



CONDENSING UNITS

AIR COOLED – RECIPROCATING HERMETIC

RENEWAL PARTS

Supersedes: Nothing

1191

FORM 195.26-RP1

60 HZ MODELS

YCUZ330D3, YCUZ440D3, YCUZ740E3, YCUZ770E3, YCUZ880E3

50 HZ MODELS

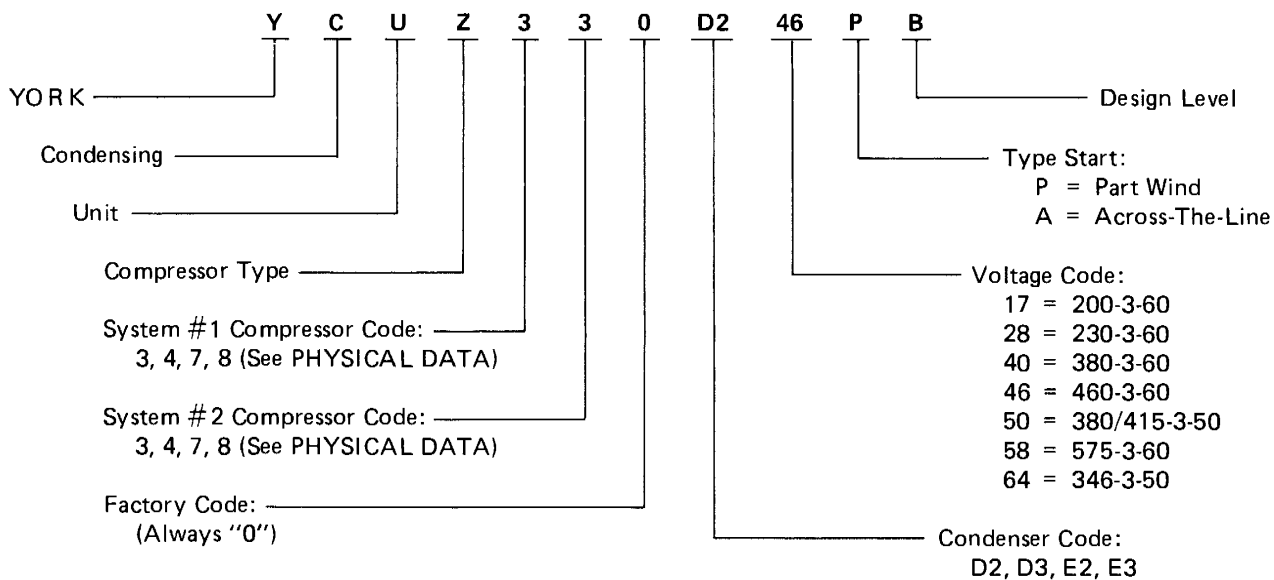
YCUZ330D2, YCUZ440D2, YCUZ740D2, YCUZ770E2, YCUZ880E2

STYLE B*

Archived Version

NOMENCLATURE

The model number denotes the following characteristics of the unit:



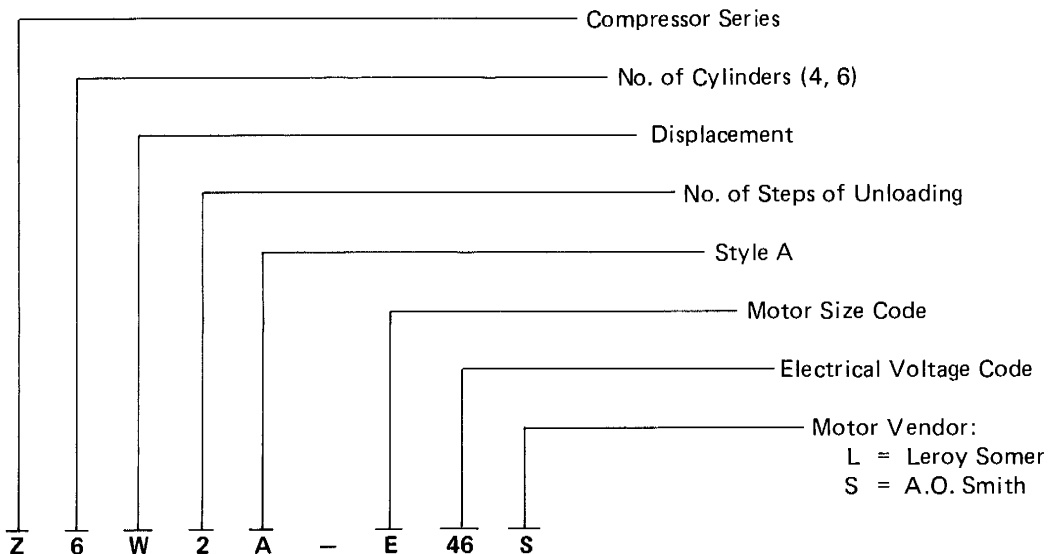
COMPRESSOR MODEL NUMBERS

UNIT MODEL	60 HZ	YCUZ330D3	YCUZ440D3	YCUZ740E3	YCUZ770E3	YCUZ880E3
COMPRESSOR MODEL	System No. 1	Z4K1A-B	Z4M1A-C	Z6S1A-D	Z6S1A-D	Z6W1A-E
	System No. 2	Z4K1A-B	Z4M1A-C	Z4M1A-C	Z6S1A-D	Z6W1A-E

UNIT MODEL	50 HZ	YCUZ330D2	YCUZ440D2	YCUZ740D2	YCUZ770E2	YCUZ880E2
COMPRESSOR MODEL	System No. 1	Z4K1A-B	Z4M1A-C	Z6S1A-D	Z6S1A-D	Z6W1A-E
	System No. 2	Z4K1A-B	Z4M1A-C	Z4M1A-C	Z6S1A-D	Z6W1A-E

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

COMPRESSOR NOMENCLATURE



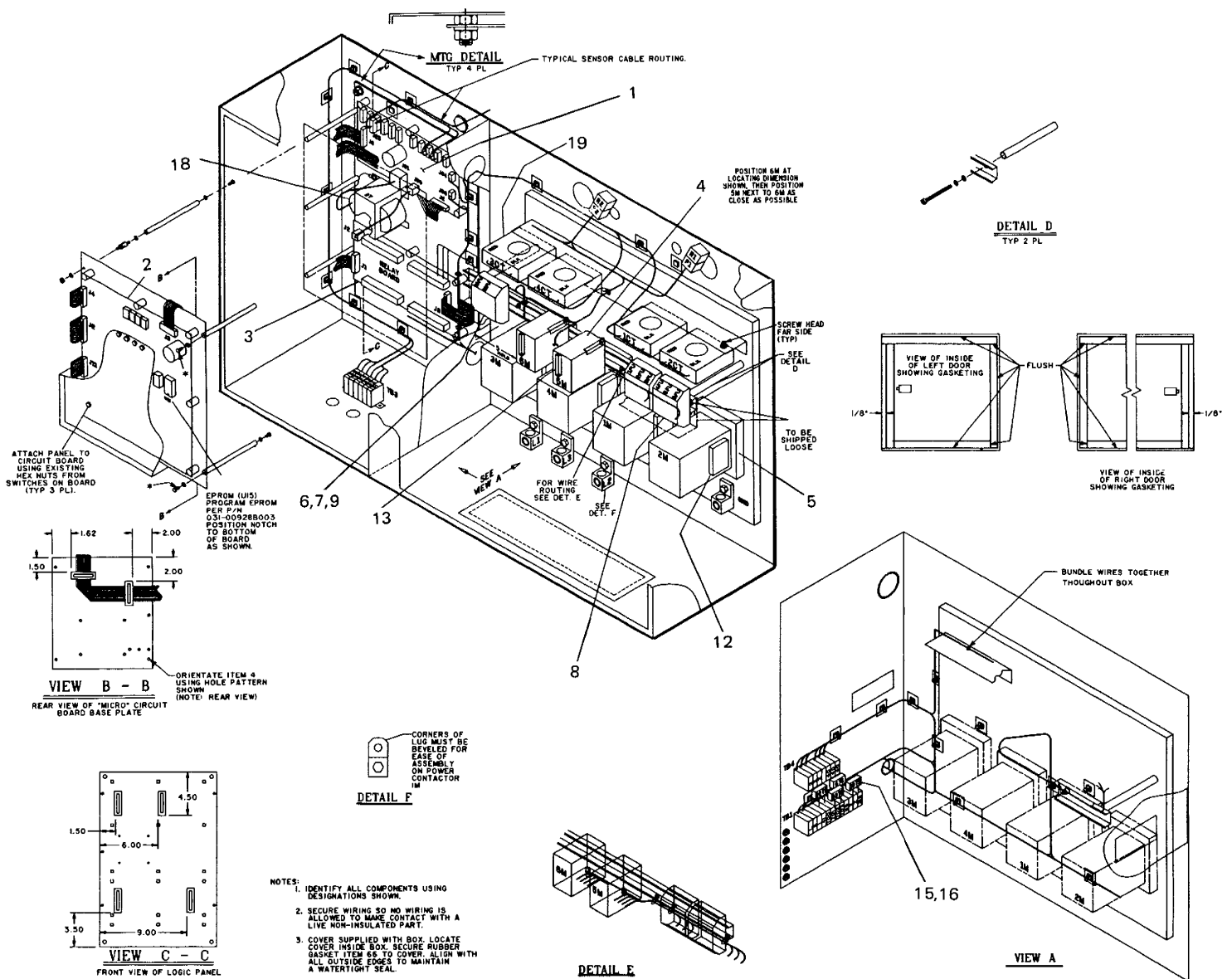
⑤ COMPRESSOR MOTOR CONTACTORS

VOLT. CODE	TYPE START	SYS- TEM	UNIT MODEL									
			HZ									
			60	YCUZ330D3		YCUZ440D3	YCUZ440D2	YCUZ740E3	YCUZ740D2	YCUZ770E3	YCUZ770E2	YCUZ880E3
-17	P	1										
		2		024-24775-000 024-24775-000		024-24982-000 024-24982-000	— —	024-24982-000 024-24982-000	— —	024-24982-000 024-24982-000	— —	024-24988-001 024-24988-001
-28	P	1										
		2		024-24775-000 024-24775-000		024-24982-000 024-24982-000	— —	024-24982-000 024-24982-000	— —	024-24982-000 024-24982-000	— —	024-24982-000 024-24982-000
-40	P	1										
		2		024-24775-000 024-24775-000		024-24775-000 024-24775-000	— —	024-24775-000 024-24775-000	— —	024-24775-000 024-24775-000	— —	024-24775-000 024-24775-000
-46	P	1										
		2		024-24775-000 024-24775-000		024-24775-000 024-24775-000	— —	024-24775-000 024-24775-000	— —	024-24775-000 024-24775-000	— —	024-24775-000 024-24775-000
-50	P	1										
		2		024-24775-000 024-24775-000		024-24775-000 024-24775-000	— —	024-24775-000 024-24775-000	— —	024-24775-000 024-24775-000	— —	024-24775-000 024-24775-000
-58	P	1										
		2		024-24775-000 024-24775-000		024-24775-000 024-24775-000	— —	024-24775-000 024-24775-000	— —	024-24775-000 024-24775-000	— —	024-24775-000 024-24775-000
-64	P	1										
		2		024-24775-000 024-24775-000		024-24775-000 024-24775-000	— —	024-24775-000 024-24775-000	— —	024-24775-000 024-24775-000	— —	024-24775-000 024-24775-000

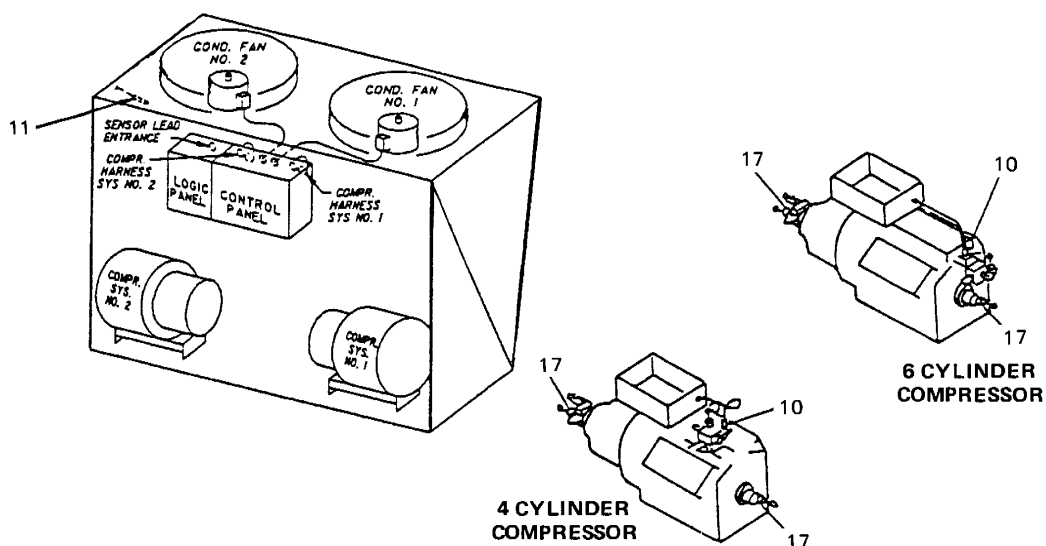
NOTES: ⑤ = Recommended Stock Spare Parts

P = Part Winding

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



CONTROL PANEL



CONTROL COMPONENTS

ITEM NO.	QUAN. PER UNIT	DESCRIPTION	VOLT. CODE
*1	1	CIRCUIT BOARD ASSEMBLIES Power Supply/Analog (Combo Bd)	ALL
*2	1	Micrologic Board	ALL
*3	1	Relay Output Circuit Board	ALL
*4	2	Contactors, Fan	ALL
*5	See p.3	Contactors, Compressor	See p.3
*6	1	FUSES Micro Panel Ckt. (5 Amp), FU16	ALL
*7	1	Control Ckt. (20 Amp), FU15	ALL
*8	6	Fan Contact Ckt. (25 Amp), FU1-6	ALL
*9	3	Fuse Block	ALL
*10	2	High Pressure Cutout	ALL
*11	1	SENSORS Outside Air Temp. (OAT)	ALL
*12		SUPPRESSORS (Arc with Varistor) For Compressor Contactor	
	4		-17
	4		-28
	4		-40
	4		-46
	4		-50
	4		-58
	4		-64
*13	2	Suppressor, Fan Contactors	ALL
14	6/4	Suppressor, Compr. Loading Sol. & Heaters	ALL
*15	2	Suppressor, Customer-Furnished Liquid Line Solenoid	ALL
*16	2	Suppressor, Customer-Furnished Alarm Contacts	ALL
*17	4	Transducer (Oil & Suct. Press.)	ALL
18	1	Transformer (Micro Panel) 2T	ALL
19	4	Transformer (Current)	ALL
20	2	Module, Motor Protector	ALL

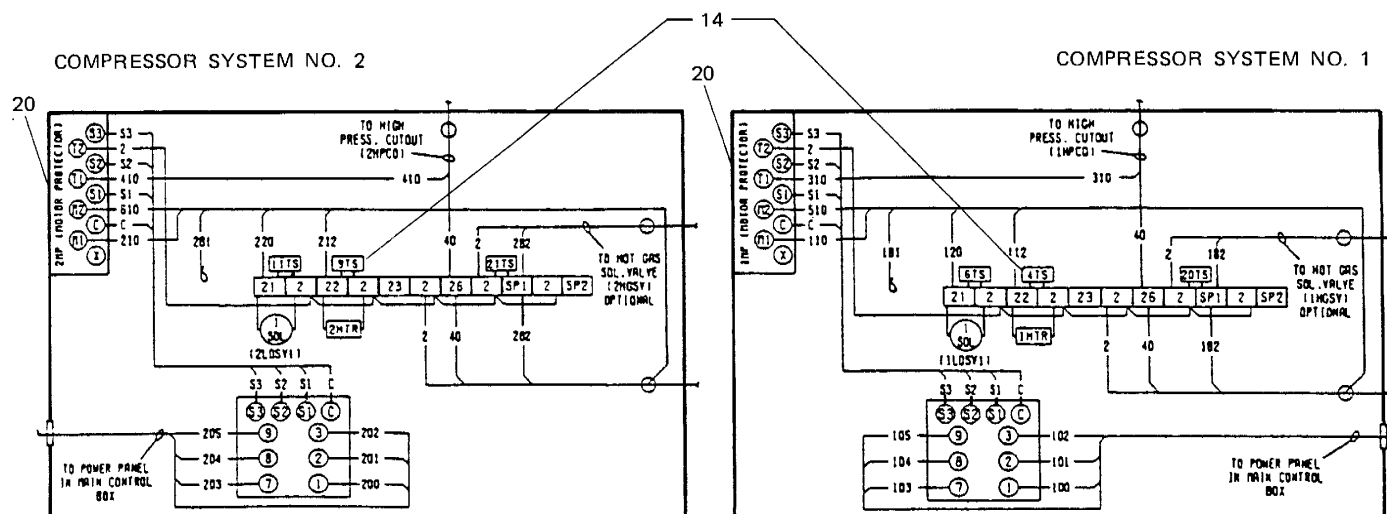
ALL MODELS	HZ	UNIT MODEL				
	60	YCUZ330D3	YCUZ440D3	YCUZ740E3	YCUZ770E3	YCUZ880E3
	50	YCUZ330D2	YCUZ440D2	YCUZ740D2	YCUZ770E2	YCUZ880E2
031-01036-000						
031-01020-000						
031-01021-003						
024-24777-000						
See Pg. 3						
025-27922-000						
025-28967-000						
025-27509-015						
025-28985-002						
025-27509-100						
031-00958-000		031-00959-000	031-00959-000	031-00959-000	031-00959-000	031-00959-000
031-00958-000		031-00958-000	031-00959-000	031-00959-000	031-00959-000	031-00959-000
031-00958-000		031-00958-000	031-00958-000	031-00958-000	031-00958-000	031-00958-000
031-00958-000		031-00958-000	031-00958-000	031-00958-000	031-00958-000	031-00958-000
031-00958-000		031-00958-000	031-00958-000	031-00958-000	031-00958-000	031-00958-000
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031-00958-000		031-00958-000	031-00958-000	031-00958-000	031-00958-000	031-00958-000
031-00958-000		031-00958-000	031-00958-000	031-00958-000	031-00958-000	031-00958-000
031-00960-000						
031-00927-000						
031-00927-000						
031-00927-000						
025-28939-000						
025-27509-009						
025-27408-000						
025-27522-000						

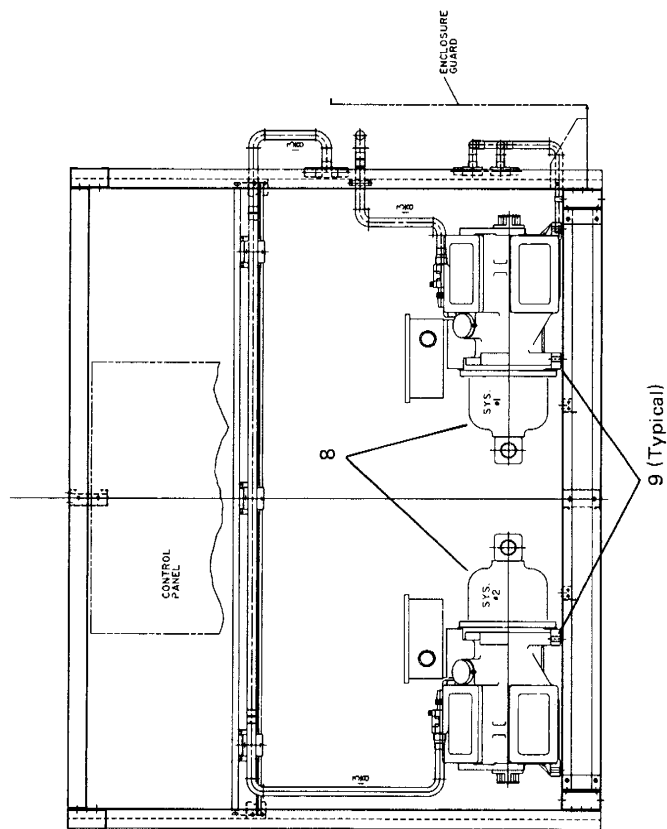
* Quantity 6 for 6 Cylinder Compressor

Quantity 4 for 4 Cylinder Compressor

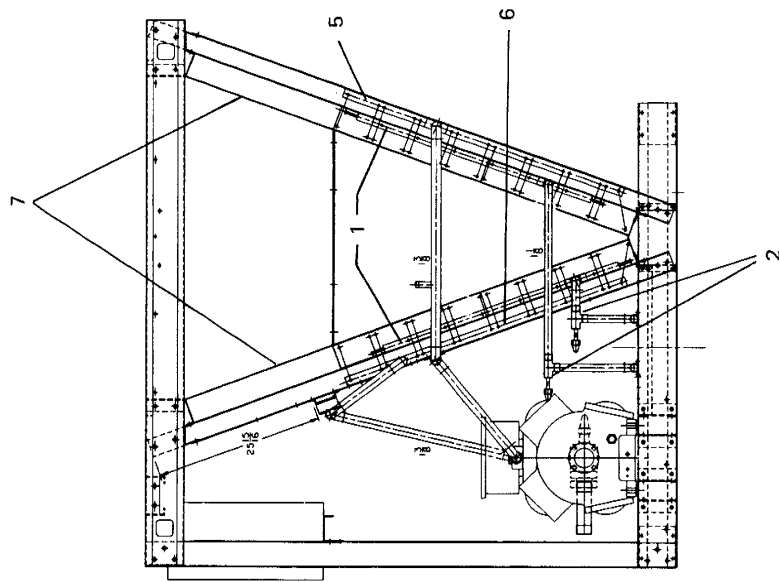
* Recommended Stock Spare Parts

TYPICAL MOTOR TERMINAL BOX CONNECTION (4 CYL.)





FRONT VIEW



RIGHT SIDE VIEW

UNIT COMPONENTS

ITEM NO.	QUAN. PER UNIT	DESCRIPTION	HZ	UNIT MODEL				
			60	YCUZ330D3	YCUZ440D3	YCUZ740E3	YCUZ770E3	YCUZ880E3
			50	YCUZ330D2	YCUZ440D2	YCUZ740D2	YCUZ770E2	YCUZ880E2
1	2	Header, Liquid		366-94438	366-94438	366-93928	366-93928	366-93928
2	2	Valve, Liquid Stop		025-10510	025-10510	025-10510	025-10510	025-10510
3*	2	Dehydrator, Body (Replaceable Core)		026-21055	026-21055	026-21055	026-21055	026-21055
4	4	Dehydrator, Core (Use with Item 3)		026-18328	026-18328	026-18328	026-18328	026-18328
5	1	Header, Discharge (R.H.)		366-94436	366-94436	366-93926	366-93926	366-93926
6	1	Header, Discharge (L.H.)		366-94437	366-94437	366-93926	366-93926	366-93926
7a	Varies with Unit	Coil, Condenser (Al Fins – Standard)		026-30479	026-30479	026-30479	026-30479	026-30479
7b		Coil, Condenser (Cu Fins – Optional)		CONTACT YORK				
7c		Coil, Condenser (Heresite – Optional)		CONTACT YORK				
		No. Condenser Coils per Unit		4	4	6	6	6
8	2	Compressor		See Page 2				
9	16	Pad, Isolator		075-00820	075-00820	075-00820	075-00820	075-00820

* Not Shown. Field-Installed in Liquid Piping.

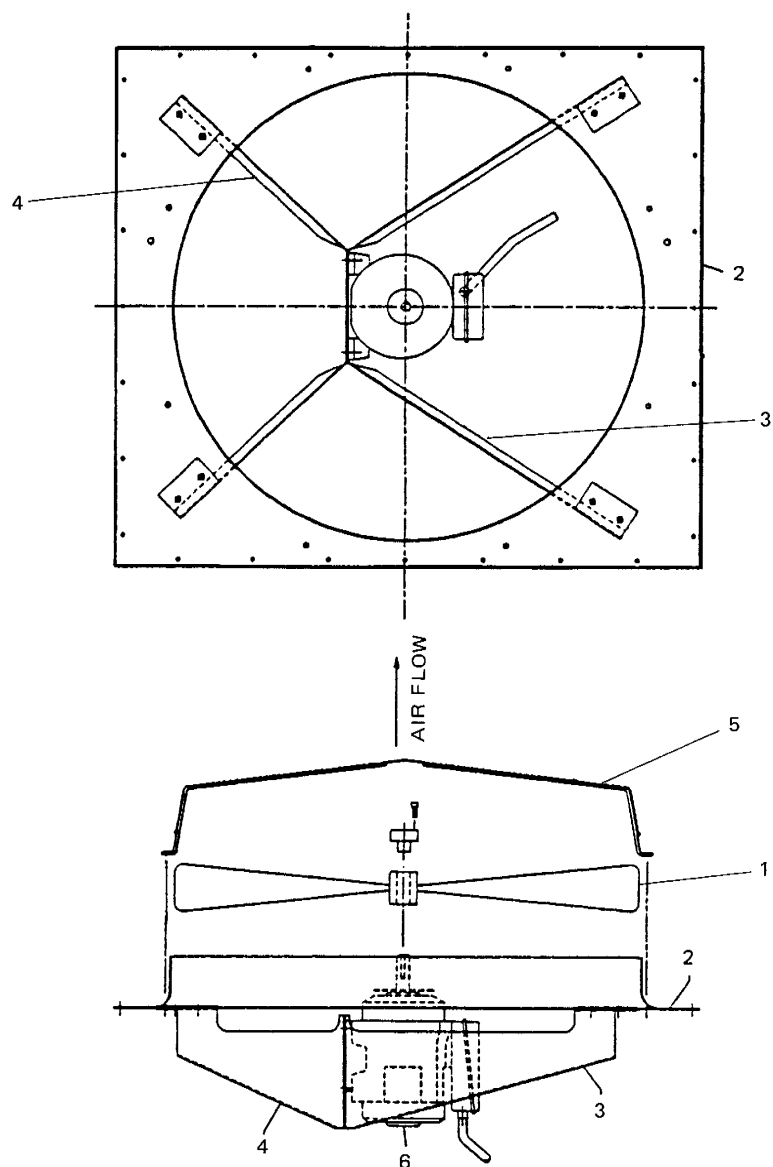
* Recommended Stock Spare Parts

COMPONENTS FOR UNIT OPTIONS

ITEM NO.	QUAN. PER UNIT	DESCRIPTION	VOLTAGE CODE	ALL MODELS
A	1	Power Disconnect Switch (PDS)	-17	
			-28	
			-40	
			-46	
			-50	
			-58	
			-64	
B	1	Control Transformer (1T)	-17	025-27930-000
			-28	025-27929-000
			-40	025-27931-000
			-46	025-27929-000
			-50	025-27931-000
			-58	025-27932-000
			-64	—
C	2*	Transducer Discharge Pressure	ALL	025-28938-000
D	2*	Isolator, Transducer (Use with Item "C")	ALL	026-30229-000
E	2	Loadminder Valve, Regulator, Hot Gas (HGSV)	ALL	025-27647-000
F	2	Varistor Suppressor	ALL	031-00927-000
G	2*	Low Ambient Transducer, Pressure	ALL	025-28938-000
H	2*	Isolator, Transducer (Use with Item "K")	ALL	026-30229-000
I	1	Contactor, Fan	ALL	024-24777-000
J	1	Suppressor, Transient	ALL	031-00960-000
K	2	Sensor, Suction Temperature	ALL	025-28935-000

* One (1) Required Per Compressor

HZ	UNIT MODEL									
60	YCUZ330D3		YCUZ440D3		YCUZ740E3		YCUZ770E3		YCUZ880E3	
50		YCUZ330D2		YCUZ440D2		YCUZ740D2		YCUZ770E2		YCUZ880E2
	025-27646 -001	—	025-27646 -001	—	025-27646 -001	—	025-27646 -002	—	025-27646 -002	—
	025-27646 -001	—	025-27646 -001	—	025-27646 -001	—	025-27646 -001	—	025-27646 -002	—
	025-27646 -004	—	025-27646 -004	—	025-27646 -004	—	025-27646 -005	—	025-27646 -005	—
	025-27646 -004	—	025-27646 -004	—	025-27646 -004	—	025-27646 -004	—	025-27646 -005	—
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	025-27646 -004	—	025-27646 -004	—	025-27646 -004	—	025-27646 -004	—	025-27646 -004	—
	—	025-27646 -004	—	025-27646 -004	—	025-27646 -004	—	025-27646 -004	—	025-27646 -005



ITEM NO.	DESCRIPTION		PART NUMBER
^s 1	Blade		026-30582-000
2	Orifice		326-30325-000
3	Support, Motor		075-00618-000
4	Support, Motor		075-00619-000
5	Guard		026-30594-000
^s 6	Motor	VOLTAGE CODE	
		-17	024-25247-002
		-28	024-25247-002
		-40	024-25247-001
		-46	024-25247-001
		-50	024-24604-001
		-58	025-25252-000
		-64	024-24604-001

^s Recommended Stock Spare Parts



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