

COOLING

MODEL YT A1 A1 B1 THRU YT F3 F3 C2 (STYLES E & F)

MODEL YT G1 G1 E1 THRU YT L3 L3 E3 (STYLES E & F)

MODEL YT K4 J4 F1 THRU YT L6 M6 F2 (STYLES E & F)

HEAT RECOVERY

MODEL YT A1 M1 B1 THRU YT F3 S3 C2 (STYLES E & F)

MODEL YT G1 T1 E1 THRU YT L3 X3 E3 (STYLES E & F)

MODEL YT K4 V4 F1 THRU YT L6 X6 F2 (STYLES E & F)

150 THRU 1000 TONS

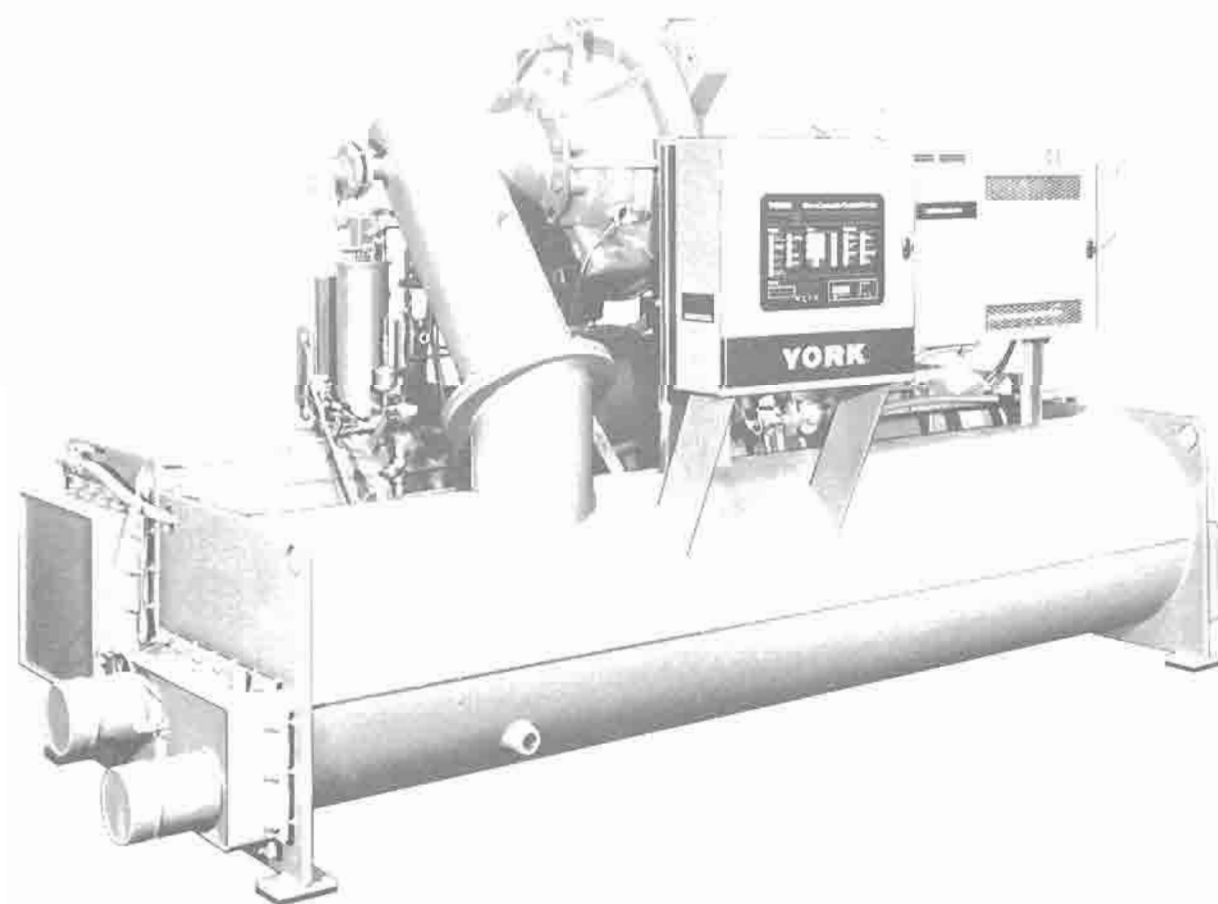
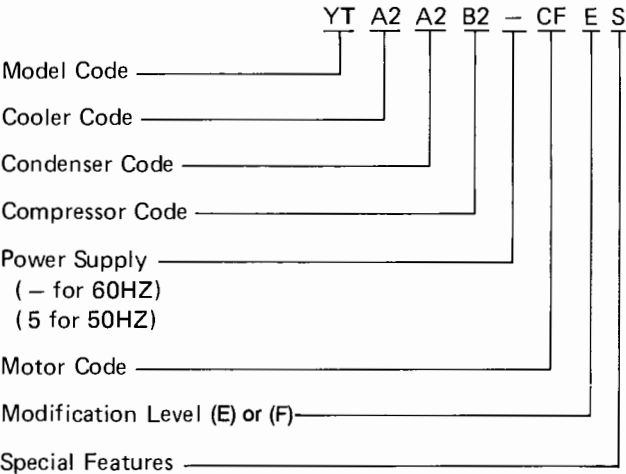


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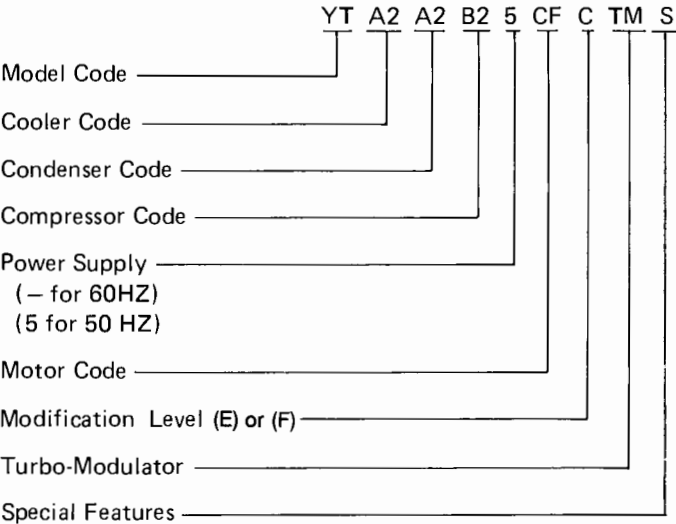
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NOMENCLATURE

CODEPAK (YT) COOLING AND HEAT RECOVERY UNITS



TURBO-MODULATOR (YT) COOLING AND HEAT RECOVERY UNITS



NOTE: Turbo-Modulator Factory Packaged Units not available with E3, F1 & F2 Compressor.

COMPRESSOR/SHELL (COOLER & CONDENSER) COMBINATION

COMPRESSOR	COOLER	COOLING ONLY	HEAT RECOVERY
B1, B2	A1, A2	A1, A2, B1, B2	M1, M2, N1, N2
	B1, B2	A1, A2	M1, M2
B1, B2, C1, C2	B1, B2	B1, B2, C1, C3	M1, N2, P1, P3
	C1, C3	B1, B2, C1, C3, D1, D3	N1, N2, P1, P3, D1, D3
	D1, D3	C1, C3, D1, D3, E1, E3	P1, P3, Q1, Q3, R1, R3
	E1, E3	D1, D3, E1, E3	Q1, Q3, R1, R3
C1, C2	E1, E3	F1, F3	S1, S3
	F1, F3	E1, E3, F1, F3	R1, R3, S1, S3
E1, E2, E3	G1, G3	G1, G3, H1, H3	T1, T3, U1, U3
	H1, H3	G1, G3, H1, H3, J1, J3	T1, T3, U1, U3, V1, V3
	J1, J3	H1, H3, J1, J3, K1, K3	V1, V3, W1, W3
	K1, K3	J1, J3, K1, K3, L1, L3	V1, V3, W1, W3, X1, X3
	L1, L3	K1, K3, L1, L3	W1, W3, X1, X3
F1, F2	K4, K6	J4, J6, K4, K6	V4, V6, W4, W6
	K7, K9	J4, J6, K4, K6, L4, L6	V4, V6, W4, W6, X4, X6
	L4, L6	K4, K6, L4, L6, M4, M6	W4, W6, X4, X6

COMPRESSOR CODE/MODEL IDENTIFICATION –
RENEWAL PARTS & COMPRESSOR SERVICE INSTRUCTIONS

COMPRESSOR CODE	COMPRESSOR MODEL	RENEWAL PARTS FORM NO.	COMPRESSOR SERVICE INSTRUCTION FORM NO.
B1 B2 C1 C2	YDTJ-67 YDTJ-76 YDTJ-85 YDTJ-95	160.45-RP1.1 (Sect. 2)	160.45-M1.1
E1 E2 E3	YDTH-108 YDTH-120 YDTH-126	160.45-RP1.2 (Sect. 2)	160.45-M1.2
F1 F2	YDTK131 YDTK144	165.45-RP1.3 (Sect. 2)	160.45-M1.3

NOTE: ASSEMBLE GASKETS
AGAINST EACH FLANGE
FACE WITH BURSTING
DISC BETWEEN GASKETS

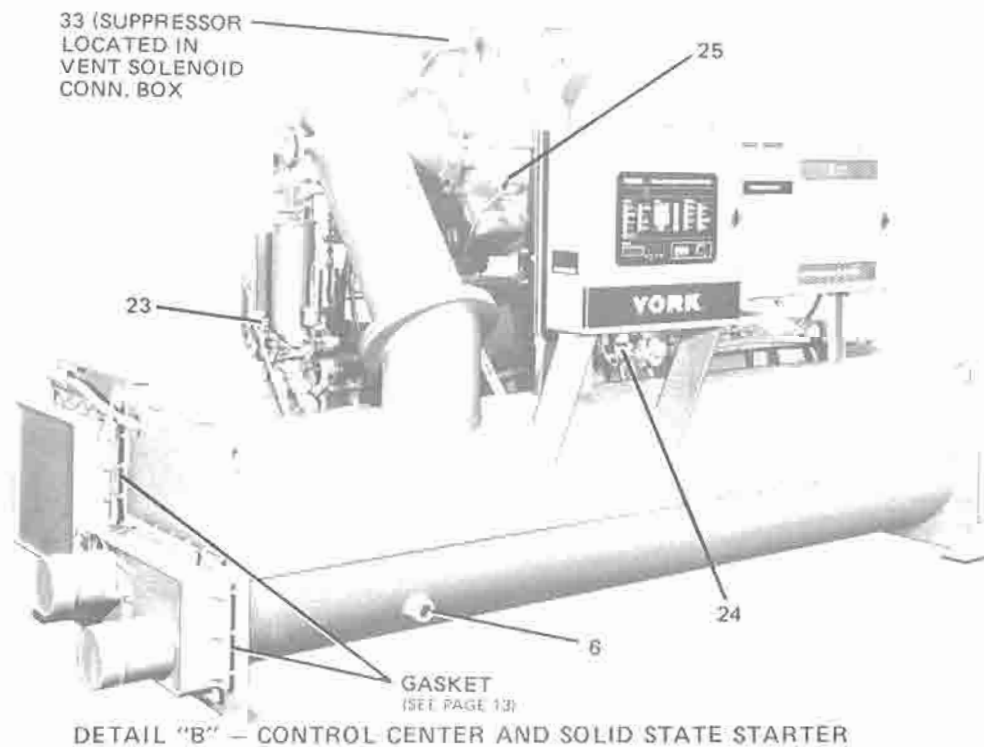
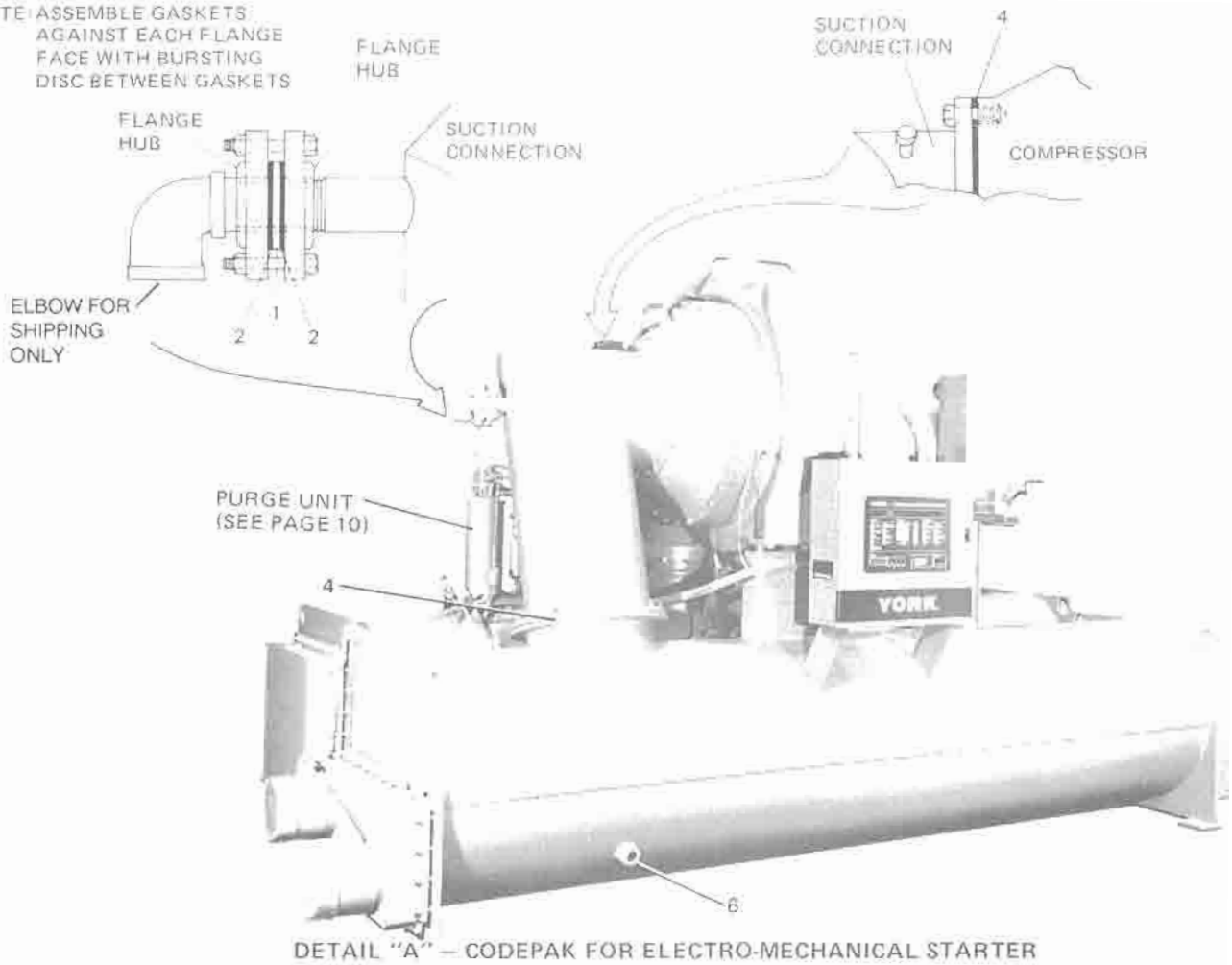


FIG. 1 — CODEPAK — FRONT VIEW — CONTROL CENTER ONLY FOR ELECTRO-MECHANICAL STARTER APPLICATION

REFRIGERANT CIRCUIT AND WATER PIPING PARTS

CONTROL CENTER

SOLID STATE STARTER

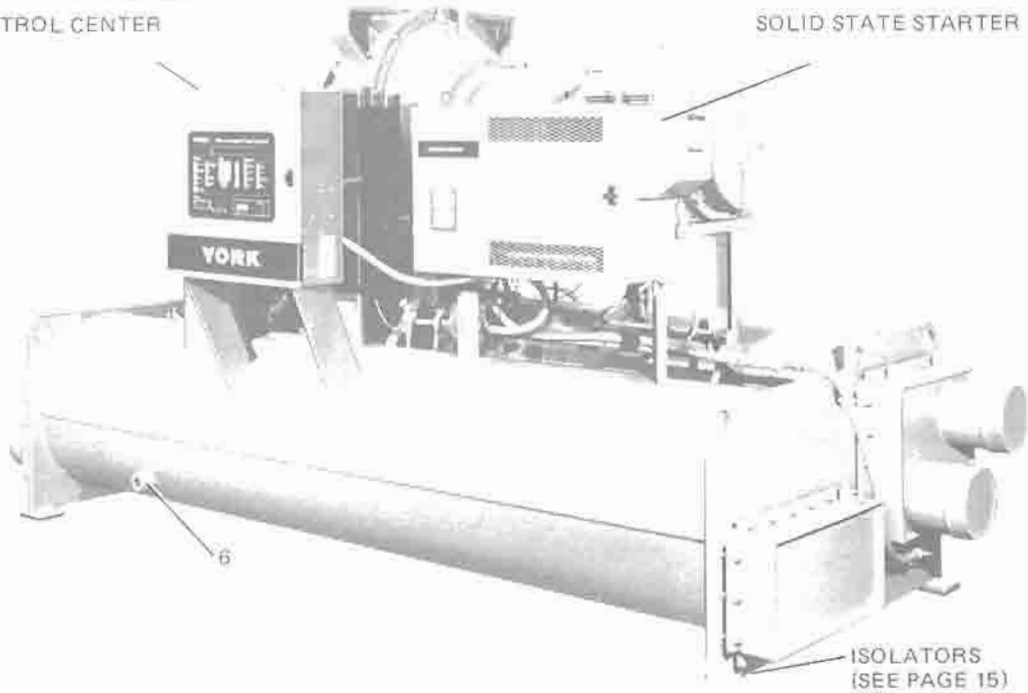
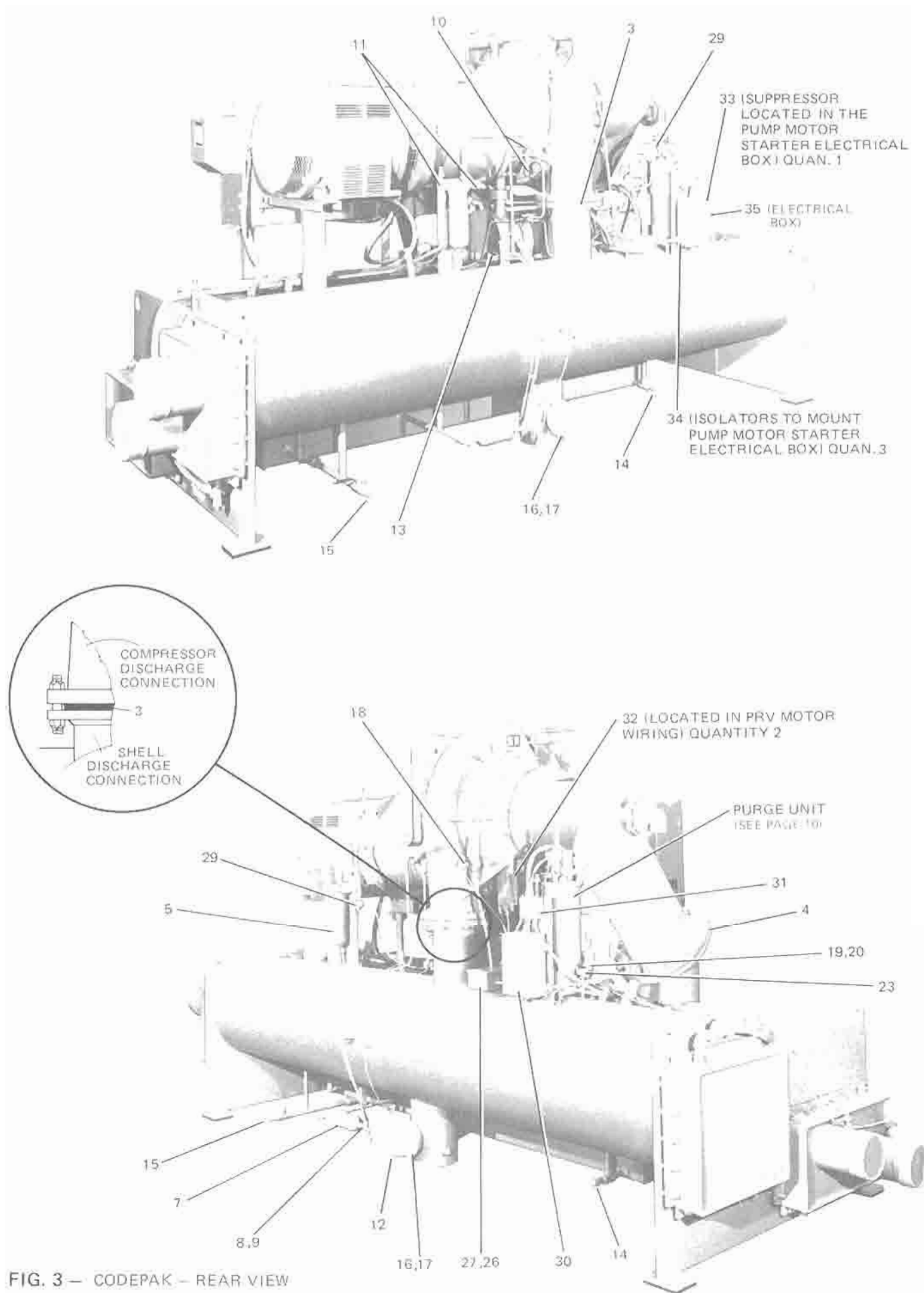


FIG. 2 - CODEPAK - FRONT VIEW - WITH SOLID STATE STARTER

ITEM	DESCRIPTION	FIG. NO.	B-COMPRESSOR		C-COMPRESSOR		E-COMPRESSOR		F-COMPRESSOR		F-COMPR. HEAT RECV.	
			Quan.	YDTJ67-76 PART NO.	Quan.	YDTJ85-95 PART NO.	Quan.	YDTH108, 120 & 126 PART NO.	Quan.	YDTK131 & 144 PART NO.	Quan.	YDTK131 & 144 PART NO.
1	DISK RUPTURE 2-1/2" 3"	1	1	026-09353	1	026-09353	1	026-09353	1	026-09353	1	026-27788
2	GASKET, RUPTURE DISK 4" O.D. x 2-5/8" I.D. x 1/8" 5-3/8" O.D. x 3-1/2" I.D. x 1/8"	1	2	066-83601	2	066-83601	2	066-83601	2	066-83601	2	066-23476
3	GASKET, DISCHARGE CONN. 8" FLANGE 10" FLANGE 12" FLANGE 16" FLANGE	3	1	075-02350	1	075-02352	1	075-02351	1	075-02355	1	075-02355
4	GASKET, SUCTION CONN. 12" FLANGE 14" FLANGE 20" FLANGE 24" FLANGE	1, 3	2	075-02351	2	075-02353	2	075-02354	2	075-02356	2	075-02356
5	OIL FILTER (COMPLETE) *CARTRIDGE KIT	3, 4	1	026-21982	1	026-21982	1	026-21982	1	026-21982	1	026-21982
6	PLUG SIGHT	1	1	026-18004	1	026-18004	1	026-18004	1	026-18004	1	026-18004
7	OIL EDUCTOR FILTER DRIER	3	1	026-14777-007	1	026-14777-007	1	026-14777-007	1	026-14777-007	1	026-14777-007
8	OIL RETURN EDUCTOR	3	1	364-18241	1	364-18241	1	364-18241	1	364-18241	1	364-18241
9	KIT, OIL EDUCTOR	3	1	364-89520	1	364-89520	1	364-89520	1	364-89520	1	364-89520
10	VALVE, STOP ANGLE 1/2 NPT x 1/2 FLA	3	2	022-03835	1	022-03835	1	022-03835	1	022-03835	1	022-03835
11	VALVE, STOP ANGLE 3/4 NPT x 3/4 NPT	3	2	022-03850	2	022-03850	2	022-03850	2	022-03850	2	022-03850
12	VALVE, STOP ANGLE 1/4 NPT x 1/4 FLA	3	1	022-01581	1	022-01581	1	022-01581	1	022-01581	1	022-01581
13	VALVE, STOP ANGLE 1/4 NPT x 1/4 FLA	3	3	022-03836	3	022-03836	3	022-03836	3	022-03836	3	022-03836
14	VALVE, STOP ANGLE 1/2 NPT x 1/2 FLA	3	2	022-03834	2	022-03834	2	022-03834	2	022-03834	2	022-03834
15	VALVE, BALL 1 NPT x 1 NPT	3	1	022-06873	1	022-06873	1	022-06873	1	022-06873	1	022-06873
16	GASKET, 5" O.D. x 5" I.D. x 1/8" - COVER CHAMBER	3	1	075-02338	1	075-02338	1	075-02338	1	075-02338	1	075-02338
17	COVER ORIFICE CHAMBER	3	1	066-84730	1	066-84730	1	066-84730	1	066-84730	1	066-84730

* Part of Bearing Kit Part No. 464-47033



ELECTRICAL & ELECTRONIC PARTS

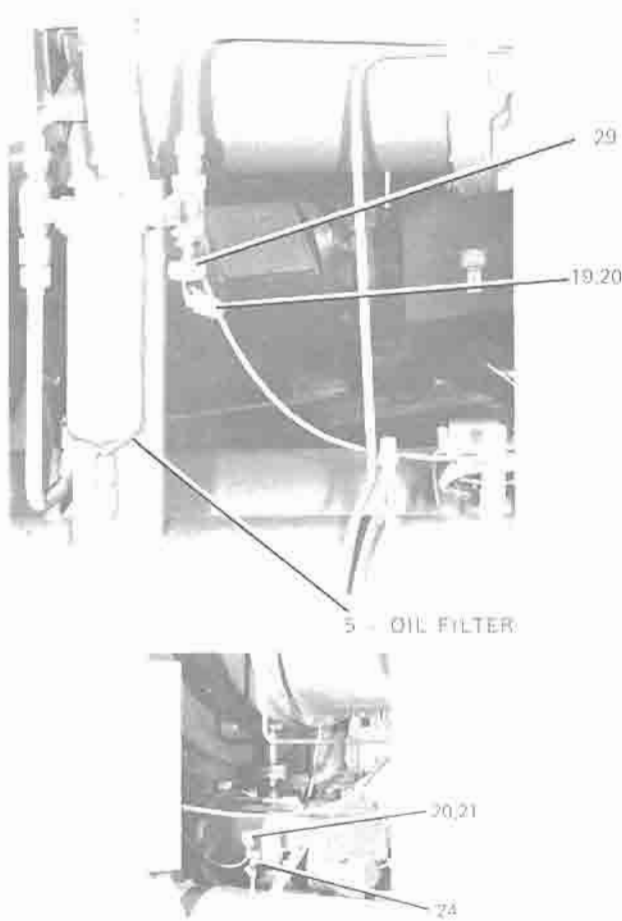


FIG. 4 —

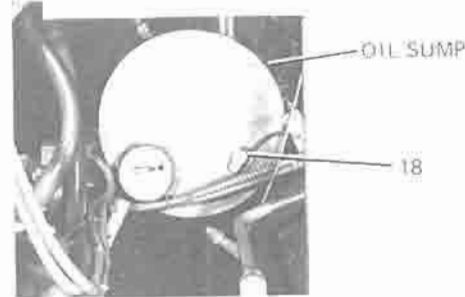


FIG. 4 — (Cont'd.)

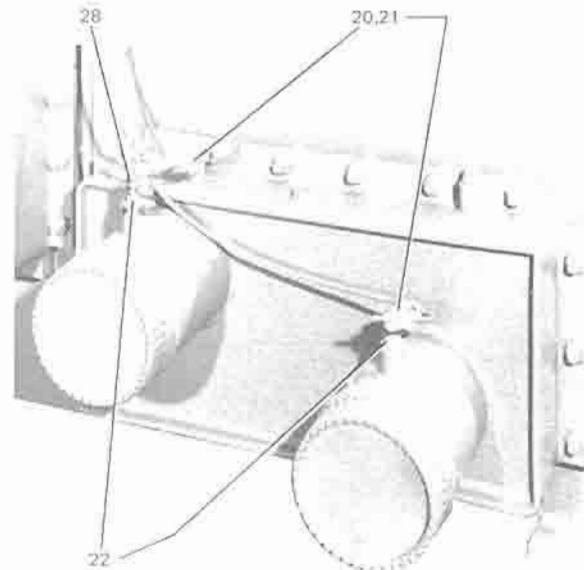


FIG. 5 —

ITEM	DESCRIPTION	FIG. NO.	CODEPAK ELECTRO-MECH. STARTER		CODEPAK SOLID STATE STARTER		CODEPAK FACTORY PACKAGED TURBO-MODULATOR SYSTEM	
			QUAN.	PART NO.	QUAN.	PART NO.	QUAN.	PART NO.
18	SENSOR, TEMPERATURE	3 & 4	2	***	2	***	2	***
19*	HOUSING, ELECT. CONN.-PLUG (3-PIN)	3 & 4	8	025-21193	8	025-21193	10	025-21193
20*	CONTROL, SOCKET	4 & 5	50	025-27232	50	025-27232	58	025-27232
21*	HOUSING, ELECT. CONN.-CAP (2-PIN)	4 & 5	4	025-19672	4	025-19672	5	025-19672
22	BULB WELL	5	5**	366-60109	5**	366-60109	3**	366-60109
23	TRANSDUCER, COND.	1 & 3	1	***	1	***	1	***
24	TRANSDUCER, EVAP. (COOLER)	1 & 5	1	***	1	***	1	***
25	TRANSDUCER, OIL PRESS. (LOW)	1	1	***	1	***	1	***
26	BOX, ELECTRICAL	3	1	025-26204	1	025-26204	1	025-26204
27	COVER, BOX ELEC.	3	1	025-26203	1	025-26203	1	025-26203
28	SENSOR TEMPERATURE (RT1) (RT9)	5	2**	***	2**	***	3**	***
29	TRANSDUCERS, PURGE & HIGH OIL PRESS.	3 & 4	2	***	2	***	2	***
30	STARTER, OIL PUMP	3	1	024-19119-002	1	024-19119-002	1	024-19119-002
31	CONTROL, PRESSURE HP CUTOUT	3	1	025-14385	1	025-14385	1	025-14385
32	VARIATOR, METAL OXIDE	3	2	366-87030	2	366-87030	2	366-87030
33	SUPPRESSOR	1 & 3	4	031-00808	4	031-00808	4	031-00808
34	ISOLATOR	3	3	028-02162	3	028-02162	3	028-02162
35	BOX, ELECTRICAL	3	1	025-21400	1	025-21400	1	025-21400
36	TRANSDUCER, EVAP. - T-M	—	—	—	—	—	1	025-25127-005
37	TRANSDUCER, COND. - T-M	—	—	—	—	—	1	025-25127-006

NOTES: * Applies to early production chillers with non-waterproof connectors only.
 ** For Heat Recovery Units -- Quantity is increased by 3 (RT6) (RT7) (RT8).
 *** Refer to YORK Form 160.46-RP1.

OIL PUMP STARTER OVERLOAD ELEMENTS

(Quan. 3 per Unit)

MODEL YT A1 A1 B1 THRU MODEL YT L3 X3 E3

VOLTAGE	PART NO.
208, 220, 230, 240-3-60 220-3-50	024-19424
440, 460, 480-3-60 440, 380-3-50	024-20799
550, 575, 600-3-60	024-23159
346-3-50	024-19420
380, 400, 415-3-50	024-20092
416-3-60	024-23158

MODEL YT K4 J4 F1 THRU MODEL L6 X6 F2

VOLTAGE	PART NO.
208, 220, 230-3-60	024-23963
240-3-60	024-23964
416, 440-3-60 346-3-50	024-19420
460, 480-3-60 380, 400, 415-3-50	024-20092
550, 575, 600-3-60	024-23158
220-3-50	024-19424
440-3-50 380-3-60	024-20799

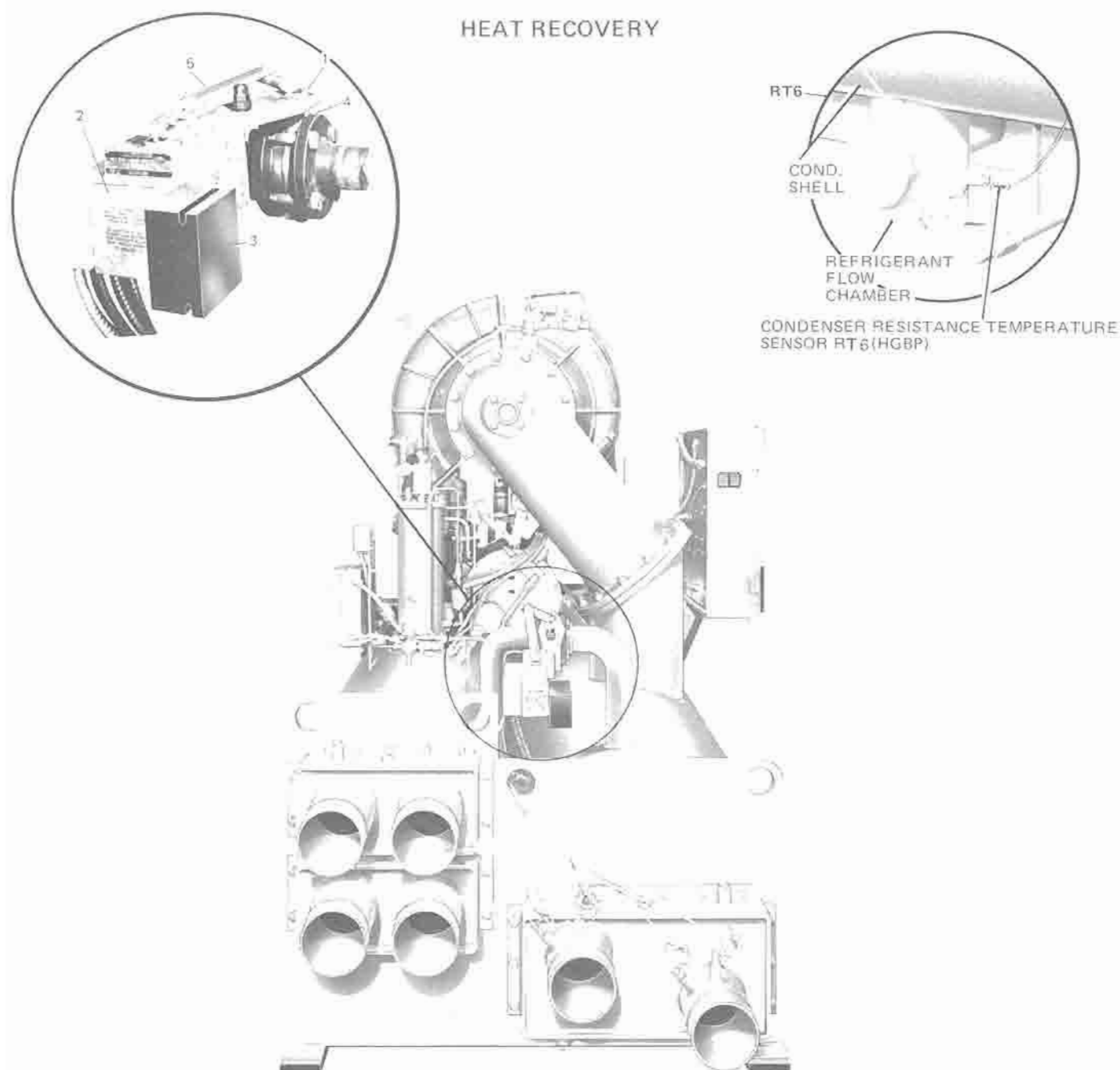
KIT CURRENT TRANSFORMER FIELD INSTALLED ELECTRO-MECHANICAL STARTERS ONLY

MOTOR VOLTAGE	FLA	"CT" RATIO	FACTORY MOUNTED MOTORS PART NO.	FIELD MOUNTED MOTORS PART NO.
208/600	65-111	200:1	366-82718C001	366-82720B001
	112-224	350:1	366-82718C002	366-82720B002
	225-829	700:1	366-82718C003	366-82720B003
	830-1790	1400:1	366-82718C004	366-82720B004
2300/4160	11-18	200:1	366-82718C005	366-82720B001
	19-37	200:1	366-82718C005	366-82720B001
	38-123	200:1	366-82718C005	366-82720B001
	124-264	350:1	366-82718C006	366-82720B002

TRANSFORMER ONLY

"CT" RATIO	PART NO.
200:1	025-21173-001
350:1	025-21173-002
700:1	025-21173-003
1400:1	025-21173-004

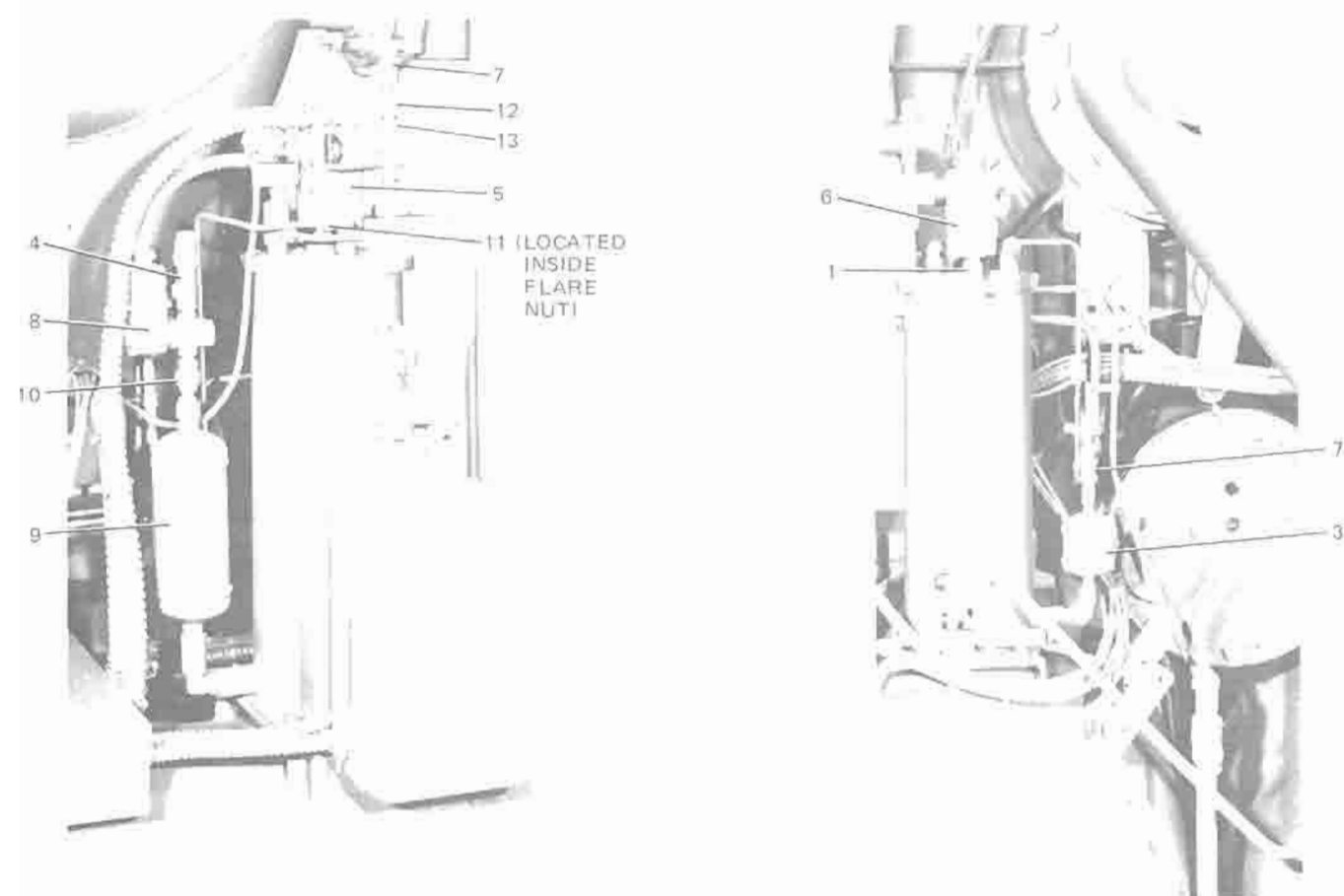
HEAT RECOVERY



HOT GAS BY-PASS CONTROL

ITEM	DESCRIPTION	PART NO.	QUAN.
1	Valve, Hot Gas By-Pass - 2 1/2"	022-05235	1
		022-05236	1
		022-05237	1
2	Motor, Actuator	025-17521	1
3	Control, Actuator Motor	025-20799	1
4	Control, Hot Gas	031-00239	1
5	Crank-Arm	025-17073	1

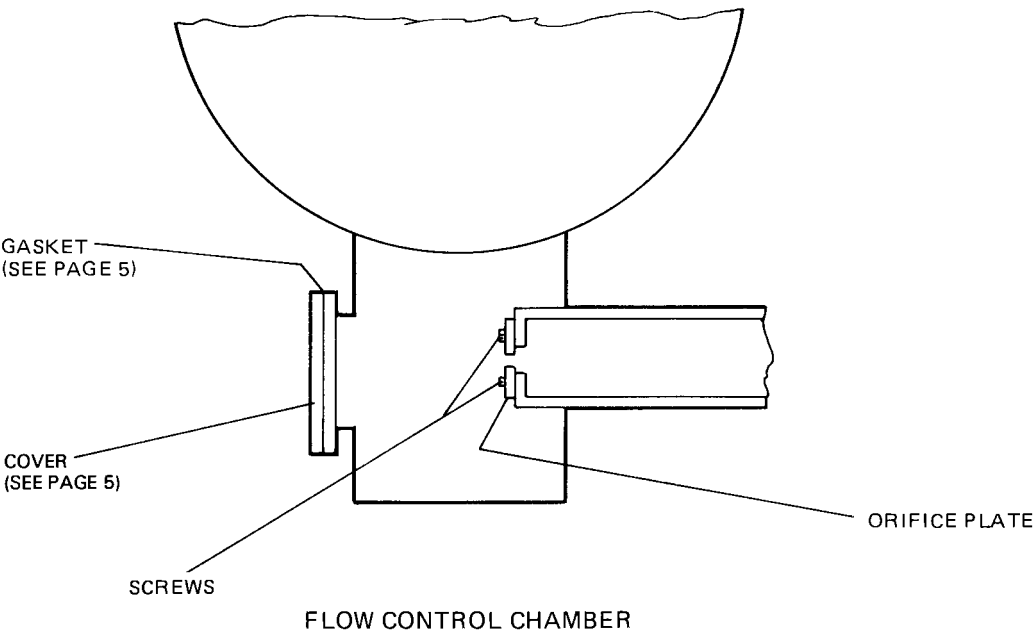
TURBOGUARD PURGE UNIT



ITEM	DESCRIPTION	PART NO.	QUAN.
	TURBO GUARD PURGE UNIT	366-81916*	1
1	Float Switch	024-16306	1
2	Valve, Solenoid	025-29137	1
3	Foul Gas Filter Drier	026-28173	1
4	Valve Stop Angle 3/8 FLA x 1/4 NPT	022-04158	1
5	Box, Conduit	025-01145	1
6	Cover, Conduit Box	025-01732	1
7	Valve Check (1/4 FLA x 1/4 FLA)	022-03902	2
8	Valve Solenoid 3-way — 1/4 NPT	025-16988	1
9	Dehydrator	026-14777-007	1
10	Connector, FLA Swivel	023-05189	1
11	Liquid Line Orifice	066-82377	1
12	Solid Conn. 1/4 FLA x 1/4 FLA	023-09040	1
13	Half Union 1/4 NPT x 1/4 FLA	023-00927	1
14	Valve, Check	366-91355	1

NOTE: If it is necessary to replace the shell, order the complete unit which includes all parts.

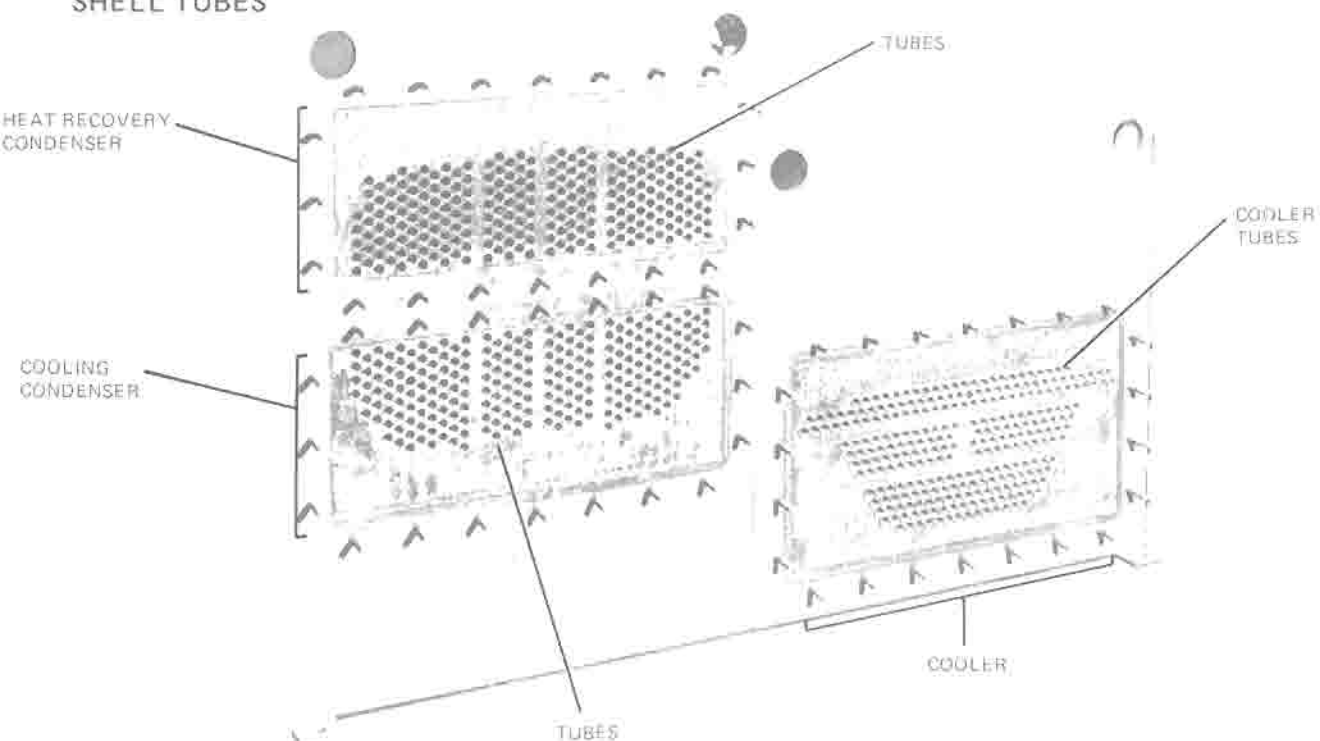
SHELLS



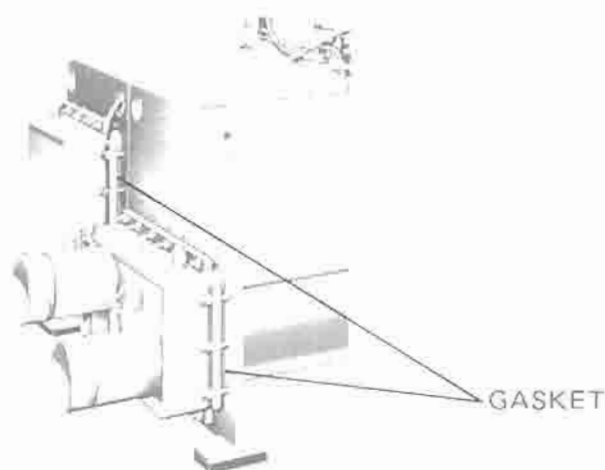
ORIFICE PLATES

COMPRESSOR	APPLICATION RANGE – TONS*	PART NO.
B1, B2	114-148	066-91433-001
	149-188	066-91433-002
	189-232	066-91433-003
B2, C1	233-280	066-91433-004
C1, C2	281-333	066-91433-005
	334-391	066-91433-006
	392-521	066-91433-007
E1, E2	281-333	066-91433-005
	334-391	066-91433-006
	392-521	066-91433-007
	522-669	066-91433-008
F1, F2	670-836	066-91433-009
	392-521	066-90114-001
	522-669	066-90114-002
	670-836	066-90114-003
	837-1021	066-90114-004
	1022-1225	066-90114-005

SHELL TUBES



		COOLER SHELL CODE	COOLER TUBE	SINGLE BUNDLE CONDENSER SHELL CODE	CONDENSER TUBE	HEAT RECOVERY	
			PART NO. 007-07832		PART NO. 007-06692	DOUBLE BUNDLE CONDENSER SHELL CODE	COND. TUBE PART NO.
							007-06734
11 FT. SHELL LENGTH B & C COMPRESSOR	Non-Coded	A1	115	A1	102	M1	204
		A2	145	A2	130	M2	260
		B1	184	B1	166	N1	332
		B2	206	B2	186	N2	372
		C2	232	C1	210	P1	420
		C3	296	C3	268	P3	536
		D1	321	D1	290	Q1	580
		D3	377	D3	342	Q3	684
		E1	410	E1	370	R1	740
		E3	484	E3	436	R3	872
	Coded	F1	524	F1	472	S1	944
		F3	618	F3	550	S3	1104
		PART NO. 007-07833		PART NO. 007-06721		PART NO. 007-06722	
13 FT. SHELL LENGTH E-COMPRESSOR		G1	232	G1	210	T1	420
		G3	296	G3	268	T3	536
		H1	321	H1	290	U1	580
		H3	377	H3	342	U3	684
		J1	410	J1	370	V1	740
		J3	484	J3	436	V3	872
		K1	524	K1	472	W1	944
		K3	618	K3	550	W3	1104
		L1	670	L1	596	X1	1142
		L3	785	L3	700	X3	1350
		PART NO. 007-07834		PART NO. 007-07420		PART NO. 007-07426	
15 FT. SHELL LENGTH F-COMPRESSOR		K4	413	J4	370	V4	698
		K6	484	J6	436	V6	830
		K7	524	K4	472	W4	898
		K9	618	K6	550	W6	1056
		L4	670	L4	596	X4	1142
		L6	785	L6	678	X6	1350
				M4	750		
				M6	844		



NON CODE SHELLS
(SEE NOTE)
DETAIL "A"



COOLER



CONDENSER

*CODE SHELLS
(SEE NOTE)
DETAIL "B"

WATER BOX GASKET — PART NO. 028-09951 (CHANNEL GASKET)

COOLING UNITS

SHELL CODE	COOLER			CONDENSER		
	PASS — FT.			PASS — FT.		
	1	2	3	1	2	3
A1,A2	12.5	14.5	16.0	11.0	12.0	13.5
B1,B2	13.0	15.0	17.0	11.5	13.0	14.0
C1,C3	15.5	18.0	20.5	13.5	15.0	16.5
D1,D3	16.5	19.5	22.0	13.5	15.0	16.5
E1,E3	18.5	22.0	24.5	16.5	18.5	20.0
F1,F3*	—	4.0	7.0	16.0	17.5	19.5
G1,G3	15.5	18.0	20.5	13.5	15.0	16.5
H1,H3	16.5	19.5	22.0	13.5	15.0	16.5
J1,J3	18.5	22.0	24.5	16.5	18.5	20.0
K1,K3,K4, K6,K7,K9*	—	4.0	7.0	16.5	17.5	19.5
L1,L3 L4,L6*	—	4.0	7.0	—	—	—

* WATER BOX BULB GASKET — PART NO. 028-03242

F1,F3*	21	21	21	SEE ABOVE		
K1,K3,K4 K6,K7,K9*	21	21	21	SEE ABOVE		
L1,L3 L4,L6*	22	22	22	SEE BELOW		

* BULB GASKET
PART NO. 028-03242

CHANNEL GASKET
PART NO. 028-09951

J4,J6*	15	15	15	—	2.5	4
K4,K6*	16	16	16	—	2.5	4.5
L1,L3 L4,L6*	17	17	17	—	3.0	5.0
M4,M6*	18	18	18	—	3.0	5.5

HEAT RECOVERY UNITS

SHELL CODE	CONDENSER — TOP			CONDENSER — BOTTOM		
	PASS — FT.			PASS — FT.		
	1	2	3	1	2	3
M1,M2	11.0	12.0	12.5	11.0	12.0	12.5
N1,N2	11.5	12.5	13.0	11.5	12.5	13.0
P1,P2	13.5	14.5	15.5	13.5	14.5	15.5
Q1,Q3	15.0	16.0	17.0	15.0	16.0	17.0
R1,R3	16.5	18.0	19.0	16.5	18.0	19.0
S1,S3	18.5	19.5	21.0	18.5	19.5	21.0
T1,T3	13.5	14.5	15.5	13.5	14.5	15.5
U1,U3	15.0	16.0	17.0	15.0	16.0	17.0
V1,V3	16.5	18.0	19.0	16.5	18.0	19.0
W1,W3	18.5	19.5	21.0	18.5	19.5	21.0
X1,X3	—	1.5	3.0	20.0	21.0	22.5
V4,V6*	—	1.5	3.0	—	1.5	3.0
W4,W6*	—	1.5	3.0	—	1.5	3.0
X4,X6*	—	1.5	3.0	—	1.5	3.0

* BULB GASKET PART NO. 028-03242

V4,V6*	17.5	17.5	17.5	17.5	17.5	17.5
W4,W6*	19.0	19.0	19.0	19.0	19.0	19.0
V4,V6*	21.0	21.0	21.0	21.0	21.0	21.0

*Coded Shells

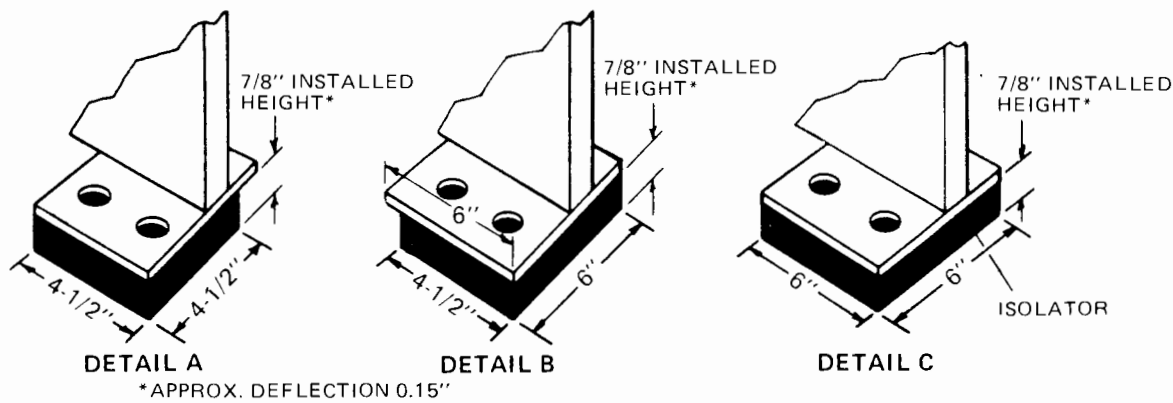
NOTE: Refer to the illustrations of shells on this page to determine whether the shells are NON-CODED or CODED.

STRAINER (STANDARD HEADS)

COOLER CODE	PASS	NOZZLE SIZE	PART NO.
A1, A2, B1, B2	1	8	029-12949
C1, C3, G1, G3	1	10	029-12950
D1, D3, H1, H3	1	12	029-12951
F1, F3, F1, F3, J1, J3, K1, K3	1	14	029-14727
A1, A2, B1, B2	2	6	029-12948
C1, C3, D1, D3	2	8	029-12949
E1, E3, F1, F3, J1, J3, K1, K3	2	10	029-12950
A1, A2	3	4	029-13286
B1, B2, C1, C3 D1, D3, G1, G3, H1, H3	3	6	029-12948
E1, E3, F1, F3, L1, L3	3	8	029-12949
L1, L3	3	10	029-12950
L1, L3	2	12	029-12951
K4, K6, K7 & K9	1	14	029-14727
L4 & L6	1	16	029-14811
K4, K6, K7 & K9	2	10	029-12950
L4 & L6	2	12	029-12951
K4, K6, K7 & K9	3	8	029-12949
L4 & L6	3	10	029-12950

STRAINER (MARINE WATER BOXES)

A1, A2, B1, B2	1	8	029-12949
C1, C3	1	10	029-12950
A1, A2, B1, B2	2	6	029-12948
C1, C3, D1, D3	2	8	029-12949
A1, A2	3	4	029-13286
B1, B2, C1, C3, D1	3	6	029-12948
G1, G3, H1, H3, J1, J3	1	10	029-12950
G1, G3, H1, H3	3	6	029-12948
J1, J3	3	8	029-12949
G1, G3, H1, H3	2	8	029-12949
J1, J3	2	10	029-12950



CODEPAK MODEL	CODEPAK OPERATING WEIGHT	ISOLATOR PART NO.
YT A1 A1 B1 THRU YT F3 S3 C3	4-1/2" x 4-1/2" up to 16,364 LBS See Detail A	028-10578
YT G1 G1 E1 THRU YT L6 X6 F2	6" x 4-1/2" up to 28,835 Lbs. See Detail B	028-10518
	6" x 6" - 28,836 to 53,530 Lbs. See Detail C	028-10519

FIG. 9 — STANDARD NEOPRENE VIBRATION ISOLATOR PAD MOUNTS FOR CODEPAK

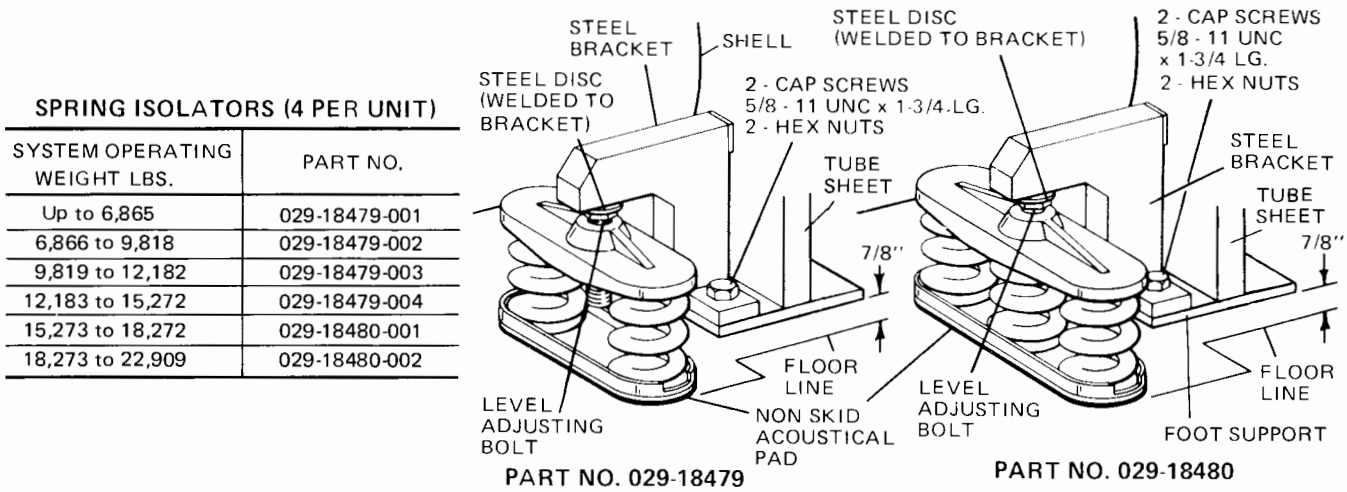


FIG. 10 — SPRING ISOLATORS FOR UPPER FLOOR INSTALLATIONS - MODELS YT A1 A1 B1 THRU F3 S3 E2.

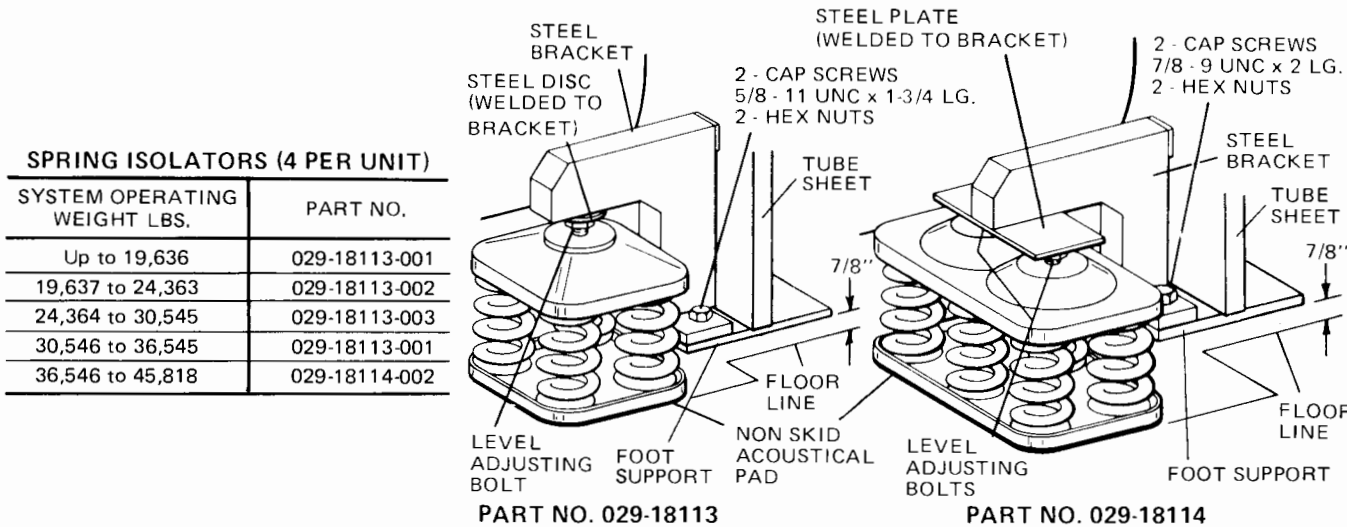


FIG. 11 — SPRING ISOLATORS FOR UPPER FLOOR INSTALLATIONS - MODELS YT G1 G1 E1 THRU L3 X3 E2

MISCELLANEOUS AND ACCESSORIES

COMPOUNDS AND INSULATION TAPE

DESCRIPTION	PART NO.	QUAN.
Compound, Heat Conductive (For Thermometer Wells)	4 Oz. Can	013-00898

TOUCH-UP PAINTS – SPRAY CANS

DESCRIPTION	PART NO.
Caribbean Blue Enamel	013-01835
Black (Control Center)	Purchase Locally

TEMPERATURE RECORDER

DESCRIPTION		PART NO.
HZ	NO OF PENS	
60	1	025-09658
	2	025-09823
50	1	025-12650
	2	025-12330

FLOW SWITCH CONTROL

DESCRIPTION	PART NO.
150 DWP	024-15793
300 DWP	024-12144

ACCESSORY CONTROL PARTS

KIT CONDENSER WATER SENSORS	375-00339
CARD FILE (REMOTE AND TEMPERATURE SET POINT)	031-00827
CARDS (REMOTE CURRENT AND TEMPERATURE SET POINT)	031-00814
CONTROL PRINTER INTERFACE	031-00910

