

# MILLENNIUM ™ CENTRIFUGAL LIQUID CHILLERS

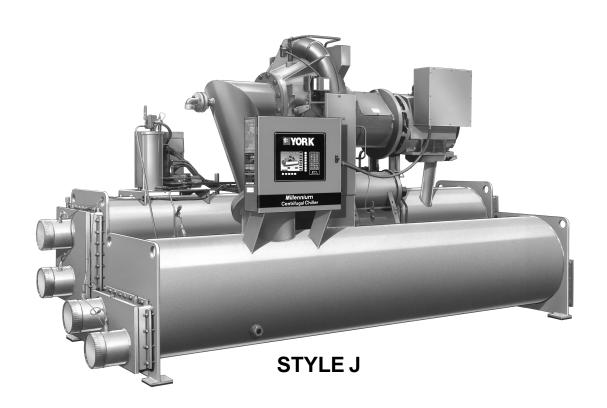
**RENEWAL PARTS** 

Supersedes: 160.48-RP5(LS2)(800)

Form 160.48-RP6 (501)

# UNIT COMPONENTS MODEL YT STYLE J

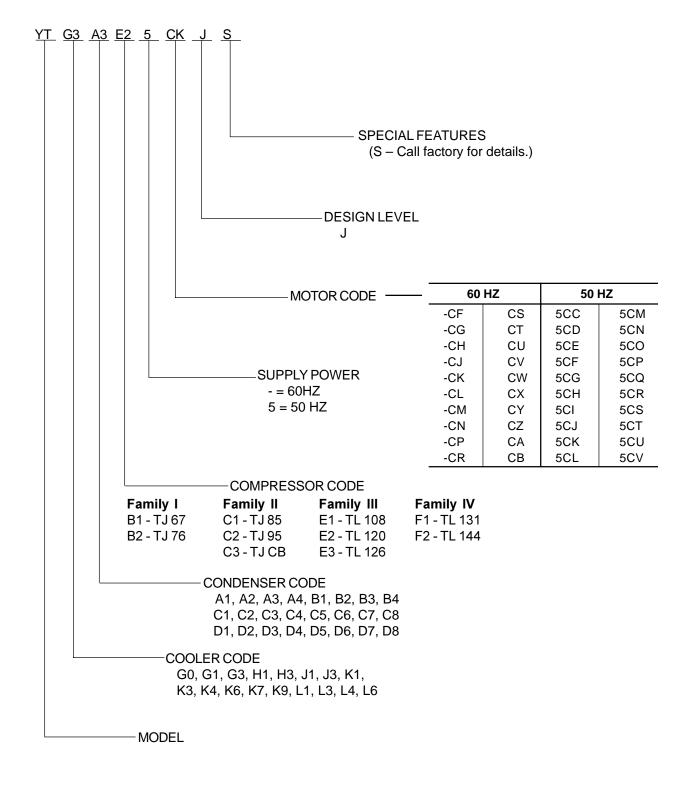
NOTE: Inserted Literature Supplement - YT Style "J" Chillers New Style Oil Filter/"O"-Ring



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#### **NOMENCLATURE**



#### YT STYLE "J" RELATED COMPRESSORS

FAMILY	MODEL	PARTS LIST
I	B1 – YDTJ 67 B2 – YDTJ 76	160.45-RP2.2 (994) 160.45-RP2.2 (994)
II	C1 – YDTJ 85 C2 – YDTJ 95 C3 – YDRJ CB	160.45-RP2.2 (994) 160.45-RP2.2 (994) 160.45-RP2.2 (994)
III	E1 – YDTL 108 E2 – YDTL 120 E3 – YDRL 126	160.48-RP1 (297) STYLE F 160.48-RP1 (297) STYLE F 160.48-RP1 (297) STYLE F
IV	F1 – YDTL 131 F2 – YDTL 144	160.48-RP2 (297) STYLE F 160.48-RP2 (297) STYLE F

ITEM NUMBER	DESCRIPTION	PART NUMBER	QUANTITY PER UNIT	REFERENCE FIGURE
1	Oil Cooler	026-36768-000	1	3, 4, 5, 6
2	Valve, Thermostatic Control	022-09569-000	1	4, 6
3	Valve, Ball – 3/4"	022-08738-000	3	4, 10, 17, 18
4	Valve, Stop, Angle – 1/2"	022-09554-000	1	4, 6, 10
5	Valve, Stop, Angle – 1/2"	022-09195-000	1	5, 7, 10
6	Dehydrator, Filter Drier (Oil Eductor)	026-32841-000	1	7
7	Eductor, Oil Return	026-36775-000	2	7, 9
8	Valve, Stop, Angle – 1/4"	022-03836-000	4	5, 13, 14, 15, 19
9	Valve, Stop, Angle – 1/2"	022-03834-000	2	13, 14, 19
10	Valve, Ball – 3/4"	022-08761-000	2	14, 16, 10
11	Cannister, Oil Filter, with Element (11A)	026-31684-001*	1	7, 8
11A	Filter Element (Used with Item 11)	026-35961-000**	1	7, 8
12	Valve, Solenoid (Equalizing Line)	Note 1	1	1
12A	Suppressor (Used with Item 12)	031-00808-000	1	2
13	Starter, Oil Pump, 12 Amp, 3 Pole (1M)	024-27247-001	1	22
13A	Suppressor (Used with Item 13)	031-00808-000	1	22
14	Transducer, Purge (PP)	025-29148-008	1	20
15	Transducer, Condenser (CP)	025-29148-019	1	7
16	Transducer, Cooler (LEP)	025-29148-102	1	3
17A	RT1, Thermistor, Leaving Chilled Water	025-29964-000	1	1
17B	RT9, Thermistor, Entering Chilled Water	025-29964-000	1	1
17C	RT4, Thermistor, Entering Condenser Wate		1	1
17 D	RT5, Thermistor, Leaving Consenser Water		1	'1
18	Bulb Well	026-32328-000	4	1
19	Varistor, Metal Oxide (Used in PRV)	366-87030-000	2	2
20	High Pressure Cutout (HP)	225-14385-002	1	22
21	Purge Module	Note 2	1	20
22	Rupture Disk, 2-1/2"	026-09353-000	1	11
22A	Rupture Disk 3"	026-27788-000	'	''
23	Gasket, Rupture Disk	075-02357-000	2	11
23	4" O.D. x 2 5/8" I.D. x 1/16"	073-02337-000	2	''
224		075 00059 000		
23A	Gasket, Rupture Disk	075-02358-000		
24	5 3/8" O.D. x 3 1/2" I.D. x 1/8"		4	0 11
24	Gasket, Discharge Connection B1, B2 Compressor	075-02350-000	1	8, 11
	· ·			
	C1, C2, C3 Compressor	075-02352-000		
	E1, E2, E3 Compressor	075-02351-000		
	F1, F2 Compressor	075-02355-000		44
25	Gasket, Suction Connection	075 00054 000	2	11
	B1,B2 Compressor	075-02351-000		
	C1,C2 Compressor	075-02353-000		
	C3 Compressor	075-03294-000		
	E1, E2, E3 Compressor	075-02354-000		
	F1, F2 Compressor	075-02356-000		
26	Gasket, Liquid Line	075-21342-000	2	16
27	Sight Glass, Cooler – 2"	023-17197-000	1 <sup>3</sup>	13
28	Tube, Steel, 3/4" O.D. x .065	003-01786-000	8 Ft.	3, 4, 5, 6
29	Seal, O-Ring	028-12961-001	10	3, 7, 8, 9
30	Valve, Stop, Angle, Vertical	022-09577-000	2	3, 7

ITEM NUMBER	DESCRIPTION	PART NUMBER	QUANTITY PER UNIT	REFERENCE FIGURE
30	Valve, Stop, Angle, Vertical	022-09577-000	2	3, 7
31	Manifold Block	029-22793-000	2	3, 7
32	Connector, Union, 7/16"-20, U.N.F2A	023-19072-000	2	3, 7
33	Plug, Pipe	023-01972-000	1	3
34	Plug, Hex Head, 7/16"	023-18279-000	2	3
35	Tube, Steel, Bend, 1 1/2" O.D.	075-32483-000	1	3, 5, 6
36	Tube, Formed	075-21085-000	1	3, 5, 6
37	Nut, Flare, Hydraulic, 1" O.D.	023-16935-000	1	4
38	Sleeve, Flare, Hydraulic, 1" O.D.	023-16934-000	1	4
39	Tube, Steel, 3/4" O.D. x.065	003-03515-000	5 Ft.	4
40	Elbow, Flare, Hydraulic, 1" O.D.	023-12976-000	1	4
41	Nipple, Pipe, 3/4", Sch 80	023-14663-000	2	4
42	Elbow, Scr., 3/4" N.P.T.	023-04313-000	1	4
43	Elbow, Flare, Hydraulic, 3/4" O.D.	023-10700-000	2	4, 8
44	Connector, Flare, Hydraulic, 3/4" O.D.	023-11363-000	1	4
45	Elbow, 3/4" O.D., Tube, 90°, Male	023-11303-000	1	4, 6
46	Nut, 3/4" O.D., Tube	023-18286-000	7	4, 5, 6, 16
47	Sleeve, 3/4" O.D., Tube	023-18284-000	7	4, 5, 6, 16
48	Seal, O-Ring, Neoprene	028-12961-015	7	4, 5, 6
49	Seal, O-Ring, Neoprene	028-12961-016	3	4, 5, 6
50 51	Tee, 3/4" O.D., Tube, Male	023-18293-000	1	4, 6
	Tube, with T-Drill	075-32482-000	1	4, 6
52	Elbow, 90°, Solder Jt., 1 1/2"	023-19070-000	1	5 5
53	Nut, 1 1/2" O.D., Tube	023-19073-000	1	5
54	Sleeve, 1 1/2" O.D., Tube	023-19074-000	1	
55	Seal, O-Ring, Neoprene	028-12961-019	1	5
56	Elbow, 90°, Solder Jt., 3/4" O.D.	023-19068-000	1	5
57	Bracket, Oil Cooler	075-32485-000	1	5, 6
58	Screw, Cap, Hex, 3/8"-16 U.N.C.	021-01481-000	2	5
59	Nut, Hex, 3/8"-16 U.N.C2B	021-00466-000	2	5
60	Lock Washer, Internal, 3/8"	021-01155-000	2	5
61	Connector, 3/4" Tube, Male	023-18290-000	1	6
62	Tube, Bend, Orifice Bypass, 3/4"	075-33652-000	1	16
63	Valve, Stop, Angle	022-10024-000	1	7, 8
64	Valve, Stop, Angle, Vertical	022-09708-000	1	7
65	Nut, 1/2" O.D., Tube	023-18984-000	2	7, 8
66	Sleeve, 1/2" O.D., Tube	023-19089-000	2	7, 8
67	Seal, O-Ring, Neoprene	028-12961-013	2	7, 8
68	Nut, 1/4" O.D., Tube	023-19075-000	2	7, 8
69	Sleeve, 1/4" O.D., Tube	023-19088-000	2	7, 8
70	Seal, O-Ring, Neoprene	028-12961-011	2	7, 8
71	Tube, Formed with T-Drill	026-36775-000	1	7
72	Seal, Teflon Fiber, 3/4" O.D.	028-12709-000	2	7, 14, 19
73	Gasket, 3 3/8" O.D. x 2 1/2" I.D.	075-02359-000	1	12
74	Elbow, Screw, Street, 1/4"-18	023-01684-000	1	17
75	Valve, Stop, Angle, Horizontal	022-09792-000	1	14, 19
76	Connector, 3/4" O.D., Tube, Male	023-18289-000	2	16
77	Seal, O-Ring, Neoprene	028-12961-015	2	16
78	Seal, O-Ring, Neoprene	028-12961-009	3	13

ITEM NUMBER	DESCRIPTION	PART NUMBER	QUANTITY PER UNIT	REFERENCE FIGURE
79	Valve, Stop, Angle, 3/4" N.P.T.E.	022-03850-000	2	8
80	Elbow, Street	023-01684-000	1	8
81	Tube, Oil, Inlet	064-47886-000	1	8
82	Tee, Scr., 3/4" N.P.T.I. x 3/4"	023-11331-000	1	8
83	Bushing, Pipe, 3/4" - 14 N.P.T.E.	023-04039-000	1	8
84	Transducer, Pressure, High Oil	025-29148-004	1	8
85	Transducer, Pressure, Low Oil	025-29148-003	1	1
86	Valve, Stop, 1/4", Angle	022-03836-000	1	8
87	Hose, Rubber, Black, 3/4" I.D., 150 psi	028-11958-000	17 Ft.⁵	17, 18
87A	Hose, Rubber, Black, 3/4" I.D., 300 psi	028-11959-000	17 Ft.⁵	17, 18
88	Clamp, Hose, 150 psi	023-08856-000	4	17, 18
88A	Clamp, Hose, 300 psi	023-08855-000	4	17, 18
89	Adapter, Combination, 3/4", 150 psi	023-15851-000	4	17, 18
89A	Adapter, Stem, Male, 300 psi	023-15852-000	4	17, 18
90	Heat Exchanger	026-36596-000	1	17
91	Coolant Pump, 50/60 Hz	026-32813-000	1	17
92	Coolant Header	371-02561-513	1	18
93	Nipple, Pipe, 3/4", Sch. 40X	023-15860-000	1	18
94	Elbow, Screw, Street, 3/4" NPTI	023-16236-000	2	18

#### NOTES:

\*Use gasket kit 028-08312-005

1. See Appropriate Compressor Renewal Parts Manual

\*\*10 Micron

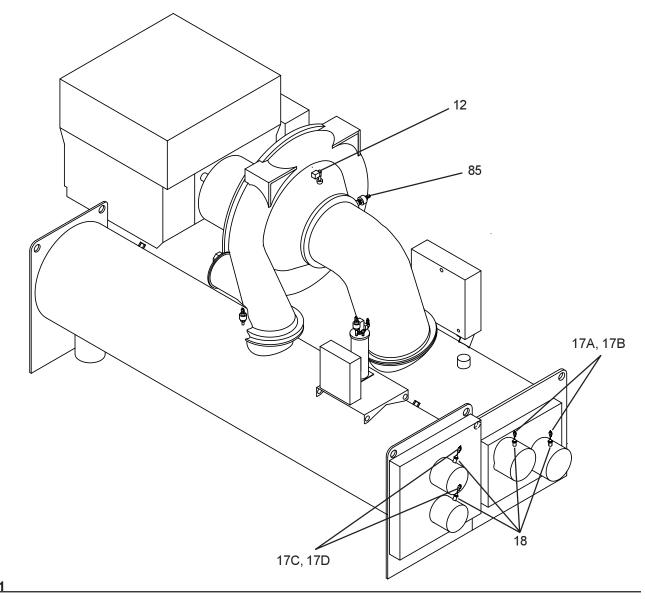
- 2. See This Listing (Items 13, 13A, 14 & 20) and Page 18 for Component Part Numbers
- 3. Quantity of two (2) Sightglasses Required with the following Compressor and Cooler Combinations:

 Compressor
 Cooler

 E
 J,K,L

 F
 K

- 4. Refer to York Form 160.00-RP3 for Solid State Starter items not listed herein.
- 5. 50 ft. Roll





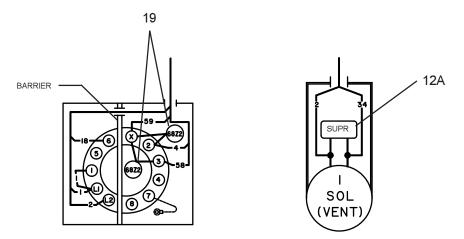


FIG. 2

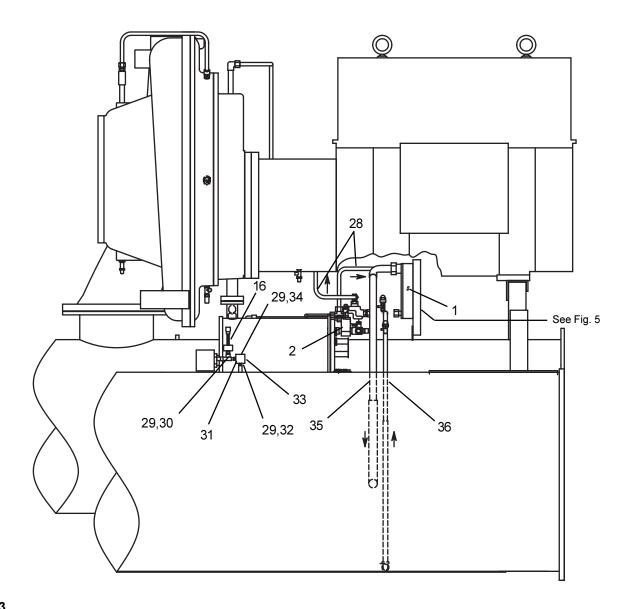


FIG. 3

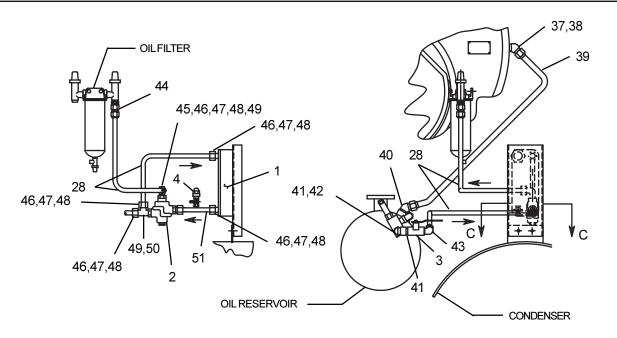


FIG. 4 - Oil Lines

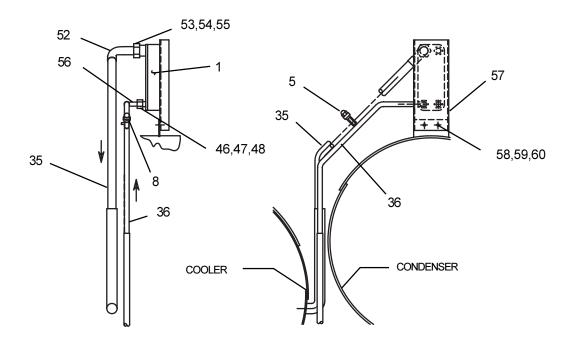


FIG. 5 - Refrigeration Lines

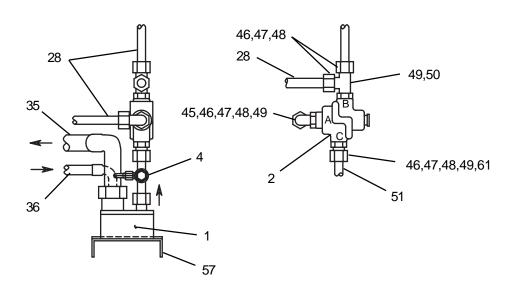


FIG. 6 - Section C - C of Figure 4

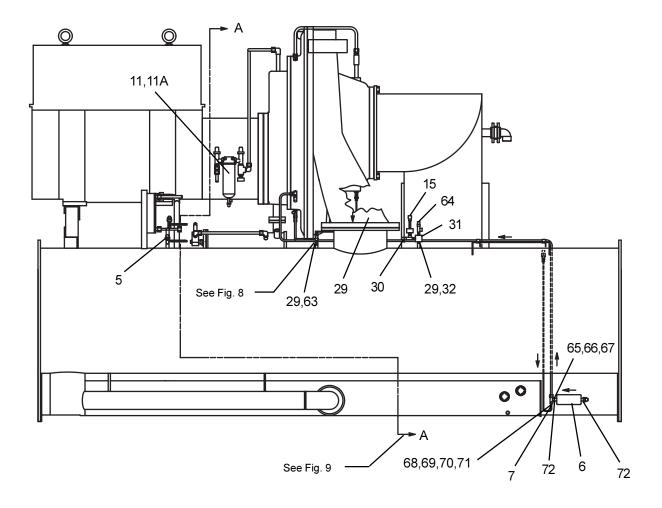


FIG. 7

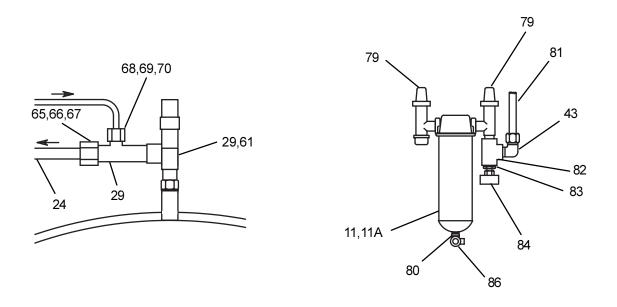


FIG. 8

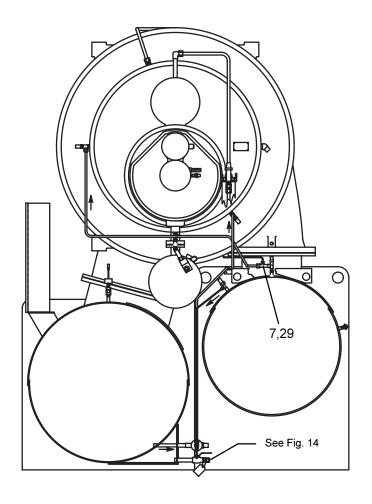


FIG. 9 - Section A - A

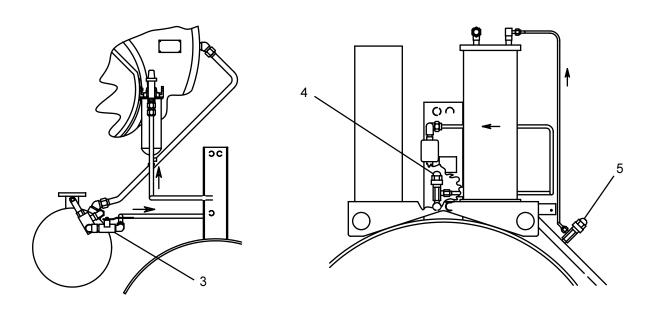
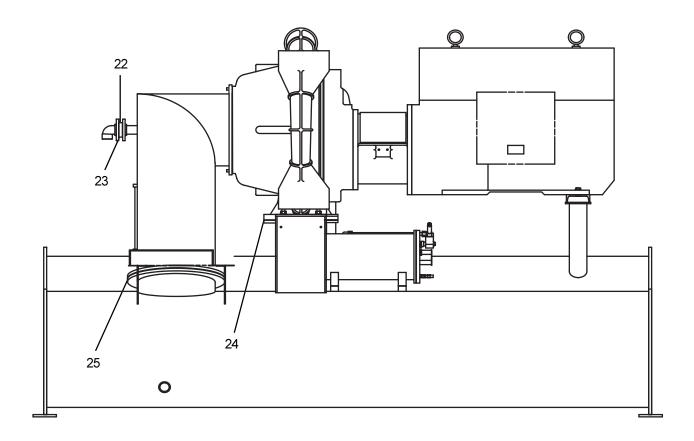


FIG. 10



#### FIG. 11

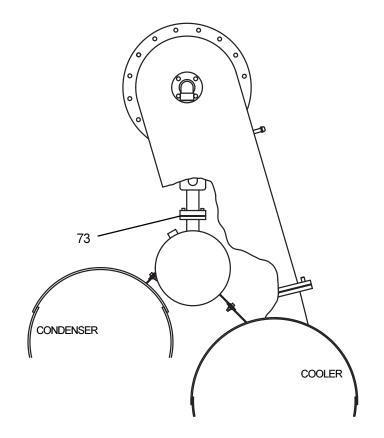


FIG. 12

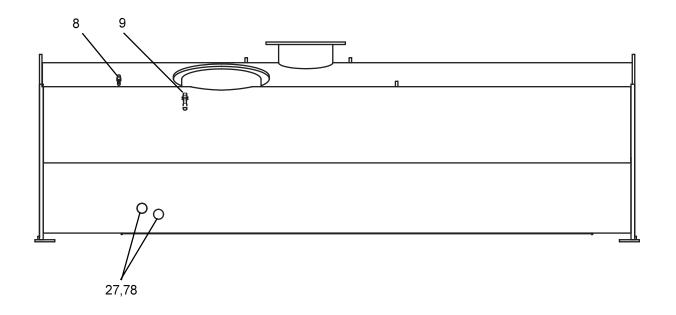


FIG. 13

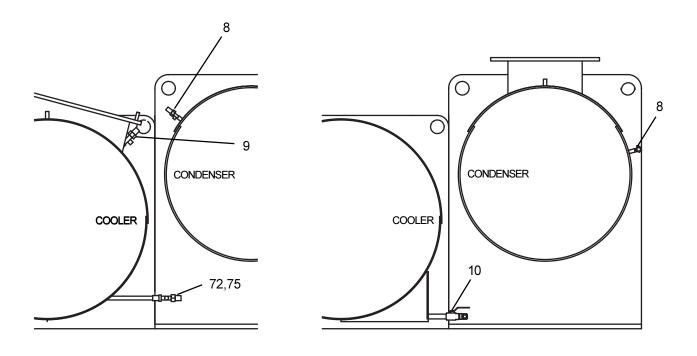


FIG. 14

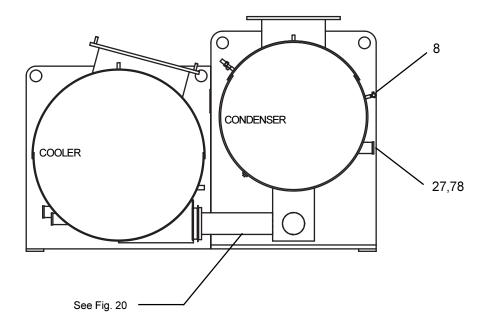


FIG. 15

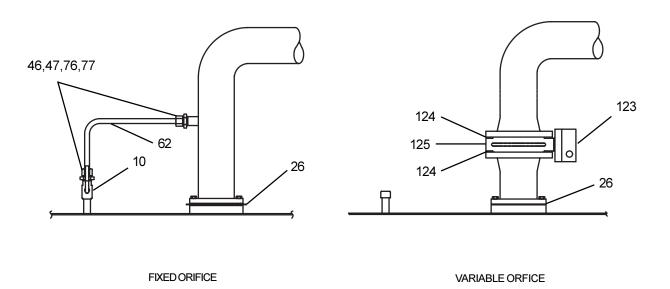


FIG. 16

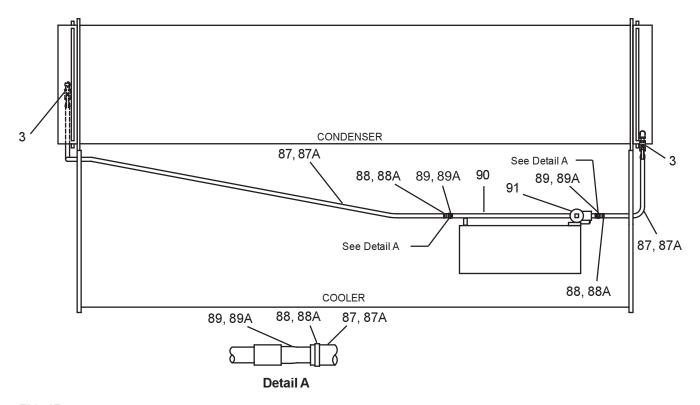


FIG. 17

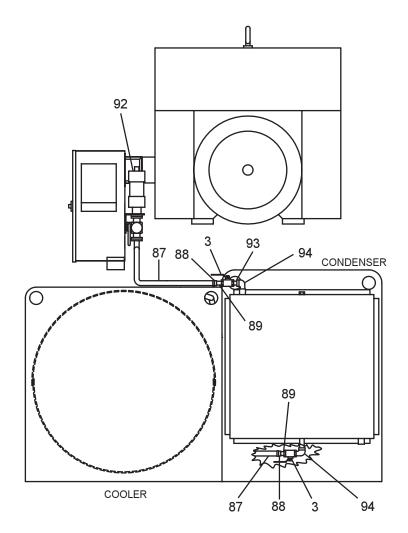
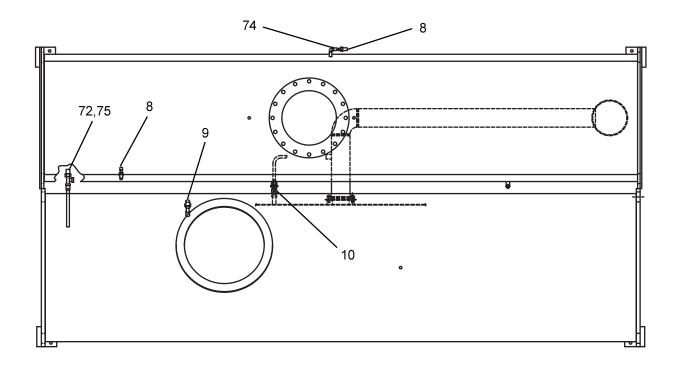


FIG. 18



#### FIG. 19

#### **ORIFICE PLATE DATA**

PART NUMBER	ORIFICE DIAMETER (inches)	CODE
075-26380-007	7/8	7
075-26380-008	1	8
075-26380-009	1 1/8	9
075-26380-010	1 1/4	10
075-26380-011	1 3/8	11
075-26380-012	1 1/2	12
075-26380-013	1 5/8	13
075-26380-014	1 3/4	14
075-26380-015	1 7/8	15
075-26380-016	2	16
075-26380-017	2 1/8	17
075-26380-018	2 1/4	18
075-26380-019	2 3/8	19
075-26380-020	2 1/2	20

ITEM NUMBER	DESCRIPTION	PART NO.	QUAN PER UNIT	REF FIGURE
95	Turboguard Purge Unit Core Assembly (Note 1) (Includes Asterisked Items – 88 through 94)	375-21362-000	1	20, 21
96*	Switch, Float	024-27248-000	1	21
97*	Valve, Solenoid, 1/4" SAE (3 SOL – Air)	025-29998-000	1	20, 21
98*	Box, Conduit	025-01145-000	1	20, 21
99*	Cover, Conduit Box	025-01732-000	1	20, 21
100*	Dehydrator, Filter Drier	026-14777-007	1	20, 21
101*	Outlet Connection, Foul Gas	366-91355-000	1	20, 21
102*	Valve, Check, 1/4" Flare x 1/4" Flare	022-03902-000	1	20, 21
103	Valve, Check, 1/4" Flare x 1/4" Flare	022-03902-000	1	20
104	Half-Union, 1/4" NPT x 1/4" Flare	023-00927-000	1	20
105	Strainer, 3/8 Male	029-21710-000	1	20
106	Valve, Solenoid, 3-Way, 1/4" NPTI (2SOL – Oil Supply, 4 SOL – Oil Return)	025-16988-000	2	20
107	Connector, Swivel, 1/2" Int. Flare	023-05189-000	1	20
108	Orifice, Liquid Line	066-82377-000	1	20
109	Connector, Union 1/4" Int. Flare	023-09040-000	1	20
110	Isolator, 1-1/4" Dia x 3/4" Lg.	028-08972-000	4	20
111	Purge Tank High Pressure Cutout (PTHP)	225-30406-001	1	20, 22
112	Suppressor (Used with Items 97, 106, and 113)	031-00808-000	4	22
113	Pump, Oil	026-32369-000	1	20
114	Nipple, 1/2"	025-05806-000	1	21
115	Nut, Lock, 1/2"	025-05701-000	3	21
116	Tube, Bent, 1/4" O.D.	375-10633-000	1	21
117	Connector, 1/4", External, Flare x 1/8"	023-00913-000	1	21
118	Elbow, 1/2" External, Flare, x 1/2"	023-02754-000	1	21
119	Union, 1/2", Internal, Flare	023-02769-000	1	21
120	Gasket, Flare, 1/4" O.D., Tube	028-01259-000	1	21
121	Bonnet, 1/4", Seal, Flare	075-09341-000	1	21
122	Nut, Flare, Short, Forged	021-05661-000	1	21
123	Motor, Actuator	Note 2	1	16
124	O-Ring	Note 2	1	16
125	Valve, Butterfly	Note 2	1	16
126	O-Ring	028-12961-008	1	21

#### NOTES:

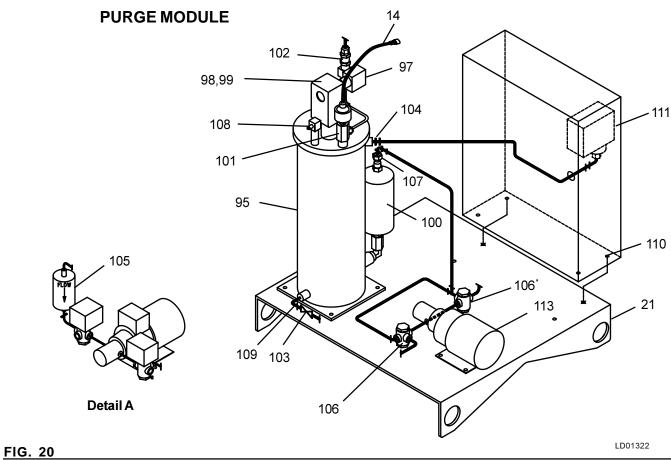
#### HIGH PRESSURE PURGE PUMP (ITEM 113) SERVICE PARTS

Oil Pump with motor	026-32369-000
Motor only	024-26507-000
Pump Head	026-32811-000
Service Pack**	026-32812-000

<sup>\*\*</sup>Includes: 2 gears, 3" O-rings, 5 Bearings, Silicone grease, Sandpaper, and Instructions.

<sup>1.</sup> If it is necessary to replace the shell, order this core assembly which, in addition to asterisked items, includes coil (internal), insulation and all piping, tubing and fittings required to provide the complete assembly pictured in Fig. 21.

<sup>2.</sup> See Variable Orifice Valve table on Page 28 for part numbers.



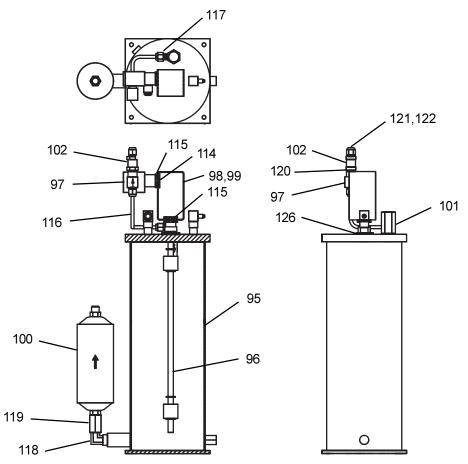
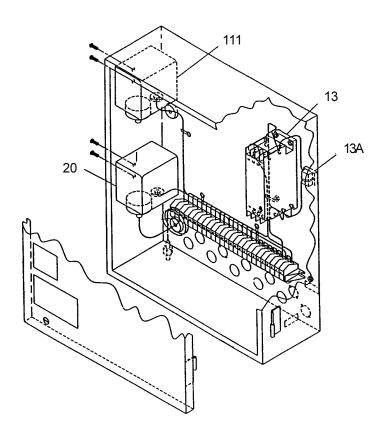
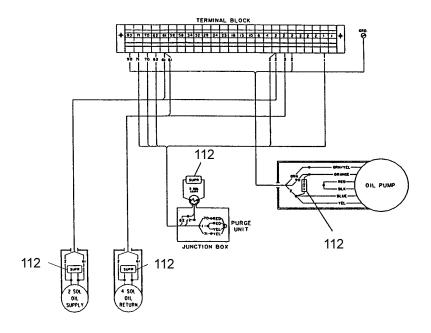


FIG. 21





LD01323A

FIG. 22

#### **OIL PUMP STARTER OVERLOAD ELEMENTS**

OIL PUMP VOLTAGE	PART NUMBER (Inclu	des Quantity of 3 Elements)
OIL FOMP VOLTAGE	B, C, & E COMPRESSORS	FCOMPRESSORS
200, 208, 220, 230, 240-3-60	024-27251-000	024-27250-000
380, 416, 440, 460, 480-3-60	024-27252-000	024-27252-000
550-3-60	024-27253-000	024-27252-000
575-3-50	024-27254-000	024-27252-000
600-3-60	024-27254-000	024-27253-000
220-3-50	024-27250-000	024-27250-000
346, 380, 400, 415, 440-3-50	024-27252-000	024-27252-000

#### KIT CURRENT TRANSFORMER

#### (Field installed electro-mechanical starters only)

			PART NUMBER	
MOTOR VOLTAGE	FLA	"CT" RATIO	USE WITH FACTORY-MOUNTED MOTORS ONLY	USE WITH FIELD-MOUNTED MOTORS ONLY
	65-111	200:1	366-82718-001	366-82720-001
000/000	112-224	350:1	366-82718-002	366-82720-002
200/600	225-829	700:1	366-82718-003	366-82720-003
	830-1790	1400:1	366-82718-004	366-82720-004
	11-18	200:1	366-82718-005	366-82720-001
2200/4160	19-37	200:1	366-82718-005	366-82720-001
2300/4160	38-123	200:1	366-82718-005	366-82720-001
	124-264	350:1	366-82718-006	366-82720-002

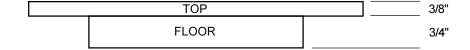
#### TRANSFORMER ONLY

"CT" RATIO	PART NUMBER
200:1	025-21173-001
350:1	025-21173-002
700:1	025-21173-003
1400:1	025-21173-004
	1

# STRAINER, INLET CHILLED WATER (Compact Heads and Marine Water Boxes)

COOLER	5100	NOZZLE	PART N	UMBER
SHELL CODE	PASS	SIZE	COMPACT WATER BOX	MARINE WATER BOX
	1	10	029-12950-000	029-12950-000
G	2	8	029-12949-000	029-12949-000
	3	6	029-12948-000	029-12948-000
	1	12	029-12951-000	029-12951-000
Н	2	8	029-12949-000	029-12949-000
	3	6	029-12948-000	029-12948-000
	1	14	029-14727-000	_
	'	12	_	029-12951-000
J	2	10	029-12950-000	029-12950-000
	3	8	029-12949-000	029-12949-000
		14	029-14727-000	_
K	1	12	_	029-12951-000
N	2	10	029-12950-000	029-12950-000
	3	8	029-12949-000	029-12949-000
	1	16	029-14811-000	_
1	'	12	029-12951-000	029-12951-000
L	2	12	029-12951-000	029-12951-000
	3	10	029-12950-000	029-12950-000

#### **NEOPRENE ISOLATOR PAD ASSEMBLY**



#### **NEOPRENE VIBRATION ISOLATORS**

SYSTEM OPE	SYSTEM OPERATING WEIGHT		PAD SIZE	
KILOGRAMS	POUNDS	Includes Quantity of 4 Pads	PAD SIZE	
Up to 6108	Up to 16365	028-14462-000	5-1/2" x 5-1/2"	
6109 to 10762	16366 to 28835	028-14459-000	7" x 5 1/2"	
10763 to 19980	28836 to 53530	028-14460-000	9" x 7"	

#### **SPRING ISOLATORS**

SYSTEMOF	PERATING WEIGHT	PART NUMBER		
KILOGRAMS	POUNDS	Includes Brackets and Bolting	QUANTITY	
4795 to 5885	12848 to 15768	029-18113-004	4	
5886 to 7329	15769 to 19636	029-18113-001	4	
7330 to 9093	19637 to 24363	029-18113-002	4	
9094 to 11401	24364 to 30545	029-18113-003	4	
11402 to 13640	30546 to 36545	029-18114-001	4	
13641 to 17101	36546 to 45818	029-18114-002	4	
17102 to 21602	45819 to 57876	029-18114-003	4	

#### **WATER BOX GASKETS**

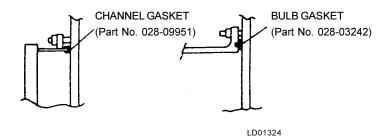


FIG. 23

#### **COOLER WITH STANDARD COMPACT WATER BOXES**

	1 PASS		2 PA	SS	3 PASS	
SHELL CODE	GASKET PART NO.	FEET REQ'D	GASKET PART NO.	FEET REQ'D	GASKET PART NO.	FEET REQ'D
G0, G1, G3	028-09951	15.5	028-09951	18.0	028-09951	20.5
H1, H3	028-09951	16.5	028-09951	19.5	028-09951	22.0
J1, J3	028-09951	18.5	028-09951	22.0	028-09951	24.5
K1, K3, K4	028-03242	21.0	028-03242	21.0	028-03242	21.0
K6, K7, K9	020-03242	21.0	028-09951	4.0	028-09951	7.0
11121416	1, L3, L4, L6 028-03242	000 000 40	028-03242	22.0	028-03242	22.0
L I, L3, L4, L0		22.0	028-09951	4.0	028-09951	7.0

#### **COOLER WITH MARINE WATER BOXES**

1 P		SS	2 PAS	s	3 PASS	
SHELL CODE	GASKET PART NO.	FEET REQ'D	GASKET PART NO.	FEET REQ'D	GASKET PART NO.	FEET REQ'D
G0, G1, G3	028-03242	32.0	028-03242 028-09951	16.0 13.0	028-03242 028-09951	32.0 10.0
H1, H3	028-03242	34.0	028-03242 028-09951	17.0 14.75	028-03242 028-09951	34.0 11.5
J1, J3	028-03242	38.0	028-03242 028-09951	19.0 17.0	028-03242 028-09951	38.0 13.0
K1, K3, K4 K6, K7, K9	028-03242	41.0	028-03242 028-09951	31.0 8.0	028-09951 028-03242	41.0 14.0
L1, L3, L4, L6	028-03242	43.0	028-03242 028-09951	33.0 8.0	028-03242 028-09951	43.0 14.0

#### WATER BOX GASKETS (Cont'd)

## CONDENSER WITH STANDARD COMPACT WATER BOXES

# CONDENSER WITH MARINE WATER BOXES

SHELL	1 PA	SS	2 PASS		
CODE	GASKET PART NO.	FT. REQ'D	GASKET PART NO.	FT. REQ'D	
A1,A2 A3,A4	028-09951	18.0	028-09951	20.25	
B1, B2	028-09951	21.5	028-09951	24.25	
B3, B4					
C1, C2					
C3, C4	028-09951	21.5	028-09951	24.25	
C5, C6	028-09931	21.5	020-09931	24.23	
C7, C8					
D1, D2					
D3, D4	028-09951	25.0	028-09951	28.25	
D5, D6	020-09951	25.0	020-09951	20.23	
D7, D8					

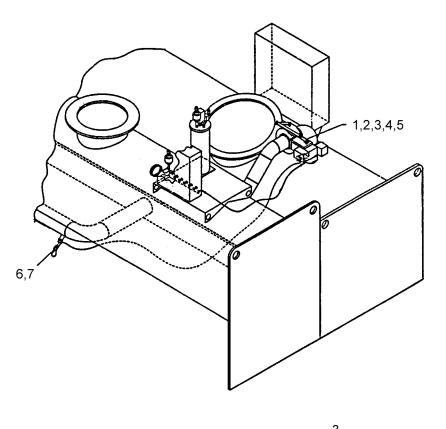
SHELL	1 PASS		2 PASS	
CODE	GASKET PART NO.	FT. REQ'D	GASKET PART NO.	FT. REQ'D
A1,A2	028-03242	36.5	028-03242	18.25
A3, A4	020-032-42	30.5	028-09951	13.25
B1, B2	028-03242	43.5	028-03242	21.75
B3, B4	020-032-42	7.5	028-09951	15.75
C1, C2				
C3, C4	028-03242	43.5	028-03242	21.75
C5, C6	020-032-42	40.0	028-09951	15.75
C7, C8				
D1, D2				
D3, D4	028-03242	50.75	028-03242	25.375
D5, D6	020-03242	30.73	028-09951	18.375
D7, D8				

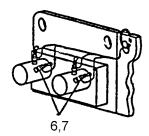
#### **COOLER TUBES**

				TUBE TY	PES		
		STANDARD			OPTIONS		
SHELL	TUBE		Turbo B II		Turbo Chil	Terr	Ein
CODE	QUANTITY		Turbo B II		CuNi 90/10	Tru-Fin	
				WALL THIC	KNESS		
		.025	.028	.035	.035	.028	.035
				PART NUM	IBERS		
G0	200	007-08095	007-08216	007-08258	007-06731	007-08246	007-07695
G1	232	007-08095	007-08216	007-08258	007-06731	007-08246	007-07695
G3	296	007-08095	007-08216	007-08258	007-06731	007-08246	007-07695
H1	321	007-08095	007-08216	007-08258	007-06731	007-08246	007-07695
Н3	377	007-08095	007-08216	007-08258	007-06731	007-08246	007-07695
J1	410	007-08095	007-08216	007-08258	007-06731	007-08246	007-07695
J3	484	007-08095	007-08216	007-08258	007-06731	007-08246	007-07695
K1	524	007-08095	007-08216	007-08258	007-06731	007-08246	007-07695
K3	618	007-08095	007-08216	007-08258	007-06731	007-08246	007-07695
K4	413	007-08402	007-08248	007-08229	007-07798	007-08486	007-08487
K6	484	007-08402	007-08248	007-08229	007-07798	007-08486	007-08487
K7	524	007-08402	007-08248	007-08229	007-07798	007-08486	007-08487
K9	618	007-08402	007-08248	007-08229	007-07798	007-08486	007-08487
L1	670	007-08095	007-08216	007-08258	007-06731	007-08246	007-07695
L3	785	007-08095	007-08216	007-08258	007-06731	007-08246	007-07695
L4	670	007-08402	007-08248	007-08229	007-07798	007-08486	007-08487
L6	785	007-08402	007-08248	007-08229	007-07798	007-08486	007-08487

#### **CONDENSER TUBES**

			<u>_</u>	ONDENSER	TUBE TYPE			
		STANDARD			OPTION			
SHELL	TUBE	OTANDAND	Turbo C II					
CODE	QUAN			14150 0 11	SMOOTH BO	DRF	Turbo C CuNi 90	
JOBE	QO/			V	ALL THICKNES		outil 00	
		.025	.028	.035	.028	.035	.028	.035
					PART NUMBERS			
A1	236	007-08458	007-08488	007-08489	007-08492	007-08493	007-08490	007-08491
A2	269	007-08458	007-08488	007-08489	007-08492	007-08493	007-08490	007-08491
A3	308	007-08458	007-08488	007-08489	007-08492	007-08493	007-08490	007-08491
A4	353	007-08458	007-08488	007-08489	007-08492	007-08493	007-08490	007-08491
B1	406	007-08458	007-08488	007-08489	007-08492	007-08493	007-08490	007-08491
В2	452	007-08458	007-08488	007-08489	007-08492	007-08493	007-08490	007-08491
В3	504	007-08458	007-08488	007-08489	007-08492	007-08493	007-08490	007-08491
B4	563	007-08458	007-08488	007-08489	007-08492	007-08493	007-08490	007-08491
C1	434	007-08458	007-08488	007-08489	007-08492	007-08493	007-08490	007-08491
C2	480	007-08458	007-08488	007-08489	007-08492	007-08493	007-08490	007-08491
C3	532	007-08458	007-08488	007-08489	007-08492	007-08493	007-08490	007-08491
C4	591	007-08458	007-08488	007-08489	007-08492	007-08493	007-08490	007-08491
C5	434	007-08459	007-08494	007-08495	007-08498	007-08499	007-08496	007-08497
C6	480	007-08459	007-08494	007-08495	007-08498	007-08499	007-08496	007-08497
C7	532	007-08459	007-08494	007-08495	007-08498	007-08499	007-08496	007-08497
C8	591	007-08459	007-08494	007-08495	007-08498	007-08499	007-08496	007-08497
D1	657	007-08458	007-08488	007-08489	007-08492	007-08493	007-08490	007-08491
D2	731	007-08458	007-08488	007-08489	007-08492	007-08493	007-08490	007-08491
D3	814	007-08458	007-08488	007-08489	007-08492	007-08493	007-08490	007-08491
D4	908	007-08458	007-08488	007-08489	007-08492	007-08493	007-08490	007-08491
D5	657	007-08459	007-08494	007-08495	007-08498	007-08499	007-08496	007-08497
D6	731	007-08459	007-08494	007-08495	007-08498	007-08499	007-08496	007-08497
D7	814	007-08459	007-08494	007-08495	007-08498	007-08499	007-08496	007-08497
D8	908	007-08459	007-08494	007-08495	007-08498	007-08499	007-08496	007-08497





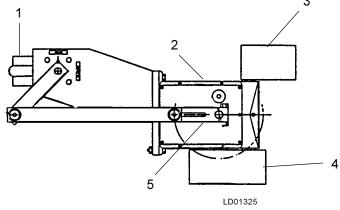


FIG. 24

#### **HOT GAS BYPASS CONTROL**

ITEM	COMPRESSOR	DESCRIPTION	SIZE	PART NUMBER	QUANTITY
1	В	Valve, Butterfly	2"	022-05739-000	1
	С		3"	022-05743-000	1
	E,F		4"	022-05745-000	1
2	ALL	Motor, Actuator		025-17521-000	1
3	ALL	Control, Actuator Motor		025-20799-000	1
4	ALL	Control, Hot Gas Bypass		031-00239-000	1
5	ALL	Crank Arm		025-17073-000	1
6	ALL	Sensor		025-29964-000	3
7	ALL	Thermo Well	Thermo Well		3

#### **MULTIPLE UNIT SEQUENCE KIT CONTROLS**

#### **TWO UNITS**

ITEM	DESCRIPTION	QUANTITY	PART NUMBER
1 <sup>1</sup>	Controller, RWT	1	025-15154-000
2	Relay, Time Delay	1	024-13711-000
3	Switch, Toggle	1	024-14057-000

Note: 1 Not Shown. Remote Mounted.

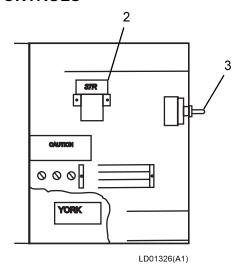


FIG. 25

#### **THREE UNITS**

ITEM	DESCRIPTION	QUANTITY	PART NUMBER
1	Controller, RWT	1	025-10215-000
2	Relay, Time Delay	2	024-13711-000
3	Relay, Control	3	024-27246-000
4	Relay, Control	2	024-14519-000
5	Switch, Toggle	1	024-11736-000
6	Switch, Toggle	1	024-17026-000

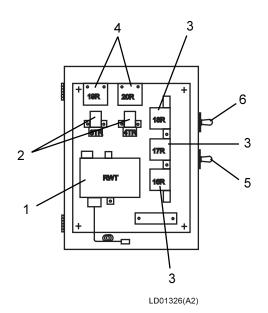


FIG. 26

#### **FOUR UNITS**

ITEM	DESCRIPTION	QUANTITY	PART NUMBER
1	Controller, RWT	1	025-10214-000
2	Relay, Time Delay	3	024-13711-000
3	Relay, Control	3	024-27246-000
4	Relay, Control	8	024-14519-000
5	Switch, Toggle	1	024-11736-000
6	Switch, Rotary	1	024-20494-000

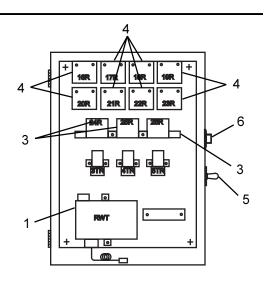


FIG. 27

LD01326(A3)

27

#### MISCELLANEOUS AND ACCESSORIES

#### **COMPOUND**

DESCRIPTION	PART NUMBER	QUANTITY
Compound, Heat Conductive (For Thermometer Wells)	013-00898-000	4 Oz. Can

#### TOUCH-UP - SPRAY CANS

DESCRIPTION	PART NUMBER
Caribbean Blue Enamel	013-01835-000
Black (Control Center)	Purchase Locally

## TEMPERATURE RECORDER

DES	CRIPTION	PART NUMBER
HZ	NUM. OF PENS	PARI NUMBER
60	1	025-09658-000
00	2	025-09823-000
50	1	025-12650-000
30	2	025-12330-000

#### **FLOW SWITCH CONTROL**

DESCRIPTION	PART NUMBER
150 DWP	024-26116-000
300 DWP	024-12144-000

#### DIFFERENTIAL PRESSURE CONTROL

DESCRIPTION	PART NUMBER
Control, Differential Pressure*	025-30919-000

<sup>\*300</sup> PSI Maximum Working Pressure

#### **ACCESSORY CONTROL PARTS**

DESCRIPTION	PART NUMBER
Card File (Remote Current Setpoint and Temperature Setpoint)	031-00827-000
Cards (Remote Current Setpoint and Temperature Setpoint)	031-00814-000

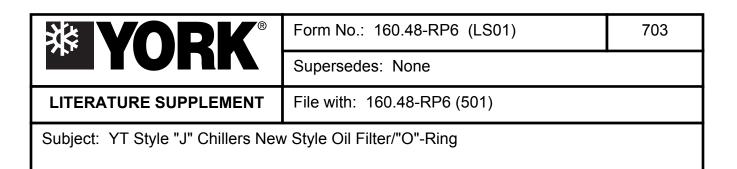
#### **VARIABLE ORIFICE VALVE**

VALVE SIZE	VALVE	O-RING	ACTUATOR	LIQUID LEVEL SENSOR
2"	022-09760-000	028-12961-023	025-33730-000	025-33666-000
3"	022-09761-000	028-12961-025	025-33730-000	025-33666-000
4"	022-09762-000	028-12961-025	025-33730-000	025-33666-000
5"	022-09763-000	028-12961-027	025-33730-000	025-33666-000

# SEAL, O-RING, NEOPRENE

PART NUMBER	AS 568-	THREAD SIZE (Nominal Tube Size)	ACTUAL I.D. x Section (Inches)	MATERIAL	R-STD
028-12961-001	904	7/16" - 20 U.N.F 2A (1/4" Tube)	.351 +/005 x .072 +/003	See Note 1	807
028-12961-002	905	1/2" - 20 U.N.F 2A (15/16" Tube)	.414 +/005 × .072 +/003	See Note 1	807
028-12961-003	906	9/16" - 18 U.N.F 2A (3/8" Tube)	.468 +/005 × .078 +/003	See Note 1	807
028-12961-004	806	3/4" - 16 U.N.F 2A (1/2" Tube)	.644 +/009 × .087 +/003	See Note 1	807
028-12961-005	910	7/8" - 14 U.N.F 2A (5/8" Tube)	.755 +/009 × .097 +/003	See Note 1	807
028-12961-006	912	1 1/6" - 12 U.N 2A (3/4" Tube)	.924 +/009 × .116 +/004	See Note 1	807
028-12961-007	914	1 3/6" - 12 U.N 2A (7/8" Tube)	1.047 +/010 × .116 +/004	See Note 1	807
028-12961-008	916	1 5/6" - 12 U.N 2A (1" Tube)	1.171 +/010 × .116 +/004	See Note 1	807
028-12961-009	136	2 1/4" - 12 U.N 2A	1.987 +/017 × .103 +/003	See Note 1	807
028-12961-010	932	2 1/2" - 12 U.N 2A	2.337 +/018 x .118 +/004	See Note 1	807
028-12961-011	011	9/16" - 18 U.N.F 2A (1/4" Face Seal)	.301 +/005 × .070 +/003	See Note 1	807
028-12961-012	012	11/16" - 16 U.N.F 2A (3/8" Face Seal)	.364 +/005 × .070 +/003	See Note 1	807
028-12961-013	014	13/16" - 16 U.N.F 2A (1/2" Face Seal)	.489 +/005 × .070 +/003	See Note 1	807
028-12961-014	016	1" - 14 U.N.F 2A (5/8" Face Seal)	.614 +/009 × .070 +/003	See Note 1	807
028-12961-015	018	1 3/6" - 12 U.N 2A (3/4" Face Seal)	.739 +/- 000 × 600/+ 657.	See Note 1	807
028-12961-016	021	1 7/16" - 12 U.N 2A (1" Face Seal)	.926 +/009 × .070 +/003	See Note 1	807
028-12961-017	920	15/8" - 12 U.N 2A (11/4" Tube)	1.475 +/014 x .118 +/004	See Note 1	807
028-12961-018	022	11/8" - 18 U.N.E.F 2A	.989 +/010 × .070 +/003	See Note 1	807
028-12961-019	029	2 1/2" U.N 2A (1 1/2" Face Seal)	1.489 +/013 x .070 +/003	See Note 1	807
028-12961-020	924	1 7/8" - 12 U.N 2A (1 1/2" Tube)	1.720 +/014 x .118 +/004	See Note 1	807
028-12961-021	903	3/8" - 24 U.N.F 2A (3/16" Tube)	.301 +/005 × .064 +/003	See Note 1	807
028-12961-022	025	1 11/16" - 12 U.N 2A (1 1/4" Face Seal)	1.176 +/011 x .070 +/003	See Note 1	807
028-12961-909		NEN 176 - G2	55.25mm .4mm X Dia. 2.62mm (5.39mm .1mm)	See Note 1	Use material
					as in -009

NOTE: 1. Red Neoprene per ASTM D2000M3BC710A14B14E014E034Z or Black Neoprene per ASTM D2000M3BC710A14B14E014E034



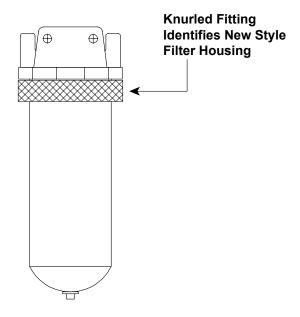
#### General

Recently YORK started supplying YT compressors with an oil filter housing that has a large knurled fitting used to secure the bowl of the housing to the housing head.

The replacement part number for the **3-micron element** for this oil filter is

The replacement **o-ring** used for the bowl is

These parts are also available in **kit** form. The part number of the kit is **026-37915-000**. **028-14404-000**. **364-50439-000**.



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