
GARDNER-DENVER®

13-9-545
2nd Edition

**"ECP"
ELECTRA-SAVER II®
STATIONARY
BASE-MOUNTED
COMPRESSORS**

MODELS

100 HP

ECQMC AIR-COOLED

ECPSMC WATER-COOLED

13-9-545

**Gardner
Denver**

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INTRODUCTION

CONTENTS — This parts list manual contains repair parts for compressors shown on the cover. Following is a list of comments to guide you in the selection of pages that are applicable to your particular unit.

MODEL DESIGNATIONS — The thirteen character model designations will reflect the optional or selective types of construction available on these units; however, if an "8" appears in any column, the original order and subsequent machine ticket must always be referred to when ordering repair parts for that option (see ordering instructions).

The original order and subsequent machine ticket must always be referred to when ordering repair parts (see ordering instructions).

The following is offered as a guide in showing the various types of construction:

Air Cooled (With Radiator Module) versus Water Cooled (With Heat Exchanger).

With or Without Aftercooler for both Air-Cooled and Water-Cooled Units.

Pressure Ratings (100, 125 or 150 PSIG) — these differences are reflected in the selection offered for Gear Kits and Safety Valves.

Fresh Water or Salt Water Service with Water-Cooled Units.

Steel or Aluminum Radiator Modules with the Air-Cooled Units.

Standard Control is referred to as Constant Speed. PC Control is also available. These cover both 60 Hz (Domestic) and 50 Hz (International) and NEMA 1 or NEMA 4 enclosures.

QUALITY OF PARTS — Numerous mounting components, such as piping, tubing, fasteners, minor electrical parts and wiring, etc., may be purchased from your local supply source. However, it is emphasized that **IT IS THE RESPONSIBILITY OF THE CUSTOMER** when purchasing repair parts locally to use only parts that are of **EQUAL** or better quality than those used in the original construction.

INSTRUCTIONS FOR ORDERING REPAIR PARTS

When ordering parts, specify Compressor **MODEL**, Method of Cooling, **HORSEPOWER** and **SERIAL NUMBER** (see nameplate on unit). Serial number is also stamped on top of the cylinder flange to the right of the inlet housing.

All orders for parts should be placed with the nearest Sales and Service Office.

Where NOT specified, quantity of parts required per compressor or unit is one (1); where more than one is required per unit, quantity is indicated in parenthesis. **SPECIFY EXACTLY THE NUMBER OF PARTS REQUIRED.**

DO NOT ORDER BY SETS OR GROUPS.

To determine the Right Hand and Left Hand side of compressor, stand at the motor end and look toward compressor. Right Hand and Left Hand are indicated in parenthesis following part name; i.e., (RH) & (LH).

PARTS RETURNED

All claims must be made within five days after receipt of goods. If order has been filled correctly, we cannot allow the return of the goods without our consent and then only

on a basis of a charge for service and rehandling plus transportation charges.

Transportation charges must be prepaid. If it is necessary to return a part to the factory for duplication or inspection, do not fail to do the following:

1. Write the nearest Sales and Service Office a letter advising what material you wish to return and why.
2. After receiving permission to return the item or items, obtain from the Sales and Service Office the correct forms filled out by that office for the proper return of material.
3. Place a tag in the package showing your name and address.
4. Tag each article in the box or package stating what and how many are returned.
5. Always give the serial number of the machine from which the parts were removed or the invoice number on which the parts were originally shipped.

All parts returned for credit should be handled in the same manner as that for duplication or inspection.

**MODELS ECPO_C & ECPS_C
100 HP Air or Water-Cooled Base-Mounted
ELECTRA-SAVER II® COMPRESSORS
MATRIX/MENU**

NOTICE TO CUSTOMER — To find the construction options for your compressor unit, FILL IN THE BALANCE OF LETTERS OR NUMBERS FROM YOUR UNIT NAMEPLATE.

E	C	P	M	C									
1	2	3	4	5	6	7	8	9	10	11	12	13	

FOLLOW THE LINE DOWN AND OVER FROM EACH SPACE THUS FILLED IN TO FIND THE APPROPRIATE CONSTRUCTION WITH WHICH YOUR MACHINE IS EQUIPPED. THE NUMBER "9" IN ANY COLUMN SPACE INDICATES "NOT APPLICABLE". THE NUMBER "8" IN ANY COLUMN SPACE INDICATES SPECIAL DESIGN — REFER TO FACTORY ORDER TICKET.

COLUMNS 1 & 2 — ELECTRA-SAVER II FAMILY — SINGLE STAGE

COLUMN 3 — AIR END
P. SSP & SSH Air Ends — 100 HP Units

COLUMN 4 — CONSTRUCTION
Q. Air Cooled — Base Mounted (Std)
S. Water Cooled — Base Mounted (Std)

COLUMN 5 — HORSEPOWER
M. 100 HP

COLUMN 6 — ENGINEERING SPECIFICATION

COLUMN 7 — PRESSURE & HZ
D. 100 PSIG — 60 Hz
F. 125 PSIG — 60 Hz
H. 150 PSIG — 60 Hz
N. 100 PSIG — 50 Hz
P. 125 PSIG — 50 Hz
R. 150 PSIG — 50 Hz

COLUMN 8 — CONTROL TYPE (Constant Speed or PC)
CONSTANT SPEED (Pilot Only):
A. Air Cld — w/Compr & Fan Mtr (Clg Mod) Strs
B. Wtr Cld — w/Compr & Fan Mtr (Vent Fan) Strs
C. Air Cld — w/Fan Mtr Str (Clg Mod) Only
D. Wtr Cld — w/Fan Mtr Str (Vent Fan) Only
E. Wtr Cld — w/Compr Mtr Str Only — w/o Encl
F. Wtr Cld — Relay Only — w/o Encl. & Compr Mtr Str
PC CONTROL:
G. Air Cld — w/Compr & Fan Mtr (Clg Mod) Strs
H. Wtr Cld — w/Compr & Fan Mtr (Vent Fan) Strs
I. Air Cld — w/Fan Mtr Str (Clg Mod) Only
J. Wtr Cld — w/Fan Mtr Str (Vent Fan) Only
K. Wtr Cld — w/Compr Mtr Str Only — w/o Encl.
L. Wtr Cld — Relay Only — w/o Encl. & Compr Mtr Str

COLUMN 9 — CONTROL BOX STARTER (Per HP/Voltage)
G. 100 HP — 230 V
H. 100 HP — 460 V
I. 100 HP — 575 V
NOTE: 200 V applications not coded - see Engineering for Part/BOM No's.

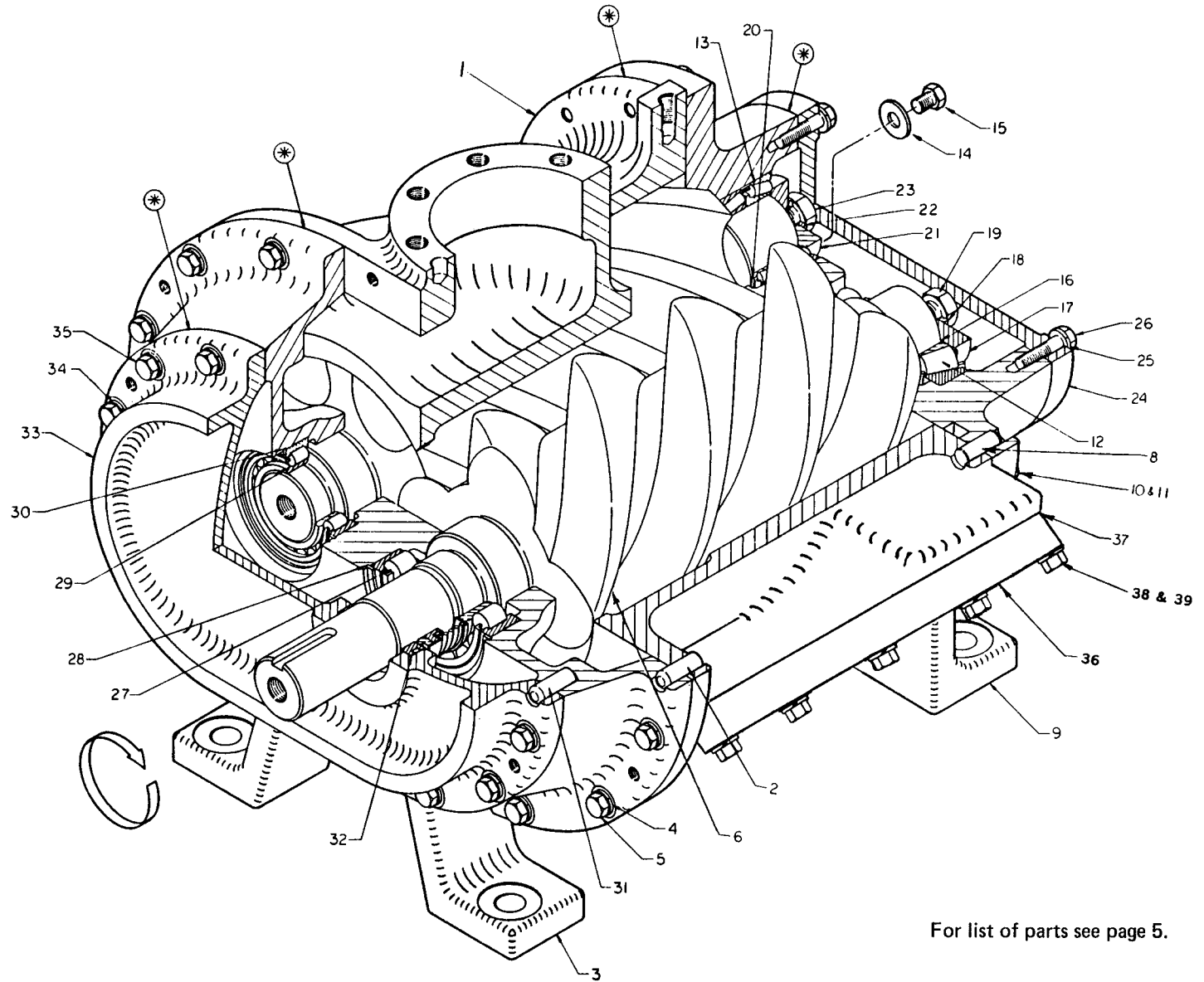
COLUMN 10 — ENCLOSURE & AIR FILTER
J. Air Cld — 100 HP HD Filter
K. Wtr Cld — 200V — 60 Hz — 100 HP HD Filter
L. Wtr Cld — 230/460V — 60 Hz — 100 HP HD Filter
M. Wtr Cld — 575V — 60 Hz — 100 HP HD Filter
N. Wtr Cld — 380/460/415V — 50 Hz — 100 HP HD Filter
O. Wtr Cld — 500/525/550V — 50 Hz — 100 HP HD Filter
P. Air Cld — Quiet — 100 HP HD Filter
Q. No Encl — Std Filter — 100 HP
R. No. Encl — HD Filter — 100 HP
V. Air Cld — 100 HP — Std Filter
W. Air Cld — Quiet — 100 HP — Std Filter

COLUMN 11 — OIL COOLERS — AIR & WATER
AIR COOLED:
C. Alum — w/Combination Oil Cooler/Aftercooler
WATER COOLED:
I. Fresh Water w/o Aftercooler
K. Fresh Water w/Aftercooler
M. Fresh Water w/o Aftercooler w/Water Temp Regulator
O. Fresh Water w/Aftercooler w/Water Temp Regulator
U. Salt Water w/o Aftercooler
V. Salt Water w/Aftercooler
W. Salt Water w/o Aftercooler w/Water Temp Regulator
X. Salt Water w/Aftercooler w/Water Temp Regulator

COLUMN 12 — COOLER ELECTRICAL (Oil Cir Fan Mtr & Mtg/Mag Wtr Shutoff Valves for Wtr Cld Units)
AIR COOLED:
A. 200 V — 60 Hz
B. 230/460 V — 60 Hz
C. 575 V — 60 Hz
D. Less Motor (Air Cooled Units)
WATER COOLED — MAGNETIC SHUTOFF VALVE:
T. NEMA 1 — Fresh Water
U. NEMA 4 — Fresh Water
X. No Water Shutoff Valve

COLUMN 13 — COMPRESSOR DRIVE MOTOR
OPEN DRIP-PROOF:
A. 200 V — 60 Hz
B. 230 V — 60 Hz
C. 460 V — 60 Hz
D. 575 V — 60 Hz
G. 220 V — 50 Hz
H. 380 V — 50 Hz
I. 415 V — 50 Hz
J. 440 V — 50 Hz
K. 550 V — 50 Hz
TOTALLY ENCLOSED — FAN COOLED:
M. 200 V — 60 Hz
N. 230 V — 60 Hz
O. 460 V — 60 Hz
P. 575 V — 60 Hz
S. 220 V — 50 Hz
T. 380 V — 50 Hz
U. 415 V — 50 Hz
V. 440 V — 50 Hz
W. 550 V — 50 Hz
Y. Less Motor — ODP/TEFC

BARE COMPRESSOR



For list of parts see page 5.

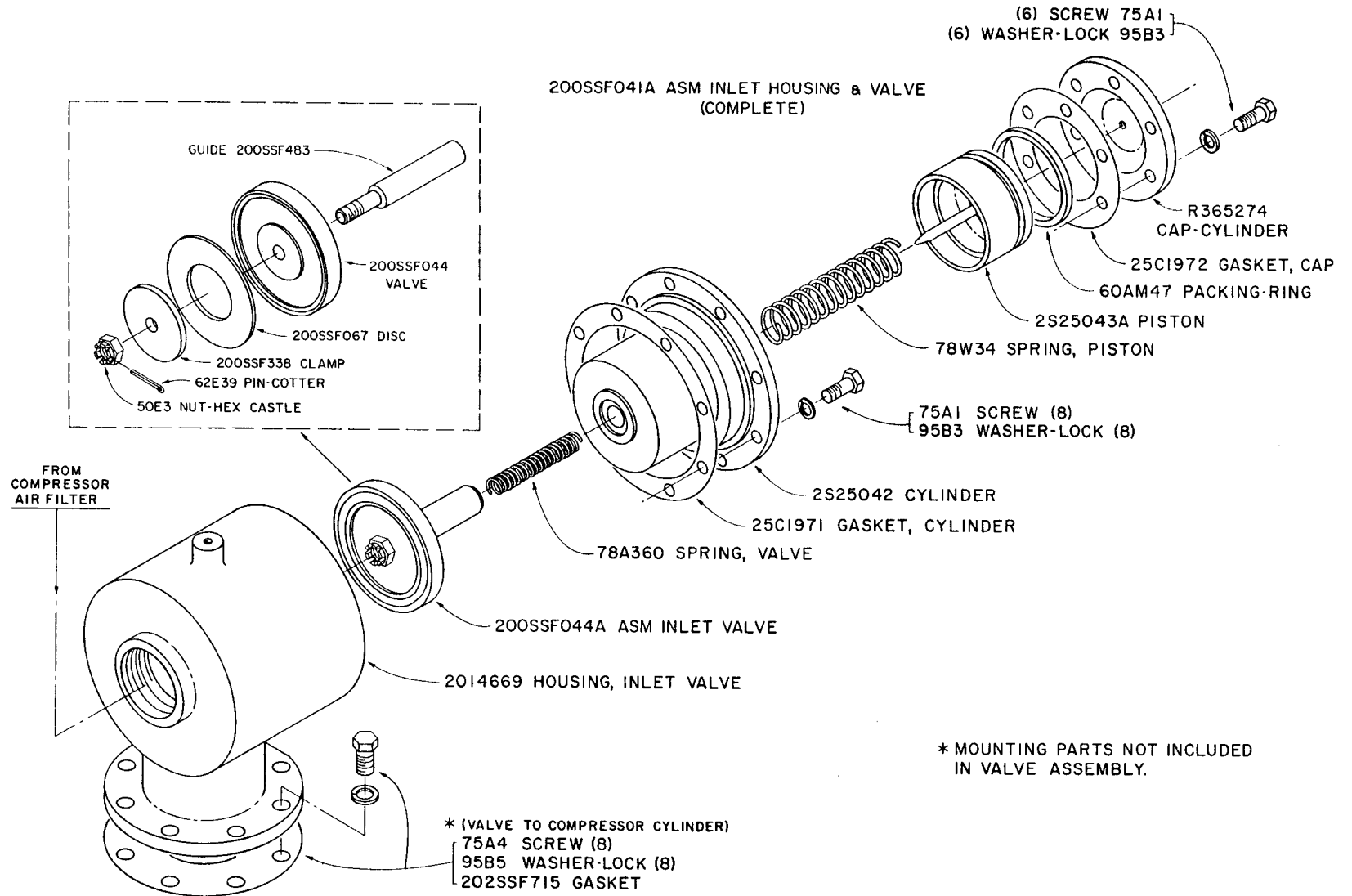
ORDER BY PART NUMBER AND DESCRIPTION. REFERENCE NUMBERS FOR YOUR CONVENIENCE ONLY.

Ref. No.	Name of Part	Qty. Req. Per Comp.	Models ECP_MC Col. Code 7D Part No.	Models ECP_MC Col. Code 7F Part No.	Models ECP_MC Col. Code 7H & 7N Part No.	Models ECP_MC Col. Code 7P & 7R Part No.
	BARE COMPRESSOR	1	SSPMB A01	SSPMB A02	SSPMB A03	SSHMB B01
1	CYLINDER	1	201SSP002	201SSP002	201SSP002	202SSH002
2	PIN-DOWEL, Inlet Bearing Housing to Cylinder	2	62M83	62M83	62M83	62M83
3	HOUSING-BEARING, Inlet End	1	202SSP006	202SSP006	202SSP006	200SSH006
4	WASHER-LOCK, Inlet Bearing Housing to Cylinder	16	None	None	None	95B3
5	SCREW, Inlet Bearing Housing to Cylinder	16	2009630	2009630	2009630	75A2
6	ROTOR KIT (Main & Secondary Pair)	1	SSP78546	SSP78547	SSP78548	SSH77081
8	PIN-DOWEL	2	62M83	62M83	62M83	62M83
9	HOUSING-BEARING, Discharge End	1	203SSP006	203SSP006	203SSP006	202SSH006
†	PLUG-HEX HEAD PIPE, To Discharge Bearing Housing	2	64T50	64T50	64T50	64T50
†	PLUG-CSK HEAD PIPE	1	64B6	64B6	64B6	64B5
10	SCREW, Bearing Housing to Cylinder	See ()	2009617 (8)	2009617 (8)	2009617 (8)	75A9 (9)
10	SCREW	See ()	2009617 (7)	2009617 (7)	2009617 (7)	75A2 (6)
11	WASHER-LOCK	15	None	None	None	95B3
12	BEARING-ROLLER, Discharge End Main Rotor	1	12BA105	12BA105	12BA105	12BA91
13	BEARING-ROLLER, Discharge End Secondary Rotor (Consists of [2] Bearings & Cup Spacer)	1	12BA106	12BA106	12BA106	12BA90
14	WASHER-PLAIN, Discharge End Secondary Rotor	2	95A3	95A3	95A3	95A3
15	SCREW-HEX CAP, Discharge End Secondary Rotor	2	75A130N	75A130N	75A130N	75A5N
16	SHIM SET, Discharge End Main Rotor Bearing	1	77H63	77H63	77H63	77H54
17	PLATE-BEARING RETAINER, Discharge End Main Rotor Bearing	1	201SSP253	201SSP253	201SSP253	200SSM253
19	SCREW-HEX CAP, Discharge End Main Rotor Bearing	1	75A29N	75A29N	75A29N	75A29N
20	SHIM SET, Discharge End Secondary Rotor	1	77H62	77H62	77H62	77H53
21	PLATE-BEARING RETAINER, Discharge End Secondary Rotor Bearing	1	200SSP253	200SSP253	200SSP253	200SSH253
23	SCREW-HEX CAP, Discharge End Secondary Rotor Bearing	1	75A29N	75A29N	75A29N	75A29N
24	PLATE-BEARING COVER, Discharge End	1	201SSP315	201SSP315	201SSP315	200SSH315
25	WASHER-LOCK	9	None	None	None	95B3
25	GASKET-RING	3	None	None	None	25F13
26	SCREW-HEX CAP	9	2009630	2009630	2009630	75A7
26	SCREW-HEX CAP	3	2009630	2009630	2009630	75A7N
27	BEARING-ROLLER, Inlet End Main Rotor	1	12BA104	12BA104	12BA104	12BA89
28	RING-RETAINING, Inlet End Main Rotor	1	74D42	74D42	74D42	74D38
29	BEARING-ROLLER, Inlet End Secondary Rotor	1	12BA103	12BA103	12BA103	12BA88
30	RING-RETAINING, Inlet End Secondary Rotor	1	74D41	74D41	74D41	74D37
31	PIN-DOWEL, Seal Housing to Cylinder	2	62M83	62M83	62M83	62M83
32	SEAL-SHAFT, Main Rotor	1	60DD104	60DD104	60DD104	60DD98
33	HOUSING-SEAL, Inlet End	1	201SSP362	201SSP362	201SSP362	200SSH362
34	WASHER-LOCK, Seal Housing to Housing	16	None	None	None	95B3
35	SCREW, Seal Housing to Housing	16	75LM123	75LM123	75LM123	75A2
36	COVER, Cylinder	See ()	200SSP225 (1)	200SSP225 (1)	200SSP225 (1)	200SSH225 (2)
†	COVER, Cylinder	1	201SSP225	201SSP225	201SSP225	None
37	GASKET	2	201SSP715	201SSP715	201SSP715	201SSH715
†	COVER, Oil Sump	1	202SSP225	202SSP225	202SSP225	201SSH225
†	GASKET	1	200SSP715	200SSP715	200SSP715	200SSH715
38	SCREW-HEX CAP, Covers to Cylinder	See ()	75LM142 (32)	75LM142 (32)	75LM142 (32)	75A7 (28)
39	WASHER-LOCK	28	None	None	None	95B3
†	PLUG-SQHD PIPE, Cover Drain	3	64AA6 (1)	64AA6 (1)	64AA6 (1)	64AA6 (3)
†	PLUG-SQHD PIPE	1	None	None	None	64A25
†	PLUG-HEX HEAD PIPE, Bottom of Cylinder	See ()	64T53 (2)	64T53 (2)	64T53 (2)	64T53 (1)
†	GASKET-ELIMINATOR *	1	25BC256	25BC256	25BC256	25BC22
†	GASKET & SHIM KIT	1	SSP77956	SSP77956	SSP77956	ECH76365

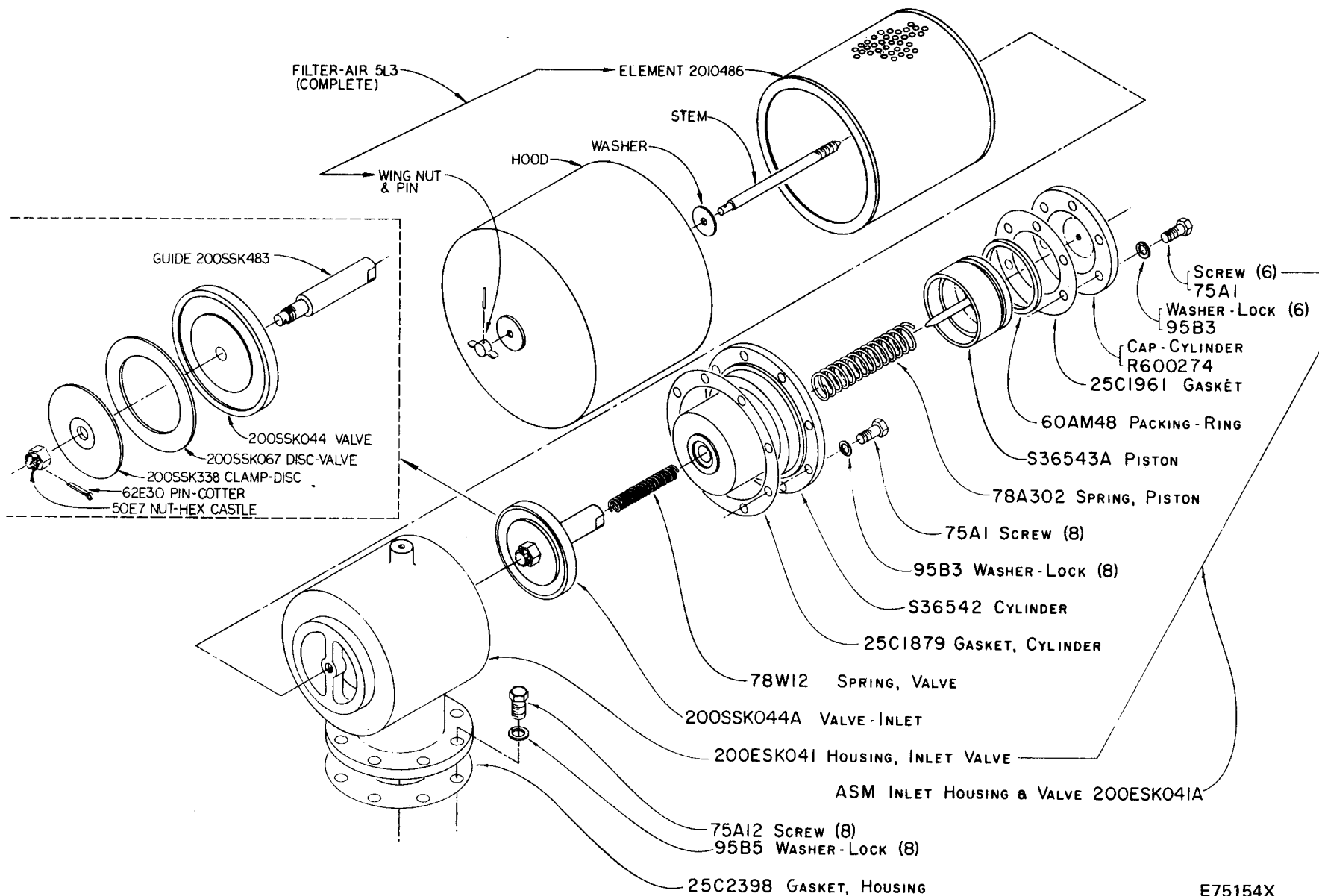
† Not shown on illustration.

* Joints marked with asterisk sealed with Eliminator Gasket.

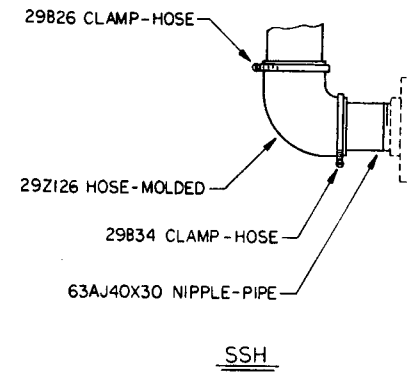
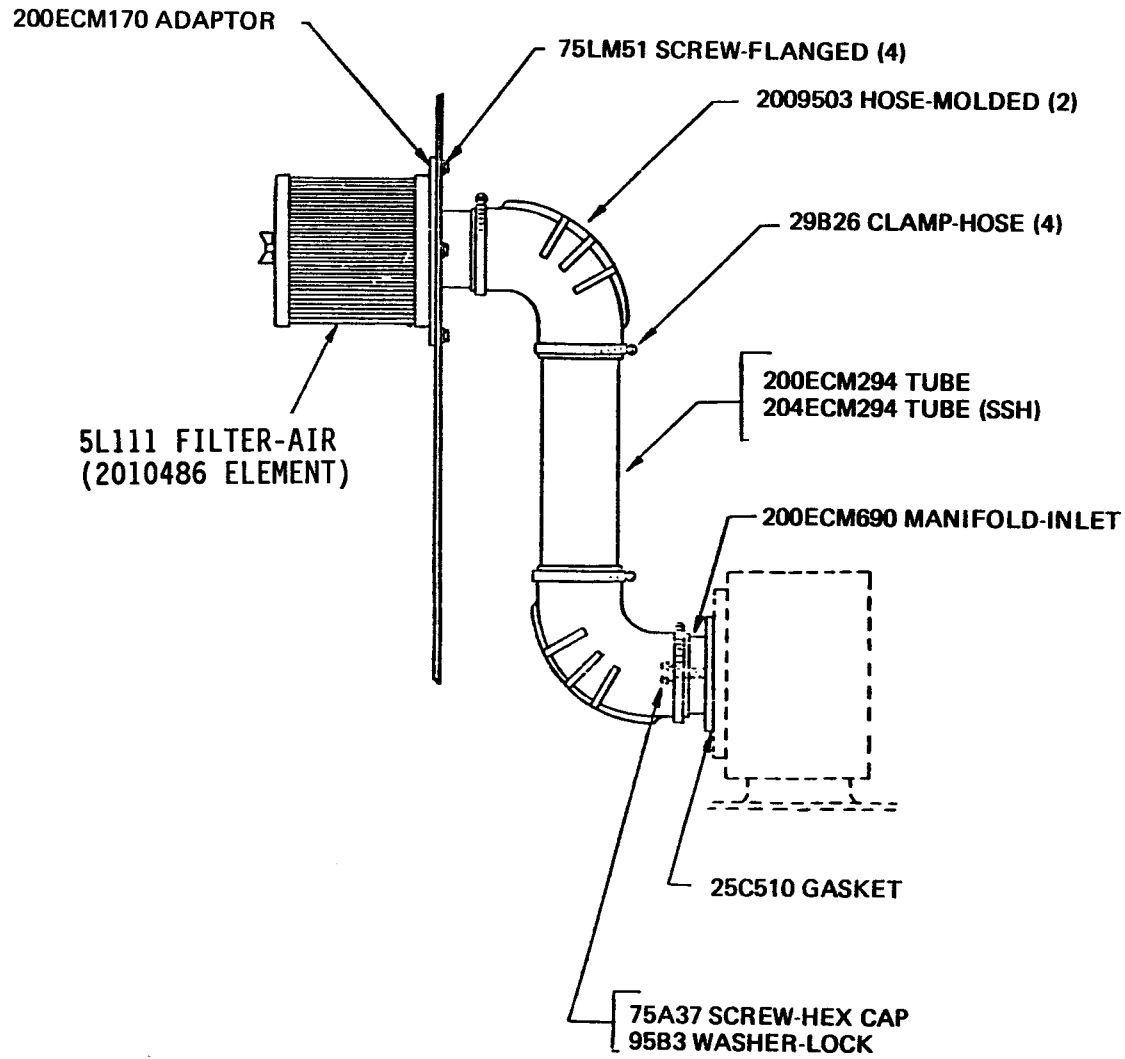
**INLET VALVE & MOUNTING GROUP
(SSH Units Without Enclosure)**



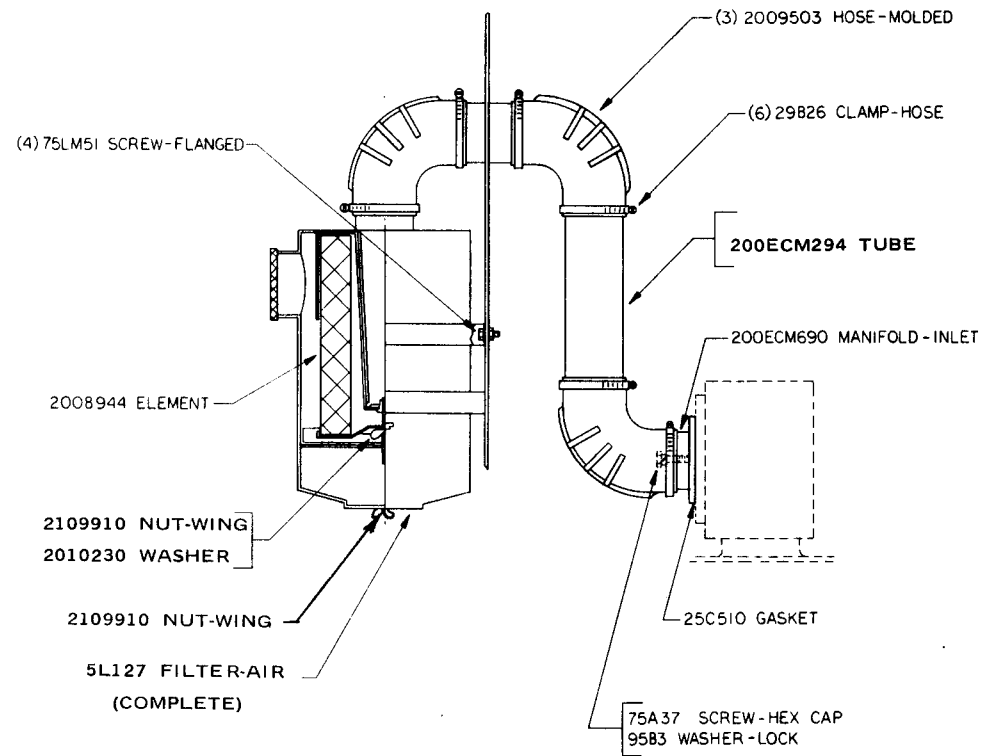
**INLET VALVE & AIR FILTER GROUP
(SSP Units Without Enclosure)**



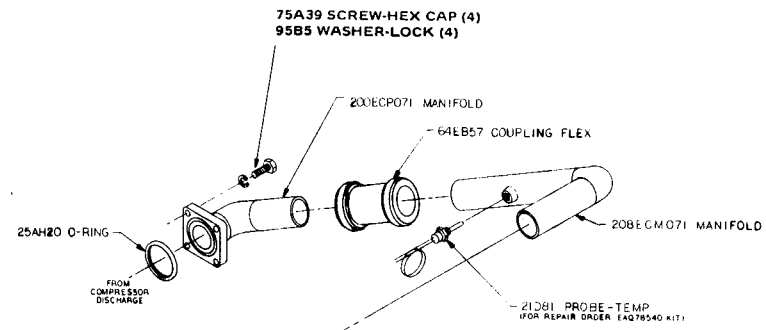
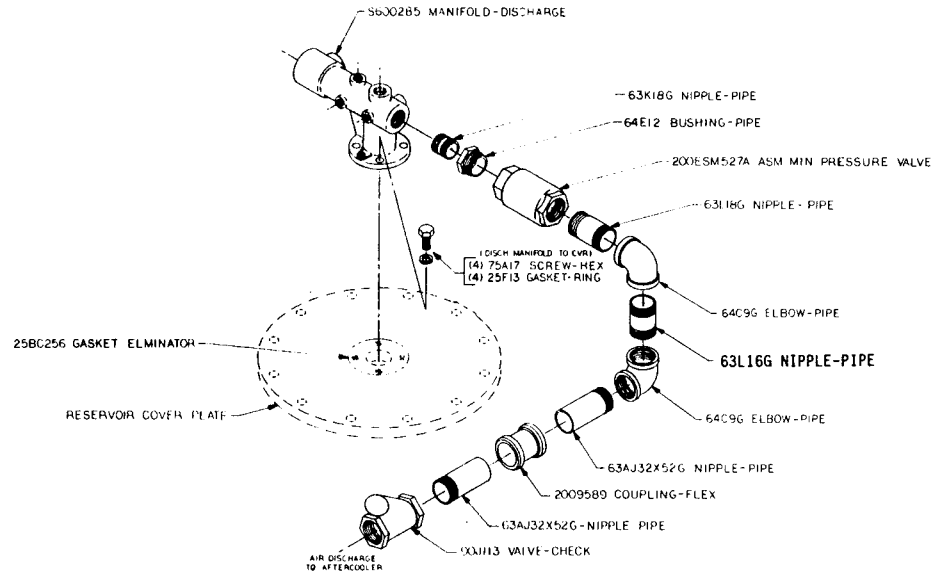
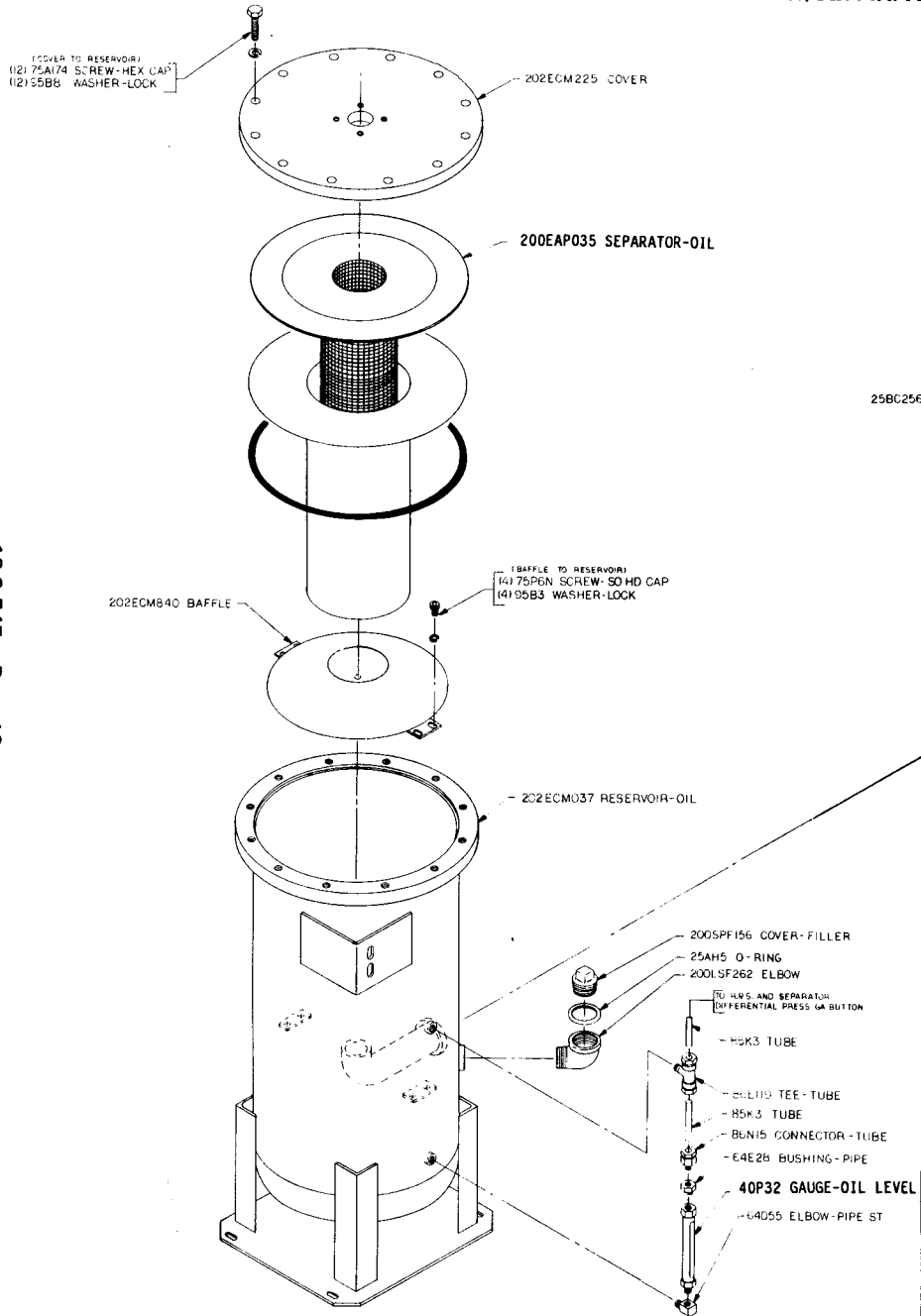
STANDARD AIR FILTER
(With Enclosure)



HEAVY-DUTY AIR FILTER GROUP

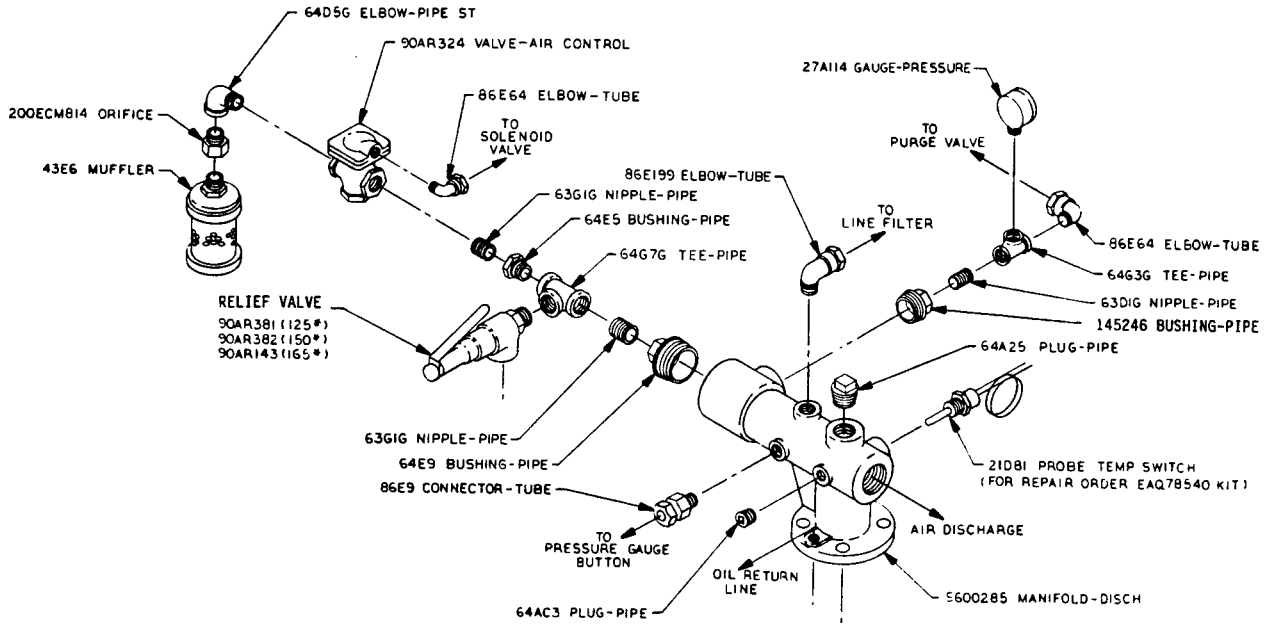


OIL RESERVOIR/SEPARATOR & DISCHARGE MANIFOLD



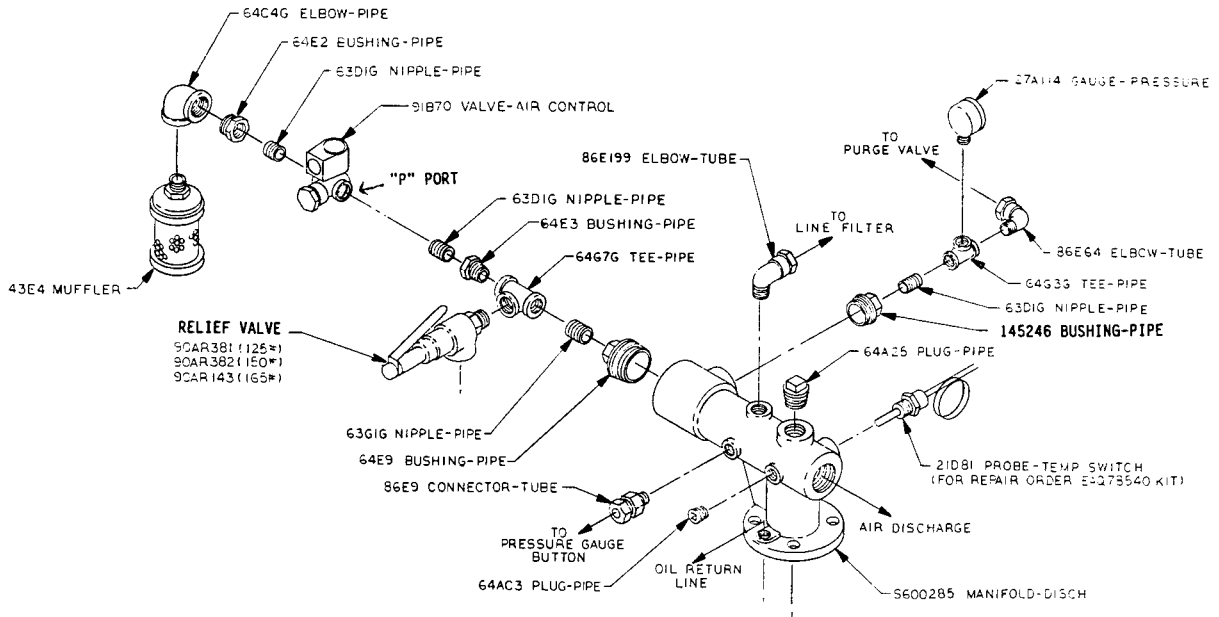
246ECM810
247ECM810

**DISCHARGE MANIFOLD GROUP
(Outlet) (For PC Controlled Units)**



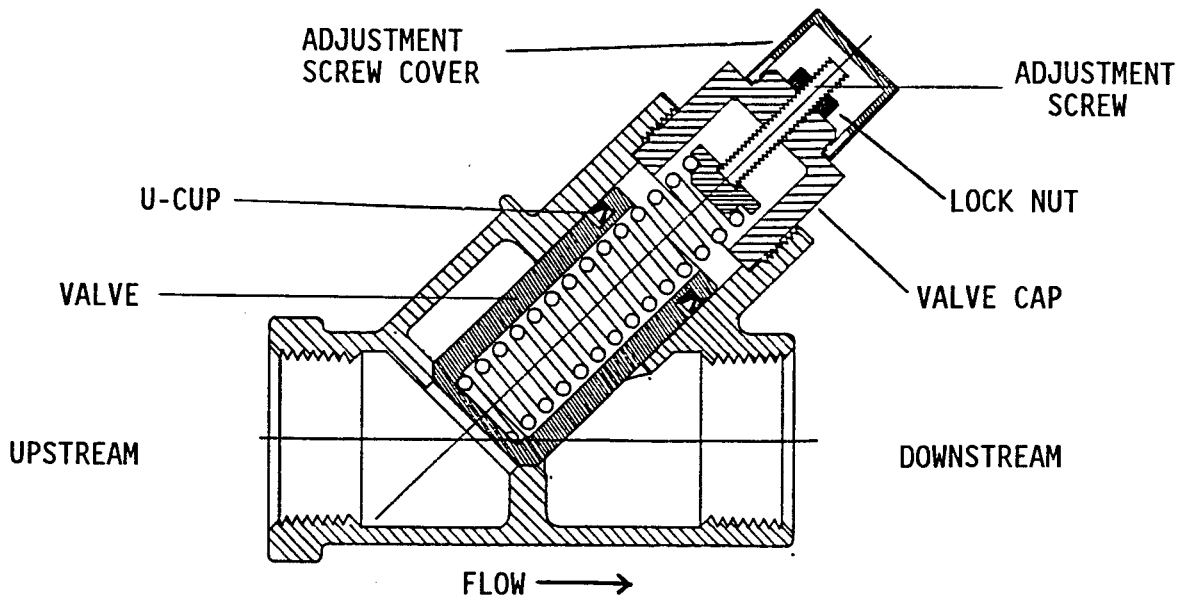
248ECM810

**DISCHARGE MANIFOLD GROUP
(Outlet) (For Constant Speed Control)**



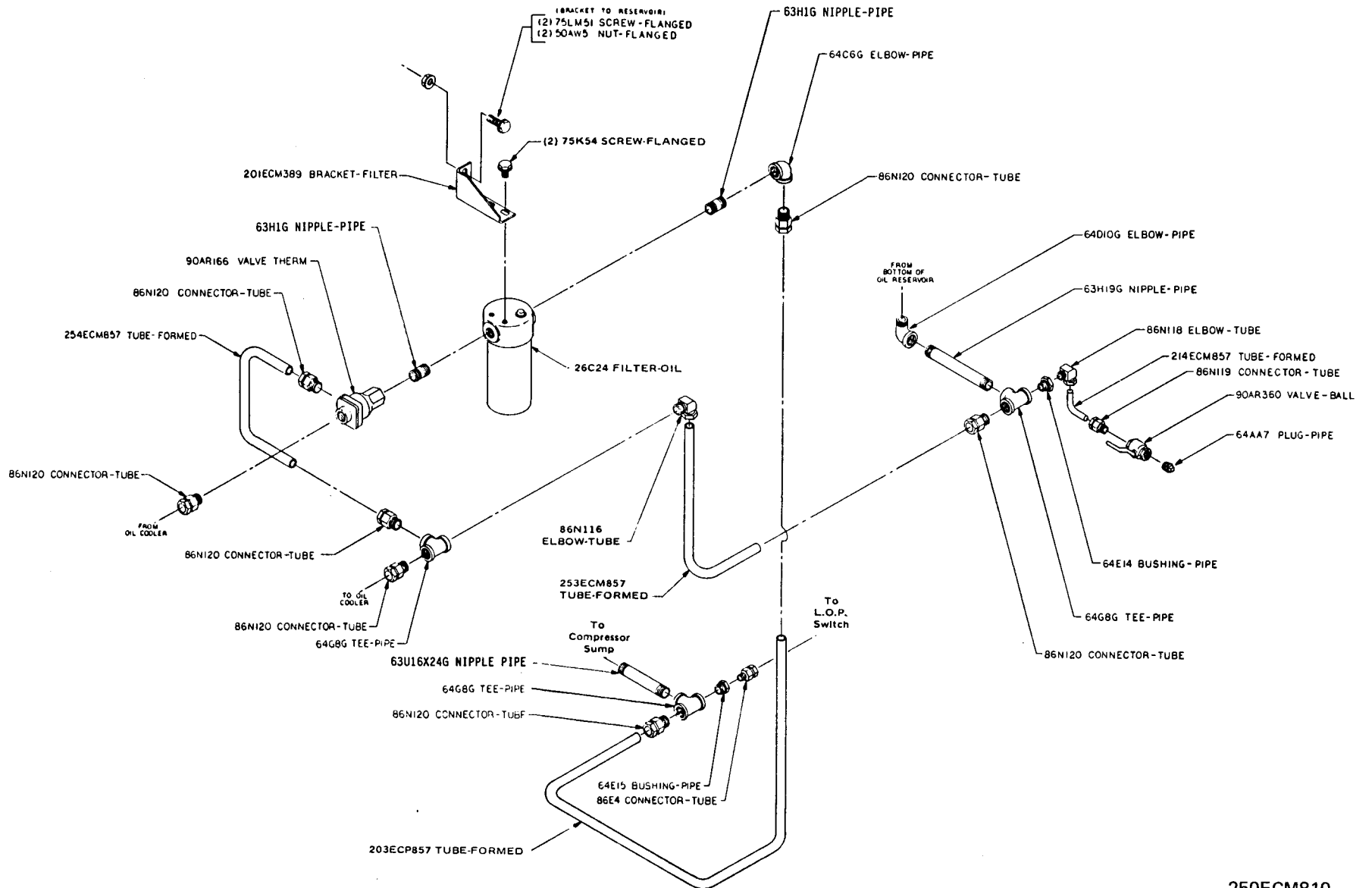
249ECM810

MINIMUM PRESSURE VALVE

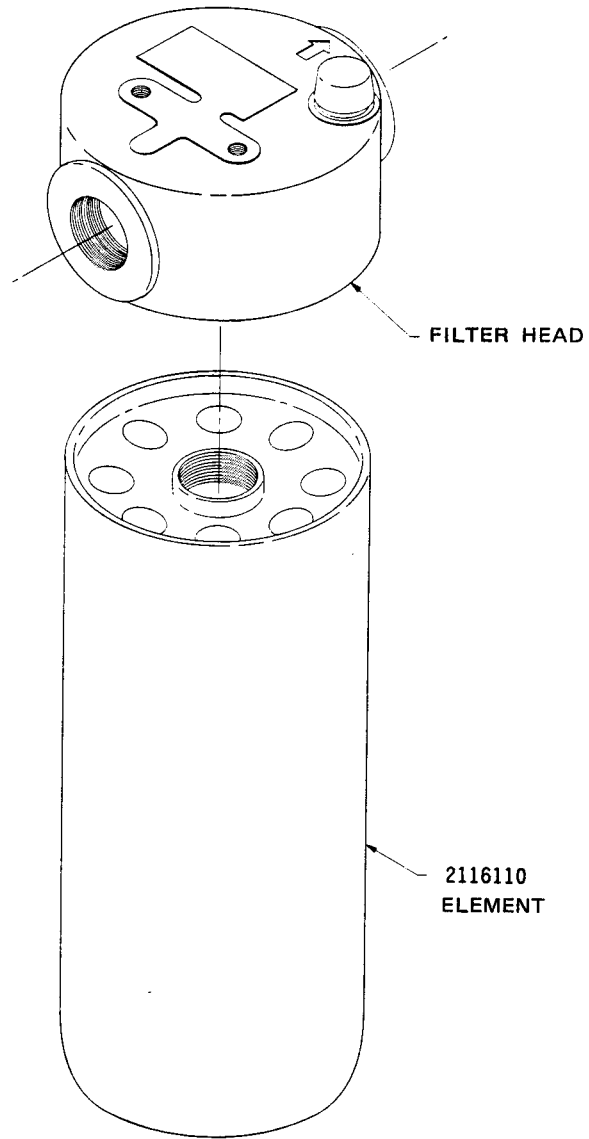


200ECM527

OIL PIPING GROUP (Oil Filter, Mixing Valve & Oil Reservoir Drain)

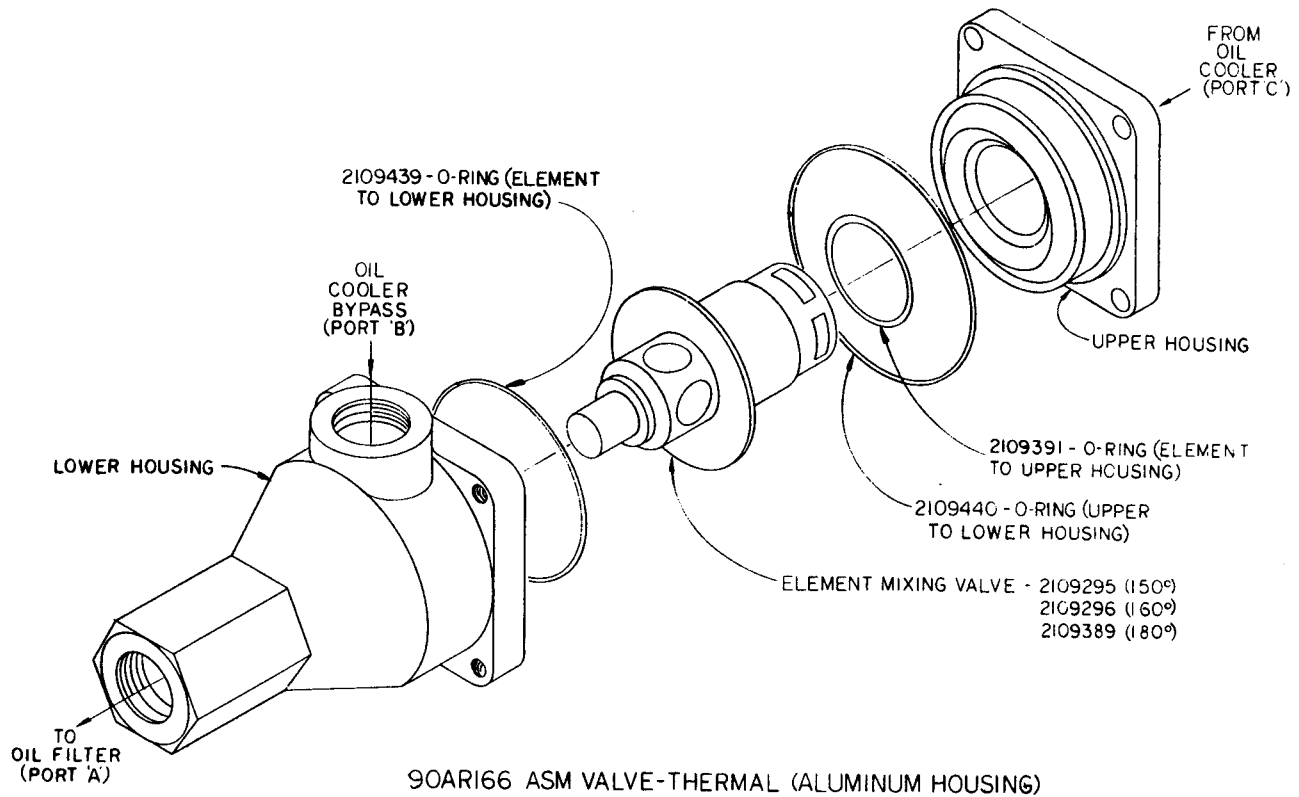


OIL FILTER
26C26

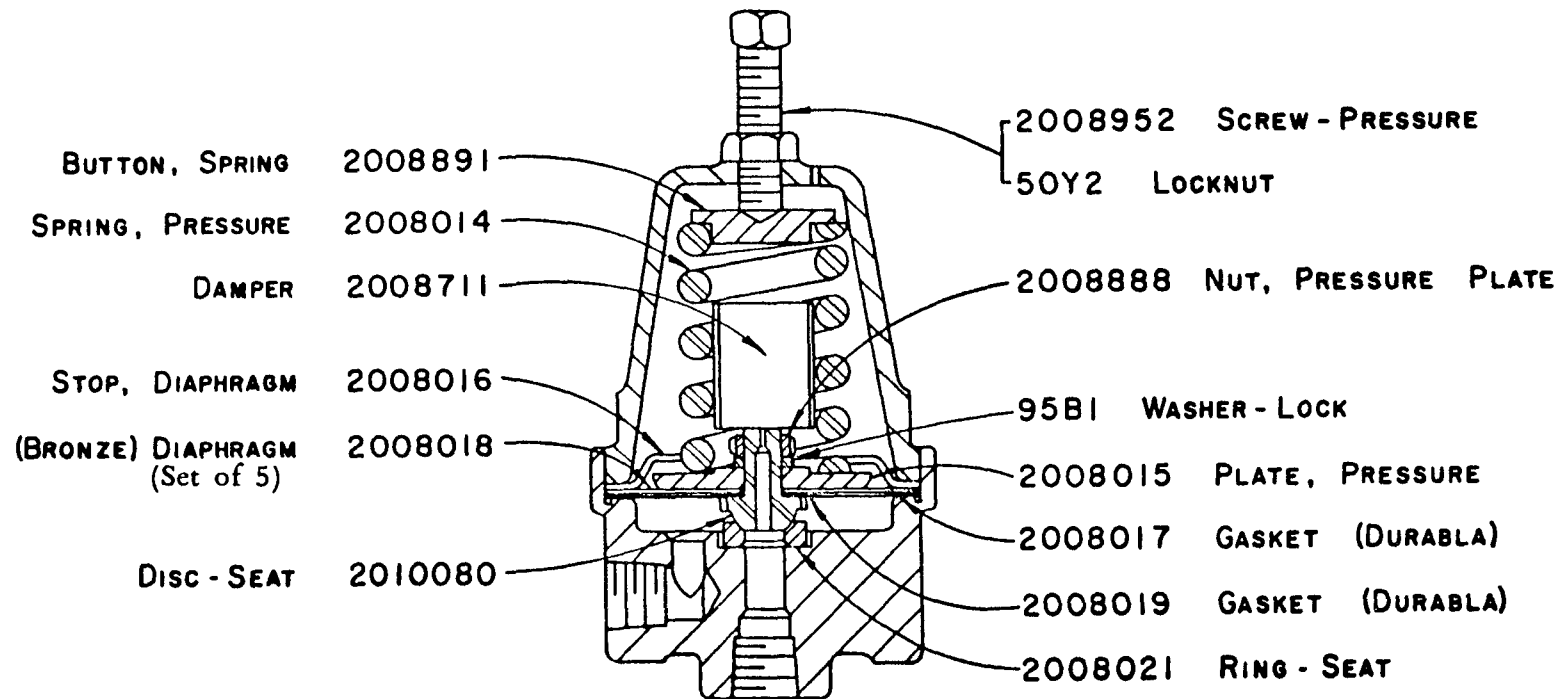


WITH 211ECM077 DECAL AFFIXED TO ELEMENT

THERMOSTATIC MIXING VALVE



**SUBTRACTIVE PILOT VALVE
2009398**

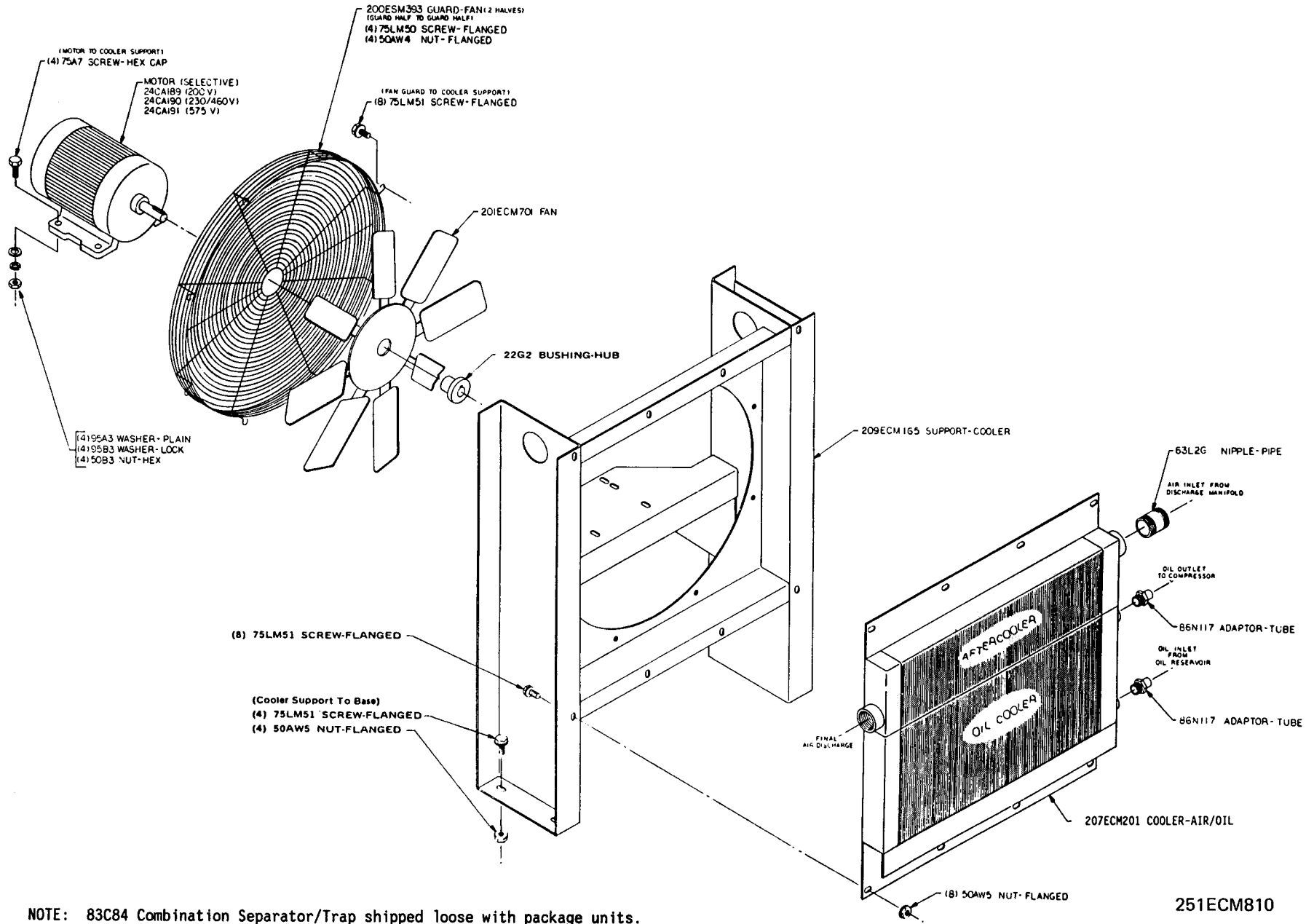


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NOTE: It is necessary to replace some parts in groups to insure satisfactory repair. When replacing diaphragm also replace both diaphragm and seat gaskets. When replacing seat disc or seat ring replace also the mating seat ring or disc and the seat disc gasket.

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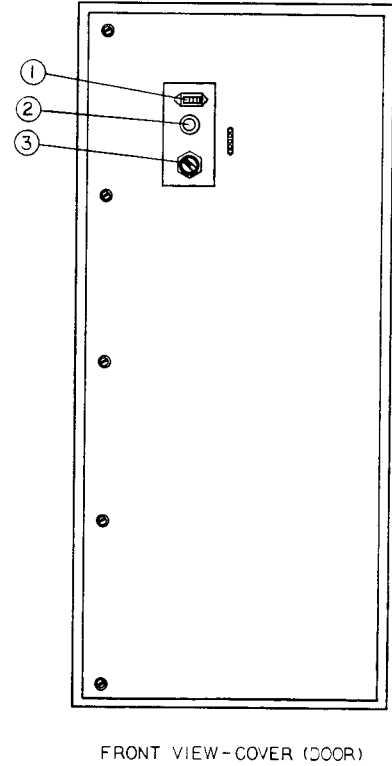
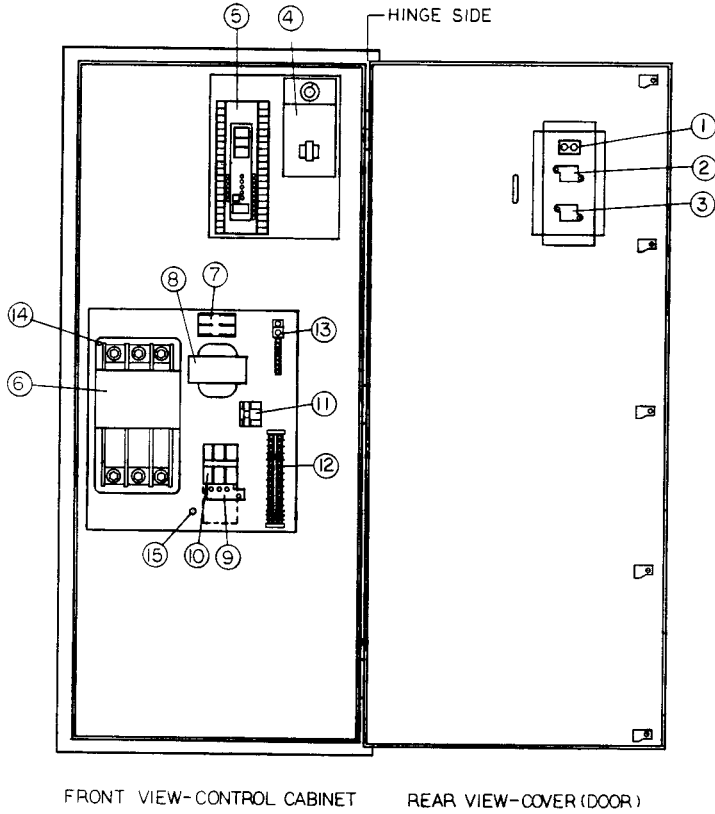
AIR-COOLED OIL COOLER WITH AFTERCOOLER



NOTE: 83C84 Combination Separator/Trap shipped loose with package units.

251ECM810

CONTROL PANEL



For list of parts see page 21.

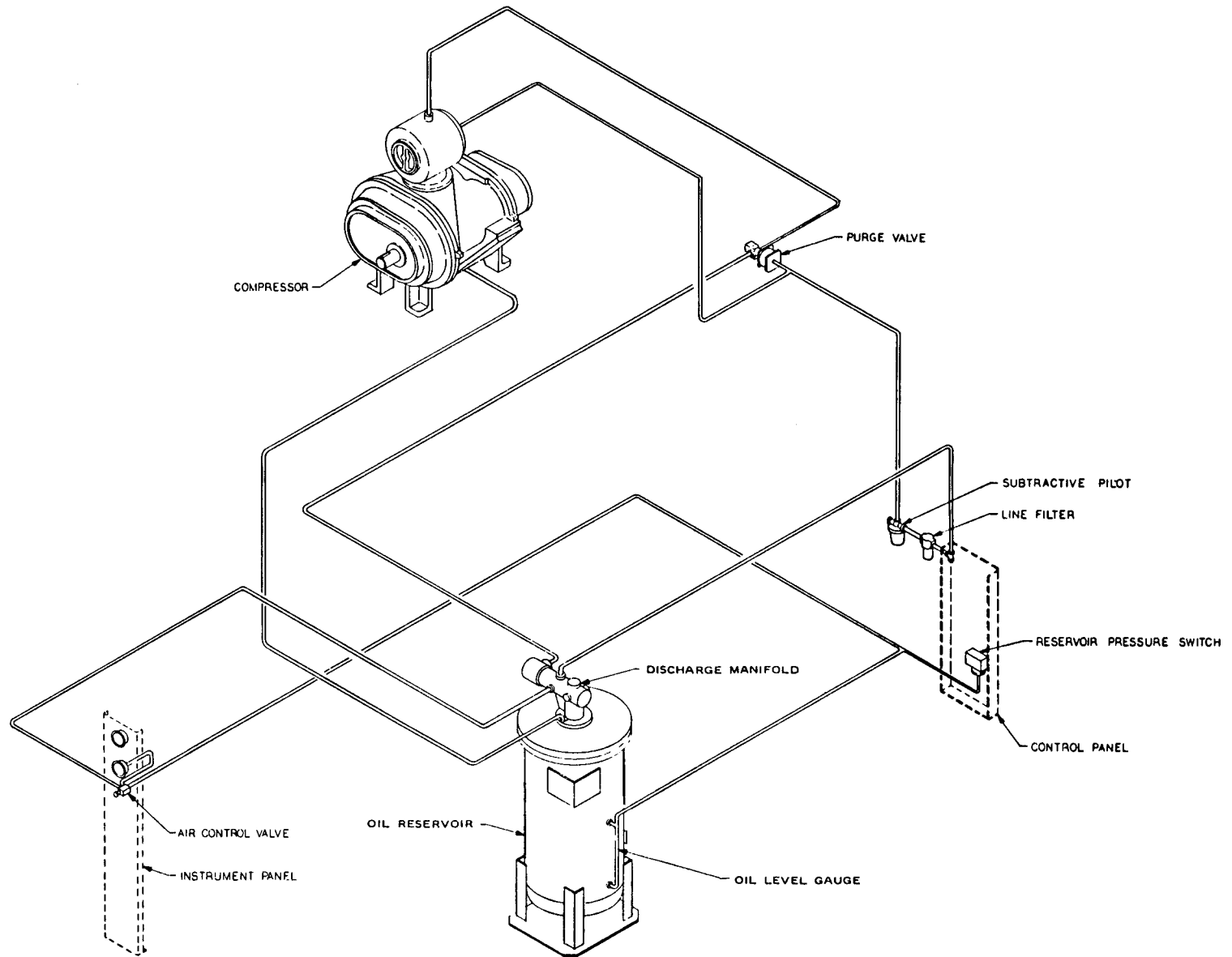
D77109

Ref No.	Name of Part	Qty. Req Per Comp.	Part No.	Control
CONTROL PANEL GROUP				
1	METER-HOUR (60 HZ).....	1	24CA1994	PC/CS
*	METER-HOUR (50 HZ).....	1	24CA1995	PC/CS
2	OPERATOR PUSH-PULL, Power On/Off PB.....	1	2115955	PC
2	CONTACT BLOCK, SPSTNC (Operator).....	1	24CA2508	PC
2	BUTTON EXTENDED, Operator Red.....	1	24CA2512	CS
2	SWITCH, Contact SPSTNO (Operator).....	1	24CA2174	CS
3	ROTARY OPERATOR, 4 Position.....	1	2115954	PC
3	CONTACT BLOCK (Selector).....	2	24CA2339	PC
3	BUTTON EXTENDED, Operator Red.....	1	24CA2512	CS
3	CONTACT BLOCK.....	1	24CA2339	CS
4	SWITCH-TEMPERATURE.....	1	21D80	PC/CS
*	KIT, Temperature Probe, Includes following 3 items.....	2	EAQ78540	PC/CS
	SWITCH-TEMP.....	1	21D81	
	CONNECTOR-FEMALE.....	2	24CA45	
	CONNECTOR-MALE.....	2	24CA1993	
5	CONTROLLER, PC (Programmable).....	1	24CA2489	PC
5	MODULE, Memory.....	1	200ECM566	PC
5	FUSE.....	1	24CA2498	PC
5	BATTERY.....	1	2115949	PC
6	STARTER, Compressor Motor - Size 4 (Optional).....	1	+	
	COIL.....	1	2115952	PC/CS
	CONTACT KIT, Power - 3 Pole.....	1	2109787	PC/CS
	CONTACT-AUXILIARY, N.O.....	1	24CA1992	PC/CS
	RELAY, Overload.....	1	2109781	PC/CS
6	STARTER, Compressor Motor - Size 5 (Optional).....	1	+	
	COIL.....	1	2115952	PC/CS
	CONTACT KIT, Power - 3 Pole.....	1	2109788	PC/CS
	CONTACT-AUXILIARY, N.O.....	1	24CA1992	PC/CS
	RELAY, Overload.....	1	2109782	PC/CS
7	FUSE HOLDER, Primary (Class CC).....	1	24CA2553	PC/CS
	LIMITRON FUSE (200/230 V).....	2	24CA617	PC/CS
	LIMITRON FUSE (460/575 V).....	2	24CA276	PC/CS
8	TRANSFORMER, .250 KVA (250 VA) - 115V Secondary - Select Per Voltage.....			
	208 V.....	1	2115978	PC/CS
	230/460 V.....	1	2115977	PC/CS
	575 V.....	1	2115979	PC/CS
9	STARTER, Fan Motor (Optional).....	1	+	
	Coil.....	1	2115950	PC/CS
	RELAY, Contactor, 110/120 VAC. Power Pole Head, Includes 110/120 VAC Coil.....	1	24CA2500	PC/CS
	CONTACT-AUXILIARY, N.O.....	1	24CA2503	PC/CS
	COVER-LOCKING (OL).....	1	24CA2506	PC/CS
	RELAY, OVERLOAD.....	1	24CA2501	PC/CS
*	CONTROL RELAY (W/O Fan Motor Starter).....	1	+	
*	COIL, 110/120 VAC.....	1	2115950	PC/CS
*	RELAY, Contactor 2 pole 110/120, 50/60 Hz.....	1	24CA2537	PC/CS
10	FUSE HOLDER, 3 Pole Type T-Tron, Mounted On Fan Motor.....	1	24CA2554	PC/CS
	Starter (Optional).....	1	+	
	FUSES.....	3	+	
11	FUSE BLOCK, Transformer - Secondary.....	1	2115986	PC/CS
	FUSETRON.....	1	24CA1991	PC/CS
12	BLOCK-TERMINAL (15 Point).....	5	24CA2551	PC/CS
	BLOCK-TERMINAL (End).....	1	24CA2552	PC/CS
13	BAR-GROUND (8 Point).....	1	24CA612	PC/CS
14	LUG, Ground (End User's Equipment), I/O Copper Wire Max. (When Starter Furnished Mounted).....	1	24CA2555	PC/CS
15	LUG, Ground (Compressor Motor) (When Starter Is Mounted).....	1	24CA2555	PC/CS

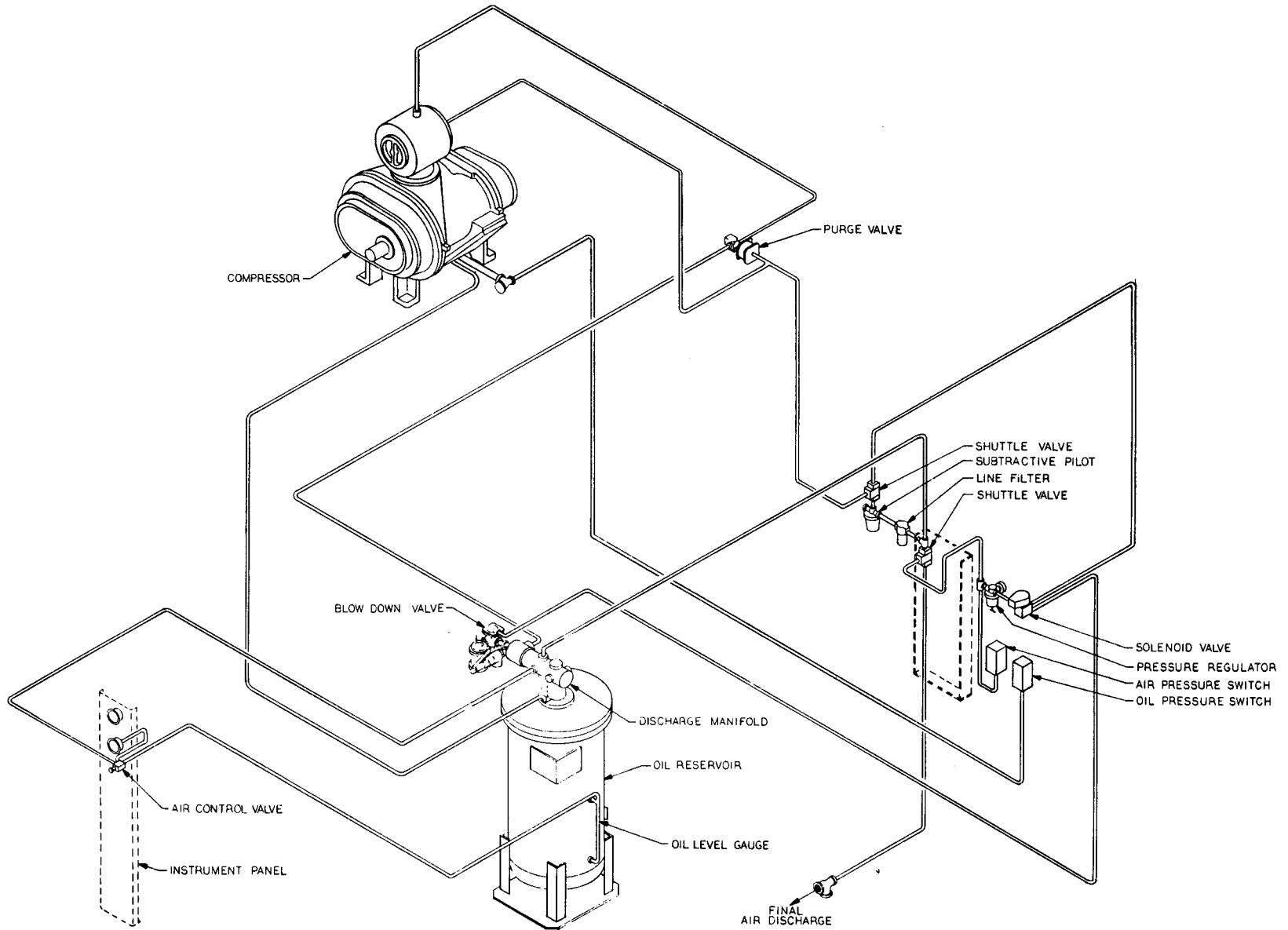
+ Shown on page 35.

* Not shown on illustration.

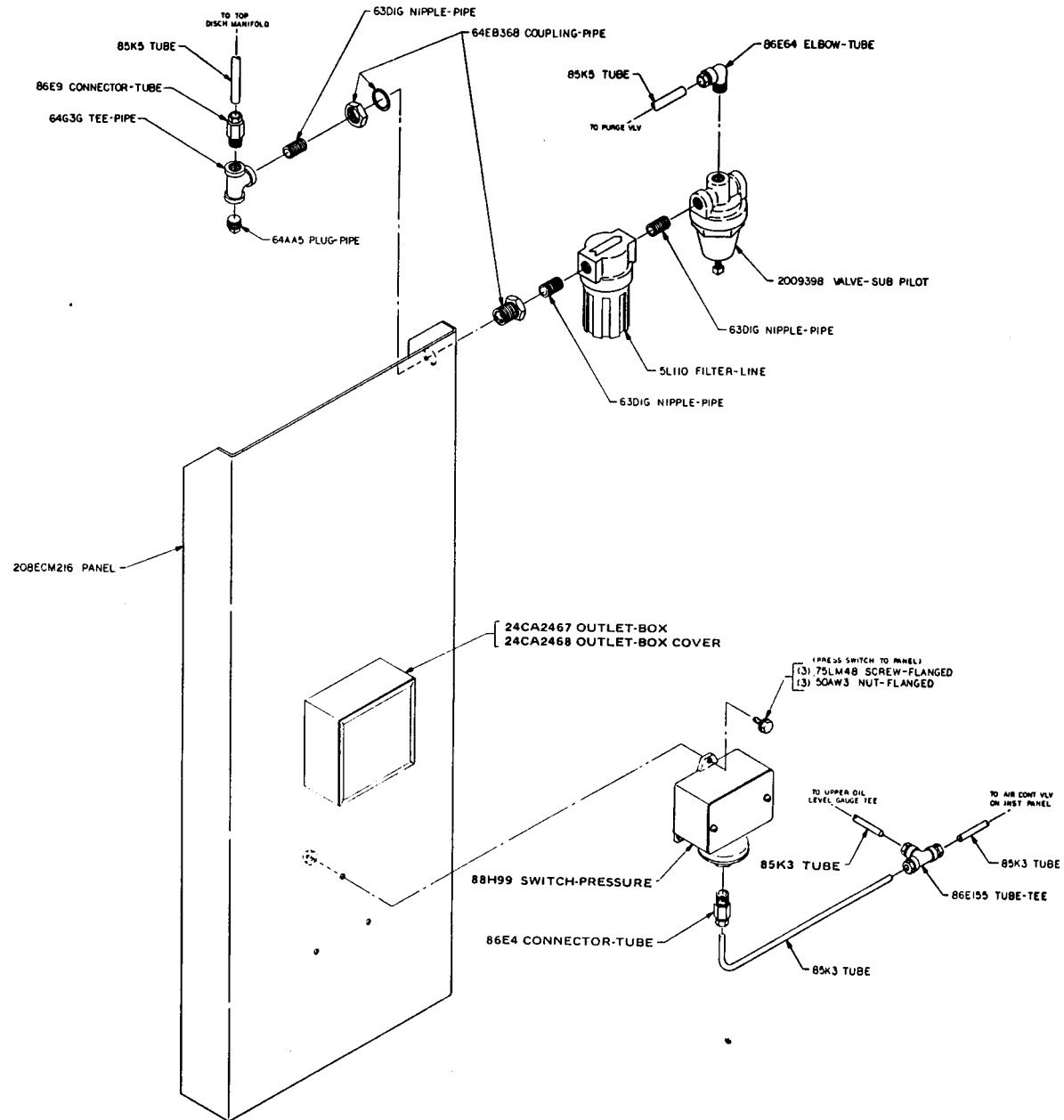
CONTROL LINES – TUBING
(Constant Speed Control – Intensive Injection)



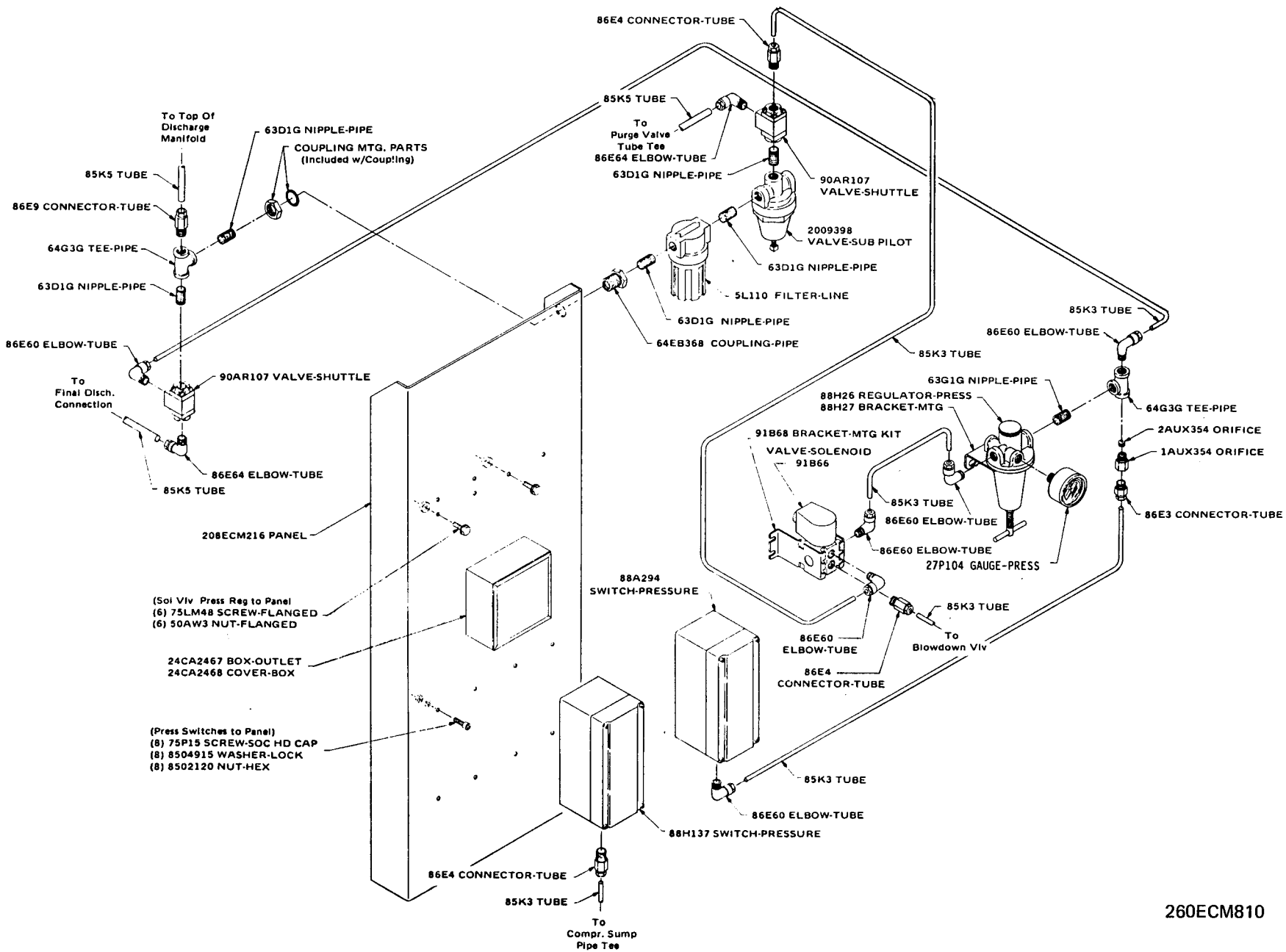
CONTROL LINES – TUBING
(PC Control – Intensive Injection)



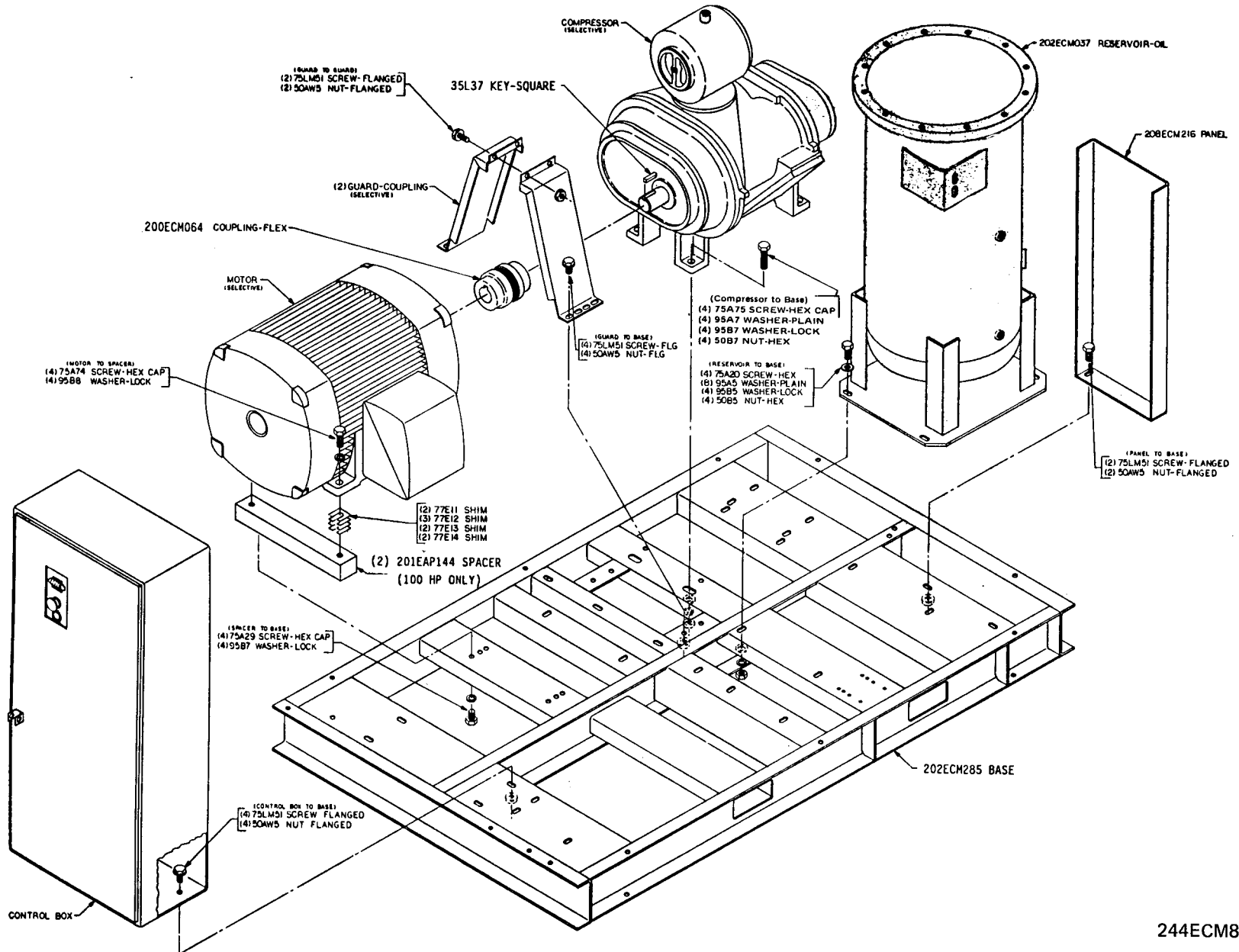
CONTROL BRACKET GROUP (Constant Speed Control – Intensive Injection)



CONTROL BRACKET GROUP (PC Control – Intensive Injection)

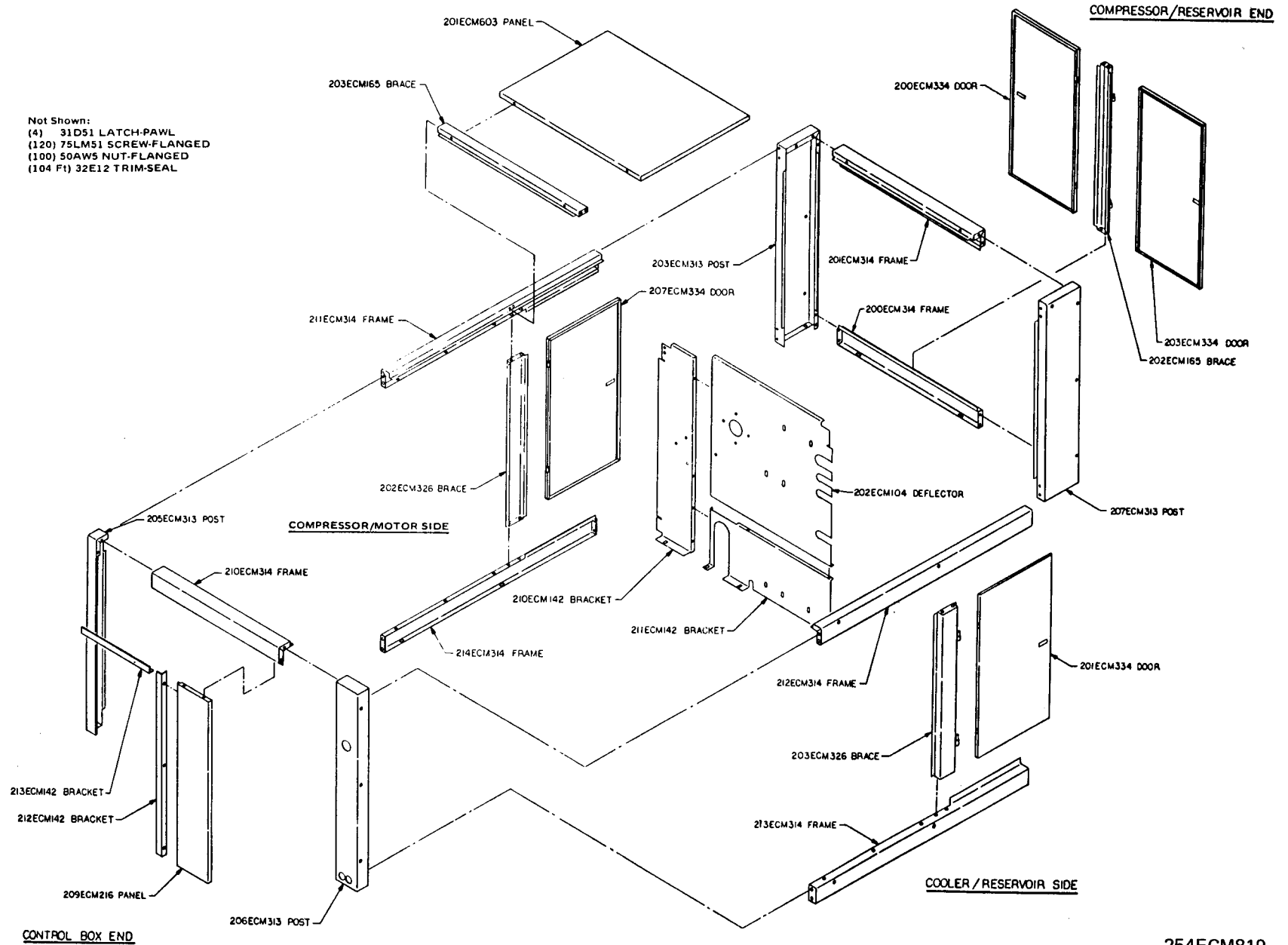


COMPRESSOR BASE GROUP

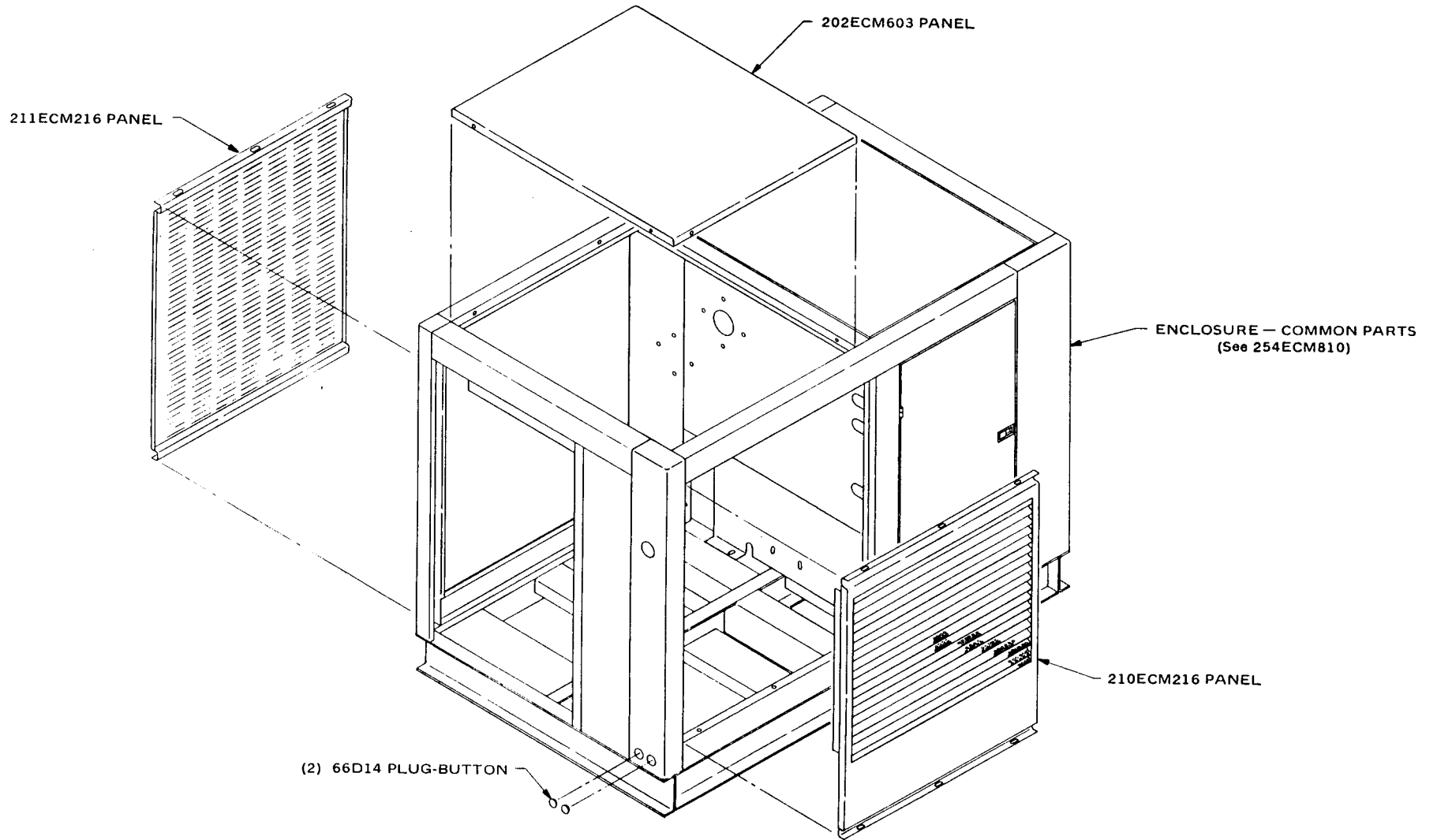


ENCLOSURE GROUP (Common Parts)

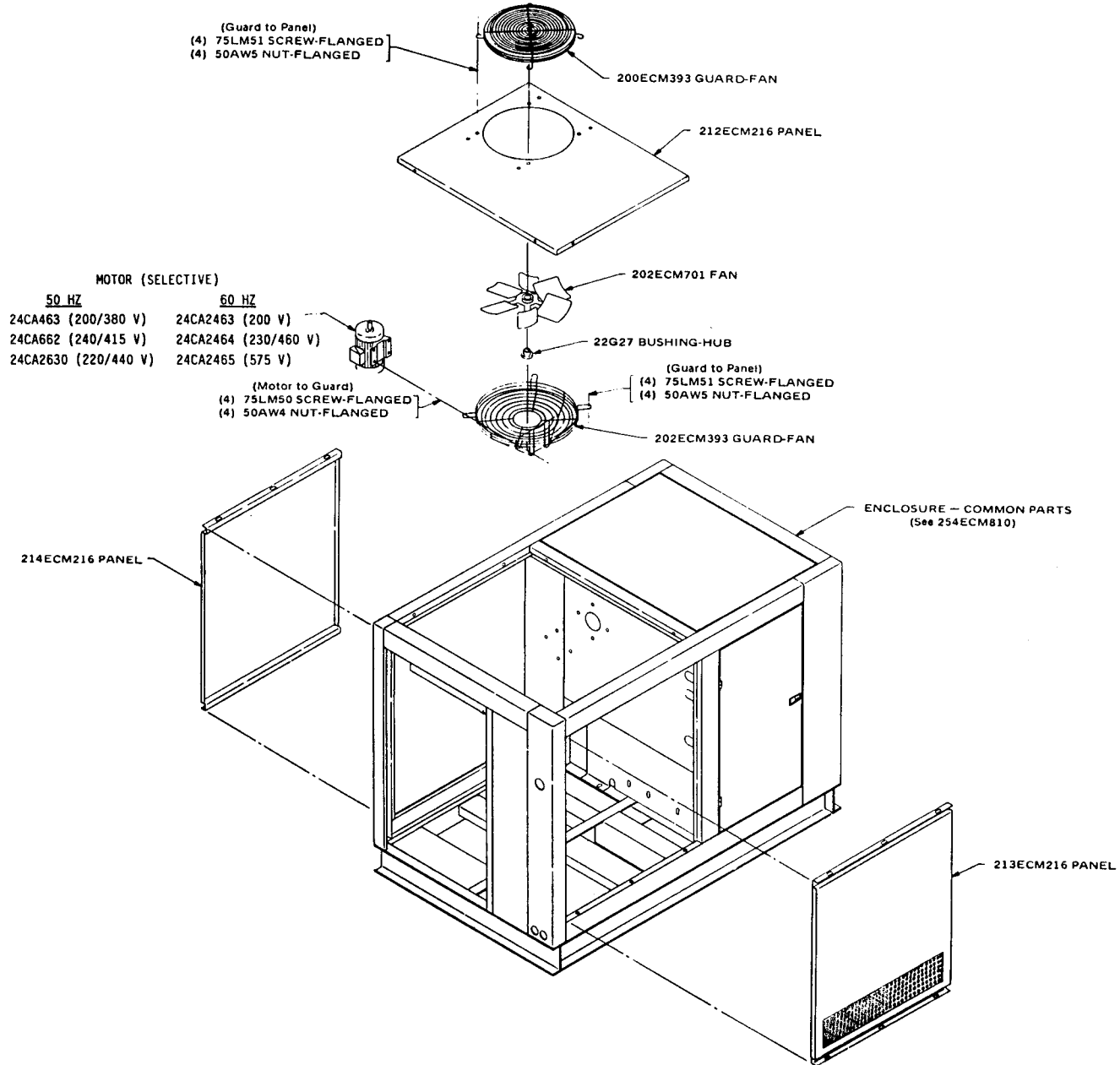
Not Shown:
 (4) 31D51 LATCH-PAWL
 (120) 75LM51 SCREW-FLANGED
 (100) 50AW5 NUT-FLANGED
 (104 F1) 32E12 TRIM-SEAL



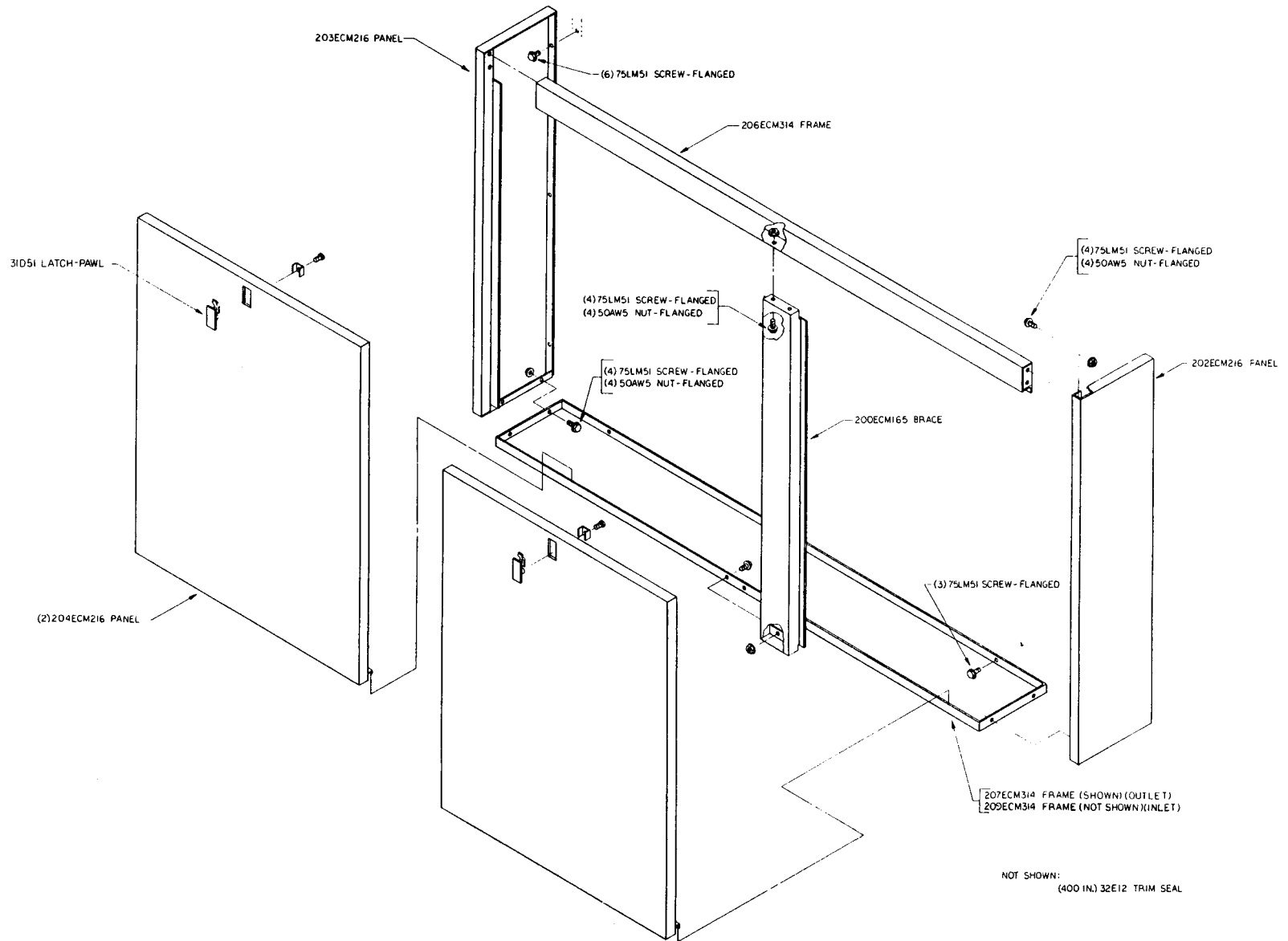
**ENCLOSURE GROUP
(Air Cooled Units)**



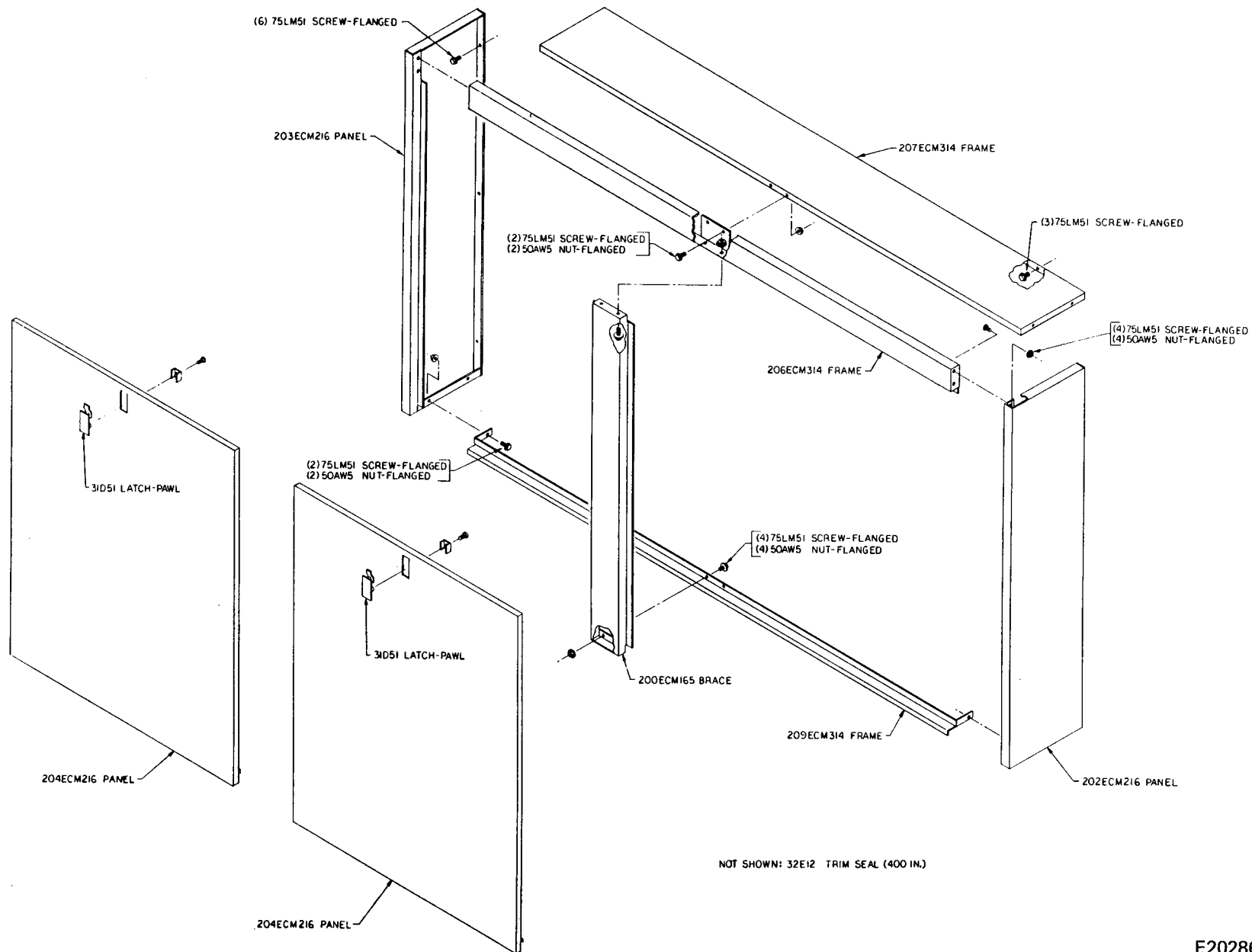
ENCLOSURE GROUP (Water Cooled Units)



**BAFFLE ASSEMBLY
(Quiet Outlet Side)**



BAFFLE ASSEMBLY (Quiet Inlet Side)



Name of Part	Qty. Req. Per Comp.	100 HP	100 HP
		With Enclosure	Without Enclosure
COUPLING GUARD GROUP		Part No.	Part No.
GUARD-COUPLING, Flexible Coupling.....	2	206ECM339	207ECM339
SCREW-FLANGED, Guards to Base.....	4	75LM51	75LM51
NUT-FLANGED, Guards to Base.....	4	50AW5	50AW5
KEY-SQUARE (COMPR SHAFT)(1/2 SQ x 2.00 ROE)...	1	35L37	35L37
COUPLING-FLEX (ODP/TEFC Motor).....	1	200ECM064	200ECM064
CUSHION.....	1	2116152	2116152

IDENTIFICATION & INSTRUCTION GROUP

DECAL, Drain Moisture.....	1	205ES0ø77	205ES0ø77
DECAL, G-D Vertical.....	2	69F18	69F18
DECAL, Control Voltage.....	1	69D38	69D38
DECAL, Grounding.....	1	208ESG077	208ESG077
DECAL, Copper Wire Only.....	1	224ESG077	214ESG077
DECAL, Warning - Do Not Breathe Air.....	1	209SPH077	209SPH077
DECAL, Warning Shock.....	2	202ESG077	202ESG077
PLATE-DATA, Oil Level.....	1	200ESG454	200ESG454
DECAL, Filled at Factory with GD-800.....	1	200EBE077	200EBE077
DECAL, Caution.....	1	203ESF077	203ESF077
DECAL, Operating & Maintenance.....	1	200ECM077	200ECM077
DECAL, Oil Reservoir.....	1	None	200EAP077
DECAL, <i>Electra-Saver II</i> ®.....	3	202ECQø77	None
DECAL, Red with Black Border.....	4	203ES0ø77	None
DECAL, Parts Lists & Service Manual Book No...	1	204EDE077	204EDE077

MOTOR GROUP
(Main Drive Motors)

Column Code	Name of Part	Part No.
OPEN DRIP PROOF		
(60 HZ – ODP)		
13A	MOTOR, 200 V	24BC15X2
	MARKER-VOLTAGE, 200 V	69F1
13B	MOTOR, 230 V	24BC15X1
	MARKER-VOLTAGE, 230 V	69F2
13C	MOTOR, 460 V	24BC15X1
	MARKER-VOLTAGE, 460 V	69F3
13D	MOTOR, 575 V	24CA62
	MARKER-VOLTAGE, 575 V	69F28
TOTALLY ENCLOSED FAN COOLED		
(60 HZ – TEFC)		
13M	MOTOR, 200 V	24CA2360
	MARKER-VOLTAGE, 200 V	69F1
13N	MOTOR, 230 V	24CA2361
	MARKER-VOLTAGE, 230 V	69F2
13O	MOTOR, 460 V	24CA2361
	MARKER-VOLTAGE, 460 V	69F3
13P	MOTOR, 575 V	24CA2462
	MARKER-VOLTAGE, 575 V	69F28
TOTALLY ENCLOSED FAN COOLED		
(60 HZ – TEFC – SEVERE DUTY/M & C)		
—	MOTOR, 200 V	24CA325
	MARKER-VOLTAGE, 200 V	69F1
—	MOTOR, 230 V	24CA326
	MARKER-VOLTAGE, 230 V	69F2
—	MOTOR, 460 V	24CA326
	MARKER-VOLTAGE, 460 V	69F3
—	MOTOR, 575 V	24CA328
	MARKER-VOLTAGE, 575 V	69F28

VOLTAGE	COLUMN CODE	C/S STR BOX	PC STR BOX	* WIRING HARNESS GROUP	OL HTRS (COMPR) (3)	OL HTRS (FAN) (3)	FUSES (FAN) (3)	FAN MTR	FUSE DECALS STR BOX SEC FUSE	STR BOX PRI FUSE
100 HP AIR COOLED WITH COMPRESSOR & FAN MOTOR STARTERS										
230 V	8 & 9	222ECM466	223ECM466	EAP80312	24CA1784	24CA2488	24CA2478	244AUX077	245AUX077	206AUX077
460 V	8 & 9	200ECM466	201ECM466	EAP80315	24CA1789	24CA2486	24CA2477	243AUX077	245AUX077	246AUX077
575 V	8 & 9	202ECM466	203ECM466	ECM80314	24CA971	24CA2486	24CA2477	243AUX077	245AUX077	246AUX077

VOLTAGE	COLUMN CODE	C/S STR BOX	PC STR BOX	* WIRING HARNESS GROUP	OL HTRS (COMPR) (3)	OL HTRS (FAN) (3)	FUSES (FAN) (3)	FAN MTR	FUSE DECALS STR BOX SEC FUSE	STR BOX PRI FUSE
100 HP WATER COOLED WITH COMPRESSOR & FAN MOTOR STARTERS										
230 V	8 & 9	222ECM466	223ECM466	EAP80325	24CA1784	24CA2482	24CA2476	242AUX077	245AUX077	206AUX077
460 V	8 & 9	200ECM466	201ECM466	EAP80329	24CA1789	24CA2480	24CA2475	241AUX077	245AUX077	246AUX077
575 V	8 & 9	202ECM466	203ECM466	ECM80328	24CA971	24CA2480	24CA2475	241AUX077	245AUX077	246AUX077

VOLTAGE	COLUMN CODE	C/S STR BOX	PC STR BOX	* FUSE GROUP	OL HTRS (FAN) (3)	FUSE (FAN)	FAN MTR	FUSE DECALS STR BOX SEC FUSE	STR BOX PRI FUSE	FUSE (2)
100 HP AIR COOLED - FAN MOTOR STARTER (COOLING MODULE) ONLY - WITHOUT COMPRESSOR STARTER										
230 V	8 & 9	210ECM466	211ECM466	ECM80319	24CA2488	24CA2478	244AUX077	245AUX077	206AUX077	24CA617
460 V	8 & 9	210ECM466	211ECM466	ECM80320	24CA2486	24CA2477	243AUX077	245AUX077	246AUX077	-----
575 V	8 & 9	214ECM466	215ECM466	ECM80320	24CA2486	24CA2477	243AUX077	245AUX077	246AUX077	-----

VOLTAGE	COLUMN CODE	C/S STR BOX	PC STR BOX	* FUSE GROUP	OL HTRS (FAN) (3)	FUSE (FAN)	FAN MTR	FUSE DECALS STR BOX SEC FUSE	STR BOX PRI FUSE	FUSE (2)
100 HP WATER COOLED - FAN MOTOR STARTER (VENT FAN) ONLY - WITHOUT COMPRESSOR STARTER										
230 V	8 & 9	210ECM466	211ECM466	ECM80332	24CA2482	24CA2476	242AUX077	245AUX077	206AUX077	24CA617
460 V	8 & 9	210ECM466	211ECM466	ECM80333	24CA2480	24CA2475	241AUX077	245AUX077	246AUX077	-----
575 V	8 & 9	214ECM466	215ECM466	ECM80333	24CA2480	24CA2475	241AUX077	245AUX077	246AUX077	-----

VOLTAGE	COLUMN CODE	C/S STR BOX	PC CONT BOX	* WIRING HARNESS GROUP	STR BOX SEC FUSE	STR BOX PRI FUSE	OL HTRS (COMPR) (3)	FUSE (2)
100 HP WATER COOLED - COMPRESSOR MOTOR STARTER ONLY - WITHOUT ENCLOSURE								
230 V	8 & 9	228ECM466	229ECM466	EAP80338	245AUX077	206AUX077	24CA1784	-----
460 V	8 & 9	204ECM466	205ECM466	EAP80368	245AUX077	246AUX077	24CA1789	-----
575 V	8 & 9	208ECM466	209ECM466	ECM80367	245AUX077	246AUX077	24CA971	-----

VOLTAGE	COLUMN CODE	C/S STR BOX	PC STR BOX	* WIRING HARNESS GROUP	STR BOX SEC FUSE	STR BOX PRI FUSE	OL HTRS (COMPR) (3)	FUSE (2)
100 HP WATER COOLED - RELAY ONLY - WITHOUT ENCLOSURE & COMPRESSOR MOTOR STARTER								
230 V	8 & 9	216ECM466	217ECM466	ECM80371	245AUX077	206AUX077	-----	24CA617
460 V	8 & 9	216ECM466	217ECM466	ECM80372	245AUX077	246AUX077	-----	-----
575 V	8 & 9	220ECM466	221ECM466	ECM80372	245AUX077	246AUX077	-----	-----

* Wiring Harness/Fuse Group contains overload heaters, fuses and decals where applicable.

Name of Part	Quantity	Part No.
REPAIR KITS		
ROUTINE MAINTENANCE KIT (3000 Hrs.), STANDARD FILTER, Includes following.....		ECM80671
ELEMENT, Air Filter.....	2	2010486
ELEMENT, Oil Filter.....	3	2116110
ROUTINE MAINTENANCE KIT (3000 Hrs.), HEAVY DUTY FILTER, Includes following.....		ECM80673
ELEMENT, Air Filter.....	2	2008944
ELEMENT, Oil Filter.....	3	2116110
PERIODIC MAINTENANCE KIT, Includes the following.....		ECM77076
DISCHARGE VALVE, Inlet Valve.....	1	200SSK067
SPRING, Inlet Valve.....	1	78W12
SPRING, Inlet Valve Piston.....	1	78A302
PACKING-RING, Block Vee.....	2	60AM48
PERIODIC OVERHAUL KIT, Includes the following.....		ECP80378
SEAL-SHAFT, Drive Shaft.....	1	60DD104
BEARING-ROLLER, Inlet End Main Rotor.....	1	12BA104
BEARING-ROLLER, Inlet End Secondary Rotor.....	1	12BA103
BEARING-ROLLER, Discharge End Main Rotor.....	2	12BA105
BEARING-ROLLER, Discharge End Secondary Rotor.....	2	12BA106
KIT (Gasket & Shim) (SSP Compressor).....	1	SSP77956
SEPARATOR KIT, Includes the following.....		EAP81223
SEPARATOR, First Stage.....	1	200EAP035
CONNECTOR, Discharge Manifold.....	1	86N15
GASKET (Eliminator), Discharge Manifold to Cover.....	1	25BC222
ELBOW-TUBE, Dip Tube to Oil Return to Compressor Tube.....	1	86E95
PNEUMATIC CONTROL & GAUGES Kit (18000 Hrs.), <u>CONSTANT SPEED CONTROL</u> , Includes.....		ECM80299
GAUGE, Air Pressure.....	1	2009562
THERMOMETER, Compressor Discharge Temperature.....	1	93F2
VALVE-AIR CONTROL, Blowdown Valve.....	1	90AR399
VALVE-SUBTRACTIVE PILOT.....	2	2009398
KNOB.....	1	90AR400
PNEUMATIC CONTROL & GAUGES (18000 Hrs.), <u>PC CONTROL</u> , Includes the following.....		ECM80300
GAUGE, Air Pressure.....	1	2009562
THERMOMETER, Compressor Discharge Temperature.....	1	95F2
VALVE-AIR CONTROL, Blowdown Valve.....	1	90AR399
KNOB.....	1	90AR400
VALVE-SUBTRACTIVE PILOT.....	2	2009398
VALVE-AIR CONTROL.....	1	90AR324
VALVE.....	2	90AR107
ELECTRICAL CONTROL KIT (18000 Hours), <u>CONSTANT SPEED CONTROL</u> , Includes.....		ECM80301
SWITCH-TEMPERATURE.....	1	21D80
SWITCH-TEMPERATURE, Probe.....	2	21D81
VALVE-SOLENOID.....	1	91B70
SWITCH-PRESSURE, Reservoir Pressure.....	1	88H99
ELECTRICAL CONTROL KIT (18000 Hours), <u>PC CONTROL</u> , Includes.....		EAP80304
SWITCH-TEMPERATURE.....	1	21D80
SWITCH-TEMPERATURE, Probe.....	2	21D81
SWITCH-PRESSURE.....	1	88H137
SWITCH-PRESSURE.....	1	88A294
VALVE-SOLENOID.....	1	91B66
REGULATOR-PRESSURE.....	1	88H139
BRACKET, PRESS REGULATOR.....	1	88H140
DRIVE COUPLING KIT, Includes the following (51L41).....		EAP79355
SPIDER, Coupling.....	1	2109799
DRIVE COUPLING KIT, Includes the following item (200ECM064).....		EAP80767
CUSHION, Coupling.....	1	2116152

NOTE: For SSH Bare Compressor parts consult factory.

Gardner

Denver

For additional information contact your local representative or
Gardner Denver Machinery Inc., Customer Service Department,
1800 Gardner Expressway, Quincy, Illinois 62301
Telephone: (800) 682-9668 FAX: (217) 224-7814



Sales and Service in all major cities.

For parts information, contact Gardner Denver,
Master Distribution Center, Memphis, TN
Telephone: (800) 245-4946 FAX: (901) 542-6159

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