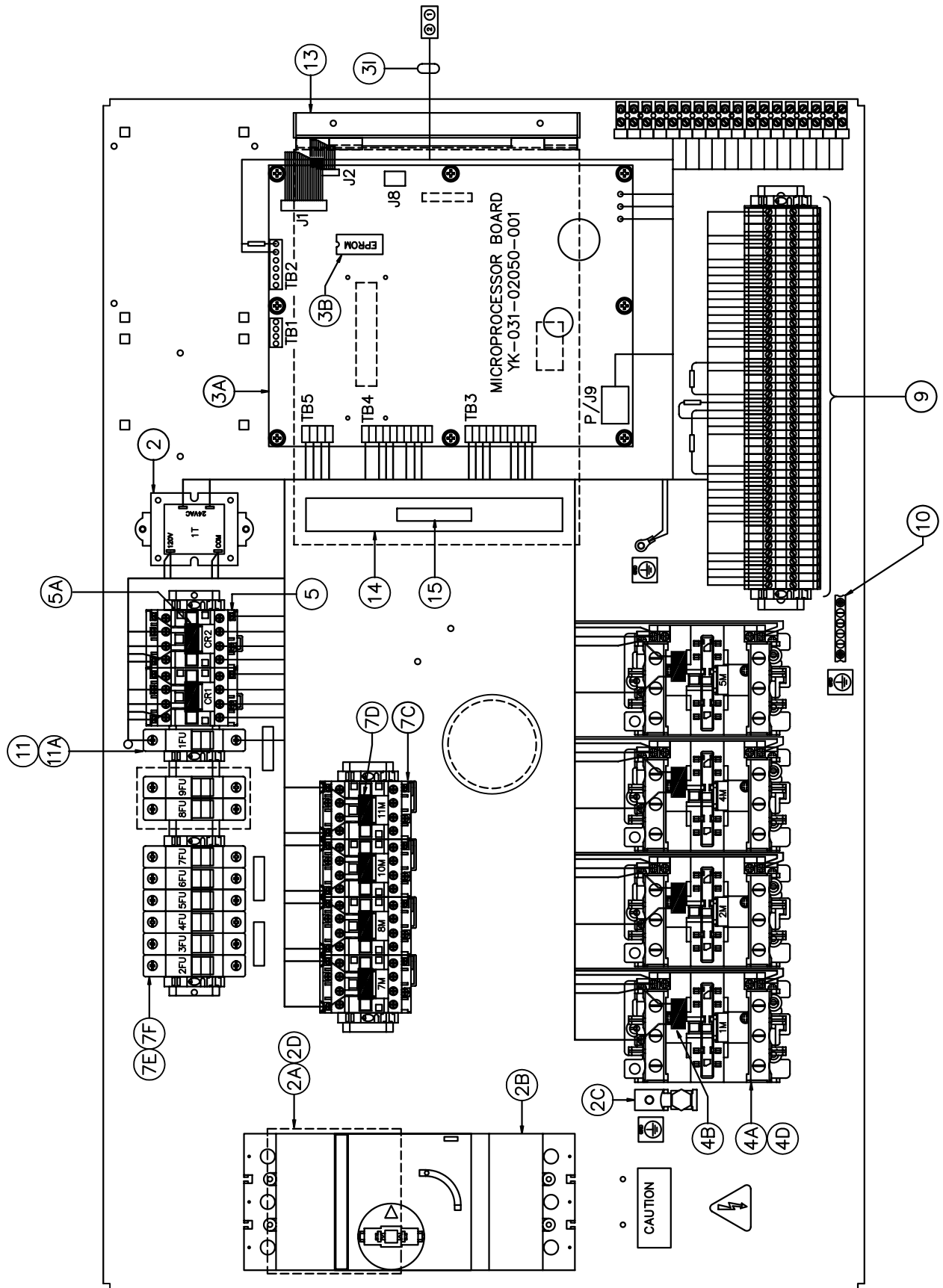
1. TERMINAL BLOCKS
2. CIRCUIT BREAKERS
3. NON-FUSED DISCONNECT SWITCHES

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
S	X	Single Point Supply Terminal Block
S	D	Single Point Supply Non-Fused Disconnect Switch
B	X	Single Point Supply Circuit Breaker

CONTROL TRANSFORMER KIT				
MODEL NUMBERS	VOLTAGE CODE	DESCRIPTION	KIT PART NUMBER	TRANSFORMER ONLY
YCAL0012-YCAL0032	-17	KIT, CONTROL TRANSFORMER 1.0 KVA	375-65193-101	025-39361-000
	-28		375-65193-102	024-34340-000
	-40		375-65193-103	025-40475-000
	-46		375-65193-104	024-34340-000
	-50		375-65193-105	025-40476-000
	-58		375-65193-106	025-40477-000
YCAL0041-YCAL0071	-17	KIT, CONTROL TRANSFORMER 1.0 KVA	375-59641-101	025-39361-000
	-28		375-59641-102	024-34340-000
	-40		375-59641-103	025-40475-000
	-46		375-59641-104	024-34340-000
	-50		375-59641-105	025-40476-000
	-58		375-59641-106	025-40477-000

CONTROL PANEL AND POWER PANEL COMPONENTS

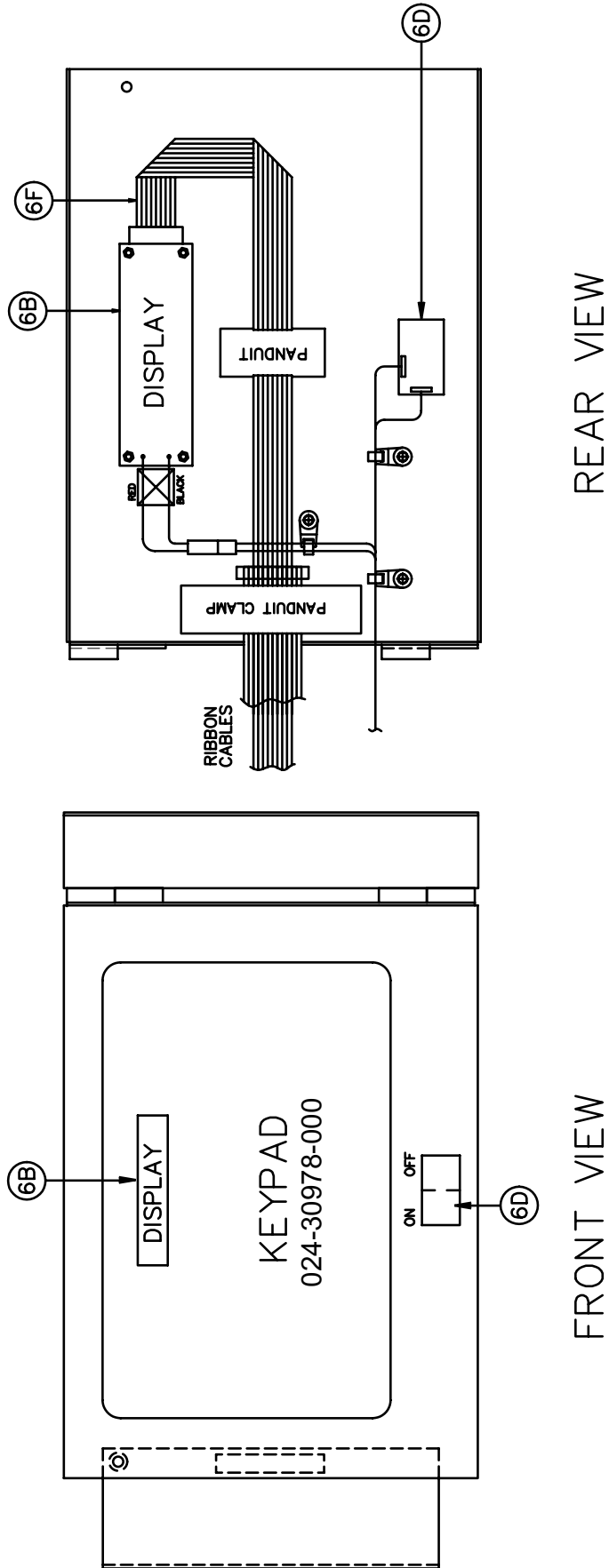


206985-sht1

FIG. 7 – CONTROL AND POWER PANEL COMPONENTS (REF. TABLE 8, PAGES 33 - 56)

Control & Power Panel

CONTROL PANEL AND POWER PANEL COMPONENTS (CONT'D)



202777-3

FIG. 7A – CONTROL AND POWER PANEL COMPONENTS (REF. TABLE 8, PAGES 33 - 56)

CONTROL PANEL AND POWER PANEL COMPONENTS (CONT'D)

TABLE 7 – CONTROL AND POWER PANEL IDENTIFIERS (TO IDENTIFY REPLACEMENT PART NUMBERS, SELECT PANEL IDENTIFIER NUMBER BELOW, THEN REFER TO THE HIGHLIGHTED ROW ON THE 'CONTROL AND POWER PANEL COMPONENTS' TABLE 8, PAGES 33 - 56 AND SEE FIGS. 7 AND 7A, PAGES 29 AND 30)

MODEL	VOLTAGE CODE	SINGLE POINT TERMINAL BLOCK ('PIN' #s 16 & 17 = SX)	SINGLE POINT NON-FUSED DISCONNECT SWITCH ('PIN' #s 16 & 17 = SD)	SINGLE POINT CIRCUIT BREAKER ('PIN' #s 16 & 17 = BX)
YCAL0012	17	371-04934-101	371-04934-201	371-04934-305
	28			371-04934-301
	40	371-04934-102	371-04934-202	371-04934-302
	46 & 50	371-04934-103	371-04934-203	371-04934-303
	58	371-04934-104	371-04934-204	371-04934-304
YCAL0018	17 & 28	371-04935-101	371-04935-201	371-04935-301
	40	371-04935-102	371-04935-202	371-04935-302
	46 & 50	371-04935-103	371-04935-203	371-04935-303
	58	371-04935-104	371-04935-204	371-04935-304
YCAL0021	17	371-04935-101	371-04935-201	371-04935-305
	28			371-04935-301
	40	371-04935-102	371-04935-202	371-04935-306
	46 & 50	371-04935-103	371-04935-203	371-04935-303
	58	371-04935-104	371-04935-204	371-04935-307
YCAL0025	17	371-04891-101	371-04891-201	371-04891-301
	28			371-04891-306
	40	371-04891-102	371-04891-202	371-04891-302
	46 & 50	371-04891-103	371-04891-203	371-04891-303
	58	371-04891-104	371-04891-204	371-04891-304
YCAL0027	17	371-04891-101	371-04891-201	371-04891-301
	28			371-04891-306
	40	371-04891-105	371-04891-205	371-04891-305
	46 & 50	371-04891-103	371-04891-203	371-04891-303
	58			371-04891-309
YCAL0032	17 & 28	371-04891-101	371-04891-201	371-04891-301
	40	371-04891-105	371-04891-210	371-04891-310
	46 & 50	371-04891-103	371-04891-203	371-04891-303
	58			371-04891-309

CONTROL PANEL AND POWER PANEL COMPONENTS (CONT'D)

TABLE 7 (CONT'D) – CONTROL AND POWER PANEL IDENTIFIERS (TO IDENTIFY REPLACEMENT PART NUMBERS, SELECT PANEL IDENTIFIER NUMBER BELOW, THEN REFER TO THE HIGHLIGHTED ROW ON THE 'CONTROL AND POWER PANEL COMPONENTS' TABLE 8, PAGES 33 - 56 AND SEE FIGS. 7 AND 7A, PAGES 29 AND 30)

MODEL	VOLTAGE CODE	SINGLE POINT TERMINAL BLOCK ('PIN' #s 16 & 17 = SX)	SINGLE POINT NON-FUSED DISCONNECT SWITCH ('PIN' #s 16 & 17 = SD)	SINGLE POINT CIRCUIT BREAKER ('PIN' #s 16 & 17 = BX)
YCAL0041	17 & 28	371-04537-103	371-04537-203	371-04537-303
	40	371-04537-102	371-04537-202	371-04537-302
	46, 50 & 58	371-04537-101	371-04537-201	371-04537-301
YCAL0045	17 & 28	371-04537-103	371-04537-203	371-04537-303
	40	371-04537-102	371-04537-202	371-04537-302
	46, 50 & 58	371-04537-101	371-04537-201	371-04537-301
YCAL0051	17 & 28	371-04537-104	371-04537-204	371-04537-304
	40, 46 & 50	371-04537-102	371-04537-202	371-04537-302
	58	371-04537-101	371-04537-201	371-04537-301
YCAL0055	17 & 28	371-04537-104	371-04537-204	371-04537-304
	40, 46 & 50	371-04537-102	371-04537-202	371-04537-302
	58			
YCAL0061	17 & 28	371-04537-105	371-04537-205	371-04537-305
	40	371-04537-103	371-04537-203	371-04537-303
	46, 50 & 58	371-04537-102	371-04537-202	371-04537-302
YCAL0065	17 & 28	371-04537-105	371-04537-205	371-04537-305
	40	371-04537-103	371-04537-203	371-04537-303
	46, 50 & 58	371-04537-102	371-04537-202	371-04537-302
YCAL0071	17 & 28	371-04537-109	371-04537-209	371-04537-309
	40	371-04537-103	371-04537-203	371-04537-303
	46, 50 & 58	371-04537-102	371-04537-202	371-04537-302

CONTROL PANEL AND POWER PANEL COMPONENTS (CONT'D)

TABLE 8 – CONTROL AND POWER PANEL COMPONENTS
(SEE FIGS. 7 AND 7A, PAGES 29 AND 30)

Item	Qty	Description	YCAL0012-17			YCAL0012-28		
			371-04934-101* SX	371-04934-201* SD	371-04934-305* BX	371-04934-101* SX	371-04934-201* SD	371-04934-301* BX
2	1	Control Transformer	025-30889-000	025-30889-000	025-30889-000	025-30889-000	025-30889-000	025-30889-000
2A	1	Single Point Terminal Block	025-39423-000	N/A	N/A	025-39423-000	N/A	N/A
	1	Single Point Circuit Breaker	N/A	N/A	024-31840-000	N/A	N/A	024-31839-000
	1	Single Point NF Disconnect Switch	N/A	024-31888-000	N/A	N/A	024-31888-000	N/A
2B	1	Lugs	N/A	025-34477-000	025-34477-000	N/A	025-34477-000	025-34477-000
2C	1	Ground Lug	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000
2D	3	Safety Cover	N/A	N/A	N/A	N/A	N/A	N/A
3A	1	Control Board	031-02050-001	031-02050-001	031-02050-001	031-02050-001	031-02050-001	031-02050-001
3B	1	Eprom	031-02049-001	031-02049-001	031-02049-001	031-02049-001	031-02049-001	031-02049-001
4A	2	Compressor Contactor	024-35454-000	024-35454-000	024-35454-000	024-35454-000	024-35454-000	024-35454-000
4B	2	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
4D	2	Auxiliary Contact	024-35515-000	024-35515-000	024-35515-000	024-35515-000	024-35515-000	024-35515-000
5	1	Control Relay	024-35526-000	024-35526-000	024-35526-000	024-35526-000	024-35526-000	024-35526-000
5A	1	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
6B	1	Display	031-01110-000	031-01110-000	031-01110-000	031-01110-000	031-01110-000	031-01110-000
6D	1	Switch	024-25517-000	024-25517-000	024-25517-000	024-25517-000	024-25517-000	024-25517-000
6F	1	Ribbon Cable	031-01109-211	031-01109-211	031-01109-211	031-01109-211	031-01109-211	031-01109-211
7C	2	Fan Contactor	024-35441-000	024-35441-000	024-35441-000	024-35441-000	024-35441-000	024-35441-000
7D	2	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
7E	1	Fuse Block	025-37864-000	025-37864-000	025-37864-000	025-37864-000	025-37864-000	025-37864-000
7F	2	Fuse	025-37618-000	025-37618-000	025-37618-000	025-37618-000	025-37618-000	025-37618-000
10	1	Ground Bar	025-35685-000	025-35685-000	025-35685-000	025-35685-000	025-35685-000	025-35685-000
11	1	Fuse Block	025-37862-000	025-37862-000	025-37862-000	025-37862-000	025-37862-000	025-37862-000
11A	1	Fuse	025-34435-000	025-34435-000	025-34435-000	025-34435-000	025-34435-000	025-34435-000

S = Recommended Spare Part

SX*	SINGLE POINT TERMINAL BLOCK
SD*	SINGLE POINT NON-FUSED DISCONNECT SWITCH
BX*	SINGLE POINT CIRCUIT BREAKER

***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.

CONTROL PANEL AND POWER PANEL COMPONENTS (CONT'D)

TABLE 8 (CONT'D) – CONTROL AND POWER PANEL COMPONENTS
(SEE FIGS. 7 AND 7A, PAGES 29 AND 30)

Item	Qty	Description	YCAL0012-40			YCAL0012-46 & YCAL0012-50		
			371-04934-102* SX	371-04934-202* SD	371-04934-302* BX	371-04934-103* SX	371-04934-203* SD	371-04934-303* BX
2	1	Control Transformer	025-30889-000	025-30889-000	025-30889-000	025-30889-000	025-30889-000	025-30889-000
2A	1	Single Point Terminal Block	025-39423-000	N/A	N/A	025-39423-000	N/A	N/A
	1	Single Point Circuit Breaker	N/A	N/A	024-31852-000	N/A	N/A	024-35912-000
	1	Single Point NF Disconnect Switch	N/A	024-31888-000	N/A	N/A	024-31888-000	N/A
2B	1	Lugs	N/A	025-34477-000	025-34477-000	N/A	025-34477-000	025-34478-000
2C	1	Ground Lug	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000
2D	3	Safety Cover	N/A	N/A	N/A	N/A	N/A	N/A
3A	1	Control Board	031-02050-001	031-02050-001	031-02050-001	031-02050-001	031-02050-001	031-02050-001
3B	1	Eprom	031-02049-001	031-02049-001	031-02049-001	031-02049-001	031-02049-001	031-02049-001
4A	2	Compressor Contactor	024-35454-000	024-35454-000	024-35454-000	024-35454-000	024-35454-000	024-35451-000
4B	2	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
4D	2	Auxiliary Contact	024-35515-000	024-35515-000	024-35515-000	024-35515-000	024-35515-000	024-35515-000
5	1	Control Relay	024-35526-000	024-35526-000	024-35526-000	024-35526-000	024-35526-000	024-35526-000
5A	1	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
6B	1	Display	031-01110-000	031-01110-000	031-01110-000	031-01110-000	031-01110-000	031-01110-000
6D	1	Switch	024-25517-000	024-25517-000	024-25517-000	024-25517-000	024-25517-000	024-25517-000
6F	1	Ribbon Cable	031-01109-211	031-01109-211	031-01109-211	031-01109-211	031-01109-211	031-01109-211
7C	2	Fan Contactor	024-35441-000	024-35441-000	024-35441-000	024-35441-000	024-35441-000	024-35441-000
7D	2	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
7E	1	Fuse Block	025-37864-000	025-37864-000	025-37864-000	025-37864-000	025-37864-000	025-37864-000
7F	2	Fuse	025-37618-000	025-37618-000	025-37618-000	025-37618-000	025-37618-000	025-37618-000
10	1	Ground Bar	025-35685-000	025-35685-000	025-35685-000	025-35685-000	025-35685-000	025-35685-000
11	1	Fuse Block	025-37862-000	025-37862-000	025-37862-000	025-37862-000	025-37862-000	025-37862-000
11A	1	Fuse	025-34435-000	025-34435-000	025-34435-000	025-34435-000	025-34435-000	025-34435-000

^S = Recommended Spare Part

SX*	SINGLE POINT TERMINAL BLOCK
SD*	SINGLE POINT NON-FUSED DISCONNECT SWITCH
BX*	SINGLE POINT CIRCUIT BREAKER

***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.

Control & Power Panel

CONTROL PANEL AND POWER PANEL COMPONENTS (CONT'D)

TABLE 8 (CONT'D) – CONTROL AND POWER PANEL COMPONENTS
(SEE FIGS. 7 AND 7A, PAGES 29 AND 30)

Item	Qty	Description	YCAL0012-58			YCAL0018-17 & YCAL0018-28		
			371-04934-104* SX	371-04934-204* SD	371-04934-304* BX	371-04935-101* SX	371-04935-201* SD	371-04935-301* BX
2	1	Control Transformer	025-30889-000	025-30889-000	025-30889-000	025-30889-000	025-30889-000	025-30889-000
2A	1	Single Point Terminal Block	025-39423-000	N/A	N/A	025-39423-000	N/A	N/A
	1	Single Point Circuit Breaker	N/A	N/A	024-35913-000	N/A	N/A	024-31843-000
	1	Single Point NF Disconnect Switch	N/A	024-31888-000	N/A	N/A	024-31888-000	N/A
2B	1	Lugs	N/A	025-34477-000	025-34478-000	N/A	025-34477-000	025-34477-000
2C	1	Ground Lug	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000
2D	3	Safety Cover	N/A	N/A	N/A	N/A	N/A	N/A
3A	1	Control Board	031-02050-001	031-02050-001	031-02050-001	031-02050-001	031-02050-001	031-02050-001
3B	1	Eprom	031-02049-001	031-02049-001	031-02049-001	031-02049-001	031-02049-001	031-02049-001
4A	2	Compressor Contactor	024-35454-000	024-35454-000	024-35451-000	024-35467-000	024-35467-000	024-35467-000
4B	2	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
4D	2	Auxiliary Contact	024-35515-000	024-35515-000	024-35515-000	N/A	N/A	N/A
5	1	Control Relay	024-35526-000	024-35526-000	024-35526-000	024-35526-000	024-35526-000	024-35526-000
5A	1	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
6B	1	Display	031-01110-000	031-01110-000	031-01110-000	031-01110-000	031-01110-000	031-01110-000
6D	1	Switch	024-25517-000	024-25517-000	024-25517-000	024-25517-000	024-25517-000	024-25517-000
6F	1	Ribbon Cable	031-01109-211	031-01109-211	031-01109-211	031-01109-211	031-01109-211	031-01109-211
7C	2	Fan Contactor	024-35441-000	024-35441-000	024-35441-000	024-35441-000	024-35441-000	024-35441-000
7D	2	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
7E	1	Fuse Block	025-37864-000	025-37864-000	025-37864-000	025-37864-000	025-37864-000	025-37864-000
7F	2	Fuse	025-37618-000	025-37618-000	025-37618-000	025-37618-000	025-37618-000	025-37618-000
10	1	Ground Bar	025-35685-000	025-35685-000	025-35685-000	025-35685-000	025-35685-000	025-35685-000
11	1	Fuse Block	025-37862-000	025-37862-000	025-37862-000	025-37862-000	025-37862-000	025-37862-000
11A	1	Fuse	025-34435-000	025-34435-000	025-34435-000	025-34435-000	025-34435-000	025-34435-000

^S = Recommended Spare Part

SX*	SINGLE POINT TERMINAL BLOCK
SD*	SINGLE POINT NON-FUSED DISCONNECT SWITCH
BX*	SINGLE POINT CIRCUIT BREAKER

***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.

CONTROL PANEL AND POWER PANEL COMPONENTS (CONT'D)

TABLE 8 (CONT'D) – CONTROL AND POWER PANEL COMPONENTS
(SEE FIGS. 7 AND 7A, PAGES 29 AND 30)

Item	Qty	Description	YCAL0018-40			YCAL0018-46 & YCAL0018-50		
			371-04935-102* SX	371-04935-202* SD	371-04935-302* BX	371-04935-103* SX	371-04935-203* SD	371-04935-303* BX
2	1	Control Transformer	025-30889-000	025-30889-000	025-30889-000	025-30889-000	025-30889-000	025-30889-000
2A	1	Single Point Terminal Block	025-39423-000	N/A	N/A	025-39423-000	N/A	N/A
	1	Single Point Circuit Breaker	N/A	N/A	024-31839-000	N/A	N/A	024-31838-000
	1	Single Point NF Disconnect Switch	N/A	024-31888-000	N/A	N/A	024-31888-000	N/A
2B	1	Lugs	N/A	025-34477-000	025-34477-000	N/A	025-34477-000	025-34478-000
2C	1	Ground Lug	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000
2D	3	Safety Cover	N/A	N/A	N/A	N/A	N/A	N/A
3A	1	Control Board	031-02050-001	031-02050-001	031-02050-001	031-02050-001	031-02050-001	031-02050-001
3B	1	Eprom	031-02049-001	031-02049-001	031-02049-001	031-02049-001	031-02049-001	031-02049-001
4A	2	Compressor Contactor	024-35462-000	024-35462-000	024-35462-000	024-35454-000	024-35454-000	024-35454-000
4B	2	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
4D	2	Auxiliary Contact	N/A	N/A	N/A	024-35515-000	024-35515-000	024-35515-000
5	1	Control Relay	024-35526-000	024-35526-000	024-35526-000	024-35526-000	024-35526-000	024-35526-000
5A	1	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
6B	1	Display	031-01110-000	031-01110-000	031-01110-000	031-01110-000	031-01110-000	031-01110-000
6D	1	Switch	024-25517-000	024-25517-000	024-25517-000	024-25517-000	024-25517-000	024-25517-000
6F	1	Ribbon Cable	031-01109-211	031-01109-211	031-01109-211	031-01109-211	031-01109-211	031-01109-211
7C	2	Fan Contactor	024-35441-000	024-35441-000	024-35441-000	024-35441-000	024-35441-000	024-35441-000
7D	2	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
7E	1	Fuse Block	025-37864-000	025-37864-000	025-37864-000	025-37864-000	025-37864-000	025-37864-000
7F	2	Fuse	025-37618-000	025-37618-000	025-37618-000	025-37618-000	025-37618-000	025-37618-000
10	1	Ground Bar	025-35685-000	025-35685-000	025-35685-000	025-35685-000	025-35685-000	025-35685-000
11	1	Fuse Block	025-37862-000	025-37862-000	025-37862-000	025-37862-000	025-37862-000	025-37862-000
11A	1	Fuse	025-34435-000	025-34435-000	025-34435-000	025-34435-000	025-34435-000	025-34435-000

^S = Recommended Spare Part

SX*	SINGLE POINT TERMINAL BLOCK
SD*	SINGLE POINT NON-FUSED DISCONNECT SWITCH
BX*	SINGLE POINT CIRCUIT BREAKER

***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.

CONTROL PANEL AND POWER PANEL COMPONENTS (CONT'D)

TABLE 8 (CONT'D) – CONTROL AND POWER PANEL COMPONENTS
(SEE FIGS. 7 AND 7A, PAGES 29 AND 30)

Item	Qty	Description	YCAL0018-58			YCAL0021-17		
			371-04935-104* SX	371-04935-204* SD	371-04935-304* BX	371-04935-101* SX	371-04935-201* SD	371-04935-305* BX
2	1	Control Transformer	025-30889-000	025-30889-000	025-30889-000	025-30889-000	025-30889-000	025-30889-000
2A	1	Single Point Terminal Block	025-39423-000	N/A	N/A	025-39423-000	N/A	N/A
	1	Single Point Circuit Breaker	N/A	N/A	024-31837-000	N/A	N/A	024-31844-000
	1	Single Point NF Disconnect Switch	N/A	024-31888-000	N/A	N/A	024-31888-000	N/A
2B	1	Lugs	N/A	025-34477-000	025-34477-000	N/A	025-34477-000	025-34477-000
2C	1	Ground Lug	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000
2D	3	Safety Cover	N/A	N/A	N/A	N/A	N/A	N/A
3A	1	Control Board	031-02050-001	031-02050-001	031-02050-001	031-02050-001	031-02050-001	031-02050-001
3B	1	Eprom	031-02049-001	031-02049-001	031-02049-001	031-02049-001	031-02049-001	031-02049-001
4A	2	Compressor Contactor	024-35454-000	024-35454-000	024-35454-000	024-35467-000	024-35467-000	024-35467-000
4B	2	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
4D	2	Auxiliary Contact	024-35515-000	024-35515-000	024-35515-000	N/A	N/A	N/A
5	1	Control Relay	024-35526-000	024-35526-000	024-35526-000	024-35526-000	024-35526-000	024-35526-000
5A	1	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
6B	1	Display	031-01110-000	031-01110-000	031-01110-000	031-01110-000	031-01110-000	031-01110-000
6D	1	Switch	024-25517-000	024-25517-000	024-25517-000	024-25517-000	024-25517-000	024-25517-000
6F	1	Ribbon Cable	031-01109-211	031-01109-211	031-01109-211	031-01109-211	031-01109-211	031-01109-211
7C	2	Fan Contactor	024-35441-000	024-35441-000	024-35441-000	024-35441-000	024-35441-000	024-35441-000
7D	2	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
7E	1	Fuse Block	025-37864-000	025-37864-000	025-37864-000	025-37864-000	025-37864-000	025-37864-000
7F	2	Fuse	025-37618-000	025-37618-000	025-37618-000	025-37618-000	025-37618-000	025-37618-000
10	1	Ground Bar	025-35685-000	025-35685-000	025-35685-000	025-35685-000	025-35685-000	025-35685-000
11	1	Fuse Block	025-37862-000	025-37862-000	025-37862-000	025-37862-000	025-37862-000	025-37862-000
11A	1	Fuse	025-34435-000	025-34435-000	025-34435-000	025-34435-000	025-34435-000	025-34435-000

^s = Recommended Spare Part

SX*	SINGLE POINT TERMINAL BLOCK
SD*	SINGLE POINT NON-FUSED DISCONNECT SWITCH
BX*	SINGLE POINT CIRCUIT BREAKER

***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.

CONTROL PANEL AND POWER PANEL COMPONENTS (CONT'D)

TABLE 8 (CONT'D) – CONTROL AND POWER PANEL COMPONENTS
(SEE FIGS. 7 AND 7A, PAGES 29 AND 30)

Item	Qty	Description	YCAL0021-28			YCAL0021-40		
			371-04935-101* SX	371-04935-201* SD	371-04935-301* BX	371-04935-102* SX	371-04935-202* SD	371-04935-306* BX
2	1	Control Transformer	025-30889-000	025-30889-000	025-30889-000	025-30889-000	025-30889-000	025-30889-000
2A	1	Single Point Terminal Block	025-39423-000	N/A	N/A	025-39423-000	N/A	N/A
	1	Single Point Circuit Breaker	N/A	N/A	024-31843-000	N/A	N/A	024-31840-000
	1	Single Point NF Disconnect Switch	N/A	024-31888-000	N/A	N/A	024-31888-000	N/A
2B	1	Lugs	N/A	025-34477-000	025-34477-000	N/A	025-34477-000	025-34477-000
2C	1	Ground Lug	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000
2D	3	Safety Cover	N/A	N/A	N/A	N/A	N/A	N/A
3A	1	Control Board	031-02050-001	031-02050-001	031-02050-001	031-02050-001	031-02050-001	031-02050-001
3B	1	Eprom	031-02049-001	031-02049-001	031-02049-001	031-02049-001	031-02049-001	031-02049-001
4A	2	Compressor Contactor	024-35467-000	024-35467-000	024-35467-000	024-35462-000	024-35462-000	024-35462-000
4B	2	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
4D	2	Auxiliary Contact	N/A	N/A	N/A	N/A	N/A	N/A
5	1	Control Relay	024-35526-000	024-35526-000	024-35526-000	024-35526-000	024-35526-000	024-35526-000
5A	1	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
6B	1	Display	031-01110-000	031-01110-000	031-01110-000	031-01110-000	031-01110-000	031-01110-000
6D	1	Switch	024-25517-000	024-25517-000	024-25517-000	024-25517-000	024-25517-000	024-25517-000
6F	1	Ribbon Cable	031-01109-211	031-01109-211	031-01109-211	031-01109-211	031-01109-211	031-01109-211
7C	2	Fan Contactor	024-35441-000	024-35441-000	024-35441-000	024-35441-000	024-35441-000	024-35441-000
7D	2	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
7E	1	Fuse Block	025-37864-000	025-37864-000	025-37864-000	025-37864-000	025-37864-000	025-37864-000
7F	2	Fuse	025-37618-000	025-37618-000	025-37618-000	025-37618-000	025-37618-000	025-37618-000
10	1	Ground Bar	025-35685-000	025-35685-000	025-35685-000	025-35685-000	025-35685-000	025-35685-000
11	1	Fuse Block	025-37862-000	025-37862-000	025-37862-000	025-37862-000	025-37862-000	025-37862-000
11A	1	Fuse	025-34435-000	025-34435-000	025-34435-000	025-34435-000	025-34435-000	025-34435-000

^S = Recommended Spare Part

SX*	SINGLE POINT TERMINAL BLOCK
SD*	SINGLE POINT NON-FUSED DISCONNECT SWITCH
BX*	SINGLE POINT CIRCUIT BREAKER

***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.

CONTROL PANEL AND POWER PANEL COMPONENTS (CONT'D)

TABLE 8 (CONT'D) – CONTROL AND POWER PANEL COMPONENTS
(SEE FIGS. 7 AND 7A, PAGES 29 AND 30)

Item	Qty	Description	YCAL0021-46 & YCAL0021-50			YCAL0021-58		
			371-04935-103* SX	371-04935-203* SD	371-04935-303* BX	371-04935-104* SX	371-04935-204* SD	371-04935-307* BX
2	1	Control Transformer	025-30889-000	025-30889-000	025-30889-000	025-30889-000	025-30889-000	025-30889-000
2A	1	Single Point Terminal Block	025-39423-000	N/A	N/A	025-39423-000	N/A	N/A
	1	Single Point Circuit Breaker	N/A	N/A	024-31838-000	N/A	N/A	024-31837-000
	1	Single Point NF Disconnect Switch	N/A	024-31888-000	N/A	N/A	024-31888-000	N/A
2B	1	Lugs	N/A	025-34477-000	025-34478-000	N/A	025-34477-000	025-34477-000
2C	1	Ground Lug	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000
2D	3	Safety Cover	N/A	N/A	N/A	N/A	N/A	N/A
3A	1	Control Board	031-02050-001	031-02050-001	031-02050-001	031-02050-001	031-02050-001	031-02050-001
3B	1	Eprom	031-02049-001	031-02049-001	031-02049-001	031-02049-001	031-02049-001	031-02049-001
4A	2	Compressor Contactor	024-35454-000	024-35454-000	024-35454-000	024-35454-000	024-35454-000	024-35454-000
4B	2	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
4D	2	Auxiliary Contact	024-35515-000	024-35515-000	024-35515-000	024-35515-000	024-35515-000	024-35515-000
5	1	Control Relay	024-35526-000	024-35526-000	024-35526-000	024-35526-000	024-35526-000	024-35526-000
5A	1	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
6B	1	Display	031-01110-000	031-01110-000	031-01110-000	031-01110-000	031-01110-000	031-01110-000
6D	1	Switch	024-25517-000	024-25517-000	024-25517-000	024-25517-000	024-25517-000	024-25517-000
6F	1	Ribbon Cable	031-01109-211	031-01109-211	031-01109-211	031-01109-211	031-01109-211	031-01109-211
7C	2	Fan Contactor	024-35441-000	024-35441-000	024-35441-000	024-35441-000	024-35441-000	024-35441-000
7D	2	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
7E	1	Fuse Block	025-37864-000	025-37864-000	025-37864-000	025-37864-000	025-37864-000	025-37864-000
7F	2	Fuse	025-37618-000	025-37618-000	025-37618-000	025-37618-000	025-37618-000	025-37618-000
10	1	Ground Bar	025-35685-000	025-35685-000	025-35685-000	025-35685-000	025-35685-000	025-35685-000
11	1	Fuse Block	025-37862-000	025-37862-000	025-37862-000	025-37862-000	025-37862-000	025-37862-000
11A	1	Fuse	025-34435-000	025-34435-000	025-34435-000	025-34435-000	025-34435-000	025-34435-000

^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.

Control & Power Panel

CONTROL PANEL AND POWER PANEL COMPONENTS (CONT'D)

TABLE 8 (CONT'D) – CONTROL AND POWER PANEL COMPONENTS
(SEE FIGS. 7 AND 7A, PAGES 29 AND 30)

Item	Qty	Description	YCAL0025-17			YCAL0025-28		
			371-04891-101* SX	371-04891-201* SD	371-04891-301* BX	371-04891-101* SX	371-04891-201* SD	371-04891-306* BX
2	1	Control Transformer	025-30889-000	025-30889-000	025-30889-000	025-30889-000	025-30889-000	025-30889-000
2A	1	Single Point Terminal Block	025-39423-000	N/A	N/A	025-39423-000	N/A	N/A
	1	Single Point Circuit Breaker	N/A	N/A	024-31820-000	N/A	N/A	024-31649-000
	1	Single Point NF Disconnect Switch	N/A	024-31888-000	N/A	N/A	024-31888-000	N/A
2B	1	Lugs	N/A	025-34478-000	025-34478-000	N/A	025-34478-000	025-34478-000
2C	1	Ground Lug	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000
2D	3	Safety Cover	N/A	N/A	N/A	N/A	N/A	N/A
3A	1	Control Board	031-02050-001	031-02050-001	031-02050-001	031-02050-001	031-02050-001	031-02050-001
3B	1	Eprom	031-02049-001	031-02049-001	031-02049-001	031-02049-001	031-02049-001	031-02049-001
4A	2	Compressor Contactor	024-35470-000	024-35470-000	024-35470-000	024-35470-000	024-35470-000	024-35470-000
4B	2	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
4D	2	Auxiliary Contact	N/A	N/A	N/A	N/A	N/A	N/A
5	1	Control Relay	024-35526-000	024-35526-000	024-35526-000	024-35526-000	024-35526-000	024-35526-000
5A	1	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
6B	1	Display	031-01110-000	031-01110-000	031-01110-000	031-01110-000	031-01110-000	031-01110-000
6D	1	Switch	024-25517-000	024-25517-000	024-25517-000	024-25517-000	024-25517-000	024-25517-000
6F	1	Ribbon Cable	031-01109-211	031-01109-211	031-01109-211	031-01109-211	031-01109-211	031-01109-211
7C	2	Fan Contactor	024-35444-000	024-35444-000	024-35444-000	024-35444-000	024-35444-000	024-35444-000
7D	2	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
7E	1	Fuse Block	025-37863-000	025-37863-000	025-37863-000	025-37863-000	025-37863-000	025-37863-000
7F	2	Fuse	025-34142-000	025-34142-000	025-34142-000	025-34142-000	025-34142-000	025-34142-000
10	1	Ground Bar	025-35685-000	025-35685-000	025-35685-000	025-35685-000	025-35685-000	025-35685-000
11	1	Fuse Block	025-37862-000	025-37862-000	025-37862-000	025-37862-000	025-37862-000	025-37862-000
11A	1	Fuse	025-34435-000	025-34435-000	025-34435-000	025-34435-000	025-34435-000	025-34435-000

^S = Recommended Spare Part

SX*	SINGLE POINT TERMINAL BLOCK
SD*	SINGLE POINT NON-FUSED DISCONNECT SWITCH
BX*	SINGLE POINT CIRCUIT BREAKER

***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.

CONTROL PANEL AND POWER PANEL COMPONENTS (CONT'D)

TABLE 8 (CONT'D) – CONTROL AND POWER PANEL COMPONENTS
(SEE FIGS. 7 AND 7A, PAGES 29 AND 30)

Item	Qty	Description	YCAL0025-40			YCAL0025-46 & YCAL0025-50		
			371-04891-102* SX	371-04891-202* SD	371-04891-302* BX	371-04891-103* SX	371-04891-203* SD	371-04891-303* BX
2	1	Control Transformer	025-30889-000	025-30889-000	025-30889-000	025-30889-000	025-30889-000	025-30889-000
2A	1	Single Point Terminal Block	025-39423-000	N/A	N/A	025-39423-000	N/A	N/A
	1	Single Point Circuit Breaker	N/A	N/A	024-31842-000	N/A	N/A	024-31840-000
	1	Single Point NF Disconnect Switch	N/A	024-31888-000	N/A	N/A	024-31888-000	N/A
2B	1	Lugs	N/A	025-34477-000	025-34477-000	N/A	025-34477-000	025-34477-000
2C	1	Ground Lug	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000
2D	3	Safety Cover	N/A	N/A	N/A	N/A	N/A	N/A
3A	1	Control Board	031-02050-001	031-02050-001	031-02050-001	031-02050-001	031-02050-001	031-02050-001
3B	1	Eprom	031-02049-001	031-02049-001	031-02049-001	031-02049-001	031-02049-001	031-02049-001
4A	2	Compressor Contactor	024-35462-000	024-35462-000	024-35462-000	024-35462-000	024-35462-000	024-35462-000
4B	2	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
4D	2	Auxiliary Contact	N/A	N/A	N/A	N/A	N/A	N/A
5	1	Control Relay	024-35526-000	024-35526-000	024-35526-000	024-35526-000	024-35526-000	024-35526-000
5A	1	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
6B	1	Display	031-01110-000	031-01110-000	031-01110-000	031-01110-000	031-01110-000	031-01110-000
6D	1	Switch	024-25517-000	024-25517-000	024-25517-000	024-25517-000	024-25517-000	024-25517-000
6F	1	Ribbon Cable	031-01109-211	031-01109-211	031-01109-211	031-01109-211	031-01109-211	031-01109-211
7C	2	Fan Contactor	024-35441-000	024-35441-000	024-35441-000	024-35441-000	024-35441-000	024-35441-000
7D	2	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
7E	1	Fuse Block	025-37863-000	025-37863-000	025-37863-000	025-37863-000	025-37863-000	025-37863-000
7F	2	Fuse	025-34142-000	025-34142-000	025-34142-000	025-34142-000	025-34142-000	025-34142-000
10	1	Ground Bar	025-35685-000	025-35685-000	025-35685-000	025-35685-000	025-35685-000	025-35685-000
11	1	Fuse Block	025-37862-000	025-37862-000	025-37862-000	025-37862-000	025-37862-000	025-37862-000
11A	1	Fuse	025-34435-000	025-34435-000	025-34435-000	025-34435-000	025-34435-000	025-34435-000

^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.

CONTROL PANEL AND POWER PANEL COMPONENTS (CONT'D)

TABLE 8 (CONT'D) – CONTROL AND POWER PANEL COMPONENTS
(SEE FIGS. 7 AND 7A, PAGES 29 AND 30)

Item	Qty	Description	YCAL0025-58			YCAL0027-17		
			371-04891-104* SX	371-04891-204* SD	371-04891-304* BX	371-04891-101* SX	371-04891-201* SD	371-04891-301* BX
2	1	Control Transformer	025-30889-000	025-30889-000	025-30889-000	025-30889-000	025-30889-000	025-30889-000
2A	1	Single Point Terminal Block	025-39423-000	N/A	N/A	025-39423-000	N/A	N/A
	1	Single Point Circuit Breaker	N/A	N/A	024-31842-000	N/A	N/A	024-31820-000
	1	Single Point NF Disconnect Switch	N/A	024-31888-000	N/A	N/A	024-31888-000	N/A
2B	1	Lugs	N/A	025-34477-000	025-34477-000	N/A	025-34478-000	025-34478-000
2C	1	Ground Lug	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000
2D	3	Safety Cover	N/A	N/A	N/A	N/A	N/A	N/A
3A	1	Control Board	031-02050-001	031-02050-001	031-02050-001	031-02050-001	031-02050-001	031-02050-001
3B	1	Eprom	031-02049-001	031-02049-001	031-02049-001	031-02049-001	031-02049-001	031-02049-001
4A	2	Compressor Contactor	024-35462-000	024-35462-000	024-35462-000	024-35470-000	024-35470-000	024-35470-000
4B	2	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
4D	2	Auxiliary Contact	024-35515-000	N/A	N/A	N/A	N/A	N/A
5	1	Control Relay	024-35526-000	024-35526-000	024-35526-000	024-35526-000	024-35526-000	024-35526-000
5A	1	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
6B	1	Display	031-01110-000	031-01110-000	031-01110-000	031-01110-000	031-01110-000	031-01110-000
6D	1	Switch	024-25517-000	024-25517-000	024-25517-000	024-25517-000	024-25517-000	024-25517-000
6F	1	Ribbon Cable	031-01109-211	031-01109-211	031-01109-211	031-01109-211	031-01109-211	031-01109-211
7C	2	Fan Contactor	024-35441-000	024-35441-000	024-35441-000	024-35444-000	024-35444-000	024-35444-000
7D	2	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
7E	1	Fuse Block	025-37863-000	025-37863-000	025-37863-000	025-37863-000	025-37863-000	025-37863-000
7F	2	Fuse	025-34142-000	025-34142-000	025-34142-000	025-34142-000	025-34142-000	025-34142-000
10	1	Ground Bar	025-35685-000	025-35685-000	025-35685-000	025-35685-000	025-35685-000	025-35685-000
11	1	Fuse Block	025-37862-000	025-37862-000	025-37862-000	025-37862-000	025-37862-000	025-37862-000
11A	1	Fuse	025-34435-000	025-34435-000	025-34435-000	025-34435-000	025-34435-000	025-34435-000

Control & Power Panel

SX*	SINGLE POINT TERMINAL BLOCK
SD*	SINGLE POINT NON-FUSED DISCONNECT SWITCH
BX*	SINGLE POINT CIRCUIT BREAKER

***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.

CONTROL PANEL AND POWER PANEL COMPONENTS (CONT'D)

TABLE 8 (CONT'D) – CONTROL AND POWER PANEL COMPONENTS
(SEE FIGS. 7 AND 7A, PAGES 29 AND 30)

Item	Qty	Description	YCAL0027-28			YCAL0027-40		
			371-04891-101* SX	371-04891-201* SD	371-04891-306* BX	371-04891-105* SX	371-04891-205* SD	371-04891-305* BX
2	1	Control Transformer	025-30889-000	025-30889-000	025-30889-000	025-30889-000	025-30889-000	025-30889-000
2A	1	Single Point Terminal Block	025-39423-000	N/A	N/A	025-39423-000	N/A	N/A
	1	Single Point Circuit Breaker	N/A	N/A	024-31649-000	N/A	N/A	024-31842-000
	1	Single Point NF Disconnect Switch	N/A	024-31888-000	N/A	N/A	024-31888-000	N/A
2B	1	Lugs	N/A	025-34478-000	025-34478-000	N/A	025-34477-000	025-34477-000
2C	1	Ground Lug	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000
2D	3	Safety Cover	N/A	N/A	N/A	N/A	N/A	N/A
3A	1	Control Board	031-02050-001	031-02050-001	031-02050-001	031-02050-001	031-02050-001	031-02050-001
3B	1	Eprom	031-02049-001	031-02049-001	031-02049-001	031-02049-001	031-02049-001	031-02049-001
4A	2	Compressor Contactor	024-35470-000	024-35470-000	024-35470-000	024-35467-000	024-35467-000	024-35467-000
4B	2	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
4D	2	Auxiliary Contact	N/A	N/A	N/A	N/A	N/A	N/A
5	1	Control Relay	024-35526-000	024-35526-000	024-35526-000	024-35526-000	024-35526-000	024-35526-000
5A	1	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
6B	1	Display	031-01110-000	031-01110-000	031-01110-000	031-01110-000	031-01110-000	031-01110-000
6D	1	Switch	024-25517-000	024-25517-000	024-25517-000	024-25517-000	024-25517-000	024-25517-000
6F	1	Ribbon Cable	031-01109-211	031-01109-211	031-01109-211	031-01109-211	031-01109-211	031-01109-211
7C	2	Fan Contactor	024-35444-000	024-35444-000	024-35444-000	024-35441-000	024-35441-000	024-35441-000
7D	2	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
7E	1	Fuse Block	025-37863-000	025-37863-000	025-37863-000	025-37863-000	025-37863-000	025-37863-000
7F	2	Fuse	025-34142-000	025-34142-000	025-34142-000	025-34142-000	025-34142-000	025-34142-000
10	1	Ground Bar	025-35685-000	025-35685-000	025-35685-000	025-35685-000	025-35685-000	025-35685-000
11	1	Fuse Block	025-37862-000	025-37862-000	025-37862-000	025-37862-000	025-37862-000	025-37862-000
11A	1	Fuse	025-34435-000	025-34435-000	025-34435-000	025-34435-000	025-34435-000	025-34435-000

^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.

CONTROL PANEL AND POWER PANEL COMPONENTS (CONT'D)

TABLE 8 (CONT'D) – CONTROL AND POWER PANEL COMPONENTS
(SEE FIGS. 7 AND 7A, PAGES 29 AND 30)

Item	Qty	Description	YCAL0025-46 & YCAL0027-50			YCAL0027-58		
			371-04891-103* SX	371-04891-203* SD	371-04891-303* BX	371-04891-103* SX	371-04891-203* SD	371-04891-309* BX
2	1	Control Transformer	025-30889-000	025-30889-000	025-30889-000	025-30889-000	025-30889-000	025-30889-000
2A	1	Single Point Terminal Block	025-39423-000	N/A	N/A	025-39423-000	N/A	N/A
	1	Single Point Circuit Breaker	N/A	N/A	024-31840-000	N/A	N/A	024-31839-000
	1	Single Point NF Disconnect Switch	N/A	024-31888-000	N/A	N/A	024-31888-000	N/A
2B	1	Lugs	N/A	025-34477-000	025-34477-000	N/A	025-34477-000	025-34477-000
2C	1	Ground Lug	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000
2D	3	Safety Cover	N/A	N/A	N/A	N/A	N/A	N/A
3A	1	Control Board	031-02050-001	031-02050-001	031-02050-001	031-02050-001	031-02050-001	031-02050-001
3B	1	Eprom	031-02049-001	031-02049-001	031-02049-001	031-02049-001	031-02049-001	031-02049-001
4A	2	Compressor Contactor	024-35462-000	024-35462-000	024-35462-000	024-35462-000	024-35462-000	024-35462-000
4B	2	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
4D	2	Auxiliary Contact	N/A	N/A	N/A	N/A	N/A	N/A
5	1	Control Relay	024-35526-000	024-35526-000	024-35526-000	024-35526-000	024-35526-000	024-35526-000
5A	1	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
6B	1	Display	031-01110-000	031-01110-000	031-01110-000	031-01110-000	031-01110-000	031-01110-000
6D	1	Switch	024-25517-000	024-25517-000	024-25517-000	024-25517-000	024-25517-000	024-25517-000
6F	1	Ribbon Cable	031-01109-211	031-01109-211	031-01109-211	031-01109-211	031-01109-211	031-01109-211
7C	2	Fan Contactor	024-35441-000	024-35441-000	024-35441-000	024-35441-000	024-35441-000	024-35441-000
7D	2	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
7E	1	Fuse Block	025-37863-000	025-37863-000	025-37863-000	025-37863-000	025-37863-000	025-37863-000
7F	2	Fuse	025-34142-000	025-34142-000	025-34142-000	025-34142-000	025-34142-000	025-34142-000
10	1	Ground Bar	025-35685-000	025-35685-000	025-35685-000	025-35685-000	025-35685-000	025-35685-000
11	1	Fuse Block	025-37862-000	025-37862-000	025-37862-000	025-37862-000	025-37862-000	025-37862-000
11A	1	Fuse	025-34435-000	025-34435-000	025-34435-000	025-34435-000	025-34435-000	025-34435-000

Control & Power Panel

SX*	SINGLE POINT TERMINAL BLOCK
SD*	SINGLE POINT NON-FUSED DISCONNECT SWITCH
BX*	SINGLE POINT CIRCUIT BREAKER

***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.

CONTROL PANEL AND POWER PANEL COMPONENTS (CONT'D)

TABLE 8 (CONT'D) – CONTROL AND POWER PANEL COMPONENTS
(SEE FIGS. 7 AND 7A, PAGES 29 AND 30)

Item	Qty	Description	YCAL0032-17 & YCAL0032-28			YCAL0032-40		
			371-04891-101* SX	371-04891-201* SD	371-04891-301* BX	371-04891-105* SX	371-04891-210* SD	371-04891-310* BX
2	1	Control Transformer	025-30889-000	025-30889-000	025-30889-000	025-30889-000	025-30889-000	025-30889-000
2A	1	Single Point Terminal Block	025-39423-000	N/A	N/A	025-39423-000	N/A	N/A
	1	Single Point Circuit Breaker	N/A	N/A	024-31820-000	N/A	N/A	024-31843-000
	1	Single Point NF Disconnect Switch	N/A	024-31888-000	N/A	N/A	024-31888-000	N/A
2B	1	Lugs	N/A	025-34478-000	025-34478-000	N/A	025-34477-000	025-34477-000
2C	1	Ground Lug	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000
2D	3	Safety Cover	N/A	N/A	N/A	N/A	N/A	N/A
3A	1	Control Board	031-02050-001	031-02050-001	031-02050-001	031-02050-001	031-02050-001	031-02050-001
3B	1	Eprom	031-02049-001	031-02049-001	031-02049-001	031-02049-001	031-02049-001	031-02049-001
4A	2	Compressor Contactor	024-35470-000	024-35470-000	024-35470-000	024-35467-000	024-35467-000	024-35467-000
4B	2	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
4D	2	Auxiliary Contact	N/A	N/A	N/A	N/A	N/A	N/A
5	1	Control Relay	024-35526-000	024-35526-000	024-35526-000	024-35526-000	024-35526-000	024-35526-000
5A	1	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
6B	1	Display	031-01110-000	031-01110-000	031-01110-000	031-01110-000	031-01110-000	031-01110-000
6D	1	Switch	024-25517-000	024-25517-000	024-25517-000	024-25517-000	024-25517-000	024-25517-000
6F	1	Ribbon Cable	031-01109-211	031-01109-211	031-01109-211	031-01109-211	031-01109-211	031-01109-211
7C	2	Fan Contactor	024-35444-000	024-35444-000	024-35444-000	024-35441-000	024-35441-000	024-35441-000
7D	2	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
7E	1	Fuse Block	025-37863-000	025-37863-000	025-37863-000	025-37863-000	025-37863-000	025-37863-000
7F	2	Fuse	025-34142-000	025-34142-000	025-34142-000	025-34142-000	025-34142-000	025-34142-000
10	1	Ground Bar	025-35685-000	025-35685-000	025-35685-000	025-35685-000	025-35685-000	025-35685-000
11	1	Fuse Block	025-37862-000	025-37862-000	025-37862-000	025-37862-000	025-37862-000	025-37862-000
11A	1	Fuse	025-34435-000	025-34435-000	025-34435-000	025-34435-000	025-34435-000	025-34435-000

^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.

Control & Power Panel

CONTROL PANEL AND POWER PANEL COMPONENTS (CONT'D)

TABLE 8 (CONT'D) – CONTROL AND POWER PANEL COMPONENTS
(SEE FIGS. 7 AND 7A, PAGES 29 AND 30)

Item	Qty	Description	YCAL0032-46 & YCAL0032-50			YCAL0032-58		
			371-04891-103* SX	371-04891-203* SD	371-04891-303* BX	371-04891-103* SX	371-04891-203* SD	371-04891-309* BX
2	1	Control Transformer	025-30889-000	025-30889-000	025-30889-000	025-30889-000	025-30889-000	025-30889-000
2A	1	Single Point Terminal Block	025-39423-000	N/A	N/A	025-39423-000	N/A	N/A
	1	Single Point Circuit Breaker	N/A	N/A	024-31840-000	N/A	N/A	024-31839-000
	1	Single Point NF Disconnect Switch	N/A	024-31888-000	N/A	N/A	024-31888-000	N/A
2B	1	Lugs	N/A	025-34477-000	025-34477-000	N/A	025-34477-000	025-34477-000
2C	1	Ground Lug	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000	025-34455-000
2D	3	Safety Cover	N/A	N/A	N/A	N/A	N/A	N/A
3A	1	Control Board	031-02050-001	031-02050-001	031-02050-001	031-02050-001	031-02050-001	031-02050-001
3B	1	Eprom	031-02049-001	031-02049-001	031-02049-001	031-02049-001	031-02049-001	031-02049-001
4A	2	Compressor Contactor	024-35462-000	024-35462-000	024-35462-000	024-35462-000	024-35462-000	024-35462-000
4B	2	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
4D	2	Auxiliary Contact	N/A	N/A	N/A	N/A	N/A	N/A
5	1	Control Relay	024-35526-000	024-35526-000	024-35526-000	024-35526-000	024-35526-000	024-35526-000
5A	1	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
6B	1	Display	031-01110-000	031-01110-000	031-01110-000	031-01110-000	031-01110-000	031-01110-000
6D	1	Switch	024-25517-000	024-25517-000	024-25517-000	024-25517-000	024-25517-000	024-25517-000
6F	1	Ribbon Cable	031-01109-211	031-01109-211	031-01109-211	031-01109-211	031-01109-211	031-01109-211
7C	2	Fan Contactor	024-35441-000	024-35441-000	024-35441-000	024-35441-000	024-35441-000	024-35441-000
7D	2	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
7E	1	Fuse Block	025-37863-000	025-37863-000	025-37863-000	025-37863-000	025-37863-000	025-37863-000
7F	2	Fuse	025-34142-000	025-34142-000	025-34142-000	025-34142-000	025-34142-000	025-34142-000
10	1	Ground Bar	025-35685-000	025-35685-000	025-35685-000	025-35685-000	025-35685-000	025-35685-000
11	1	Fuse Block	025-37862-000	025-37862-000	025-37862-000	025-37862-000	025-37862-000	025-37862-000
11A	1	Fuse	025-34435-000	025-34435-000	025-34435-000	025-34435-000	025-34435-000	025-34435-000

Control & Power Panel

SX*	SINGLE POINT TERMINAL BLOCK
SD*	SINGLE POINT NON-FUSED DISCONNECT SWITCH
BX*	SINGLE POINT CIRCUIT BREAKER

***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.

CONTROL PANEL AND POWER PANEL COMPONENTS (CONT'D)

TABLE 8 (CONT'D) – CONTROL AND POWER PANEL COMPONENTS
(SEE FIGS. 7 AND 7A, PAGES 29 AND 30)

Item	Qty	Description	YCAL0041-17 & YCAL0041-28			YCAL0041-40		
			371-04537-103* SX	371-04537-203* SD	371-04537-303* BX	371-04537-102* SX	371-04537-202* SD	371-04537-302* BX
2	1	Control Transformer	025-30889-000	025-30889-000	025-30889-000	025-30889-000	025-30889-000	025-30889-000
2A	1	Single Point Terminal Block	025-39386-000	N/A	N/A	025-39386-000	N/A	N/A
	1	Single Point Circuit Breaker	N/A	N/A	025-34419-000	N/A	N/A	025-34419-000
	1	Single Point NF Disconnect Switch	N/A	024-31870-000	N/A	N/A	024-31888-000	N/A
2B	1	Lugs	N/A	025-34480-000	025-34418-000	N/A	025-34480-000	025-34418-000
2C	1	Ground Lug	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000
2D	3	Safety Cover	025-39393-000	N/A	N/A	025-39393-000	N/A	N/A
3A	1	Control Board	031-02050-001	031-02050-001	031-02050-001	031-02050-001	031-02050-001	031-02050-001
3B	1	Eprom	031-02049-001	031-02049-001	031-02049-001	031-02049-001	031-02049-001	031-02049-001
4A	4	Compressor Contactor	024-35467-000	024-35467-000	024-35467-000	024-35462-000	024-35462-000	024-35462-000
4B	4	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
4D	4	Auxiliary Contact	024-35493-000	N/A	N/A	N/A	N/A	N/A
5	2	Control Relay	024-35526-000	024-35526-000	024-35526-000	024-35526-000	024-35526-000	024-35526-000
5A	2	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
6B	1	Display	031-02100-000	031-02100-000	031-02100-000	031-02100-000	031-02100-000	031-02100-000
6D	1	Switch	024-25517-000	024-25517-000	024-25517-000	024-25517-000	024-25517-000	024-25517-000
6F	1	Ribbon Cable	031-01109-211	031-01109-211	031-01109-211	031-01109-211	031-01109-211	031-01109-211
7C	4	Fan Contactor	024-35444-000	024-35444-000	024-35441-000	024-35441-000	024-35441-000	024-35441-000
7D	4	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
7E	2	Fuse Block	025-37863-000	025-37863-000	025-37863-000	025-37863-000	025-37863-000	025-37863-000
7F	6	Fuse	025-34142-000	025-34142-000	025-34142-000	025-34142-000	025-34142-000	025-34142-000
10	1	Ground Bar	025-35685-000	025-35685-000	025-35685-000	025-35685-000	025-35685-000	025-35685-000
11	1	Fuse Block	025-37862-000	025-37862-000	025-37862-000	025-37862-000	025-37862-000	025-37862-000
11A	1	Fuse	025-34435-000	025-34435-000	025-34435-000	025-34435-000	025-34435-000	025-34435-000

S = Recommended Spare Part

SX*	SINGLE POINT TERMINAL BLOCK
SD*	SINGLE POINT NON-FUSED DISCONNECT SWITCH
BX*	SINGLE POINT CIRCUIT BREAKER

***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.

CONTROL PANEL AND POWER PANEL COMPONENTS (CONT'D)

TABLE 8 (CONT'D) – CONTROL AND POWER PANEL COMPONENTS
(SEE FIGS. 7 AND 7A, PAGES 29 AND 30)

Item	Qty	Description	YCAL0041-46, YCAL0041-50 & YCAL0041-58			YCAL0045-17 & YCAL0045-28		
			371-04537-101* SX	371-04537-201* SD	371-04537-301* BX	371-04537-103* SX	371-04537-203* SD	371-04537-303* BX
2	1	Control Transformer	025-30889-000	025-30889-000	025-30889-000	025-30889-000	025-30889-000	025-30889-000
2A	1	Single Point Terminal Block	025-39386-000	N/A	N/A	025-39386-000	N/A	N/A
	1	Single Point Circuit Breaker	N/A	N/A	025-34419-000	N/A	N/A	025-34419-000
	1	Single Point NF Disconnect Switch	N/A	024-31888-000	N/A	N/A	024-31870-000	N/A
2B	1	Lugs	N/A	025-34480-000	025-34418-000	N/A	025-34480-000	025-34418-000
2C	1	Ground Lug	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000
2D	3	Safety Cover	025-39393-000	N/A	N/A	025-39393-000	N/A	N/A
3A	1	Control Board	031-02050-001	031-02050-001	031-02050-001	031-02050-001	031-02050-001	031-02050-001
3B	1	Eprom	031-02049-001	031-02049-001	031-02049-001	031-02049-001	031-02049-001	031-02049-001
4A	4	Compressor Contactor	024-35454-000	024-35454-000	024-35454-000	024-35467-000	024-35467-000	024-35467-000
4B	4	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
4D	4	Auxiliary Contact	024-35493-000	024-35493-000	024-35493-000	024-35493-000	N/A	N/A
5	2	Control Relay	024-35526-000	024-35526-000	024-35526-000	024-35526-000	024-35526-000	024-35526-000
5A	2	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
6B	1	Display	031-02100-000	031-02100-000	031-02100-000	031-02100-000	031-02100-000	031-02100-000
6D	1	Switch	024-25517-000	024-25517-000	024-25517-000	024-25517-000	024-25517-000	024-25517-000
6F	1	Ribbon Cable	031-01109-211	031-01109-211	031-01109-211	031-01109-211	031-01109-211	031-01109-211
7C	4	Fan Contactor	024-35441-000	024-35441-000	024-35441-000	024-35444-000	024-35444-000	024-35441-000
7D	4	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
7E	2	Fuse Block	025-37863-000	025-37863-000	025-37863-000	025-37863-000	025-37863-000	025-37863-000
7F	6	Fuse	025-34142-000	025-34142-000	025-34142-000	025-34142-000	025-34142-000	025-34142-000
10	1	Ground Bar	025-35685-000	025-35685-000	025-35685-000	025-35685-000	025-35685-000	025-35685-000
11	1	Fuse Block	025-37862-000	025-37862-000	025-37862-000	025-37862-000	025-37862-000	025-37862-000
11A	1	Fuse	025-34435-000	025-34435-000	025-34435-000	025-34435-000	025-34435-000	025-34435-000

S = Recommended Spare Part

SX*	SINGLE POINT TERMINAL BLOCK
SD*	SINGLE POINT NON-FUSED DISCONNECT SWITCH
BX*	SINGLE POINT CIRCUIT BREAKER

***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.

CONTROL PANEL AND POWER PANEL COMPONENTS (CONT'D)

TABLE 8 (CONT'D) – CONTROL AND POWER PANEL COMPONENTS
(SEE FIGS. 7 AND 7A, PAGES 29 AND 30)

Item	Qty	Description	YCAL0045-40			YCAL0045-46, YCAL0045-50 & YCAL0045-58		
			371-04537-101* SX	371-04537-201* SD	371-04537-301* BX	371-04537-103* SX	371-04537-203* SD	371-04537-303* BX
2	1	Control Transformer	025-30889-000	025-30889-000	025-30889-000	025-30889-000	025-30889-000	025-30889-000
2A	1	Single Point Terminal Block	025-39386-000	N/A	N/A	025-39386-000	N/A	N/A
	1	Single Point Circuit Breaker	N/A	N/A	025-34419-000	N/A	N/A	025-34419-000
	1	Single Point NF Disconnect Switch	N/A	024-31888-000	N/A	N/A	024-31870-000	N/A
2B	1	Lugs	N/A	025-34480-000	025-34418-000	N/A	025-34480-000	025-34418-000
2C	1	Ground Lug	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000
2D	3	Safety Cover	025-39393-000	N/A	N/A	025-39393-000	N/A	N/A
3A	1	Control Board	031-02050-001	031-02050-001	031-02050-001	031-02050-001	031-02050-001	031-02050-001
3B	1	Eprom	031-02049-001	031-02049-001	031-02049-001	031-02049-001	031-02049-001	031-02049-001
4A	4	Compressor Contactor	024-35454-000	024-35454-000	024-35454-000	024-35467-000	024-35467-000	024-35467-000
4B	4	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
4D	4	Auxiliary Contact	024-35493-000	024-35493-000	024-35493-000	024-35493-000	N/A	N/A
5	2	Control Relay	024-35526-000	024-35526-000	024-35526-000	024-35526-000	024-35526-000	024-35526-000
5A	2	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
6B	1	Display	031-02100-000	031-02100-000	031-02100-000	031-02100-000	031-02100-000	031-02100-000
6D	1	Switch	024-25517-000	024-25517-000	024-25517-000	024-25517-000	024-25517-000	024-25517-000
6F	1	Ribbon Cable	031-01109-211	031-01109-211	031-01109-211	031-01109-211	031-01109-211	031-01109-211
7C	4	Fan Contactor	024-35441-000	024-35441-000	024-35441-000	024-35444-000	024-35444-000	024-35441-000
7D	4	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
7E	2	Fuse Block	025-37863-000	025-37863-000	025-37863-000	025-37863-000	025-37863-000	025-37863-000
7F	6	Fuse	025-34142-000	025-34142-000	025-34142-000	025-34142-000	025-34142-000	025-34142-000
10	1	Ground Bar	025-35685-000	025-35685-000	025-35685-000	025-35685-000	025-35685-000	025-35685-000
11	1	Fuse Block	025-37862-000	025-37862-000	025-37862-000	025-37862-000	025-37862-000	025-37862-000
11A	1	Fuse	025-34435-000	025-34435-000	025-34435-000	025-34435-000	025-34435-000	025-34435-000

^S = Recommended Spare Part

SX*	SINGLE POINT TERMINAL BLOCK
SD*	SINGLE POINT NON-FUSED DISCONNECT SWITCH
BX*	SINGLE POINT CIRCUIT BREAKER

***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.

CONTROL PANEL AND POWER PANEL COMPONENTS (CONT'D)

TABLE 8 (CONT'D) – CONTROL AND POWER PANEL COMPONENTS
(SEE FIGS. 7 AND 7A, PAGES 29 AND 30)

Item	Qty	Description	YCAL0051-17 & YCAL0051-28			YCAL0051-40, YCAL0051-46 & YCAL0051-50		
			371-04537-103* SX	371-04537-203* SD	371-04537-303* BX	371-04537-102* SX	371-04537-202* SD	371-04537-302* BX
2	1	Control Transformer	025-30889-000	025-30889-000	025-30889-000	025-30889-000	025-30889-000	025-30889-000
2A	1	Single Point Terminal Block	025-39386-000	N/A	N/A	025-39386-000	N/A	N/A
	1	Single Point Circuit Breaker	N/A	N/A	025-34419-000	N/A	N/A	025-34419-000
	1	Single Point NF Disconnect Switch	N/A	024-31870-000	N/A	N/A	024-31888-000	N/A
2B	1	Lugs	N/A	025-34480-000	025-34418-000	N/A	025-34480-000	025-34418-000
2C	1	Ground Lug	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000
2D	3	Safety Cover	025-39393-000	N/A	N/A	025-39393-000	N/A	N/A
3A	1	Control Board	031-02050-001	031-02050-001	031-02050-001	031-02050-001	031-02050-001	031-02050-001
3B	1	Eprom	031-02049-001	031-02049-001	031-02049-001	031-02049-001	031-02049-001	031-02049-001
4A	4	Compressor Contactor	024-35467-000	024-35467-000	024-35467-000	024-35462-000	024-35462-000	024-35462-000
4B	4	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
4D	4	Auxiliary Contact	024-35493-000	N/A	N/A	N/A	N/A	N/A
5	2	Control Relay	024-35526-000	024-35526-000	024-35526-000	024-35526-000	024-35526-000	024-35526-000
5A	2	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
6B	1	Display	031-02100-000	031-02100-000	031-02100-000	031-02100-000	031-02100-000	031-02100-000
6D	1	Switch	024-25517-000	024-25517-000	024-25517-000	024-25517-000	024-25517-000	024-25517-000
6F	1	Ribbon Cable	031-01109-211	031-01109-211	031-01109-211	031-01109-211	031-01109-211	031-01109-211
7C	4	Fan Contactor	024-35444-000	024-35444-000	024-35441-000	024-35441-000	024-35441-000	024-35441-000
7D	4	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
7E	2	Fuse Block	025-37863-000	025-37863-000	025-37863-000	025-37863-000	025-37863-000	025-37863-000
7F	6	Fuse	025-34142-000	025-34142-000	025-34142-000	025-34142-000	025-34142-000	025-34142-000
10	1	Ground Bar	025-35685-000	025-35685-000	025-35685-000	025-35685-000	025-35685-000	025-35685-000
11	1	Fuse Block	025-37862-000	025-37862-000	025-37862-000	025-37862-000	025-37862-000	025-37862-000
11A	1	Fuse	025-34435-000	025-34435-000	025-34435-000	025-34435-000	025-34435-000	025-34435-000

S = Recommended Spare Part

SX*	SINGLE POINT TERMINAL BLOCK
SD*	SINGLE POINT NON-FUSED DISCONNECT SWITCH
BX*	SINGLE POINT CIRCUIT BREAKER

***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.

Control & Power Panel

CONTROL PANEL AND POWER PANEL COMPONENTS (CONT'D)

TABLE 8 (CONT'D) – CONTROL AND POWER PANEL COMPONENTS
(SEE FIGS. 7 AND 7A, PAGES 29 AND 30)

Item	Qty	Description	YCAL0051-58			YCAL0055-17 & YCAL0055-28		
			371-04537-101* SX	371-04537-201* SD	371-04537-301* BX	371-04537-103* SX	371-04537-203* SD	371-04537-303* BX
2	1	Control Transformer	025-30889-000	025-30889-000	025-30889-000	025-30889-000	025-30889-000	025-30889-000
2A	1	Single Point Terminal Block	025-39386-000	N/A	N/A	025-39386-000	N/A	N/A
	1	Single Point Circuit Breaker	N/A	N/A	025-34419-000	N/A	N/A	025-34419-000
	1	Single Point NF Disconnect Switch	N/A	024-31888-000	N/A	N/A	024-31870-000	N/A
2B	1	Lugs	N/A	025-34480-000	025-34418-000	N/A	025-34480-000	025-34418-000
2C	1	Ground Lug	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000
2D	3	Safety Cover	025-39393-000	N/A	N/A	025-39393-000	N/A	N/A
3A	1	Control Board	031-02050-001	031-02050-001	031-02050-001	031-02050-001	031-02050-001	031-02050-001
3B	1	Eprom	031-02049-001	031-02049-001	031-02049-001	031-02049-001	031-02049-001	031-02049-001
4A	4	Compressor Contactor	024-35454-000	024-35454-000	024-35454-000	024-35467-000	024-35467-000	024-35467-000
4B	4	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
4D	4	Auxiliary Contact	024-35493-000	024-35493-000	024-35493-000	024-35493-000	N/A	N/A
5	2	Control Relay	024-35526-000	024-35526-000	024-35526-000	024-35526-000	024-35526-000	024-35526-000
5A	2	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
6B	1	Display	031-02100-000	031-02100-000	031-02100-000	031-02100-000	031-02100-000	031-02100-000
6D	1	Switch	024-25517-000	024-25517-000	024-25517-000	024-25517-000	024-25517-000	024-25517-000
6F	1	Ribbon Cable	031-01109-211	031-01109-211	031-01109-211	031-01109-211	031-01109-211	031-01109-211
7C	4	Fan Contactor	024-35441-000	024-35441-000	024-35441-000	024-35444-000	024-35444-000	024-35441-000
7D	4	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
7E	2	Fuse Block	025-37863-000	025-37863-000	025-37863-000	025-37863-000	025-37863-000	025-37863-000
7F	6	Fuse	025-34142-000	025-34142-000	025-34142-000	025-34142-000	025-34142-000	025-34142-000
10	1	Ground Bar	025-35685-000	025-35685-000	025-35685-000	025-35685-000	025-35685-000	025-35685-000
11	1	Fuse Block	025-37862-000	025-37862-000	025-37862-000	025-37862-000	025-37862-000	025-37862-000
11A	1	Fuse	025-34435-000	025-34435-000	025-34435-000	025-34435-000	025-34435-000	025-34435-000

S = Recommended Spare Part

SX*	SINGLE POINT TERMINAL BLOCK
SD*	SINGLE POINT NON-FUSED DISCONNECT SWITCH
BX*	SINGLE POINT CIRCUIT BREAKER

***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.

CONTROL PANEL AND POWER PANEL COMPONENTS (CONT'D)

TABLE 8 (CONT'D) – CONTROL AND POWER PANEL COMPONENTS
(SEE FIGS. 7 AND 7A, PAGES 29 AND 30)

Item	Qty	Description	YCAL0055-40, YCAL0055-46, YCAL0055-50 & YCAL0055-58			YCAL0061-17 & YCAL0061-28		
			371-04537-103* SX	371-04537-203* SD	371-04537-303* BX	371-04537-102* SX	371-04537-202* SD	371-04537-302* BX
2	1	Control Transformer	025-30889-000	025-30889-000	025-30889-000	025-30889-000	025-30889-000	025-30889-000
2A	1	Single Point Terminal Block	025-39386-000	N/A	N/A	025-39386-000	N/A	N/A
	1	Single Point Circuit Breaker	N/A	N/A	025-34419-000	N/A	N/A	025-34419-000
	1	Single Point NF Disconnect Switch	N/A	024-31870-000	N/A	N/A	024-31888-000	N/A
2B	1	Lugs	N/A	025-34480-000	025-34418-000	N/A	025-34480-000	025-34418-000
2C	1	Ground Lug	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000
2D	3	Safety Cover	025-39393-000	N/A	N/A	025-39393-000	N/A	N/A
3A	1	Control Board	031-02050-001	031-02050-001	031-02050-001	031-02050-001	031-02050-001	031-02050-001
3B	1	Eprom	031-02049-001	031-02049-001	031-02049-001	031-02049-001	031-02049-001	031-02049-001
4A	4	Compressor Contactor	024-35467-000	024-35467-000	024-35467-000	024-35462-000	024-35462-000	024-35462-000
4B	4	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
4D	4	Auxiliary Contact	024-35493-000	N/A	N/A	N/A	N/A	N/A
5	2	Control Relay	024-35526-000	024-35526-000	024-35526-000	024-35526-000	024-35526-000	024-35526-000
5A	2	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
6B	1	Display	031-02100-000	031-02100-000	031-02100-000	031-02100-000	031-02100-000	031-02100-000
6D	1	Switch	024-25517-000	024-25517-000	024-25517-000	024-25517-000	024-25517-000	024-25517-000
6F	1	Ribbon Cable	031-01109-211	031-01109-211	031-01109-211	031-01109-211	031-01109-211	031-01109-211
7C	4	Fan Contactor	024-35444-000	024-35444-000	024-35441-000	024-35441-000	024-35441-000	024-35441-000
7D	4	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
7E	2	Fuse Block	025-37863-000	025-37863-000	025-37863-000	025-37863-000	025-37863-000	025-37863-000
7F	6	Fuse	025-34142-000	025-34142-000	025-34142-000	025-34142-000	025-34142-000	025-34142-000
10	1	Ground Bar	025-35685-000	025-35685-000	025-35685-000	025-35685-000	025-35685-000	025-35685-000
11	1	Fuse Block	025-37862-000	025-37862-000	025-37862-000	025-37862-000	025-37862-000	025-37862-000
11A	1	Fuse	025-34435-000	025-34435-000	025-34435-000	025-34435-000	025-34435-000	025-34435-000

^S = Recommended Spare Part

SX*	SINGLE POINT TERMINAL BLOCK
SD*	SINGLE POINT NON-FUSED DISCONNECT SWITCH
BX*	SINGLE POINT CIRCUIT BREAKER

***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.

CONTROL PANEL AND POWER PANEL COMPONENTS (CONT'D)

TABLE 8 (CONT'D) – CONTROL AND POWER PANEL COMPONENTS
(SEE FIGS. 7 AND 7A, PAGES 29 AND 30)

Item	Qty	Description	YCAL0061-40			YCAL0061-46, YCAL0061-50 & YCAL0061-58		
			371-04537-101* SX	371-04537-201* SD	371-04537-301* BX	371-04537-103* SX	371-04537-203* SD	371-04537-303* BX
2	1	Control Transformer	025-30889-000	025-30889-000	025-30889-000	025-30889-000	025-30889-000	025-30889-000
2A	1	Single Point Terminal Block	025-39386-000	N/A	N/A	025-39386-000	N/A	N/A
	1	Single Point Circuit Breaker	N/A	N/A	025-34419-000	N/A	N/A	025-34419-000
	1	Single Point NF Disconnect Switch	N/A	024-31888-000	N/A	N/A	024-31870-000	N/A
2B	1	Lugs	N/A	025-34480-000	025-34418-000	N/A	025-34480-000	025-34418-000
2C	1	Ground Lug	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000
2D	3	Safety Cover	025-39393-000	N/A	N/A	025-39393-000	N/A	N/A
3A	1	Control Board	031-02050-001	031-02050-001	031-02050-001	031-02050-001	031-02050-001	031-02050-001
3B	1	Eprom	031-02049-001	031-02049-001	031-02049-001	031-02049-001	031-02049-001	031-02049-001
4A	4	Compressor Contactor	024-35454-000	024-35454-000	024-35454-000	024-35467-000	024-35467-000	024-35467-000
4B	4	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
4D	4	Auxiliary Contact	024-35493-000	024-35493-000	024-35493-000	024-35493-000	N/A	N/A
5	2	Control Relay	024-35526-000	024-35526-000	024-35526-000	024-35526-000	024-35526-000	024-35526-000
5A	2	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
6B	1	Display	031-02100-000	031-02100-000	031-02100-000	031-02100-000	031-02100-000	031-02100-000
6D	1	Switch	024-25517-000	024-25517-000	024-25517-000	024-25517-000	024-25517-000	024-25517-000
6F	1	Ribbon Cable	031-01109-211	031-01109-211	031-01109-211	031-01109-211	031-01109-211	031-01109-211
7C	4	Fan Contactor	024-35441-000	024-35441-000	024-35441-000	024-35444-000	024-35444-000	024-35441-000
7D	4	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
7E	2	Fuse Block	025-37863-000	025-37863-000	025-37863-000	025-37863-000	025-37863-000	025-37863-000
7F	6	Fuse	025-34142-000	025-34142-000	025-34142-000	025-34142-000	025-34142-000	025-34142-000
10	1	Ground Bar	025-35685-000	025-35685-000	025-35685-000	025-35685-000	025-35685-000	025-35685-000
11	1	Fuse Block	025-37862-000	025-37862-000	025-37862-000	025-37862-000	025-37862-000	025-37862-000
11A	1	Fuse	025-34435-000	025-34435-000	025-34435-000	025-34435-000	025-34435-000	025-34435-000

S = Recommended Spare Part

SX*	SINGLE POINT TERMINAL BLOCK
SD*	SINGLE POINT NON-FUSED DISCONNECT SWITCH
BX*	SINGLE POINT CIRCUIT BREAKER

***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.

CONTROL PANEL AND POWER PANEL COMPONENTS (CONT'D)

TABLE 8 (CONT'D) – CONTROL AND POWER PANEL COMPONENTS
(SEE FIGS. 7 AND 7A, PAGES 29 AND 30)

Item	Qty	Description	YCAL0065-17 & YCAL0065-28			YCAL0065-40		
			371-04537-103* SX	371-04537-203* SD	371-04537-303* BX	371-04537-102* SX	371-04537-202* SD	371-04537-302* BX
2	1	Control Transformer	025-30889-000	025-30889-000	025-30889-000	025-30889-000	025-30889-000	025-30889-000
2A	1	Single Point Terminal Block	025-39386-000	N/A	N/A	025-39386-000	N/A	N/A
	1	Single Point Circuit Breaker	N/A	N/A	025-34419-000	N/A	N/A	025-34419-000
	1	Single Point NF Disconnect Switch	N/A	024-31870-000	N/A	N/A	024-31888-000	N/A
2B	1	Lugs	N/A	025-34480-000	025-34418-000	N/A	025-34480-000	025-34418-000
2C	1	Ground Lug	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000
2D	3	Safety Cover	025-39393-000	N/A	N/A	025-39393-000	N/A	N/A
3A	1	Control Board	031-02050-001	031-02050-001	031-02050-001	031-02050-001	031-02050-001	031-02050-001
3B	1	Eprom	031-02049-001	031-02049-001	031-02049-001	031-02049-001	031-02049-001	031-02049-001
4A	4	Compressor Contactor	024-35467-000	024-35467-000	024-35467-000	024-35462-000	024-35462-000	024-35462-000
4B	4	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
4D	4	Auxiliary Contact	024-35493-000	N/A	N/A	N/A	N/A	N/A
5	2	Control Relay	024-35526-000	024-35526-000	024-35526-000	024-35526-000	024-35526-000	024-35526-000
5A	2	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
6B	1	Display	031-02100-000	031-02100-000	031-02100-000	031-02100-000	031-02100-000	031-02100-000
6D	1	Switch	024-25517-000	024-25517-000	024-25517-000	024-25517-000	024-25517-000	024-25517-000
6F	1	Ribbon Cable	031-01109-211	031-01109-211	031-01109-211	031-01109-211	031-01109-211	031-01109-211
7C	4	Fan Contactor	024-35444-000	024-35444-000	024-35441-000	024-35441-000	024-35441-000	024-35441-000
7D	4	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
7E	2	Fuse Block	025-37863-000	025-37863-000	025-37863-000	025-37863-000	025-37863-000	025-37863-000
7F	6	Fuse	025-34142-000	025-34142-000	025-34142-000	025-34142-000	025-34142-000	025-34142-000
10	1	Ground Bar	025-35685-000	025-35685-000	025-35685-000	025-35685-000	025-35685-000	025-35685-000
11	1	Fuse Block	025-37862-000	025-37862-000	025-37862-000	025-37862-000	025-37862-000	025-37862-000
11A	1	Fuse	025-34435-000	025-34435-000	025-34435-000	025-34435-000	025-34435-000	025-34435-000

^S = Recommended Spare Part

SX*	SINGLE POINT TERMINAL BLOCK
SD*	SINGLE POINT NON-FUSED DISCONNECT SWITCH
BX*	SINGLE POINT CIRCUIT BREAKER

***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.

CONTROL PANEL AND POWER PANEL COMPONENTS (CONT'D)

TABLE 8 (CONT'D) – CONTROL AND POWER PANEL COMPONENTS
(SEE FIGS. 7 AND 7A, PAGES 29 AND 30)

Item	Qty	Description	YCAL0065-46, YCAL0065-50 & YCAL0065-58			YCAL0071-17 & YCAL0071-28		
			371-04537-103* SX	371-04537-203* SD	371-04537-303* BX	371-04537-109* SX	371-04537-209* SD	371-04537-309* BX
2	1	Control Transformer	025-30889-000	025-30889-000	025-30889-000	025-30889-000	025-30889-000	025-30889-000
2A	1	Single Point Terminal Block	025-39386-000	N/A	N/A	PB-0797	N/A	N/A
	1	Single Point Circuit Breaker	N/A	N/A	025-34419-000	N/A	N/A	025-34424-000
	1	Single Point NF Disconnect Switch	N/A	024-31870-000	N/A	N/A	024-30964-000	N/A
2B	1	Lugs	N/A	025-34480-000	025-34418-000	N/A	025-34481-000	025-34481-000
2C	1	Ground Lug	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000
2D	3	Safety Cover	025-39393-000	N/A	N/A	025-39393-000	N/A	N/A
3A	1	Control Board	031-02050-001	031-02050-001	031-02050-001	031-02050-001	031-02050-001	031-02050-001
3B	1	Eprom	031-02049-001	031-02049-001	031-02049-001	031-02049-001	031-02049-001	031-02049-001
4A	4	Compressor Contactor	024-35467-000	024-35467-000	024-35467-000	024-35473-000	024-35473-000	024-35473-000
4B	4	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
4D	4	Auxiliary Contact	024-35493-000	N/A	N/A	N/A	N/A	N/A
5	2	Control Relay	024-35526-000	024-35526-000	024-35526-000	024-35526-000	024-35526-000	024-35526-000
5A	2	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
6B	1	Display	031-02100-000	031-02100-000	031-02100-000	031-01110-000	031-01110-000	031-01110-000
6D	1	Switch	024-25517-000	024-25517-000	024-25517-000	024-25517-000	024-25517-000	024-25517-000
6F	1	Ribbon Cable	031-01109-211	031-01109-211	031-01109-211	031-01109-211	031-01109-211	031-01109-211
7C	4	Fan Contactor	024-35444-000	024-35444-000	024-35441-000	024-35444-000	024-35444-000	024-35444-000
7D	4	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
7E	2	Fuse Block	025-37863-000	025-37863-000	025-37863-000	025-37863-000	025-37863-000	025-37863-000
7F	6	Fuse	025-34142-000	025-34142-000	025-34142-000	025-34142-000	025-34142-000	025-34142-000
10	1	Ground Bar	025-35685-000	025-35685-000	025-35685-000	025-35685-000	025-35685-000	025-35685-000
11	1	Fuse Block	025-37862-000	025-37862-000	025-37862-000	025-37862-000	025-37862-000	025-37862-000
11A	1	Fuse	025-34435-000	025-34435-000	025-34435-000	025-34435-000	025-34435-000	025-34435-000

S = Recommended Spare Part

SX*	SINGLE POINT TERMINAL BLOCK
SD*	SINGLE POINT NON-FUSED DISCONNECT SWITCH
BX*	SINGLE POINT CIRCUIT BREAKER

***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.

CONTROL PANEL AND POWER PANEL COMPONENTS (CONT'D)

TABLE 8 (CONT'D) – CONTROL AND POWER PANEL COMPONENTS
(SEE FIGS. 7 AND 7A, PAGES 29 AND 30)

Item	Qty	Description	YCAL0071-40			YCAL0071-46, YCAL0071-50 & YCAL0071-58		
			371-04537-103* SX	371-04537-203* SD	371-04537-303* BX	371-04537-102* SX	371-04537-202* SD	371-04537-302* BX
2	1	Control Transformer	025-30889-000	025-30889-000	025-30889-000	025-30889-000	025-30889-000	025-30889-000
2A	1	Single Point Terminal Block	025-39386-000	N/A	N/A	025-39386-000	N/A	N/A
	1	Single Point Circuit Breaker	N/A	N/A	025-34419-000	N/A	N/A	025-34419-000
	1	Single Point NF Disconnect Switch	N/A	024-31870-000	N/A	N/A	024-31888-000	N/A
2B	1	Lugs	N/A	025-34480-000	025-34418-000	N/A	025-34480-000	025-34418-000
2C	1	Ground Lug	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000	025-34089-000
2D	3	Safety Cover	025-39393-000	N/A	N/A	025-39393-000	N/A	N/A
3A	1	Control Board	031-02050-001	031-02050-001	031-02050-001	031-02050-001	031-02050-001	031-02050-001
3B	1	Eprom	031-02049-001	031-02049-001	031-02049-001	031-02049-001	031-02049-001	031-02049-001
4A	4	Compressor Contactor	024-35467-000	024-35467-000	024-35467-000	024-35462-000	024-35462-000	024-35462-000
4B	4	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
4D	4	Auxiliary Contact	024-35493-000	N/A	N/A	N/A	N/A	N/A
5	2	Control Relay	024-35526-000	024-35526-000	024-35526-000	024-35526-000	024-35526-000	024-35526-000
5A	2	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
6B	1	Display	031-02100-000	031-02100-000	031-02100-000	031-02100-000	031-02100-000	031-02100-000
6D	1	Switch	024-25517-000	024-25517-000	024-25517-000	024-25517-000	024-25517-000	024-25517-000
6F	1	Ribbon Cable	031-01109-211	031-01109-211	031-01109-211	031-01109-211	031-01109-211	031-01109-211
7C	4	Fan Contactor	024-35444-000	024-35444-000	024-35441-000	024-35441-000	024-35441-000	024-35441-000
7D	4	Surge Suppressor	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000	031-00808-000
7E	2	Fuse Block	025-37863-000	025-37863-000	025-37863-000	025-37863-000	025-37863-000	025-37863-000
7F	6	Fuse	025-34142-000	025-34142-000	025-34142-000	025-34142-000	025-34142-000	025-34142-000
10	1	Ground Bar	025-35685-000	025-35685-000	025-35685-000	025-35685-000	025-35685-000	025-35685-000
11	1	Fuse Block	025-37862-000	025-37862-000	025-37862-000	025-37862-000	025-37862-000	025-37862-000
11A	1	Fuse	025-34435-000	025-34435-000	025-34435-000	025-34435-000	025-34435-000	025-34435-000

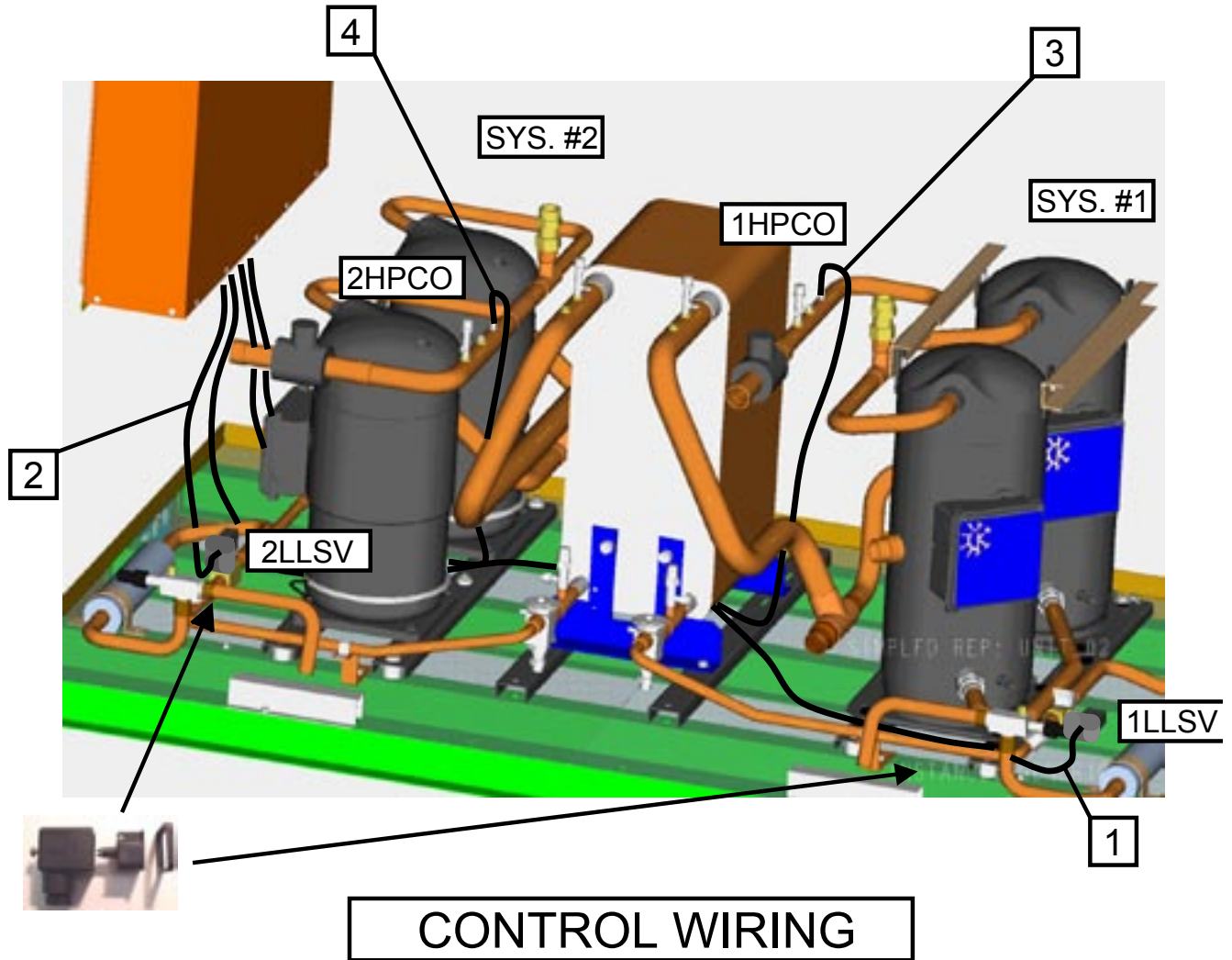
S = Recommended Spare Part

SX*	SINGLE POINT TERMINAL BLOCK
SD*	SINGLE POINT NON-FUSED DISCONNECT SWITCH
BX*	SINGLE POINT CIRCUIT BREAKER

***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.

CONTROL WIRING HARNESSES



CONTROL WIRING

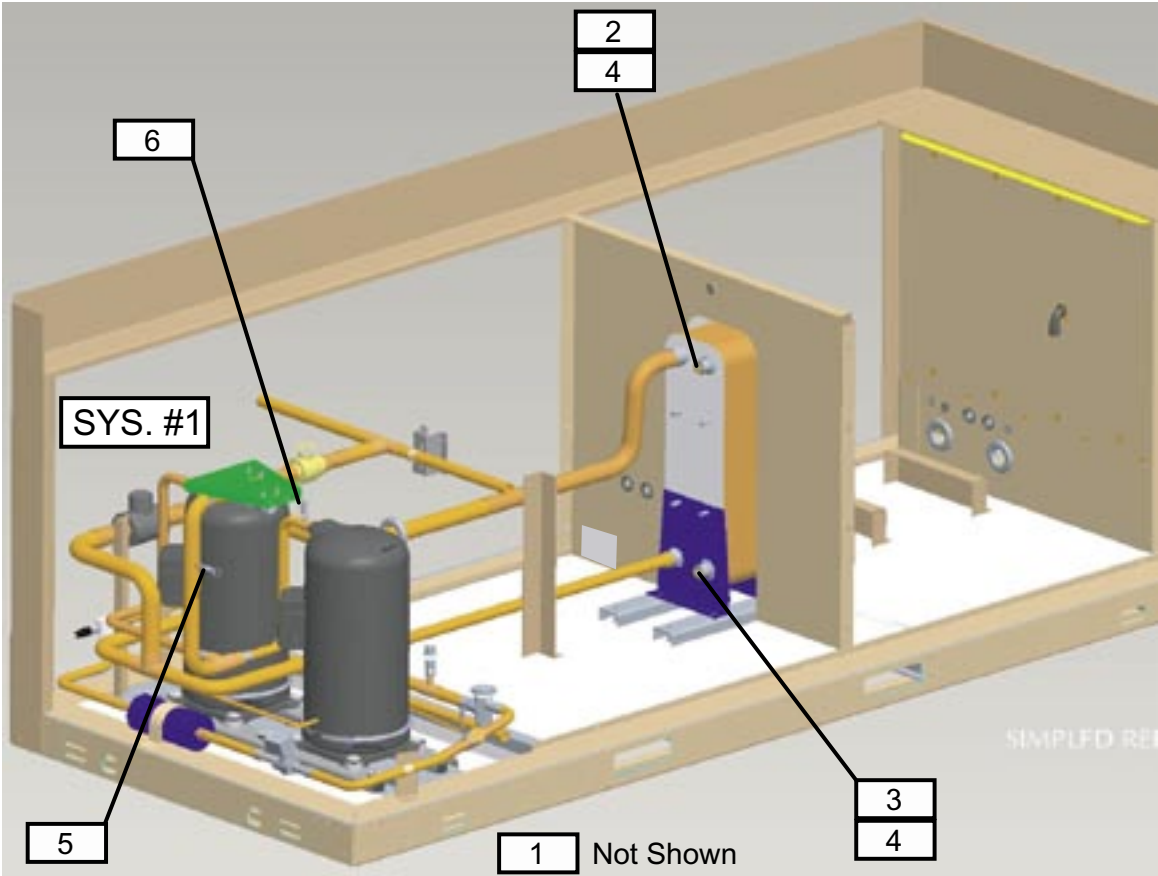
FIG. 8 – CONTROL WIRING HARNESSES - 2 SYSTEM UNIT SHOWN (REF. TABLE 9)

TABLE 9 – CONTROL WIRING HARNESSES (SEE FIG. 8)

ITEM #	DESCRIPTION	SYSTEM	YCAL	PART NUMBER
1	HARNESS, LIQUID LINE SOLENOID VALVE	#1	0012-0021	575-57126-231
			0025-0032	575-57126-231
			0041-0051	575-57126-215
			0055-0065	575-57126-208
2	HARNESS, LIQUID LINE SOLENOID VALVE	#2	0012-0021	N/A
			0025-0032	N/A
			0041-0051	575-57126-216
			0055-0065	575-57126-209
3	HARNESS, HIGH PRESSURE CUT OUT	#1	0012-0021	575-57126-230
			0025-0032	575-57126-230
			0041-0051	575-57126-217
			0055-0065	575-57126-206
4	HARNESS, HIGH PRESSURE CUT OUT	#2	0012-0021	N/A
			0025-0032	N/A
			0041-0051	575-57126-218
			0055-0065	575-57126-207

Sensor Harnesses

SENSOR WIRING HARNESSES



SENSORS AND TRANSDUCERS

62488-005b

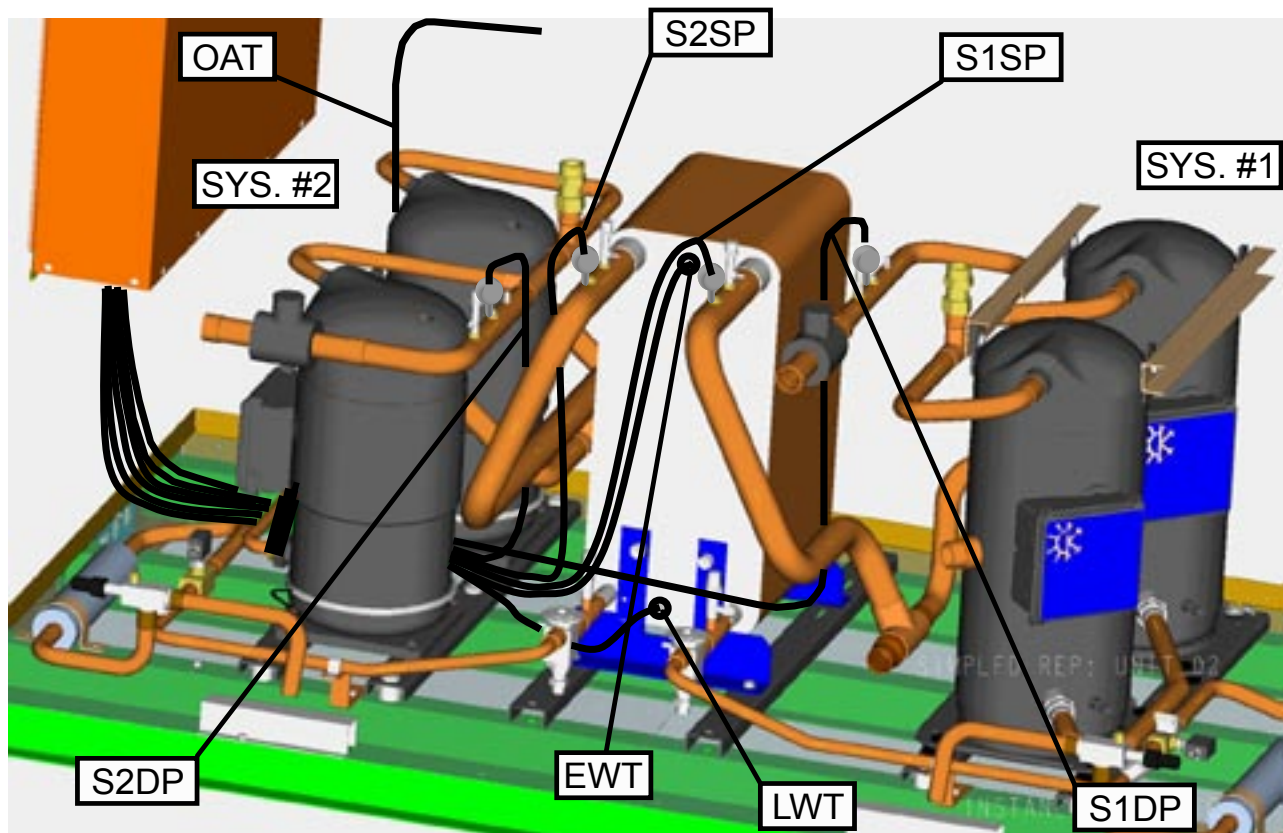
FIG. 9A – SENSOR WIRING HARNESSES - YCAL0012-YCAL0032 (REF. TABLE 10A)

TABLE 10A – SENSOR HARNESS WIRING - YCAL0012-YCAL0032 (SEE FIG. 9A)

MICROBOARD WIRING							
Plug Detail	Plug and Pin P/N	Plug "P" No.	Plug Pin No.	Wire Color	Cable #	Function	Harness Assembly Part Number
	Plug = 025-28954-000	P4	5	Red	S1SP	System #1 Suction Pressure	575-57126-301
			10	White			
			1	Black			
			2	Drain			
	Pin = 025-28386-000	P8	1	Red	S1DP	System #1 Discharge Pressure	575-57126-236
			2	White			
			3	Black			
			4	Drain			

Sensor Harnesses

SENSOR WIRING HARNESES (CONT'D)



SENSOR WIRING

58363-005

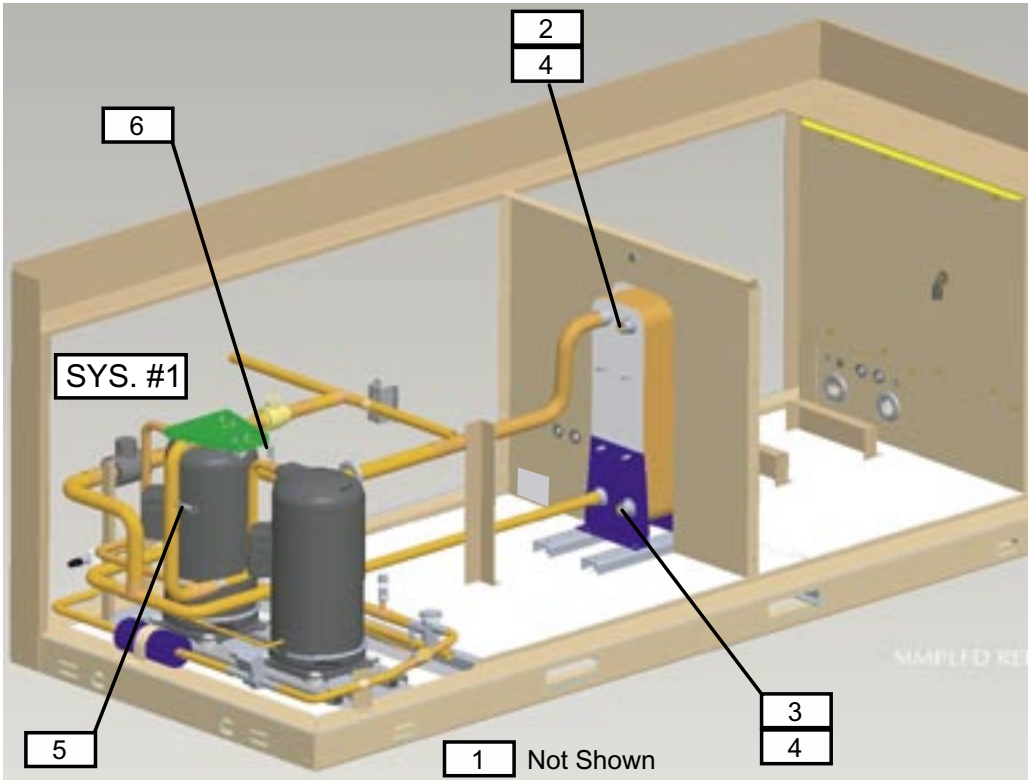
FIG. 9B – SENSOR WIRING HARNESES - YCAL0041-YCAL0071 (REF. TABLE 10B)

TABLE 10B – SENSOR HARNESS WIRING - YCAL0041-YCAL0071 (SEE FIG. 9B)

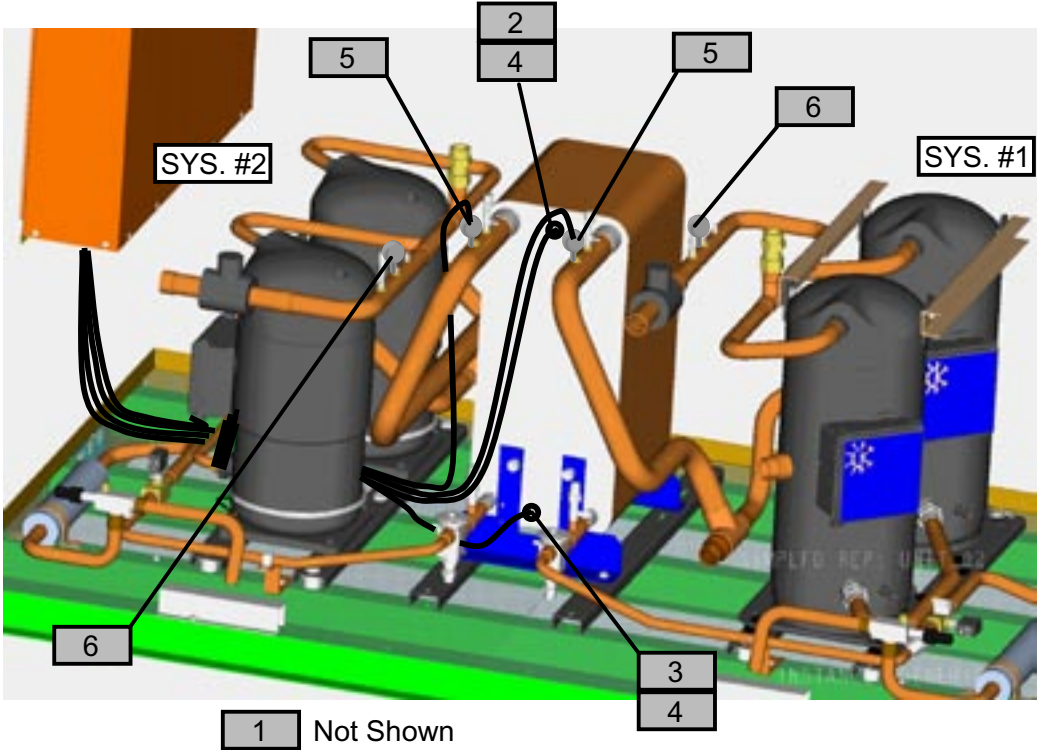
MICROBOARD WIRING											
Plug Detail	Plug and Pin P/N	Plug "P" No.	Plug Pin No.	Wire Color	Cable #	Function	Harness Assembly Part Number				
	Plug = 025-28384-000 Pin = 025-28386-000	P4	5	Red	S1SP	System #1 Suction Pressure	575-57126-303				
			10	White							
			1	Black							
				Plug = 025-28384-000 Pin = 025-28386-000	P7	2		Drain	S1DP	System #1 Discharge Pressure	375-30432-403
						7		Red			
						12		White			
	Plug = 025-28384-000 Pin = 025-28386-000	P7				8	Black	S2SP	System #2 Suction Pressure	575-57126-304	
						9	Drain				
						5	Red				
				Plug = 025-28384-000 Pin = 025-28386-000	P7	10	White	S2DP	System #2 Discharge Pressure		375-30432-404
						1	Black				
						2	Drain				
	Plug = 025-28384-000 Pin = 025-28386-000	P7				7	Red	S2DP	System #2 Discharge Pressure	375-30432-404	
						12	White				
						8	Black				
				Plug = 025-28384-000 Pin = 025-28386-000	P7	9	Drain	S2DP	System #2 Discharge Pressure		375-30432-404
						5	Red				
						10	White				

Sensor Harnesses

TEMPERATURE SENSORS AND TRANSDUCERS



62488-005B



SENSORS AND TRANSDUCERS

58363-005A

Sensor Harnesses

FIG. 10 – TEMPERATURE SENSORS AND TRANSDUCERS - (REF. TABLE 11, PAGE 61)

TEMPERATURE SENSORS AND TRANSDUCERS (CONT'D)

TABLE 11 – TEMPERATURE SENSORS AND TRANSDUCERS
(SEE FIG. 10, PAGE 60)

Item Number	Qty	Description	Models	Part Number
1^S	1	Sensor, Outside Air Temperature (Cable Included)	0012-0032	025-40273-008
			0041-0071	025-40273-003
2^S	2	Sensor, Entering Water Temp. (Cable Included)	0012-0032	025-40273-002
			0041-0051	025-04273-005
			0055-0071	025-04273-002
3^S	2	Sensor, Leaving Water Temp. (Cable Included)	0012-0032	025-04273-007
			0041-0051	025-04273-004
			0055-0071	025-04273-001
4	-	Compound, Heat Conductive	All	013-00898-000
5^S	2	Transducer, Suction Pressure (0-200psi)*	All	025-29583-000
				025-41756-001
6^S	2	Transducer, Discharge Pressure (0-400psi)	All	025-29139-001

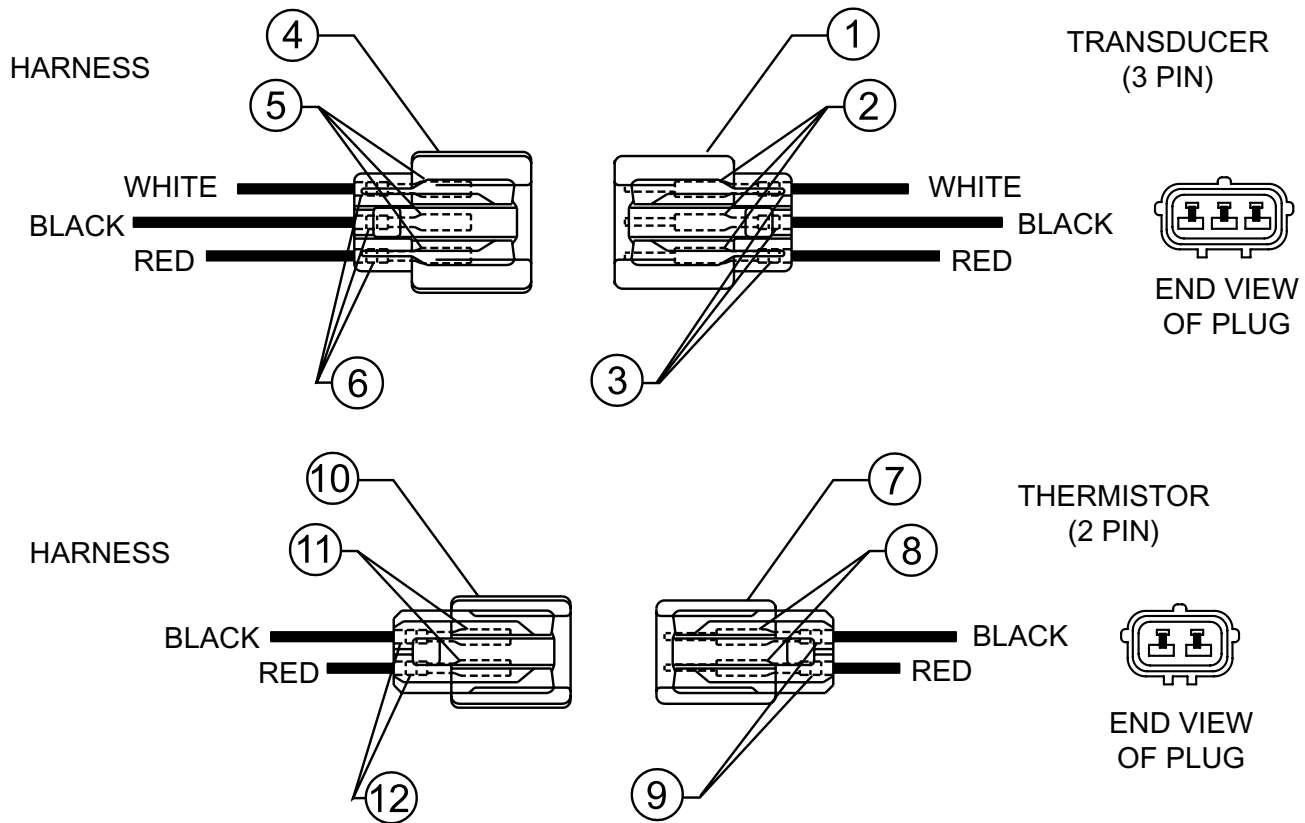
S Recommended Spare Part

***Service Note:**

See page 62 for Suction Pressure Transducer (025-29583-000) plug and connector configuration.

See page 63 for Suction Pressure Transducer (025-41756-001) plug and connector configuration.

TRANSDUCER AND THERMISTOR WIRE HARNESS CONNECTORS - FIELD REPLACEMENT PART NUMBERS



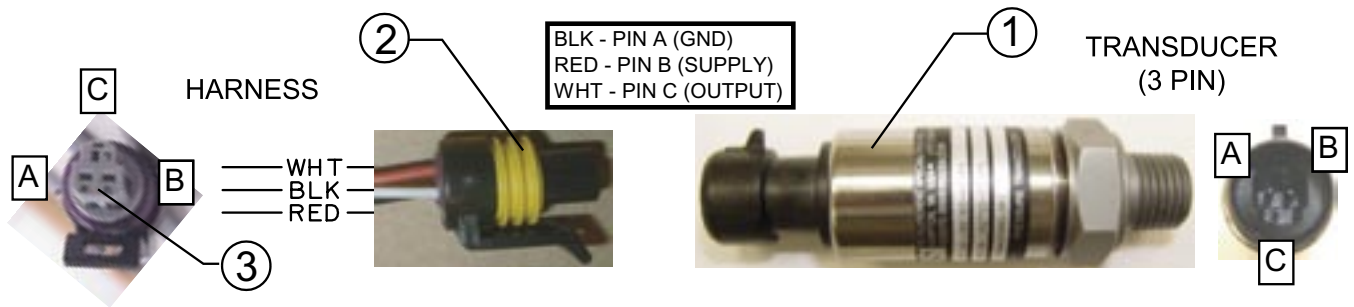
02492-2e

FIG. 11 – TRANSDUCER AND THERMISTOR WIRE HARNESS CONNECTORS - FIELD REPLACEMENT PART NUMBERS (REF. TABLE 12)

TABLE 12 – TRANSDUCER AND THERMISTOR WIRE HARNESS CONNECTORS - FIELD REPLACEMENT PART NUMBERS (SEE FIG. 11)

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

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



02492-2c

FIG. 11A – TRANSDUCER WIRE HARNESS CONNECTORS - FIELD REPLACEMENT PART NUMBERS (REF. TABLE 12A)

TABLE 12A – TRANSDUCER WIRE HARNESS CONNECTORS - FIELD REPLACEMENT PART NUMBERS (SEE FIG. 11A)

Item No.	Location	Description	Pins	Part Number
1	Transducer	(0-200 PSIS)	3 Pin Socket	025-41756-001
		(0-400 PSIS)		025-41756-002
		(0-650 PSIS)		025-41756-003
		(0-150 PSIS)		025-41756-004
		(0-175 PSIS)		025-41756-005
2	Wire Harness	Plug Connector	3 Pin Plug3	025-41761-000
3		Contact Pins		025-41812-000

UNIT ENCLOSURE COMPONENTS

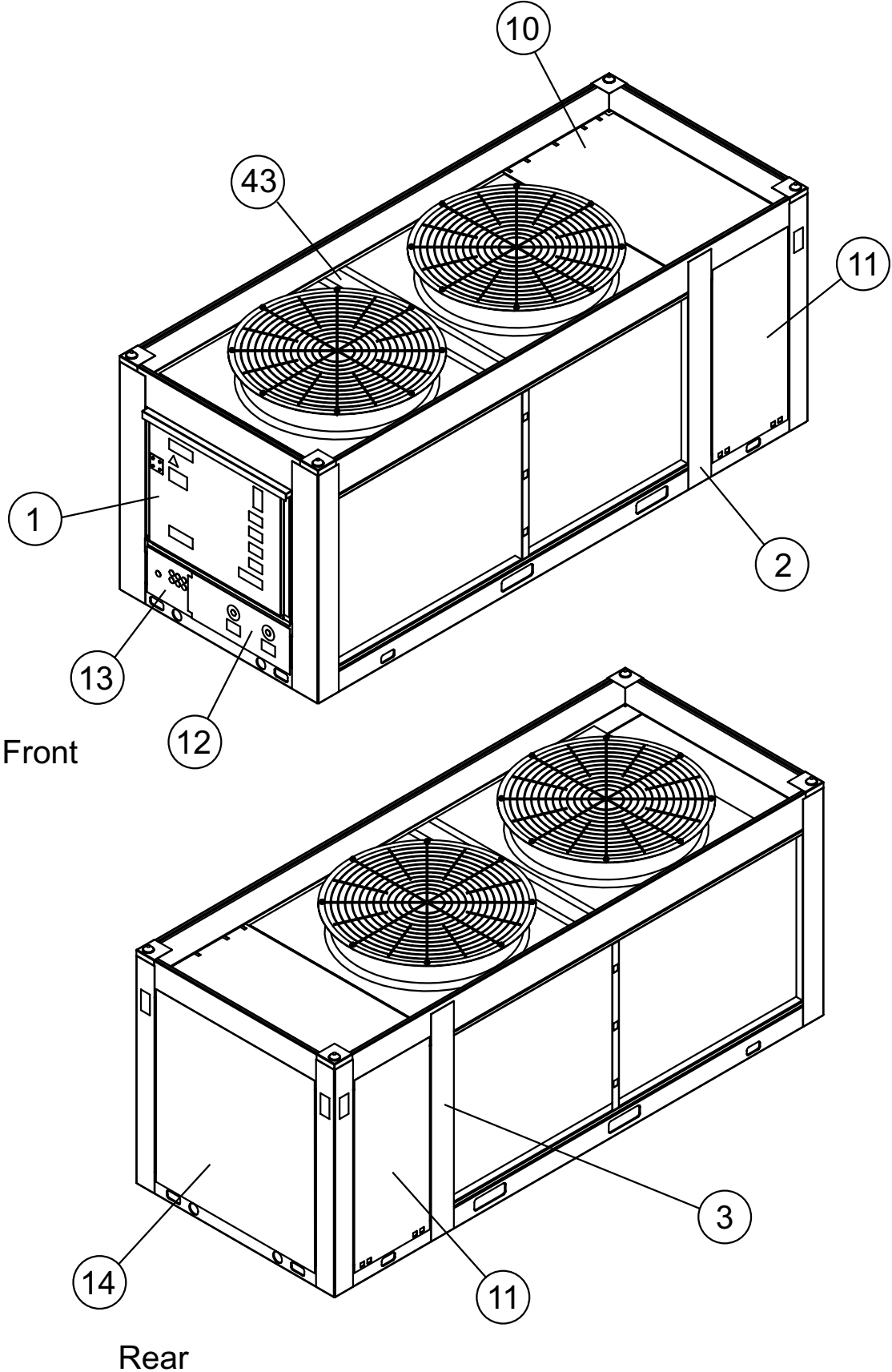


FIG. 12 – UNIT ENCLOSURE COMPONENTS - YCAL0012 THRU YCAL0032
(REF. TABLE 13, PAGE 65)

UNIT ENCLOSURE COMPONENTS (CONT'D)

TABLE 13 – UNIT ENCLOSURE COMPONENTS - YCAL0012 THRU YCAL0032
(SEE FIG. 12, PAGE 64)

Item Number	Qty	Description	Part Number	
			YCAL0012, 0018 AND YCAL0021	YCAL0025, 0027 AND YCAL0032
1	1	Panel, Front Enclosure	075-61074-005	075-61074-005
2	1	Panel, RH	075-61078-004	075-61078-001
3	1	Panel, LH	075-61078-003	075-61078-002
10	1	Panel, Top	075-61079-001	075-61079-001
11	2	Panel, Side	075-61079-009	075-61079-002
12	1	Panel	075-61079-012	075-61079-004
13	1	Panel	075-61079-016	075-61079-007
14	1	Panel, Rear	075-61079-021	075-61079-022
43	1	Panel, Top	075-61078-006	N/A

UNIT ENCLOSURE COMPONENTS (CONT'D)

Enclosure

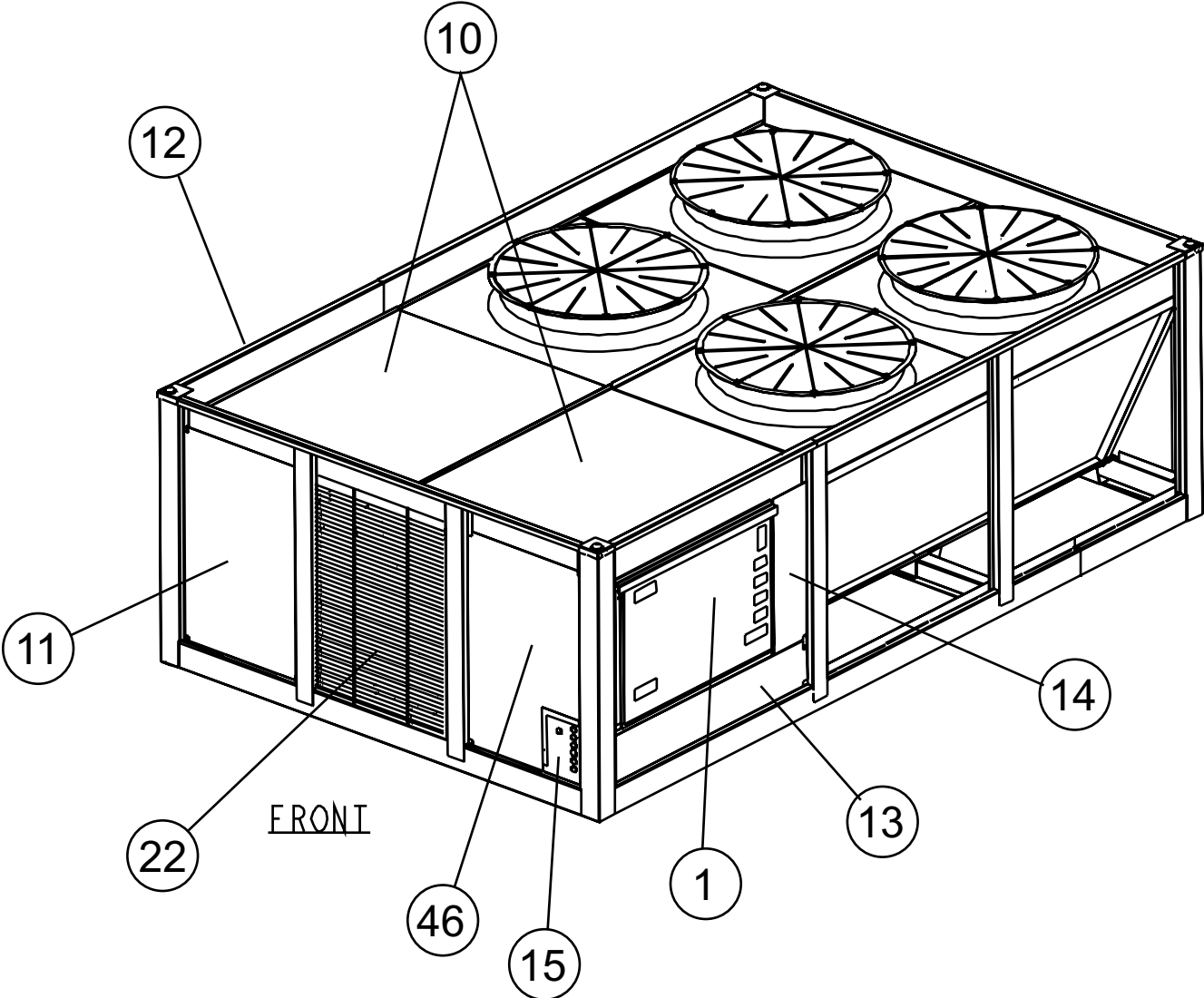


FIG. 13 – UNIT ENCLOSURE COMPONENTS - YCAL0041 THRU YCAL0071
(REF. TABLE 14, PAGE 67)

UNIT ENCLOSURE COMPONENTS (CONT'D)

TABLE 14 – UNIT ENCLOSURE COMPONENTS - YCAL0041 THRU YCAL0071
(SEE FIG. 13, PAGE 66)

Item Number	Qty	Description	Part Number	
			YCAL0041, 0045 AND YCAL0051	YCAL0055, 0061, 0065 AND YCAL0071
1	1	Panel, Front Enclosure	075-55957-005	075-55957-005
10	2	Panel, Top	075-58280-001	075-58280-001
11	1	Panel	075-58273-007	075-58273-001
12	1	Panel	075-58273-008	075-58273-002
13	1	Panel	075-58273-009	075-58273-003
14	1	Panel	075-58273-004	075-58273-004
15	1	Panel	075-58273-005	075-58273-005
22	1	Grille, Guard	026-41826-004	026-41826-002
46	1	Panel, Front	075-58273-010	075-58273-006

VIBRATION ISOLATORS

TABLE 15 – VIBRATION ISOLATORS PART NUMBERS

ONE INCH DEFLECTION SPRING ISOLATOR CROSS REFERENCE				
FOR UNITS WITH ALL POINT LOADS LESS THAN 1404 LBS. (637 KG.)				
WEIGHT RANGE (lbs.)	WEIGHT RANGE (kg.)	VENDOR PART NUMBER	COLOR	YORK PART NUMBER
239 to 384 lbs.	108 to 174 kg.	CIP-B-450	RED	029-24583-002
384 to 639 lbs.	174 to 290 kg.	CIP-B-750	WHITE	029-24583-003
639 to 851 lbs.	290 to 386 kg.	CIP-B-1000	BLUE	029-24583-004
851 to 1064 lbs.	386 to 483 kg.	CIP-B-1250	GRAY	029-24583-005
1064 to 1404 lbs.	483 to 637 kg.	CIP-B-1650	BLACK	029-24583-006
FOR UNITS WITH ANY POINT LOAD ABOVE 1404 LBS. (637 KG.)				
WEIGHT RANGE (lbs.)	WEIGHT RANGE (kg.)	VENDOR PART NUMBER	COLOR	YORK PART NUMBER
Up to 851 lbs.	Up to 386 kg.	CIP-C-1000	BLACK	029-24583-007
851 to 1149 lbs.	386 to 521 kg.	CIP-C-1350	YELLOW	029-24583-008
1149 to 1489 lbs.	521 to 675 kg.	CIP-C-1750	BLACK	029-24583-009
1489 to 1786 lbs.	675 to 910 kg.	CIP-C-2100	YELLOW W/ RED	029-24583-010
1786 to 2028 lbs.	910 to 920 kg.	CIP-C-2385	YELLOW W/ GREEN	029-24583-011
2028 to 2254 lbs.	920 to 1022 kg.	CIP-C-2650	RED W/ RED	029-24583-012
2254 to 2936 lbs.	1022 to 1332 kg.	CIP-C-2935	RED W/ GREEN	029-24583-013

NEOPRENE ISOLATOR CROSS REFERENCE				
WEIGHT RANGE (lbs.)	WEIGHT RANGE (kg.)	VENDOR PART NUMBER	COLOR	YORK PART NUMBER
Up to 751 lbs.	Up to 341 kg.	ND-C	YELLOW	029-24584-001
751 to 1651 lbs.	341 to 749 kg.	ND-D	YELLOW	029-24584-002
1651 to 3226 lbs.	749 to 1463 kg.	ND-DS	YELLOW	029-24584-004

TWO INCH DEFLECTION, SEISMIC SPRING ISOLATOR CROSS REFERENCE				
WEIGHT RANGE (lbs.)	WEIGHT RANGE (kg.)	VENDOR PART NUMBER	COLOR	YORK PART NUMBER
Up to 358 lbs.	Up to 162 kg.	SLRS-2-C2-420	RED	029-24585-006
358 to 443 lbs.	162 to 201 kg.	SLRS-2-C2-520	WHITE	029-24585-007
443 to 582 lbs.	201 to 264 kg.	SLRS-2-C2-660	BLACK	029-24585-008
582 to 783 lbs.	264 to 335 kg.	SLRS-2-C2-920	BLUE	029-24585-009
783 to 1038 lbs.	335 to 471 kg.	SLRS-2-C2-1220	GREEN	029-24585-010
1038 to 1497 lbs.	471 to 679 kg.	SLRS-2-C2-1760	GRAY	029-24585-011
1497 to 2058 lbs.	679 to 933 kg.	SLRS-2-C2-2420	SILVER	029-24585-012
2058 to 2619 lbs.	933 to 1188 kg.	SLRS-2-C2-3080	GRAY W/ RED	029-24585-013
2619 to 3180 lbs.	1188 to 1442 kg.	SLRS-2-C2-3740	SILVER W/ RED	029-24585-014

CHILLER OPTIONS

TABLE 16 – FIELD INSTALLED OPTIONS KIT NUMBERS

MODEL NUMBER YCAL	HOT GAS BY-PASS SOLENOID VALVE W/ HARNESS*	BAS/EMS TEMPERATURE RESET / OFFSET	CHICAGO RELIEF VALVE	DIFFERENTIAL PRESSURE SWITCH	STANDARD 150# VICTAULIC FLANGE	OPTIONAL 300# VICTAULIC FLANGE	MOTOR CURRENT MODULE KIT
MODEL #	375-	375-30914	022-08863	025-30919	023-	023-	371-04101
0012	65191-400	-000	-000	-000	22869-000	22868-000	-001
0018	65191-300						
0021							
0025	65191-200						
0027	65191-100						
0032							
0041	59523-400				22554-000	22553-000	-000
0045							
0051							
0055							
0061		59523-200					
0065	59523-100						
0071	59523-200						

* Note: Hot Gas By-Pass Solenoid Valve Only: 025-34133-000

MODEL NUMBER YCAL	STANDARD 150# FLOW SWITCH	OPTIONAL 300# FLOW SWITCH	LOW AMBIENT KIT**	HIGH AMBIENT KIT	OPTIVIEW REMOTE CONTROL PANEL	RELIEF SAFETY DEVICE KIT	SOUND BLANKET KIT	
MODEL #	024-26116	024-12144	375-	375-65174	371-02750	375-45657	310-06507	
0012	-000	-000	61086-101	-001	-101	-001	-716	
0018							-717	
0021							-717	
0025							61086-111 (-17 &-28 Voltage Codes)	-718
0027							61086-113 (-40 Voltage Code)	-719
0032			61086-112 (-46 &-50 Voltage Codes)	-720				
0041			61086-114 (-58 Voltage Code)	-710				
0045			59528-101 (-17 &-28 Voltage Codes)	-002			-710	
0051							59528-103 (-40 Voltage Code)	-711
0055							59528-102 (-46 &-50 Voltage Codes)	-712
0061							59528-104 (-58 Voltage Code)	-713
0065							-714	
0071			-721					

** Note: Low Ambient Kit VFD Only:
 208 Volt = 024-35393-002
 460 Volt = 024-35393-001

MODEL NUMBERS	QTY	DESCRIPTION	PART NUMBER
YCAL0012-YCAL0071	12 oz.	PAINT, TOUCH UP (CHAMPAGNE)	013-03355-000

Chiller Options

PUMP PACKAGE KITS

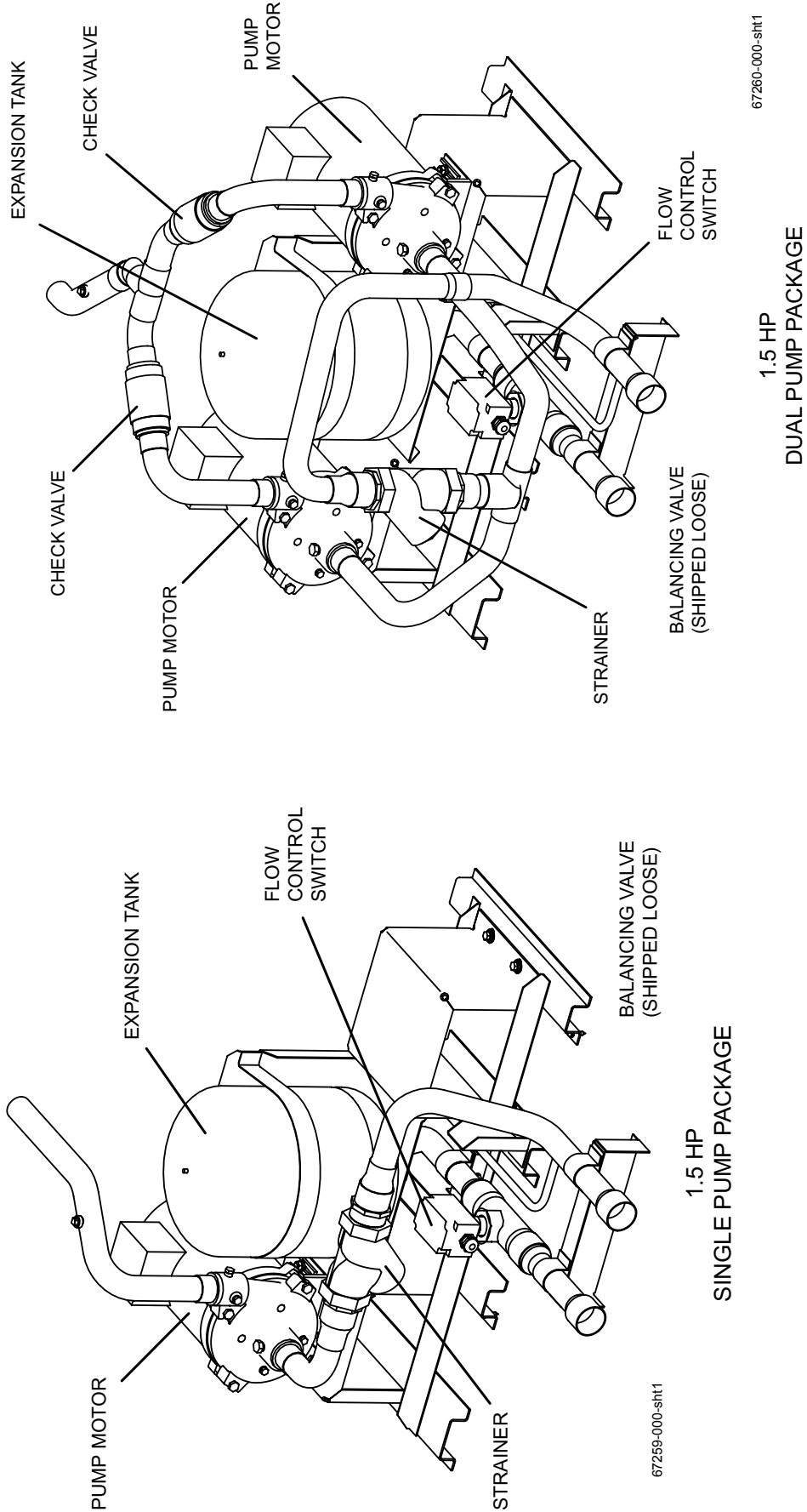


FIG. 14 – SINGLE PUMP PACKAGE KIT "A" AND DUAL PUMP PACKAGE KIT "A" (REF. TABLE 17, PAGE 71)

PUMP PACKAGE KITS (CONT'D)

TABLE 17 – SINGLE PUMP PACKAGE KIT "A" AND DUAL PUMP PACKAGE KIT "A" (SEE FIG. 14, PAGE 70)

PUMP PACKAGE KIT "A" - PIN #59 = A								
SINGLE PUMP KIT PIN #60 = "A"			Pump / Motor	Flow Control Switch	Strainer	Expansion Tank	Balancing Valve	Check Valve
KIT NUMBER	VOLTAGE	MOTOR HP						
375-67259-001	17, 28 & 46	1.5	326-43992-000	024-26116-000	029-25125-001	N/A	022-11679-001	N/A
375-67259-002	40							
375-67259-004	50							
375-67259-006	58							

PUMP PACKAGE KIT "A" - PIN #59 = A								
DUAL PUMP KIT PIN #60 = "B"			Pump / Motor	Flow Control Switch	Strainer	Expansion Tank	Balancing Valve	Check Valve
KIT NUMBER	VOLTAGE	MOTOR HP						
375-67260-001	17, 28 & 46	1.5	326-43992-000	024-26116-000	029-25125-001	N/A	022-11679-001	022-11667-000
375-67260-002	40							
375-67260-004	50							
375-67260-006	58							

PUMP PACKAGE KIT "A" - PIN #59 = A								
SINGLE PUMP KIT WITH EXPANSION TANK PIN #60 = "C"			Pump / Motor	Flow Control Switch	Strainer	Expansion Tank	Balancing Valve	Check Valve
KIT NUMBER	VOLTAGE	MOTOR HP						
375-67259-000	17, 28 & 46	1.5	326-43992-000	024-26116-000	029-25125-001	026-43989-000	022-11679-001	N/A
375-67259-003	40							
375-67259-005	50							
375-67259-007	58							

PUMP PACKAGE KIT "A" - PIN #59 = A								
DUAL PUMP KITS WITH EXPANSION TANK PIN #60 = "D"			Pump / Motor	Flow Control Switch	Strainer	Expansion Tank	Balancing Valve	Check Valve
KIT NUMBER	VOLTAGE	MOTOR HP						
375-67260-000	17, 28 & 46	1.5	326-43992-000	024-26116-000	029-25125-001	026-43989-000	022-11679-001	022-11667-000
375-67260-003	40							
375-67260-005	50							
375-67260-007	58							



PUMP PACKAGE KITS (CONT'D)

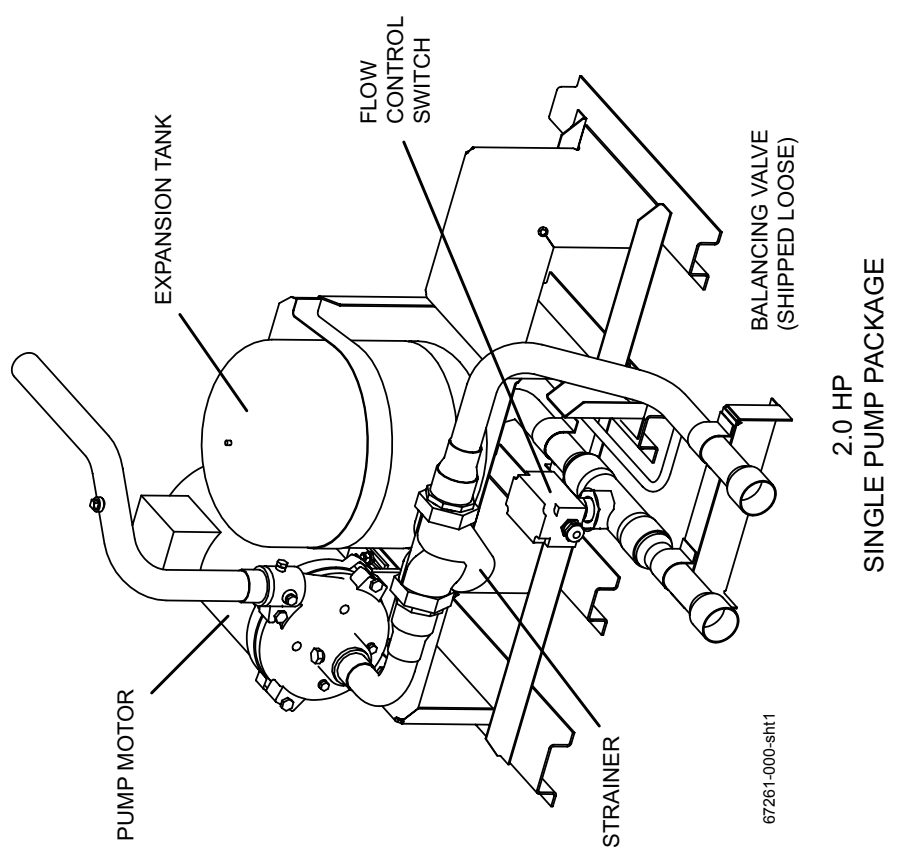
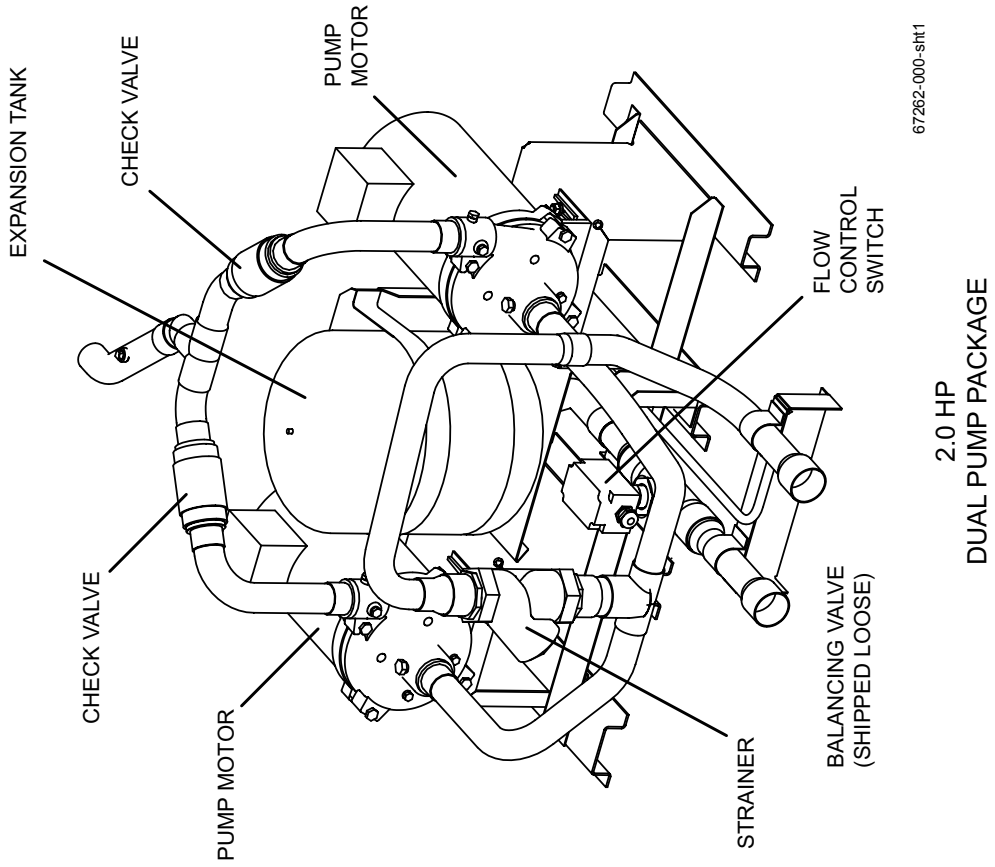


FIG. 15 – SINGLE PUMP PACKAGE KIT "B" AND DUAL PUMP PACKAGE KIT "B" (REF. TABLE 18, PAGE 73)

PUMP PACKAGE KITS (CONT'D)

TABLE 18 – SINGLE PUMP PACKAGE KIT "B" AND DUAL PUMP PACKAGE KIT "B" (SEE FIG. 15, PAGE 72)

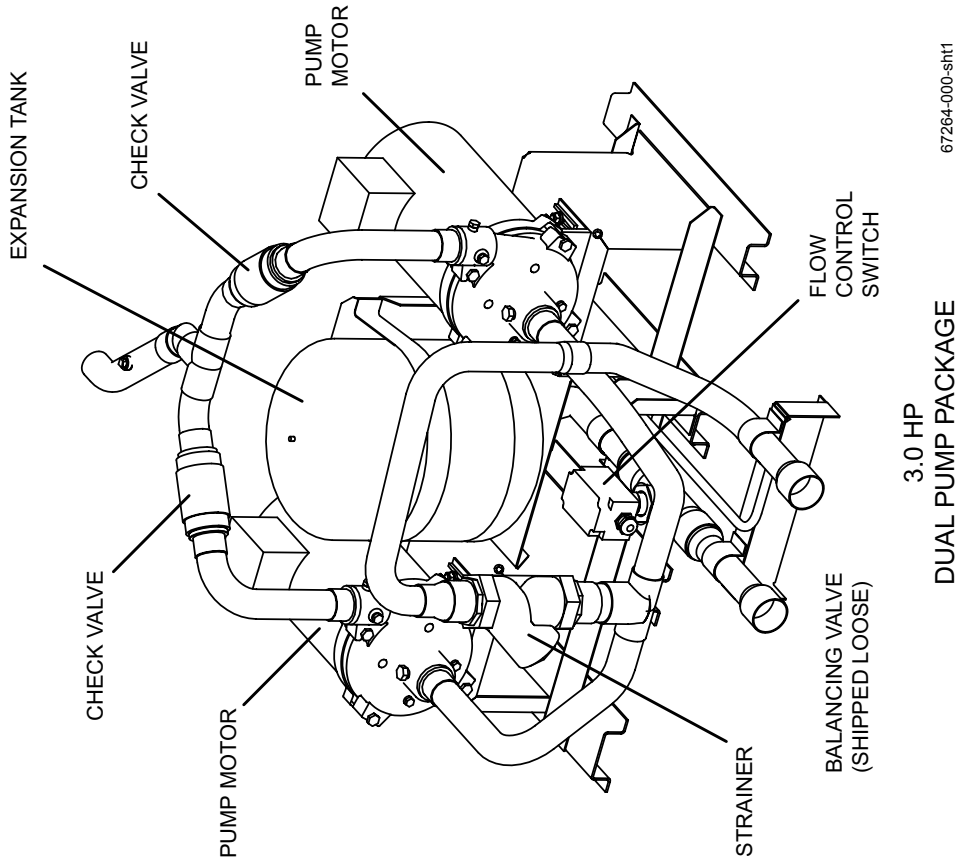
PUMP PACKAGE KIT "B" - PIN #59 = B								
SINGLE PUMP KIT PIN #60 = "A"			Pump / Motor	Flow Control Switch	Strainer	Expansion Tank	Balancing Valve	Check Valve
KIT NUMBER	VOLTAGE	MOTOR HP						
375-67261-001	17, 28 & 46	2	326-43993-000				022-11679-001	N/A
375-67261-002	40	2	326-43993-001	024-26116-000	029-25125-001	N/A		
375-67261-004	50	1.5	326-43993-002					
375-67261-006	58	2	326-43993-003					

PUMP PACKAGE KIT "B" - PIN #59 = B								
DUAL PUMP KIT PIN #60 = "B"			Pump / Motor	Flow Control Switch	Strainer	Expansion Tank	Balancing Valve	Check Valve
KIT NUMBER	VOLTAGE	MOTOR HP						
375-67262-001	17, 28 & 46	2	326-43993-000				022-11679-001	022-11667-000
375-67262-002	40	2	326-43993-001	024-26116-000	029-25125-001	N/A		
375-67262-004	50	1.5	326-43993-002					
375-67262-006	58	2	326-43993-003					

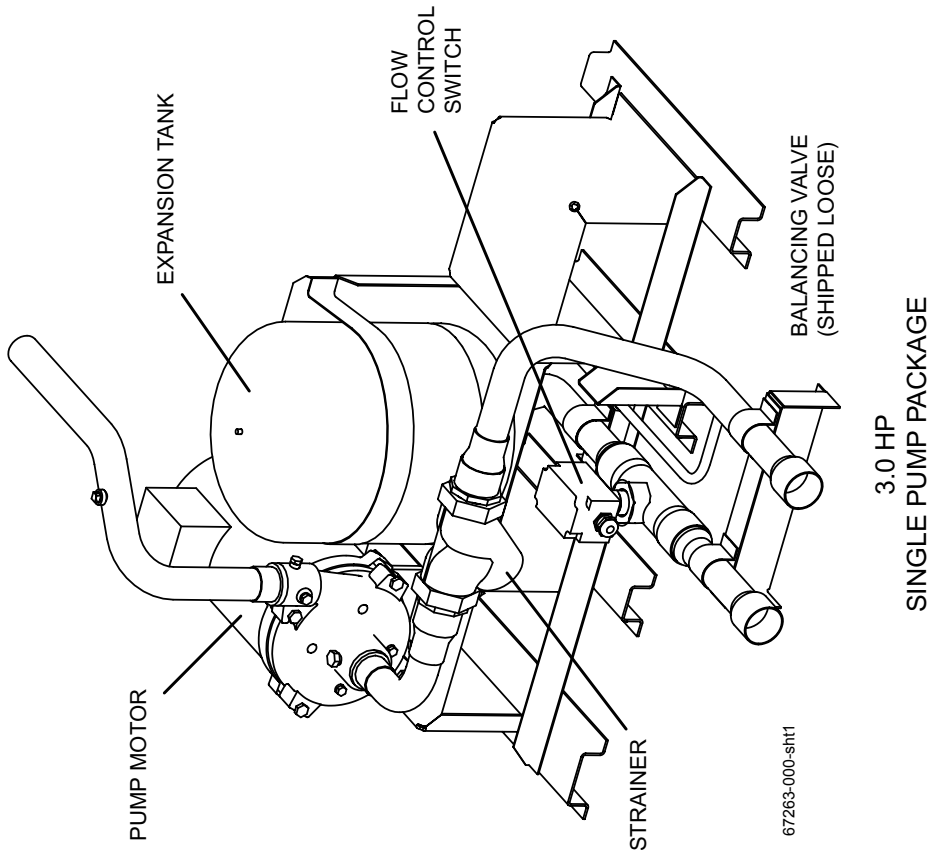
PUMP PACKAGE KIT "B" - PIN #59 = B								
SINGLE PUMP KIT WITH EXPANSION TANK PIN #60 = "C"			Pump / Motor	Flow Control Switch	Strainer	Expansion Tank	Balancing Valve	Check Valve
KIT NUMBER	VOLTAGE	MOTOR HP						
375-67261-000	17, 28 & 46	2	326-43993-000				022-11679-001	N/A
375-67261-003	40	2	326-43993-001	024-26116-000	029-25125-001	026-43989-000		
375-67261-005	50	1.5	326-43993-002					
375-67261-007	58	2	326-43993-003					

PUMP PACKAGE KIT "B" - PIN #59 = B								
DUAL PUMP KITS WITH EXPANSION TANK PIN #60 = "D"			Pump / Motor	Flow Control Switch	Strainer	Expansion Tank	Balancing Valve	Check Valve
KIT NUMBER	VOLTAGE	MOTOR HP						
375-67262-000	17, 28 & 46	2	326-43993-000				022-11679-001	022-11667-000
375-67262-003	40	2	326-43993-001	024-26116-000	029-25125-001	026-43989-000		
375-67262-005	50	1.5	326-43993-002					
375-67262-007	58	2	326-43993-003					

PUMP PACKAGE KITS (CONT'D)



3.0 HP
DUAL PUMP PACKAGE



3.0 HP
SINGLE PUMP PACKAGE

FIG. 16 – SINGLE PUMP PACKAGE KIT "C" AND DUAL PUMP PACKAGE KIT "C" (REF. TABLE 19, PAGE 75)

PUMP PACKAGE KITS (CONT'D)

TABLE 19 – SINGLE PUMP PACKAGE KIT "C" AND DUAL PUMP PACKAGE KIT "C" (SEE FIG. 16, PAGE 74)

PUMP PACKAGE KIT "C" - PIN #59 = C								
SINGLE PUMP KIT PIN #60 = "A"			Pump / Motor	Flow Control Switch	Strainer	Expansion Tank	Balancing Valve	Check Valve
KIT NUMBER	VOLTAGE	MOTOR HP						
375-67263-001	17, 28 & 46	3	326-43994-000			N/A	022-11679-001	N/A
375-67263-002	40	3	326-43994-001	024-26116-000	029-25125-001			
375-67263-004	50	2	326-43994-002					
375-67263-006	58	3	326-43994-003					

PUMP PACKAGE KIT "C" - PIN #59 = C								
DUAL PUMP KIT PIN #60 = "B"			Pump / Motor	Flow Control Switch	Strainer	Expansion Tank	Balancing Valve	Check Valve
KIT NUMBER	VOLTAGE	MOTOR HP						
375-67264-001	17, 28 & 46	3	326-43994-000					
375-67264-002	40	3	326-43994-001	024-26116-000	029-25125-001	N/A	022-11679-001	022-11667-000
375-67264-004	50	2	326-43994-002					
375-67264-006	58	3	326-43994-003					

PUMP PACKAGE KIT "C" - PIN #59 = C								
SINGLE PUMP KIT WITH EXPANSION TANK PIN #60 = "C"			Pump / Motor	Flow Control Switch	Strainer	Expansion Tank	Balancing Valve	Check Valve
KIT NUMBER	VOLTAGE	MOTOR HP						
375-67263-000	17, 28 & 46	3	326-43994-000					
375-67263-003	40	3	326-43994-001	024-26116-000	029-25125-001	026-43989-000	022-11679-001	N/A
375-67263-005	50	2	326-43994-002					
375-67263-007	58	3	326-43994-003					

PUMP PACKAGE KIT "C" - PIN #59 = C								
DUAL PUMP KITS WITH EXPANSION TANK PIN #60 = "D"			Pump / Motor	Flow Control Switch	Strainer	Expansion Tank	Balancing Valve	Check Valve
KIT NUMBER	VOLTAGE	MOTOR HP						
375-67264-000	17, 28 & 46	3	326-43994-000					
375-67264-003	40	3	326-43994-001	024-26116-000	029-25125-001	026-43989-000	022-11679-001	022-11667-000
375-67264-005	50	2	326-43994-002					
375-67264-007	58	3	326-43994-003					

PUMP PACKAGE KITS (CONT'D)

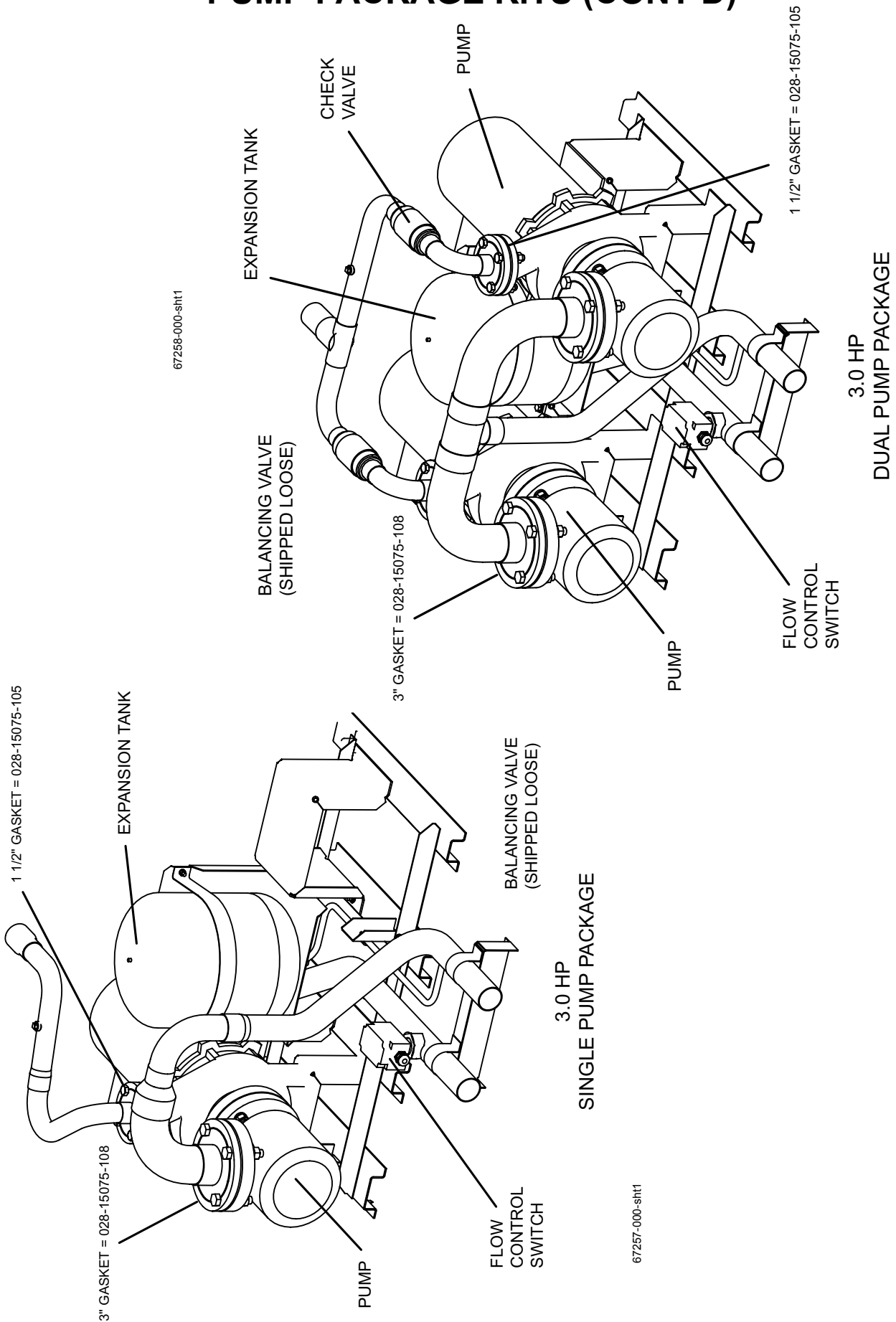


FIG. 17 – SINGLE PUMP PACKAGE KIT "D" AND DUAL PUMP PACKAGE KIT "D" (REF. TABLE 20, PAGE 77)

PUMP PACKAGE KITS (CONT'D)

TABLE 20 – SINGLE PUMP PACKAGE KIT "D" AND DUAL PUMP PACKAGE KIT "D" (SEE FIG. 17, PAGE 76)

PUMP PACKAGE KIT "D" - PIN #59 = D								
SINGLE PUMP KIT PIN #60 = "A"			Pump / Motor	Flow Control Switch	Strainer	Expansion Tank	Balancing Valve	Check Valve
KIT NUMBER	VOLTAGE	MOTOR HP						
375-67257-001	17, 28 & 46	3	326-43995-000	024-26116-000	N/A	N/A	022-11679-001	N/A
375-67257-002	40							
375-67257-004	50							
375-67257-006	58							

PUMP PACKAGE KIT "D" - PIN #59 = D								
DUAL PUMP KIT PIN #60 = "B"			Pump / Motor	Flow Control Switch	Strainer	Expansion Tank	Balancing Valve	Check Valve
KIT NUMBER	VOLTAGE	MOTOR HP						
375-67258-001	17, 28 & 46	3	326-43995-000	024-26116-000	N/A	N/A	022-11679-001	022-11667-000
375-67258-002	40							
375-67258-004	50							
375-67258-006	58							

PUMP PACKAGE KIT "D" - PIN #59 = D								
SINGLE PUMP KIT WITH EXPANSION TANK PIN #60 = "C"			Pump / Motor	Flow Control Switch	Strainer	Expansion Tank	Balancing Valve	Check Valve
KIT NUMBER	VOLTAGE	MOTOR HP						
375-67257-000	17, 28 & 46	3	326-43995-000	024-26116-000	N/A	026-43989-000	022-11679-001	N/A
375-67257-003	40							
375-67257-005	50							
375-67257-007	58							

PUMP PACKAGE KIT "D" - PIN #59 = D								
DUAL PUMP KITS WITH EXPANSION TANK PIN #60 = "D"			Pump / Motor	Flow Control Switch	Strainer	Expansion Tank	Balancing Valve	Check Valve
KIT NUMBER	VOLTAGE	MOTOR HP						
375-67258-000	17, 28 & 46	3	326-43995-000	024-26116-000	N/A	026-43989-000	022-11679-001	022-11667-000
375-67258-003	40							
375-67258-005	50							
375-67258-007	58							

PUMP PACKAGE KITS (CONT'D)

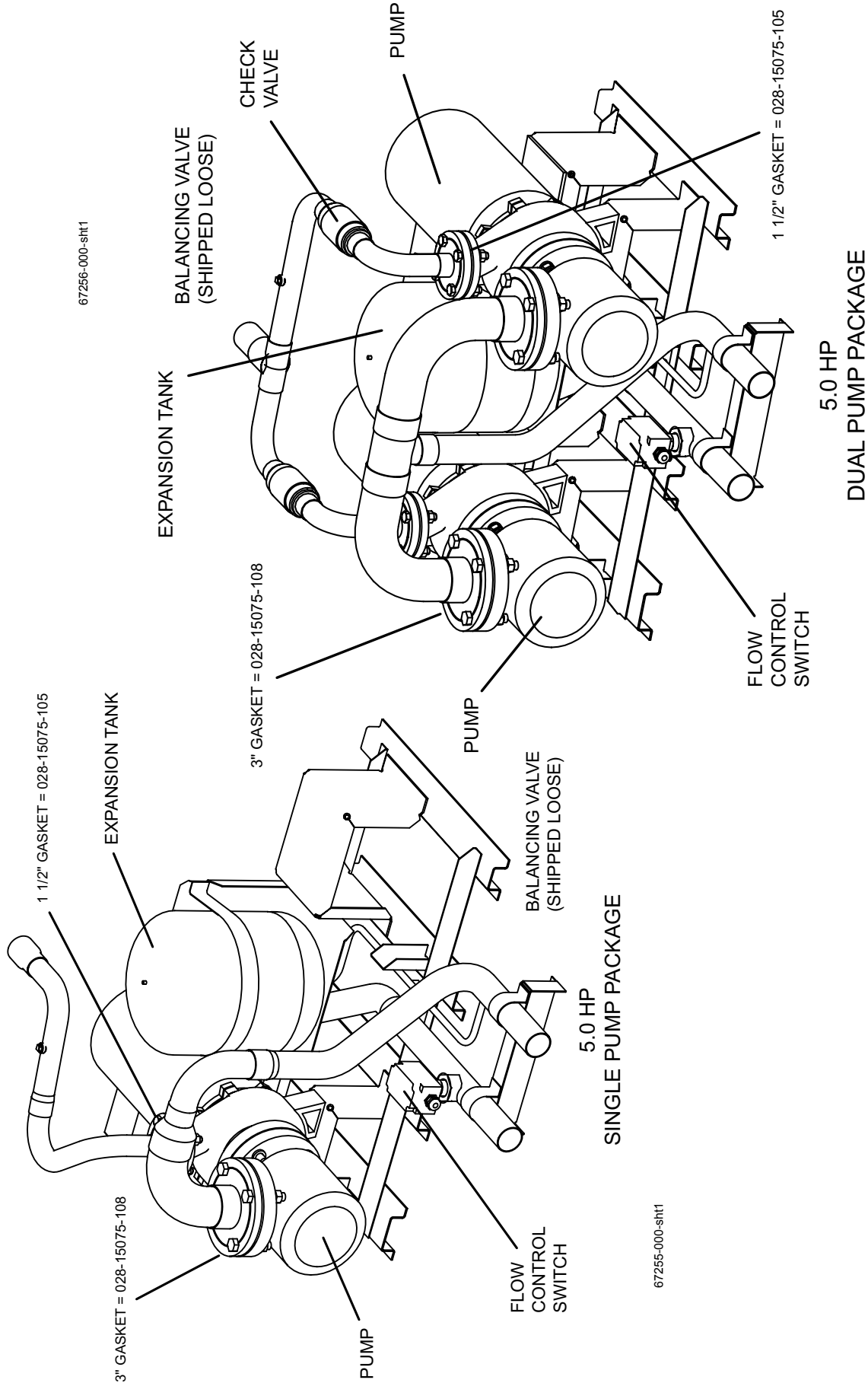


FIG. 18 – SINGLE PUMP PACKAGE KIT "E" AND DUAL PUMP PACKAGE KIT "E" (REF. TABLE 21, PAGE 79)

PUMP PACKAGE KITS (CONT'D)

TABLE 21 – SINGLE PUMP PACKAGE KIT "E" AND DUAL PUMP PACKAGE KIT "E" (SEE FIG. 18, PAGE 78)

PUMP PACKAGE KIT "E" - PIN #59 = E								
SINGLE PUMP KIT PIN #60 = "A"			Pump / Motor	Flow Control Switch	Strainer	Expansion Tank	Balancing Valve	Check Valve
KIT NUMBER	VOLTAGE	MOTOR HP						
375-67255-001	17, 28 & 46	5	326-43987-000	024-26116-000	N/A	N/A	022-11679-001	N/A
375-67255-002	40							
375-67255-004	50							
375-67255-006	58							

PUMP PACKAGE KIT "E" - PIN #59 = E								
DUAL PUMP KIT PIN #60 = "B"			Pump / Motor	Flow Control Switch	Strainer	Expansion Tank	Balancing Valve	Check Valve
KIT NUMBER	VOLTAGE	MOTOR HP						
375-67256-001	17, 28 & 46	5	326-43987-000	024-26116-000	N/A	N/A	022-11679-001	022-11667-000
375-67256-002	40							
375-67256-004	50							
375-67256-006	58							

PUMP PACKAGE KIT "E" - PIN #59 = E								
SINGLE PUMP KIT WITH EXPANSION TANK PIN #60 = "C"			Pump / Motor	Flow Control Switch	Strainer	Expansion Tank	Balancing Valve	Check Valve
KIT NUMBER	VOLTAGE	MOTOR HP						
375-67255-000	17, 28 & 46	5	326-43987-000	024-26116-000	N/A	026-43989-000	022-11679-001	N/A
375-67255-003	40							
375-67255-005	50							
375-67255-007	58							

PUMP PACKAGE KIT "E" - PIN #59 = E								
DUAL PUMP KITS WITH EXPANSION TANK PIN #60 = "D"			Pump / Motor	Flow Control Switch	Strainer	Expansion Tank	Balancing Valve	Check Valve
KIT NUMBER	VOLTAGE	MOTOR HP						
375-67256-000	17, 28 & 46	5	326-43987-000	024-26116-000	N/A	026-43989-000	022-11679-001	022-11667-000
375-67256-003	40							
375-67256-005	50							
375-67256-007	58							

PUMP PACKAGE KITS (CONT'D)

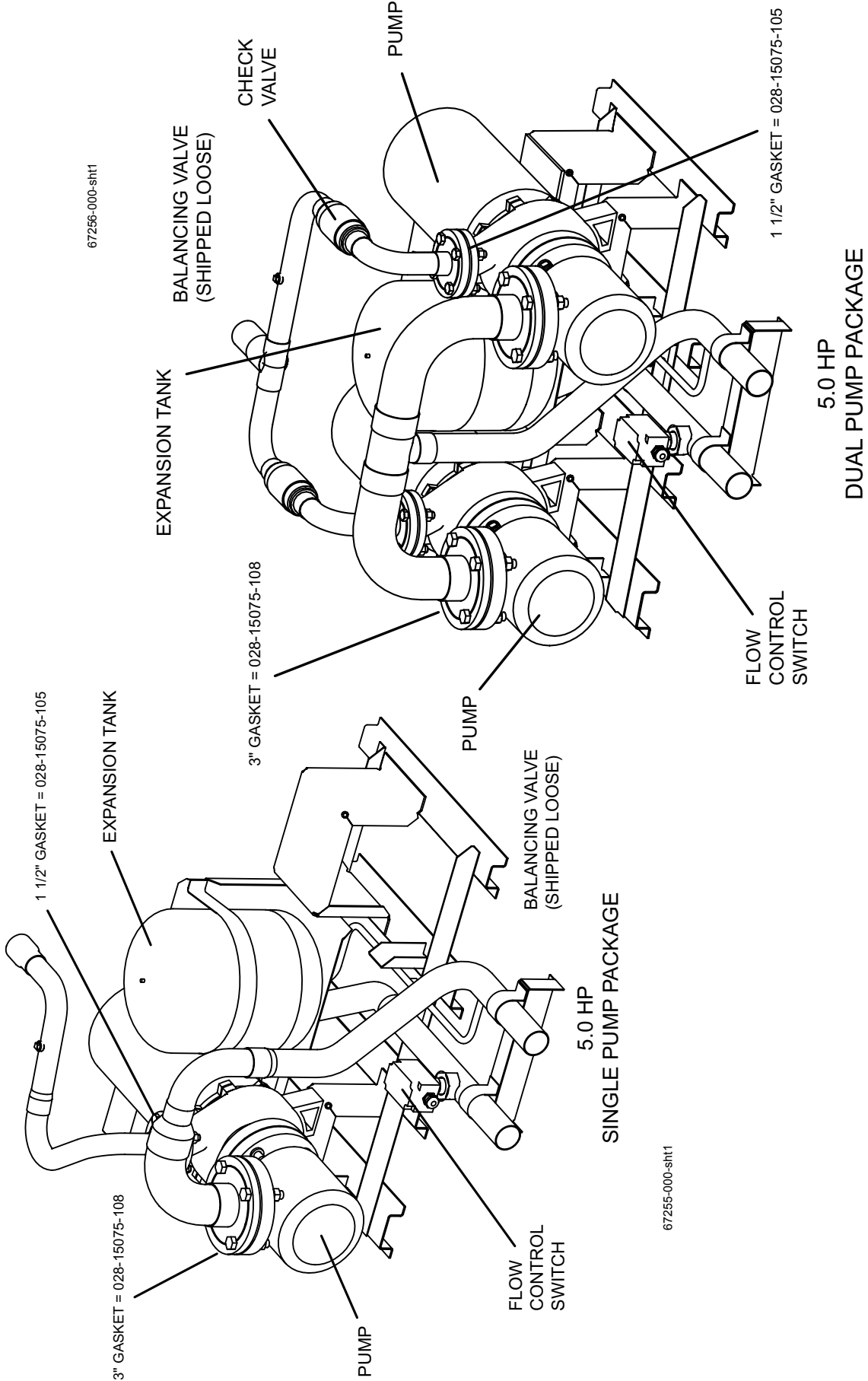


FIG. 19 – SINGLE PUMP PACKAGE KIT "F" AND DUAL PUMP PACKAGE KIT "F" (REF. TABLE 22, PAGE 81)

PUMP PACKAGE KITS (CONT'D)

TABLE 22 – SINGLE PUMP PACKAGE KIT "F" AND DUAL PUMP PACKAGE KIT "F" (SEE FIG. 19, PAGE 80)

PUMP PACKAGE KIT "F" - PIN #59 = F								
SINGLE PUMP KIT PIN #60 = "A"			Pump / Motor	Flow Control Switch	Strainer	Expansion Tank	Balancing Valve	Check Valve
KIT NUMBER	VOLTAGE	MOTOR HP						
375-67265-001	17, 28 & 46	5	326-43990-000	024-26116-000	N/A	N/A	022-11679-001	N/A
375-67265-002	40							
375-67265-004	50							
375-67265-006	58							

PUMP PACKAGE KIT "F" - PIN #59 = F								
DUAL PUMP KIT PIN #60 = "B"			Pump / Motor	Flow Control Switch	Strainer	Expansion Tank	Balancing Valve	Check Valve
KIT NUMBER	VOLTAGE	MOTOR HP						
375-67266-001	17, 28 & 46	5	326-43990-000	024-26116-000	N/A	N/A	022-11679-001	022-11667-000
375-67266-002	40							
375-67266-004	50							
375-67266-006	58							

PUMP PACKAGE KIT "F" - PIN #59 = F								
SINGLE PUMP KIT WITH EXPANSION TANK PIN #60 = "C"			Pump / Motor	Flow Control Switch	Strainer	Expansion Tank	Balancing Valve	Check Valve
KIT NUMBER	VOLTAGE	MOTOR HP						
375-67265-000	17, 28 & 46	5	326-43990-000	024-26116-000	N/A	026-43989-000	022-11679-001	N/A
375-67265-003	40							
375-67265-005	50							
375-67265-007	58							

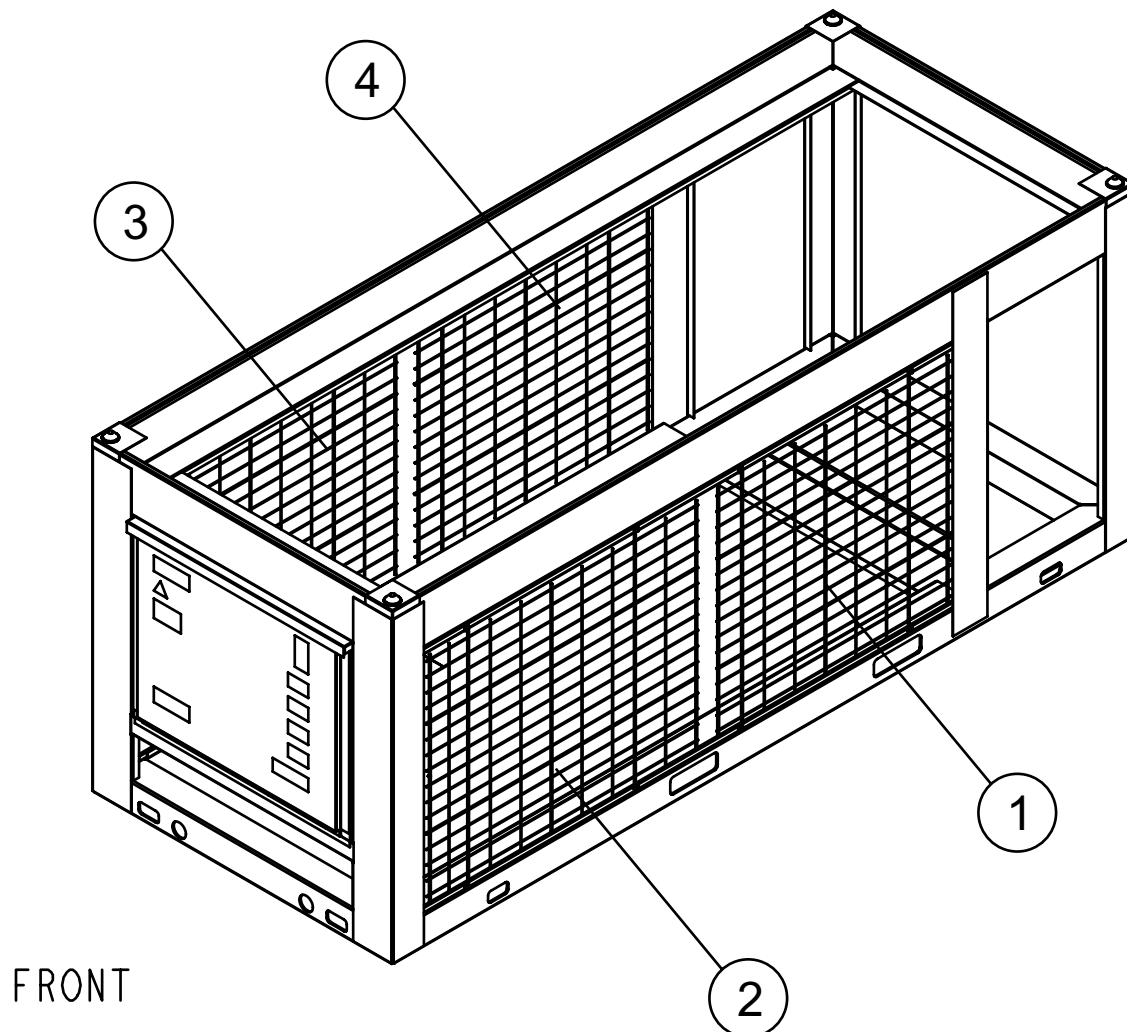
PUMP PACKAGE KIT "F" - PIN #59 = F								
DUAL PUMP KITS WITH EXPANSION TANK PIN #60 = "D"			Pump / Motor	Flow Control Switch	Strainer	Expansion Tank	Balancing Valve	Check Valve
KIT NUMBER	VOLTAGE	MOTOR HP						
375-67266-000	17, 28 & 46	5	326-43990-000	024-26116-000	N/A	026-43989-000	022-11679-001	022-11667-000
375-67266-003	40							
375-67266-005	50							
375-67266-007	58							

ENCLOSURE KIT OPTIONS

TABLE 23 – ENCLOSURE KIT OPTIONS

MODEL NUMBER	WIRE ENCLOSURE (FACTORY INSTALLED)	LOUVERED ENCLOSURE (FACTORY INSTALLED)
YCAL0012	375-61114-000	375-65188-000
YCAL0018		
YCAL0021		
YCAL0025	375-61115-000	375-65189-000
YCAL0027		
YCAL0032		
YCAL0041	375-59527-000	475-59445-000
YCAL0045		
YCAL0051		
YCAL0055	375-59526-000	475-59444-000
YCAL0061		
YCAL0065	375-59525-000	475-59443-000
YCAL0071		

ENCLOSURE KIT OPTIONS (CONT'D)



Chiller Options

61114-000

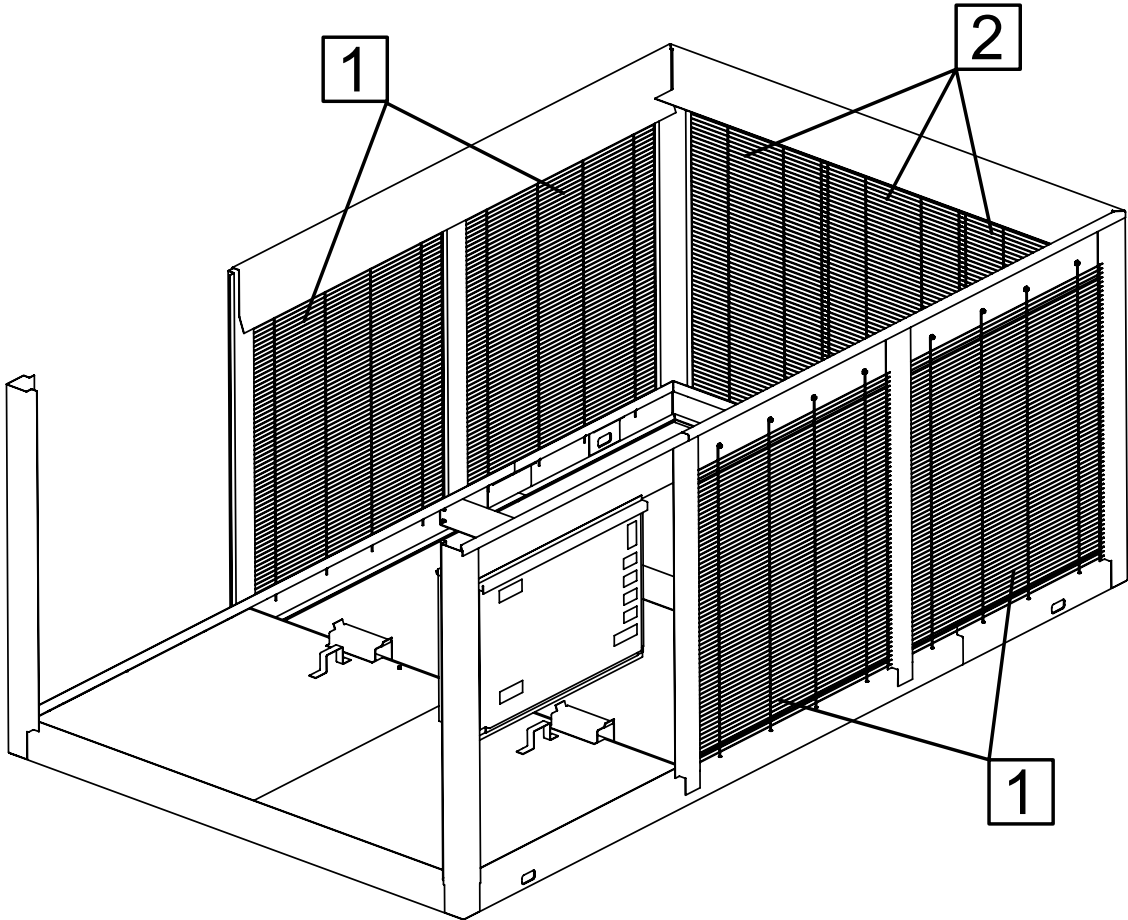
FIG. 20 – WIRE ENCLOSURE PARTS - YCAL0012 THRU YCAL0032 (REF. TABLE 24)

TABLE 24 – WIRE ENCLOSURE PARTS - YCAL0012 THRU YCAL0032 (SEE FIG. 20)

WIRE ENCLOSURE KIT COMPONENTS					
ITEM #	DESCRIPTION	YCAL0012, 0018 and YCAL0021		YCAL0025, 0027 and YCAL0032	
		375-61114-000	QTY	375-61115-000	QTY
1	WIRE PANEL, SIDE	026-41826-010	1	026-41826-009	1
2	WIRE PANEL, SIDE	026-41826-011	1	026-41826-008	1
3	WIRE PANEL, SIDE	026-41826-011	1	026-41826-009	1
4	WIRE PANEL, SIDE	026-41826-010	1	026-41826-008	1

ENCLOSURE KIT OPTIONS (CONT'D)

Chiller Options



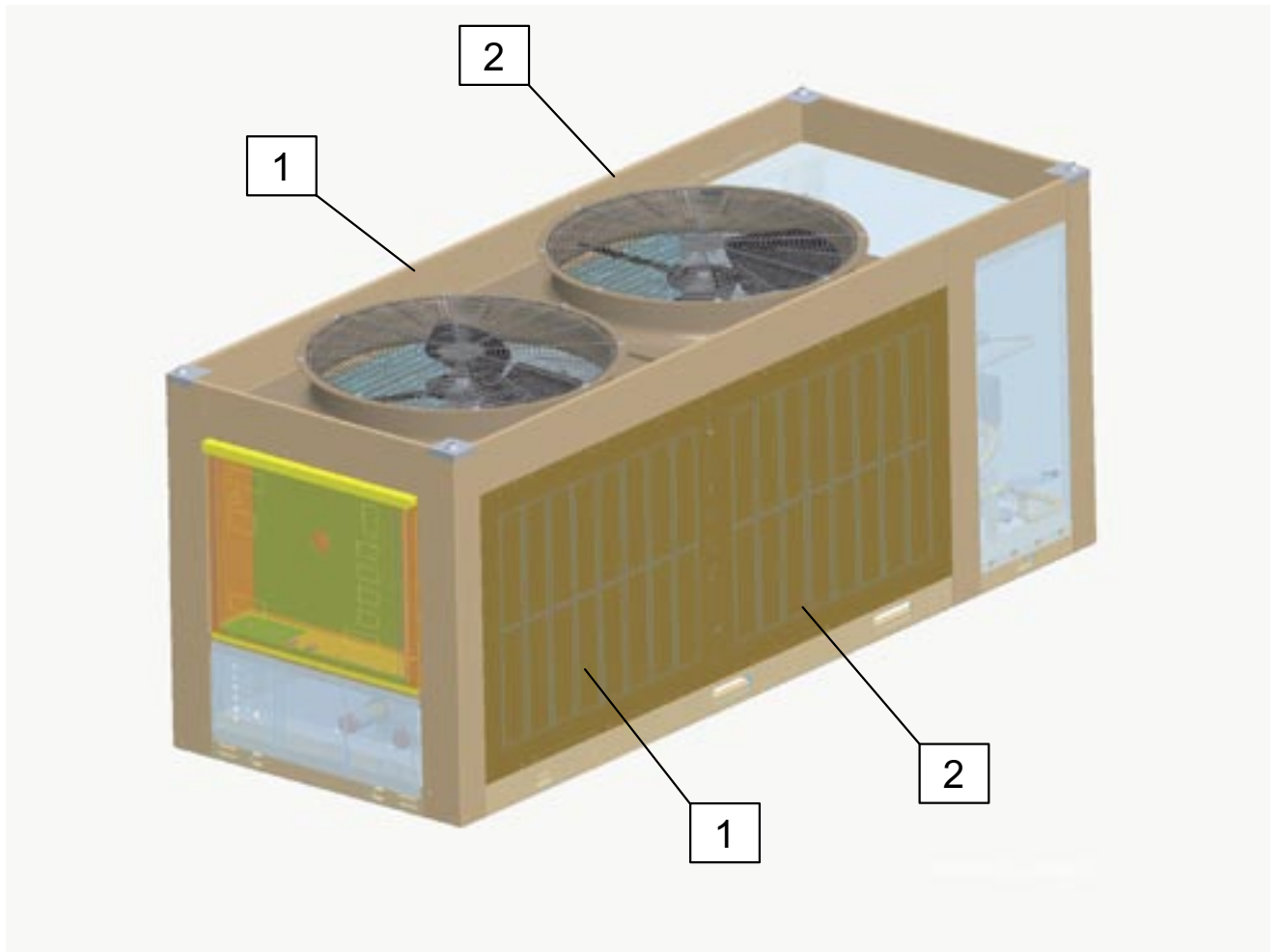
59525-000

FIG. 21 – WIRE ENCLOSURE PARTS - YCAL0041 THRU YCAL0071 (REF. TABLE 25)

TABLE 25 – WIRE ENCLOSURE PARTS - YCAL0041 THRU YCAL0071 (SEE FIG. 21)

WIRE ENCLOSURE KIT COMPONENTS							
ITEM #	DESCRIPTION	YCAL0041, 0045 and YCAL0051		YCAL0055 and YCAL0061		YCAL0065 and YCAL0071	
		375-59527-000	QTY	375-59526-000	QTY	375-59525-000	QTY
1	WIRE PANEL, SIDES	026-41826-005	4	026-41826-003	4	026-41826-001	4
2	WIRE PANEL, REAR	026-41826-004	3	026-41826-002	3	026-41826-002	3

ENCLOSURE KIT OPTIONS (CONT'D)



Chiller Options

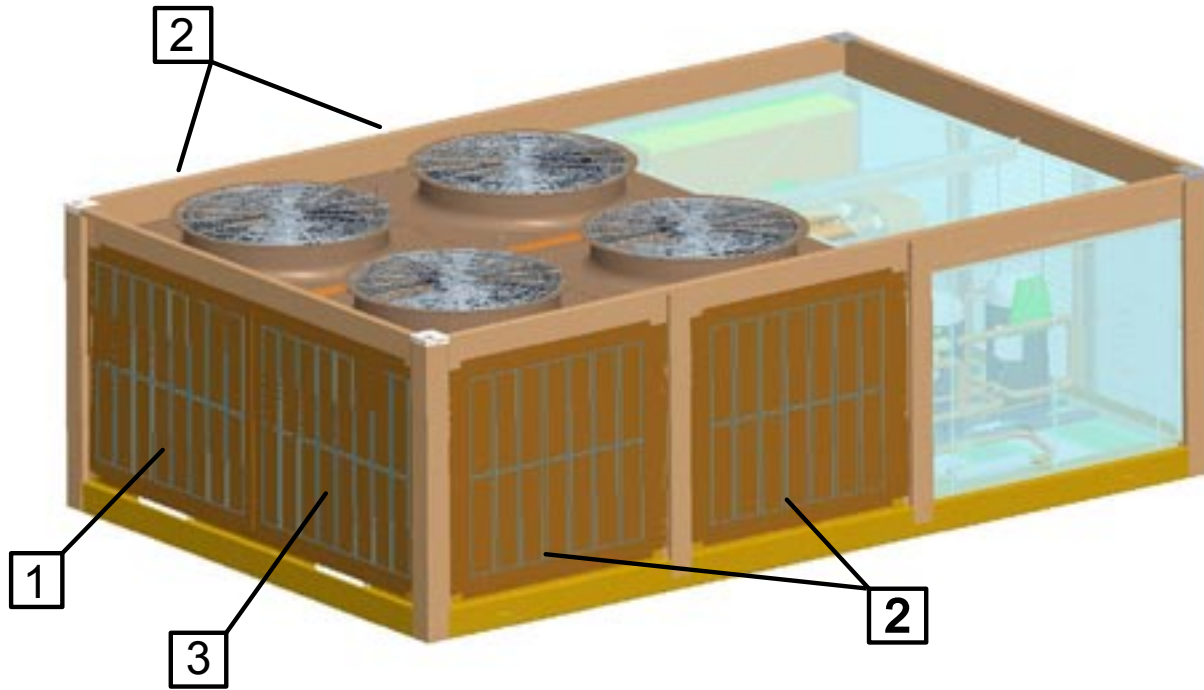
60803-001

FIG. 22 – LOUVERED ENCLOSURE PARTS - YCAL0012 THRU YCAL0032 (REF. TABLE 26)

TABLE 26 – LOUVERED ENCLOSURE PARTS - YCAL0012 THRU YCAL0032 (SEE FIG. 22)

LOUVERED ENCLOSURE KIT COMPONENTS					
ITEM #	DESCRIPTION	YCAL0012, 0018 and YCAL0021		YCAL0025, 0027 and YCAL0032	
		375-65188-000	QTY	375-65189-000	QTY
1	LOUVERED PANEL	075-60803-009	2	075-60803-010	2
2	LOUVERED PANEL	075-60803-008	2	075-60803-011	2

ENCLOSURE KIT OPTIONS (CONT'D)



59525-000

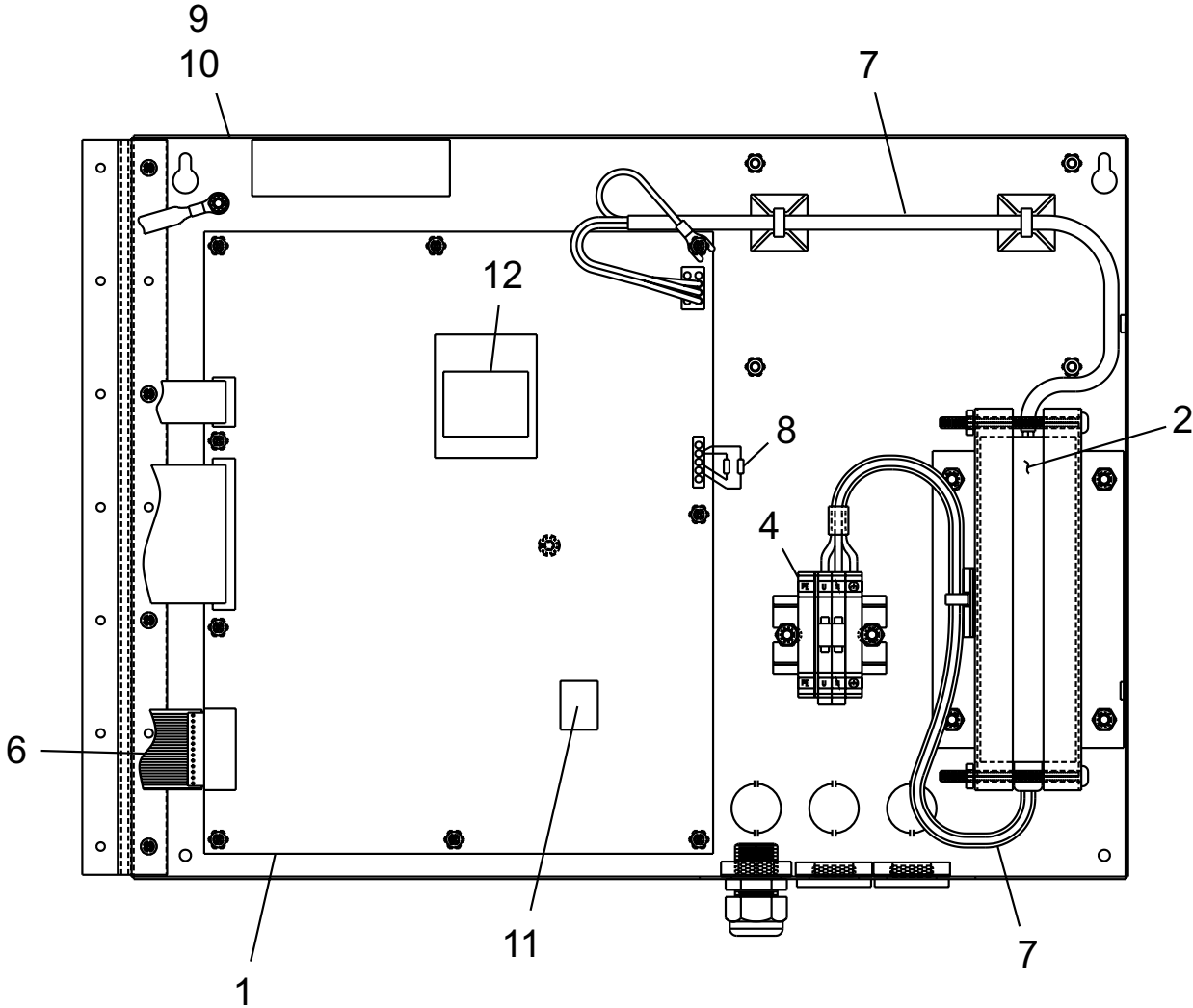
FIG. 23 – LOUVERED ENCLOSURE PARTS - YCAL0041 THRU YCAL0071 (REF. TABLE 27)

TABLE 27 – LOUVERED ENCLOSURE PARTS - YCAL0041 THRU YCAL0071 (SEE FIG. 23)

LOUVERED ENCLOSURE KIT COMPONENTS							
ITEM #	DESCRIPTION	YCAL0041, 0045 and YCAL0051		YCAL0055 and YCAL0061		YCAL0065 and YCAL0071	
		475-59445-000	QTY	475-59444-000	QTY	475-59443-000	QTY
1	LOUVERED PANEL	075-60803-001	1	075-60803-005	1	075-60803-005	1
2	LOUVERED PANEL	075-60803-002	4	075-60803-004	4	075-60803-007	4
3	LOUVERED PANEL	075-60803-003	1	075-60803-006	1	075-60803-006	1

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OPTIVIEW REMOTE CONTROL CENTER



Chiller Options

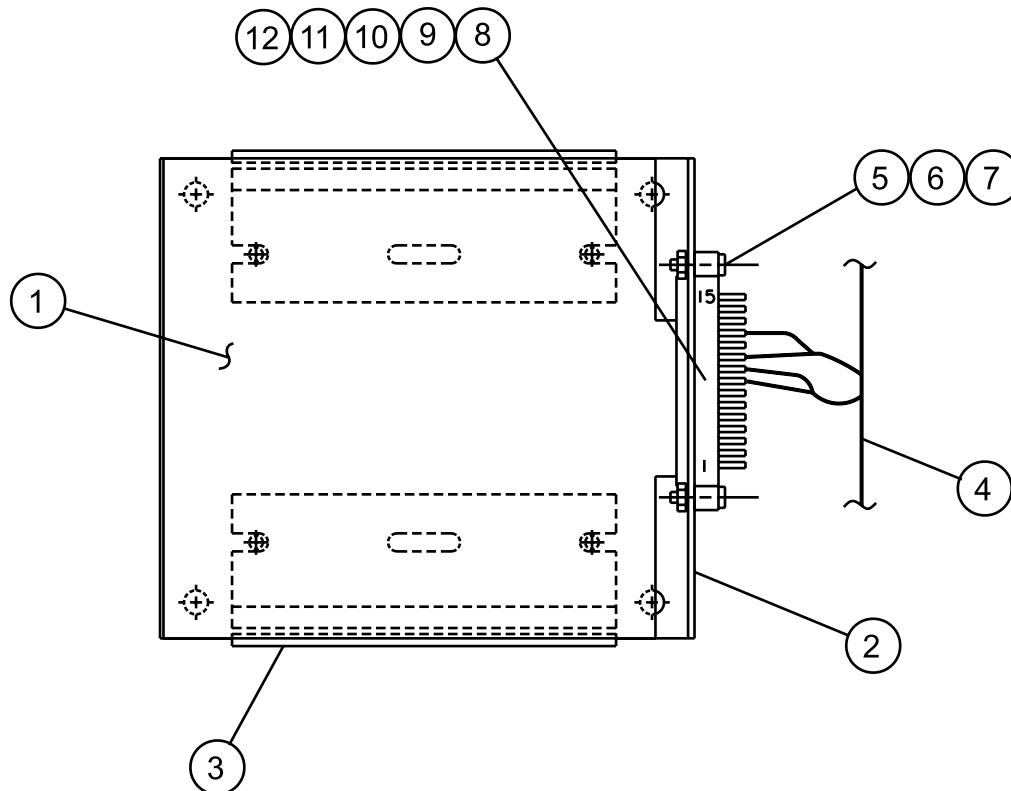
FIG. 24 – OPTIVIEW REMOTE CONTROL CENTER PARTS

02750-3A

TABLE 28 – 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. 25 – REMOTE TEMPERATURE RESET KIT COMPONENTS

TABLE 29 – REMOTE TEMPERATURE RESET KIT COMPONENTS

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 - 40 UNC-2B	021-10056-000
7	2	LOCKWASHER, HELICAL SPRING #4 REGULAR	021-17576-000

* refer to Table 29A

TABLE 29A – REMOTE RESET WIRING

ITEM NUMBER	QTY	DESCRIPTION	PART NUMBER
8	2	CONT SOC AWG WIRE SIZE 20	025-19674-000
9	2	TERMINAL PUSH ON STRAIGHT	025-06642-000
10	4	TUBING HEAT SHRINKABLE 1/8" I.D.	025-29632-000
11	1	HGS CONNECTOR ELECTRICAL PLUG	025-32564-000*
12	1	CONNECTOR EDGE, 15 POSITION, 0.125	025-17594-000

RECOMMENDED SPARE PARTS

York Model YCAL Style D Air Cooled Liquid Chillers
Suggested Spare Parts List for Critical Duty Applications

TABLE 30 – RECOMMENDED SPARE PARTS - YCAL STYLE 'D' CHILLERS

PAGE REF. & ITEM NUMBER	DESCRIPTION	MODEL NUMBER YCAL	VOLTAGE CODE	PART NUMBER
Page 13, Item 1	Fan Motor (Standard)	0012-0021	-17 & -28	024-35427-002
			-40	024-35427-004
			-46 & -50	024-35427-001
			-58	024-35427-003
Page 13, Item 1	Fan Motor (Standard)	0025-0071	-17	024-27322-003
			-28	024-27322-006
			-40	024-27322-004
			-46 & -50	024-27322-007
			-58	024-27322-002
Page 13, Item 2	Fan Blade	0012-0021	All	026-43008-000
		0025-0032		026-43090-000
		0041-0051		026-41592-000
		0055-0071		026-41594-000
Page 16, Item 1	Thermal Expansion Valve	0012-0032	All	025-34155-000
				025-40655-000
				025-27536-000
Pages 21, 22 and 23, Item 1	Thermal Expansion Valve	0041-0071	All	025-27535-000
				025-27536-000
				025-20213-000
Page 16, Item 4	Valve, Liquid Line	0012-0021	All	022-11306-000
		0025-0032		022-10022-000
Pages 21, 22 and 23, Item 4	Valve, Liquid Line	0041-0071	All	022-10022-000
Page 27, Item OIL	Oil, Compressor	All	All	011-00434-000
Page 61, Item 1	Sensor, Outside Air	0012-0032	All	025-40273-008
		0041-0071	All	025-40273-003
Page 61, Item 2	Sensor, Entering Water Temperature	0012-0032	All	025-40273-002
		0041-0051		025-40273-005
		0055-0071		025-40273-002
Page 61, Item 3	Sensor, Leaving Water Temperature	0012-0032	All	025-40273-007
		0041-0051		025-40273-004
		0055-0071		025-40273-001
Page 61, Item 5	Transducer, Suction Pressure	All	All	025-29583-000
Page 61, Item 6	Transducer, Discharge Pressure	All	All	025-29139-001

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

NOTES

