



**GARDNER-DENVER®**

13-8-503  
2nd Edition

**ELECTRA-SCREW®  
STATIONARY  
TANK/BASE-MOUNTED COMPRESSORS**

**MODEL EBE\_ \_C  
15 THRU 30 HP**

**Parts List**



**INDUSTRIAL MACHINERY**

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## 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 the compressor. Right Hand and Left Hand are indicated in parenthesis following part name, i.e. (RH) and (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.

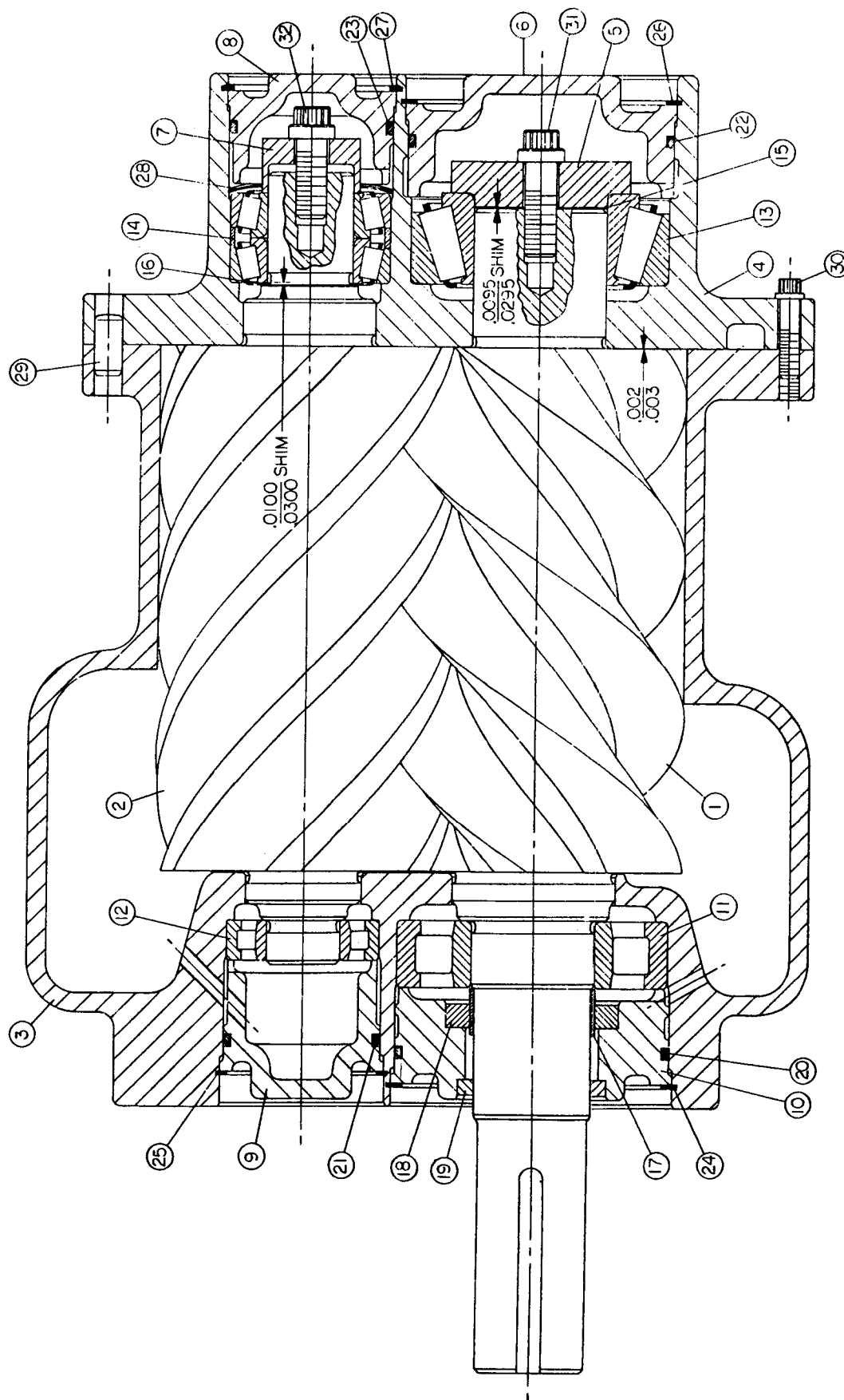
All parts returned for credit should be handled in the same manner as that for duplication or inspection.

**MODEL EBE**  
**15, 20, 25 & 30 HP AIR-COOLED**  
**ELECTRA-SCREW® 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 | B | E | C |   |   |   |   |   |    |    |    |    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|
| COLUMN NUMBER:                                                                                                                                                                                                                                                                                                    | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| <p>FOLLOW THE LINE DOWN AND OVER FROM EACH SPACE THUS FILLED IN TO FIND THE APPROPRIATE CONSTRUCTION OPTIONS 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.</p> | E | B | E |   |   |   |   |   |   |    |    |    |    |
| COLUMNS 1, 2 & 3 - COMPRESSOR TYPE & SIZE _____                                                                                                                                                                                                                                                                   |   |   |   |   |   |   |   |   |   |    |    |    |    |
| COLUMN 4 - TYPE OF CONSTRUCTION _____                                                                                                                                                                                                                                                                             |   |   |   |   |   |   |   |   |   |    |    |    |    |
| Q. Base Mounted                                                                                                                                                                                                                                                                                                   |   |   |   |   |   |   |   |   |   |    |    |    |    |
| R. Tank Mounted                                                                                                                                                                                                                                                                                                   |   |   |   |   |   |   |   |   |   |    |    |    |    |
| COLUMN 5 - HORSEPOWER _____                                                                                                                                                                                                                                                                                       |   |   |   |   |   |   |   |   |   |    |    |    |    |
| D. 15 HP                                                                                                                                                                                                                                                                                                          |   |   |   |   |   |   |   |   |   |    |    |    |    |
| E. 20 HP                                                                                                                                                                                                                                                                                                          |   |   |   |   |   |   |   |   |   |    |    |    |    |
| F. 25 HP                                                                                                                                                                                                                                                                                                          |   |   |   |   |   |   |   |   |   |    |    |    |    |
| G. 30 HP                                                                                                                                                                                                                                                                                                          |   |   |   |   |   |   |   |   |   |    |    |    |    |
| COLUMN 6 - ENGINEERING SPECIFICATION _____                                                                                                                                                                                                                                                                        |   |   |   |   |   |   |   |   |   |    |    |    |    |
| COLUMN 7 - PRESSURE & HZ _____                                                                                                                                                                                                                                                                                    |   |   |   |   |   |   |   |   |   |    |    |    |    |
| A. 100 PSIG - 60 HZ                                                                                                                                                                                                                                                                                               |   |   |   |   |   |   |   |   |   |    |    |    |    |
| B. 125 PSIG - 60 HZ                                                                                                                                                                                                                                                                                               |   |   |   |   |   |   |   |   |   |    |    |    |    |
| C. 150 PSIG - 60 HZ                                                                                                                                                                                                                                                                                               |   |   |   |   |   |   |   |   |   |    |    |    |    |
| D. 175 PSIG - 60 HZ                                                                                                                                                                                                                                                                                               |   |   |   |   |   |   |   |   |   |    |    |    |    |
| COLUMN 8 - CONTROL TYPE _____                                                                                                                                                                                                                                                                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |
| A. Pilot Unloader                                                                                                                                                                                                                                                                                                 |   |   |   |   |   |   |   |   |   |    |    |    |    |
| B. Modulating                                                                                                                                                                                                                                                                                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |
| COLUMN 9 - CONTROL BOX STARTER (Per Voltage) _____                                                                                                                                                                                                                                                                |   |   |   |   |   |   |   |   |   |    |    |    |    |
| A. 200 Volt                                                                                                                                                                                                                                                                                                       |   |   |   |   |   |   |   |   |   |    |    |    |    |
| B. 230 Volt                                                                                                                                                                                                                                                                                                       |   |   |   |   |   |   |   |   |   |    |    |    |    |
| C. 460 Volt                                                                                                                                                                                                                                                                                                       |   |   |   |   |   |   |   |   |   |    |    |    |    |
| D. 575 Volt                                                                                                                                                                                                                                                                                                       |   |   |   |   |   |   |   |   |   |    |    |    |    |
| COLUMN 10 - AIR FILTER/MIXING VALVE GROUP _____                                                                                                                                                                                                                                                                   |   |   |   |   |   |   |   |   |   |    |    |    |    |
| A. Standard Filter - Without Valve (15-20-25 HP)                                                                                                                                                                                                                                                                  |   |   |   |   |   |   |   |   |   |    |    |    |    |
| B. Standard Filter - With Valve (15-20-25 HP)                                                                                                                                                                                                                                                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |
| C. Standard Filter (30 HP Only)                                                                                                                                                                                                                                                                                   |   |   |   |   |   |   |   |   |   |    |    |    |    |
| D. Heavy Duty Filter W/O Valve (15-20-25 HP)                                                                                                                                                                                                                                                                      |   |   |   |   |   |   |   |   |   |    |    |    |    |
| E. Heavy Duty Filter With Valve (15-20-25 HP)                                                                                                                                                                                                                                                                     |   |   |   |   |   |   |   |   |   |    |    |    |    |
| F. Heavy Duty Filter (30 HP Only)                                                                                                                                                                                                                                                                                 |   |   |   |   |   |   |   |   |   |    |    |    |    |
| COLUMN 11 - ENCLOSURE _____                                                                                                                                                                                                                                                                                       |   |   |   |   |   |   |   |   |   |    |    |    |    |
| A. With Enclosure (Mounted & Unmounted in Kit Form)                                                                                                                                                                                                                                                               |   |   |   |   |   |   |   |   |   |    |    |    |    |
| B. Without Enclosure                                                                                                                                                                                                                                                                                              |   |   |   |   |   |   |   |   |   |    |    |    |    |
| COLUMN 12 - AIR RECEIVER/BASE MOUNTING GROUPS _____                                                                                                                                                                                                                                                               |   |   |   |   |   |   |   |   |   |    |    |    |    |
| A. Base Mounted                                                                                                                                                                                                                                                                                                   |   |   |   |   |   |   |   |   |   |    |    |    |    |
| B. 120 Gallon Tank - Without Cond. Drain Valve                                                                                                                                                                                                                                                                    |   |   |   |   |   |   |   |   |   |    |    |    |    |
| C. 120 Gallon Tank - With Cond. Drain Valve                                                                                                                                                                                                                                                                       |   |   |   |   |   |   |   |   |   |    |    |    |    |
| D. 120 Gallon Mass. Tank - Without Cond. Drain Valve                                                                                                                                                                                                                                                              |   |   |   |   |   |   |   |   |   |    |    |    |    |
| E. 120 Gallon Mass. Tank - With Cond. Drain Valve                                                                                                                                                                                                                                                                 |   |   |   |   |   |   |   |   |   |    |    |    |    |
| COLUMN 13 - COMPRESSOR DRIVE MOTOR _____                                                                                                                                                                                                                                                                          |   |   |   |   |   |   |   |   |   |    |    |    |    |
| A. 200 V - 60 HZ - ODP                                                                                                                                                                                                                                                                                            |   |   |   |   |   |   |   |   |   |    |    |    |    |
| B. 230 V - 60 HZ - ODP                                                                                                                                                                                                                                                                                            |   |   |   |   |   |   |   |   |   |    |    |    |    |
| C. 460 V - 60 HZ - ODP                                                                                                                                                                                                                                                                                            |   |   |   |   |   |   |   |   |   |    |    |    |    |
| D. 575 V - 60 HZ - ODP                                                                                                                                                                                                                                                                                            |   |   |   |   |   |   |   |   |   |    |    |    |    |
| E. 200 V - 60 HZ - TEFC                                                                                                                                                                                                                                                                                           |   |   |   |   |   |   |   |   |   |    |    |    |    |
| F. 230 V - 60 HZ - TEFC                                                                                                                                                                                                                                                                                           |   |   |   |   |   |   |   |   |   |    |    |    |    |
| G. 460 V - 60 HZ - TEFC                                                                                                                                                                                                                                                                                           |   |   |   |   |   |   |   |   |   |    |    |    |    |
| H. 575 V - 60 HZ - TEFC                                                                                                                                                                                                                                                                                           |   |   |   |   |   |   |   |   |   |    |    |    |    |

# BARE COMPRESSOR



For list of parts see page 5.

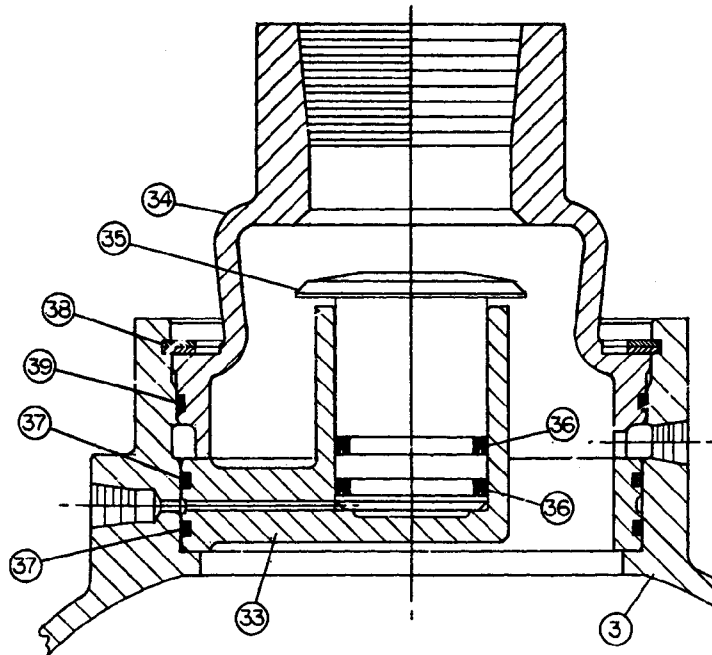
202SSE779

Order by Part Number and Description. Reference Numbers for your convenience only.

| Ref.<br>No. | Name of Part                                                   | Quantity | Part No.        | Part No.                              |
|-------------|----------------------------------------------------------------|----------|-----------------|---------------------------------------|
|             | BARE COMPRESSOR                                                |          | MODEL<br>SSEBBB | MODEL<br>SSEBBC<br>(Effective 5-1-88) |
| 1           | ROTOR, Main.....                                               | 1        | 204SSE010       | 204SSE010                             |
| 2           | ROTOR, Gate.....                                               | 1        | 205SSE010       | 205SSE010                             |
| 3           | CYLINDER.....                                                  | 1        | 204SSE002       | 205SSE002                             |
| 4           | HOUSING-BEARING, Discharge.....                                | 1        | 204SSE006       | 205SSE006                             |
| 5           | PLATE-BEARING RETAINER, Main Rotor Discharge.....              | 1        | 200SSE253       | 200SSE253                             |
| 6           | COVER, Main Rotor Discharge.....                               | 1        | 208SSE225       | 209SSE225                             |
| 7           | PLATE-BEARING RETAINER, Gate Rotor Discharge.....              | 1        | 201SSE253       | 201SSE253                             |
| 8           | COVER, Gate Rotor Discharge.....                               | 1        | 207SSE225       | 207SSE225                             |
| 9           | COVER, Gate Rotor Inlet.....                                   | 1        | 206SSE225       | 206SSE225                             |
| 10          | HOUSING-SEAL, Main Rotor Inlet.....                            | 1        | 200SSE362       | 200SSE362                             |
| 11          | BEARING-ROLLER, Main Rotor Inlet.....                          | 1        | 12BA130         | 12BA130                               |
| 12          | BEARING-ROLLER, Gate Rotor Inlet.....                          | 1        | 12BA129         | 12BA129                               |
| 13          | BEARING-ROLLER, Main Rotor Discharge.....                      | 1        | 12BA127         | 12BA127                               |
| 14          | BEARING-ROLLER, Gate Rotor Discharge.....                      | 1        | 12BA128         | 12BA128                               |
| 15          | SHIM, Main Rotor Discharge.....                                | 1        | 77H54           | 77H54                                 |
| 16          | SHIM, Gate Rotor Discharge.....                                | 1        | 77C58           | 77C58                                 |
| 17          | SLEEVE-WEAR, Main Rotor Inlet.....                             | 1        | 80M12           | 80M12                                 |
| 18          | SEAL, Main Rotor Inlet.....                                    | 1        | 60DD544         | 60DD544                               |
| 19          | SEAL, Main Rotor Inlet.....                                    | 1        | 60DD543         | 60DD543                               |
| 20          | O-RING, Main Rotor Inlet.....                                  | 1        | 25AH21          | 25AH21                                |
| 21          | O-RING, Gate Rotor Inlet.....                                  | 1        | 25AH6           | 25AH6                                 |
| 22          | O-RING, Main Rotor Discharge.....                              | 1        | 25AH20          | 25AH20                                |
| 23          | O-RING, Gate Rotor Discharge.....                              | 1        | 25AH7           | 25AH7                                 |
| 24          | RING-RETAINING, Main Rotor Inlet.....                          | 1        | 74D48           | 74D48                                 |
| 25          | RING-RETAINING, Gate Rotor Inlet.....                          | 1        | 74D22           | 74D22                                 |
| 26          | RING-RETAINING, Main Rotor Discharge.....                      | 1        | 74D38           | 74D38                                 |
| 27          | RING-RETAINING, Gate Rotor Discharge.....                      | 1        | 74D47           | 74D54                                 |
| 28          | SPRING, Gate Rotor Discharge.....                              | 2        | 78W47           | 78W47                                 |
| 29          | PIN-DOWEL, Discharge Bearing Housing to Cylinder..             | 2        | 62M83           | 62M83                                 |
| 30          | SCREW-12 PT CAP, Discharge Bearing Housing<br>to Cylinder..... | SEE ( )  | (16) 75LM116N   | (17) 75LM116N                         |
| 31          | SCREW-12 PT CAP, Main Rotor Discharge.....                     | 1        | 2009630N        | 2009630N                              |
| 32          | SCREW-12 PT CAP, Gate Rotor Discharge.....                     | 1        | 75LM123N        | 75LM123N                              |
| 33          | HOUSING-INLET, Inlet Valve.....                                | 1        | 202SSE041       | 202SSE041                             |
| 34          | SEAT, Inlet Valve.....                                         | 1        | 200SSE256       | 200SSE256                             |
| 35          | PISTON-INLET VALVE.....                                        | 1        | 201SSE043       | 201SSE043                             |
| 36          | PACKING-RING, Inlet Valve Piston.....                          | 2        | 60AM46          | 60AM46                                |
| 37          | O-RING, Inlet Valve.....                                       | 2        | 25AH34          | 25AH34                                |
| 38          | RING-RETAINING, Inlet Valve.....                               | 1        | 74D50           | 74D50                                 |
| 39          | O-RING, Inlet Valve Seat.....                                  | 1        | 25AH35          | 25AH35                                |
| +           | FOOT, Compressor.....                                          | 2        | 200SSE166       | 201SSE166                             |
| +           | SCREW-12 PT CAP, Foot to Cylinder.....                         | 4        | 75LM123         | 75LM123                               |
| +           | PLUG-SOHD, Main/Gate Rotor Bearing Oil Line.....               | 2        | 64EB153         | 64EB153                               |
| +           | PLUG-SOHD, Cylinder-Gate Rotor Side.....                       | 1        | 64AC1           | 64AC1                                 |
| +           | PLUG-SOHD, Cylinder Side.....                                  | 2        | 64AC2           | 64AC2                                 |
| +           | GASKET-ELIM, Discharge Bearing Housing to Cylinder             | 1        | 25BC256         | 25BC256                               |

+ Not shown on illustration.

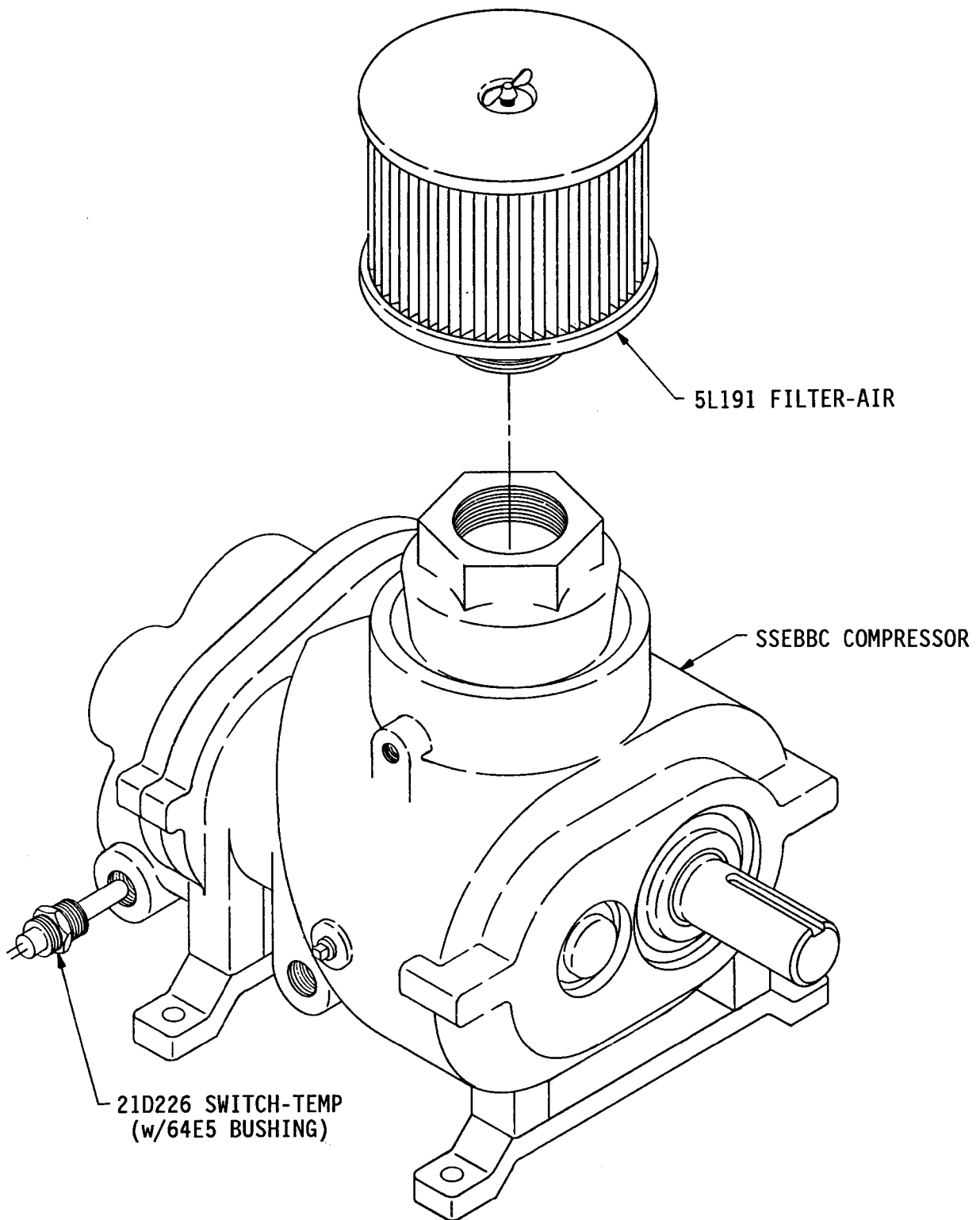
## INLET VALVE & MOUNTING GROUP



202SSE799

See page 5 for part numbers.

STANDARD AIR FILTER & TEMP SW

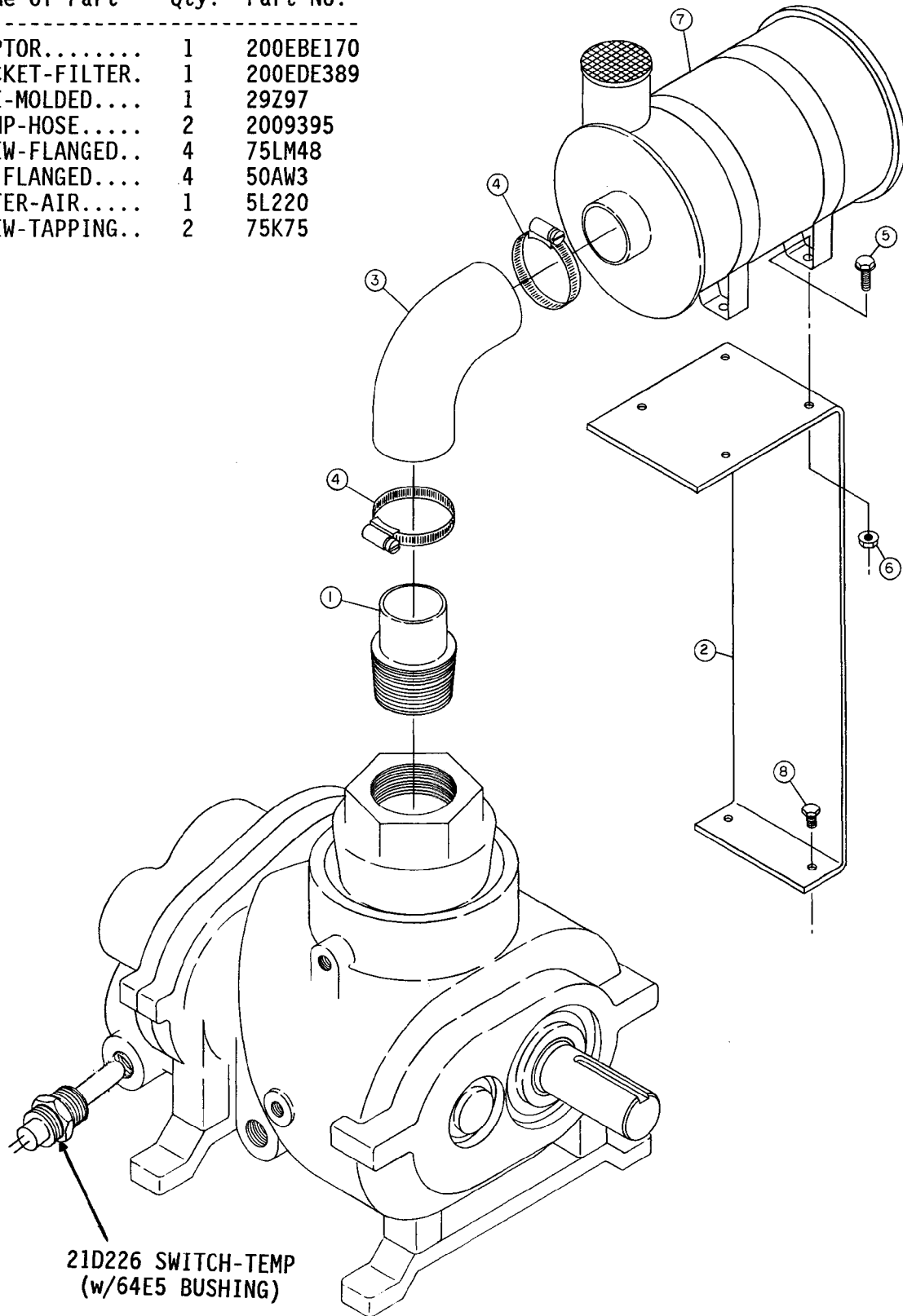


# HEAVY DUTY AIR FILTER

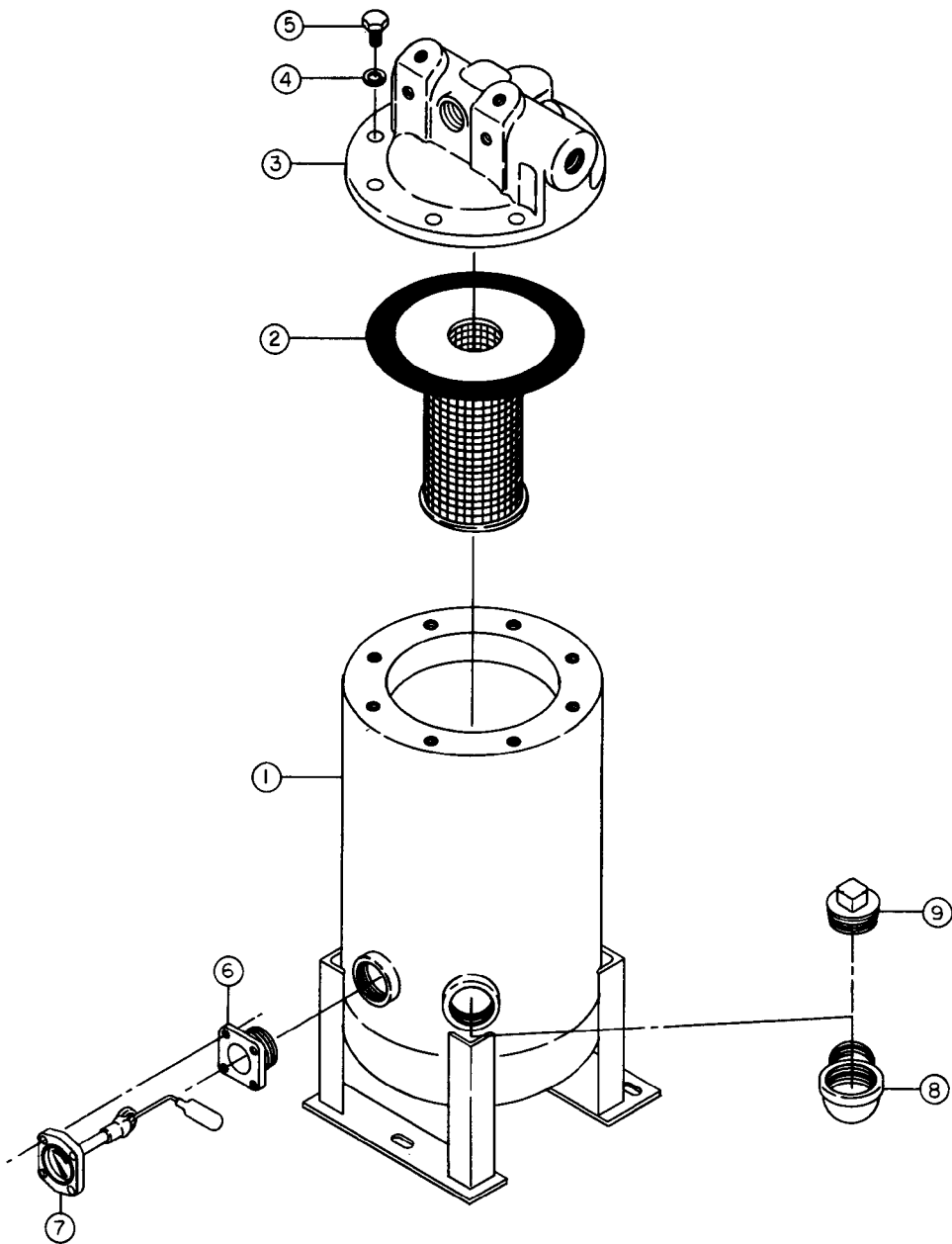
Order by Part Number and Description. Reference Numbers for your convenience only.

Ref.

| No. | Name of Part    | Qty. | Part No.  |
|-----|-----------------|------|-----------|
| 1   | ADAPTOR.....    | 1    | 200EBE170 |
| 2   | BRACKET-FILTER. | 1    | 200EDE389 |
| 3   | HOSE-MOLDED.... | 1    | 29Z97     |
| 4   | CLAMP-HOSE..... | 2    | 2009395   |
| 5   | SCREW-FLANGED.. | 4    | 75LM48    |
| 6   | NUT-FLANGED.... | 4    | 50AW3     |
| 7   | FILTER-AIR..... | 1    | 5L220     |
| 8   | SCREW-TAPPING.. | 2    | 75K75     |



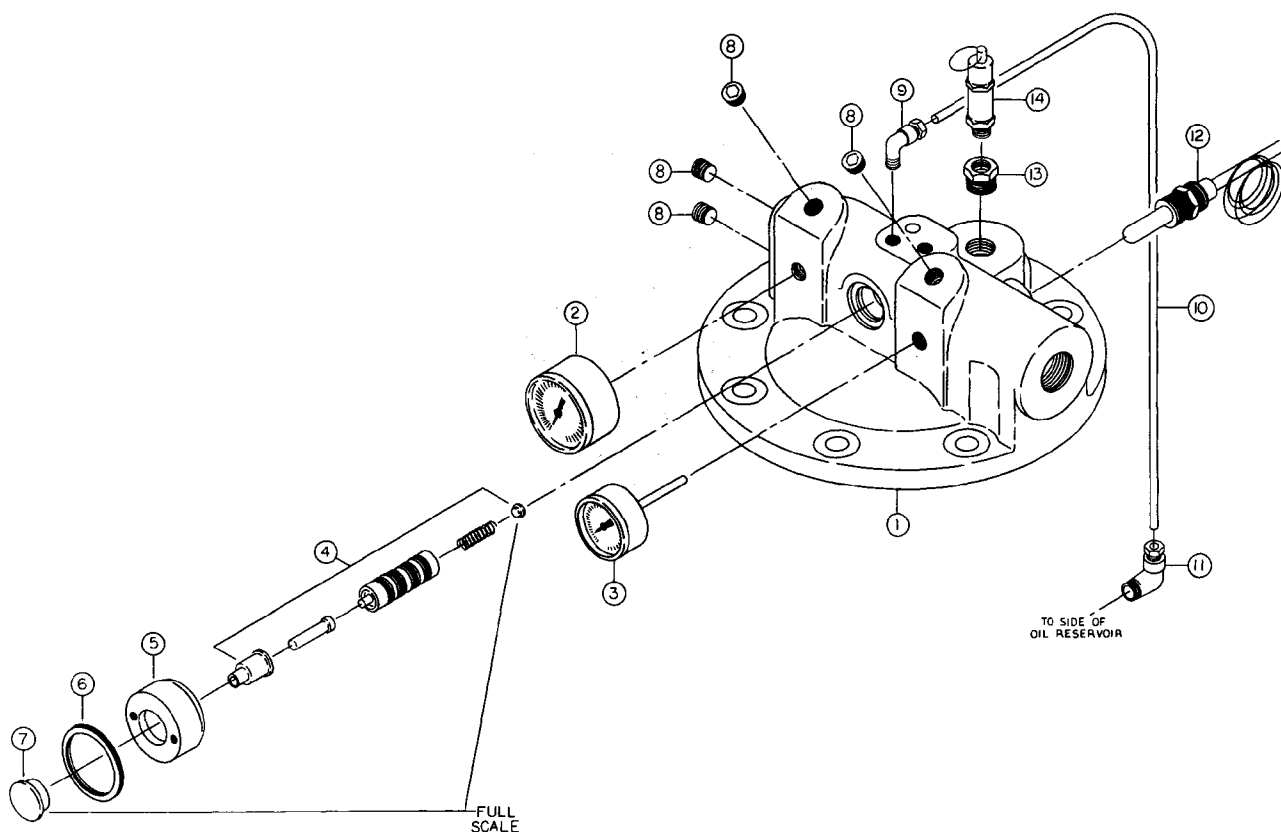
Order by Part Number and Description. Reference Numbers for your convenience only.



237EBE810

| Ref.<br>No.         | Name of Part           | Quantity | Part No.  |
|---------------------|------------------------|----------|-----------|
| OIL RESERVOIR GROUP |                        |          |           |
| 1                   | RESERVOIR-OIL.....     | 1        | 200EBE037 |
| 2                   | SEPARATOR-OIL.....     | 1        | 200EBE035 |
| 3                   | COVER.....             | 1        | 202EBE225 |
| 4                   | WASHER-LOCK.....       | 8        | 95B7      |
| 5                   | SCREW-HEX CAP.....     | 8        | 75A29     |
| 6                   | ADAPTOR.....           | 1        | 200EDE058 |
| 7                   | GAUGE-OIL LEVEL.....   | 1        | 200EDE303 |
| 8                   | ELBOW-PIPE STREET..... | 1        | 64D8G     |
| 9                   | PLUG-PIPE.....         | 1        | 64A27     |

Order by Part Number and Description. Reference Numbers for your convenience only.



238EBE810

Ref.  
No.

Name of Part

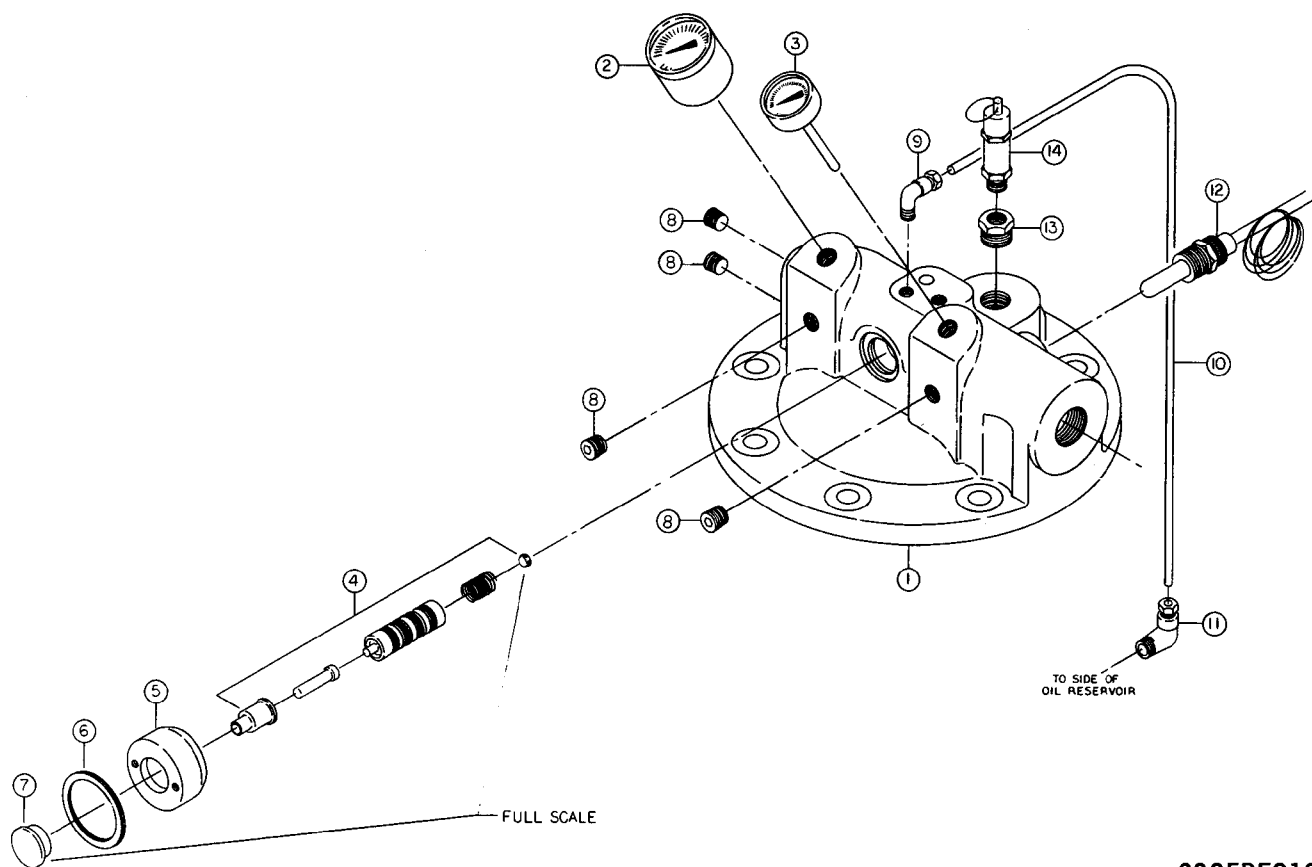
Quantity

Part No.

COVER PLATE - TANK MOUNTED

|    |                        |   |           |
|----|------------------------|---|-----------|
| 1  | COVER.....             | 1 | 202EBE225 |
| 2  | GAUGE-PRESSURE.....    | 1 | 27P52     |
| 3  | GAUGE-TEMPERATURE..... | 1 | 27H11     |
| 4  | VALVE-AIR CONTROL..... | 1 | 200EDE238 |
| 5  | RETAINER.....          | 1 | 200EDE205 |
| 6  | RING-RETAINING.....    | 1 | 74D49     |
| 7  | KNOB-BUTTON.....       | 1 | 90AR400   |
| 8  | PLUG-SOHD.....         | 1 | 64AC2     |
| 9  | ELBOW-TUBE.....        | 1 | 86E59     |
| 10 | TUBE.....              | - | 85K3      |
| 11 | ELBOW-TUBE.....        | 1 | 86E60     |
| 12 | SWITCH-TEMP.....       | 1 | 21D266    |
| 13 | BUSHING-PIPE.....      | 1 | 64E2      |
| 14 | VALVE-SAFETY.....      | 1 | Selective |

Order by Part Number and Description. Reference Numbers for your convenience only.

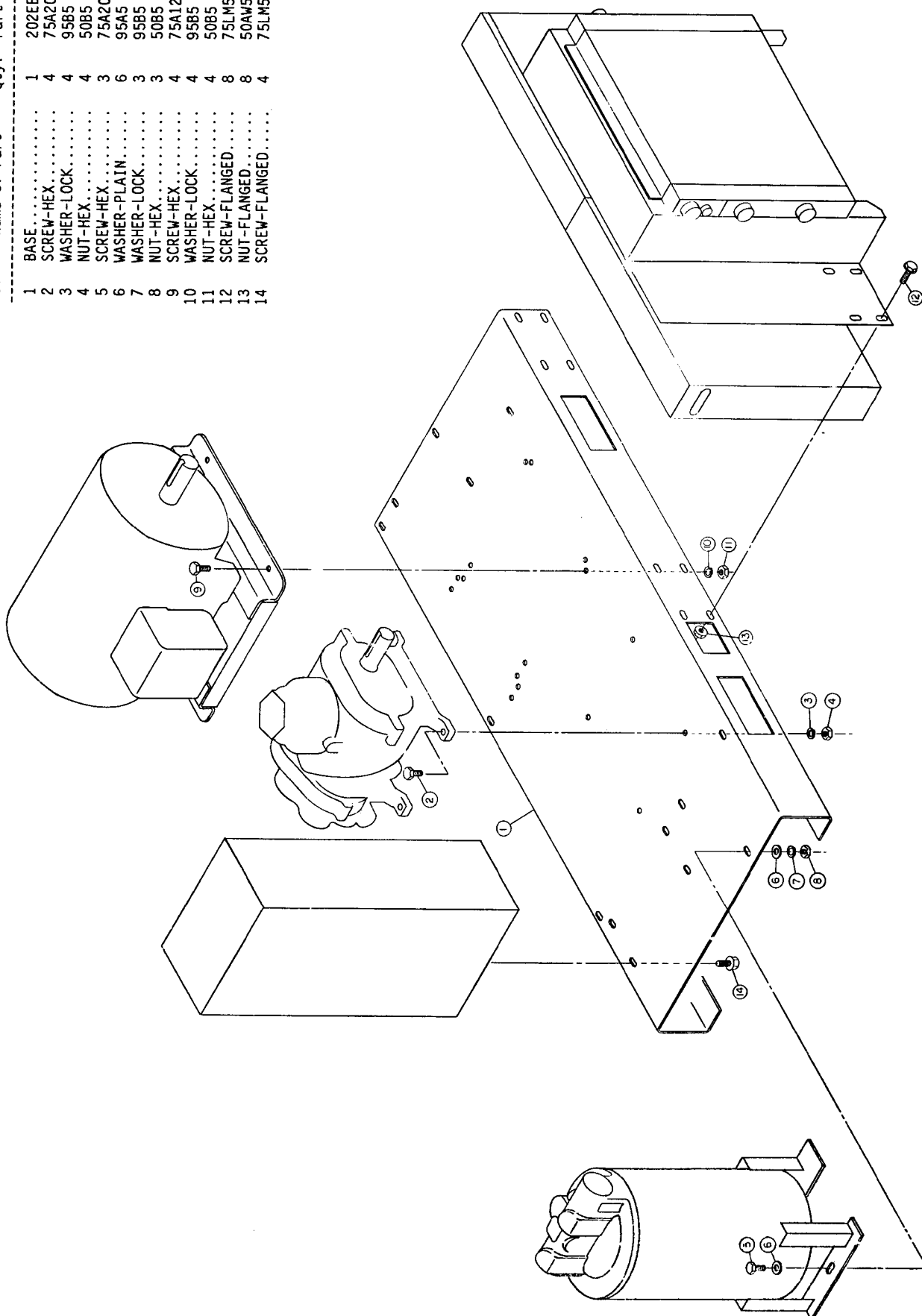


239EBE810

| Ref.<br>No.                | Name of Part           | Quantity | Part No.  |
|----------------------------|------------------------|----------|-----------|
| COVER PLATE - BASE MOUNTED |                        |          |           |
| 1                          | COVER.....             | 1        | 202EBE225 |
| 2                          | GAUGE-PRESSURE.....    | 1        | 27P52     |
| 3                          | GAUGE-TEMPERATURE..... | 1        | 27H11     |
| 4                          | VALVE-AIR CONTROL..... | 1        | 200EDE238 |
| 5                          | RETAINER.....          | 1        | 200EDE205 |
| 6                          | RING-RETAINING.....    | 1        | 74D49     |
| 7                          | KNOB-BUTTON.....       | 1        | 90AR400   |
| 8                          | PLUG-SOHD.....         | 1        | 64AC2     |
| 9                          | ELBOW-TUBE.....        | 1        | 86E59     |
| 10                         | TUBE.....              | -        | 85K3      |
| 11                         | ELBOW-TUBE.....        | 1        | 86E60     |
| 12                         | SWITCH-TEMP.....       | 1        | 21D266    |
| 13                         | BUSHING-PIPE.....      | 1        | 64E2      |
| 14                         | VALVE-SAFTEY.....      | 1        | Selective |

# BASE MOUNTING GROUP

| Ref. No. | Name of Part       | Qty. | Part No.  |
|----------|--------------------|------|-----------|
| 1        | BASE.....          | 1    | 202EBE285 |
| 2        | SCREW-HEX.....     | 4    | 75A20     |
| 3        | WASHER-LOCK.....   | 4    | 95B5      |
| 4        | NUT-HEX.....       | 4    | 50B5      |
| 5        | SCREW-HEX.....     | 3    | 75A20     |
| 6        | WASHER-PLAIN.....  | 6    | 95A5      |
| 7        | WASHER-LOCK.....   | 3    | 95B5      |
| 8        | NUT-HEX.....       | 3    | 50B5      |
| 9        | SCREW-HEX.....     | 4    | 75A12     |
| 10       | WASHER-LOCK.....   | 4    | 95B5      |
| 11       | NUT-HEX.....       | 4    | 50B5      |
| 12       | SCREW-FLANGED..... | 8    | 75LM51    |
| 13       | NUT-FLANGED.....   | 8    | 50AW5     |
| 14       | SCREW-FLANGED..... | 4    | 75LM51    |

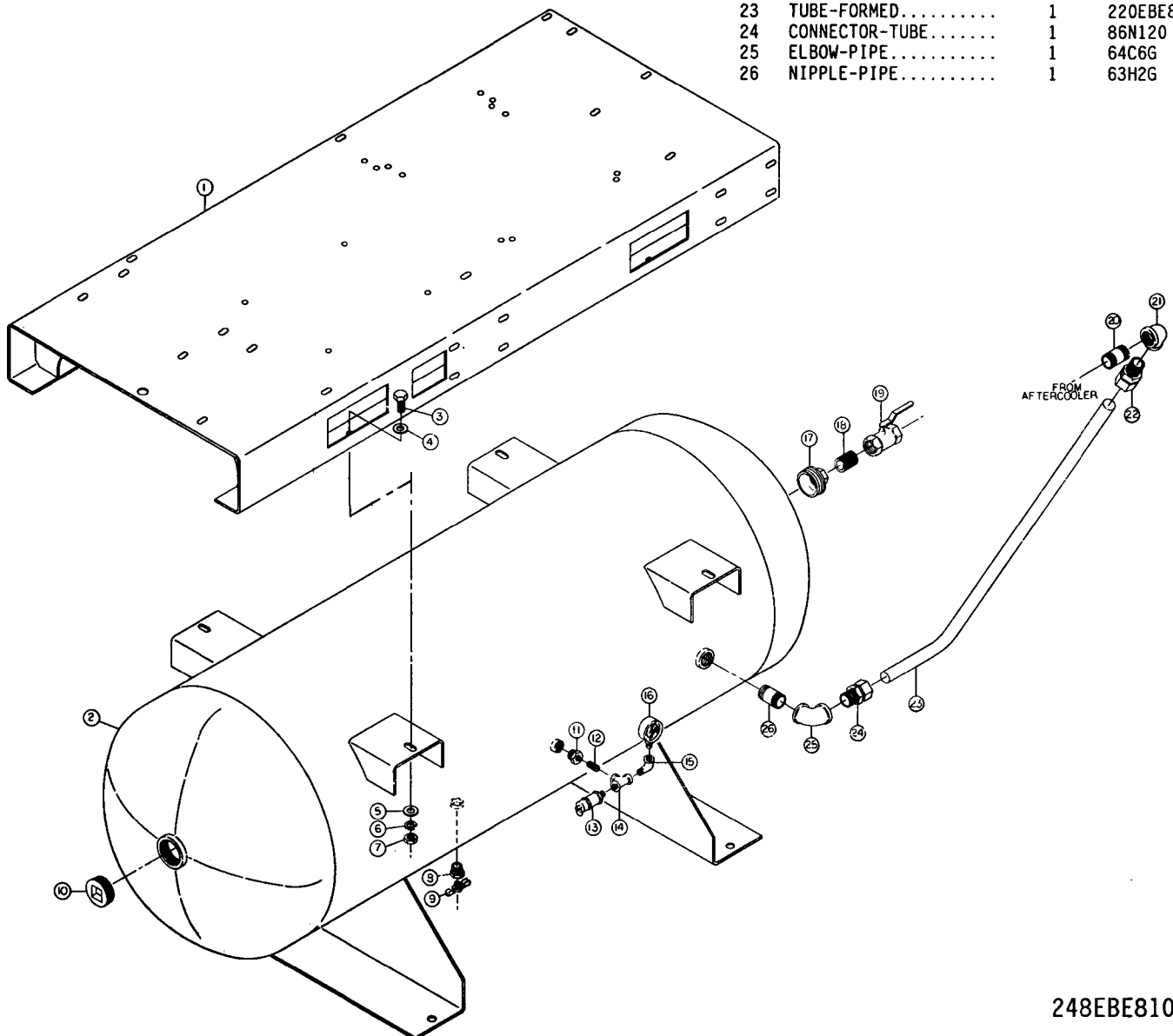


236EBE810

Order by Part Number and Description. Reference Numbers for your convenience only.

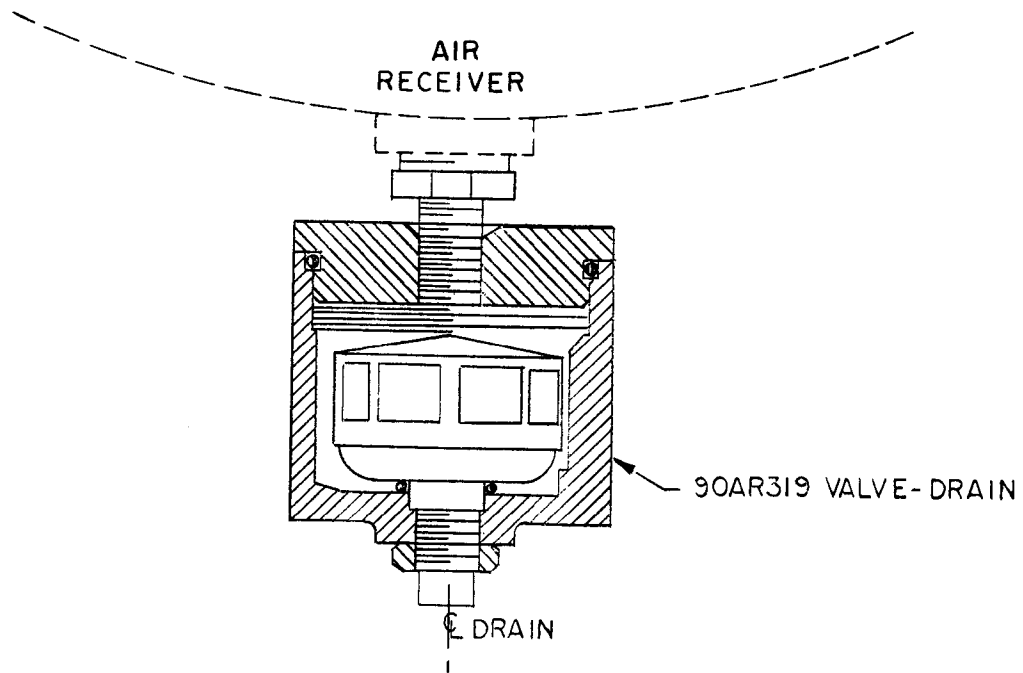
# AIR RECEIVER GROUP

| Ref.<br>No. | Name of Part          | Qty. | Part No.  |
|-------------|-----------------------|------|-----------|
| 1           | BASE.....             | 1    | 202EBE285 |
| 2           | RECEIVER-AIR.....     | 1    | 200EBE645 |
| 3           | SCREW-HEX CAP.....    | 4    | 75A20     |
| 4           | WASHER-PLAIN.....     | 4    | 95A5      |
| 5           | WASHER-PLAIN.....     | 4    | 95A5      |
| 6           | WASHER-LOCK.....      | 4    | 95B5      |
| 7           | NUT-HEX.....          | 4    | 50B5      |
| 8           | BUSHING-PIPE.....     | 1    | 64E2      |
| 9           | DRAIN-COCK.....       | 1    | 90C12     |
| 10          | PLUG-PIPE.....        | 1    | 64B7      |
| 11          | BUSHING-PIPE.....     | 1    | 64E2      |
| 12          | NIPPLE-PIPE.....      | 1    | 63D1G     |
| 13          | VALVE-SAFETY.....     | 1    | 90AR657   |
| 14          | TEE-PIPE.....         | 1    | 64G3G     |
| 15          | ELBOW-PIPE STREET.... | 1    | 64D2G     |
| 16          | GAUGE-AIR PRESSURE... | 1    | 27A114    |
| 17          | BUSHING-PIPE.....     | 1    | 64E11     |
| 18          | NIPPLE-PIPE.....      | 1    | 63H1G     |
| 19          | VALVE-BALL.....       | 1    | 90AR362   |
| 20          | NIPPLE-PIPE.....      | 1    | 63H2G     |
| 21          | ELBOW-PIPE.....       | 1    | 64C6G     |
| 22          | CONNECTOR-TUBE.....   | 1    | 86N120    |
| 23          | TUBE-FORMED.....      | 1    | 220EBE857 |
| 24          | CONNECTOR-TUBE.....   | 1    | 86N120    |
| 25          | ELBOW-PIPE.....       | 1    | 64C6G     |
| 26          | NIPPLE-PIPE.....      | 1    | 63H2G     |



248EBE810

# EJECTOR VALVE

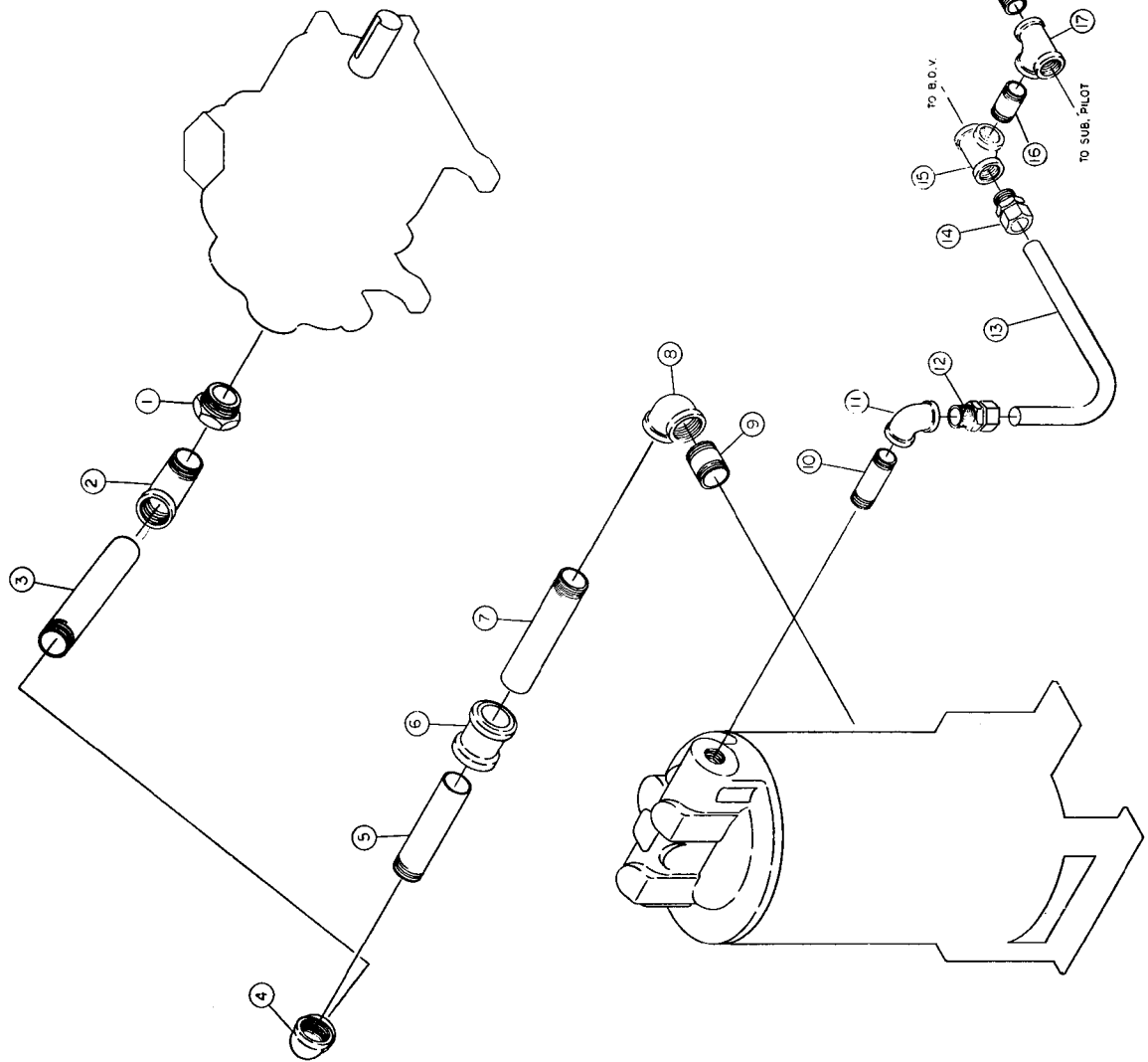


B76822

# **AIR PIPING GROUP** **(Compressor Discharge To Oil/Aftercooler)**

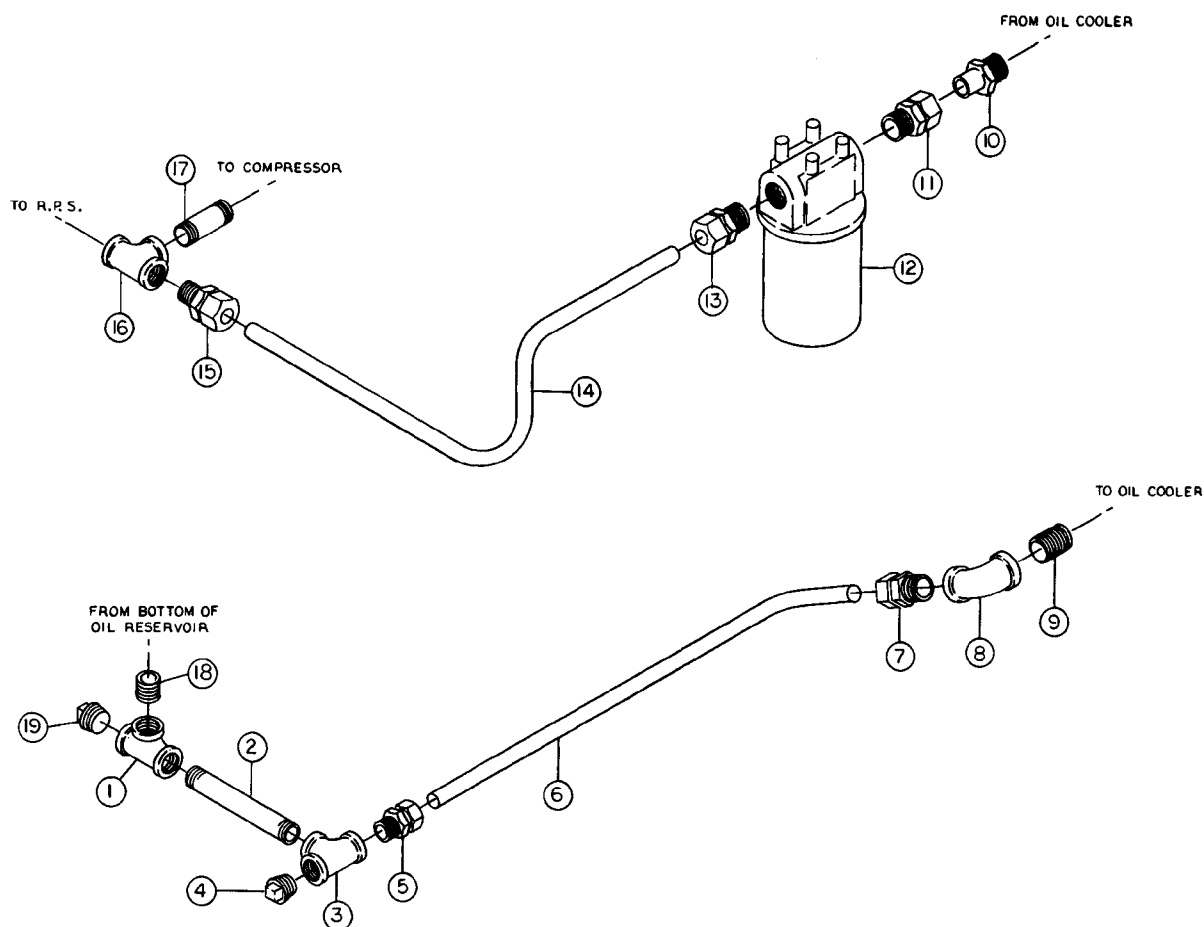
10-87

| Ref. No. | Name of Part        | Qty. | Part No.   |
|----------|---------------------|------|------------|
| 1        | BUSHING-PIPE.....   | 1    | 64E99      |
| 2        | ELBOW-PIPE STREET.  | 1    | 64D7G      |
| 3        | NIPPLE-PIPE.....    | 1    | 63J8G      |
| 4        | ELBOW-PIPE.....     | 1    | 64C7G      |
| 5        | NIPPLE-PIPE.....    | 1    | 63AJ20X70G |
| 6        | COUPLING-PIPE.....  | 1    | 64EB27     |
| 7        | NIPPLE-PIPE.....    | 1    | 63AJ20X82G |
| 8        | ELBOW-PIPE.....     | 1    | 64C7G      |
| 9        | NIPPLE-PIPE.....    | 1    | 63AA13G    |
| 10       | NIPPLE-PIPE.....    | 1    | 63H10G     |
| 11       | ELBOW-PIPE.....     | 1    | 64C6G      |
| 12       | CONNECTOR-TUBE..... | 1    | 86N120     |
| 13       | TUBE-FORMED.....    | 1    | 219EBE857  |
| 14       | CONNECTOR-TUBE..... | 1    | 86N120     |
| 15       | TEE-PIPE.....       | 1    | 64G8G      |
| 16       | NIPPLE-PIPE.....    | 1    | 63H2G      |
| 17       | TEE-PIPE.....       | 1    | 64G8G      |
| 18       | NIPPLE-PIPE.....    | 1    | 63H20G     |
| 19       | VALVE-CHECK.....    | 1    | 90J130     |
| 20       | NIPPLE-PIPE.....    | 1    | 63H1G      |



242EBE810

Order by Part Number and Description. Reference Numbers for your convenience only.

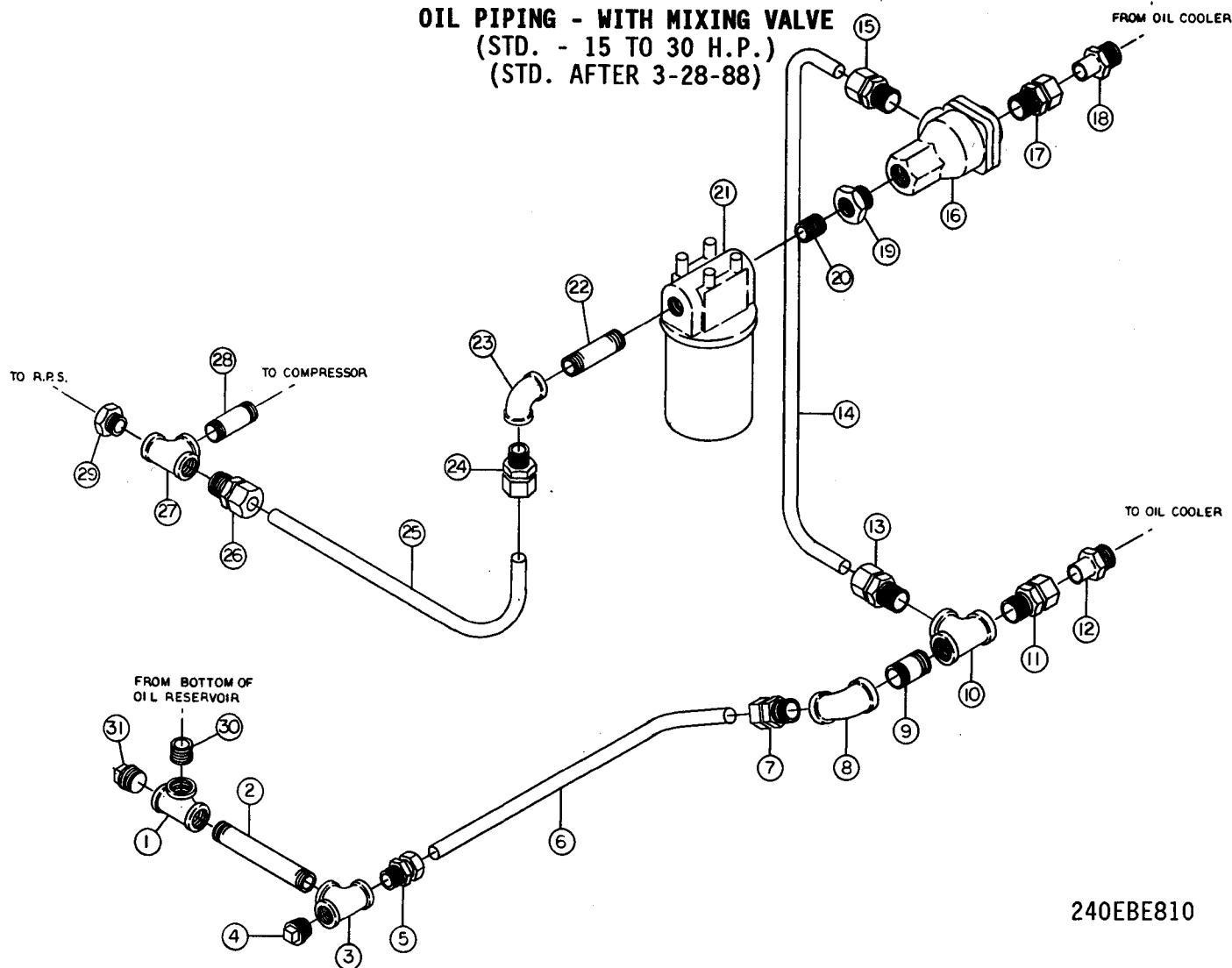


241EBE810

| Ref.<br>No.                                   | Name of Part        | Qty. | Part No.  |
|-----------------------------------------------|---------------------|------|-----------|
| <b>OIL PIPING GROUP<br/>(No Mixing Valve)</b> |                     |      |           |
| 1                                             | TEE-PIPE.....       | 1    | 64G7G     |
| 2                                             | NIPPLE-PIPE.....    | 1    | 63G38G    |
| 3                                             | TEE-PIPE.....       | 1    | 64G7G     |
| 4                                             | PLUG-PIPE.....      | 1    | 64AA3     |
| 5                                             | CONNECTOR-TUBE..... | 1    | 86N150    |
| 6                                             | TUBE.....           | 1    | 215EBE857 |
| 7                                             | CONNECTOR-TUBE..... | 1    | 86N95     |
| 8                                             | ELBOW-PIPE.....     | 1    | 64C6G     |
| 9                                             | NIPPLE-PIPE.....    | 1    | 63H1G     |
| 10                                            | ADAPTOR-TUBE.....   | 1    | 86N117    |
| 11                                            | CONNECTOR-TUBE..... | 1    | 86N208    |
| 12                                            | FILTER-OIL.....     | 1    | 26C27     |
| 13                                            | CONNECTOR-TUBE..... | 1    | 86N150    |
| 14                                            | TUBE.....           | 1    | 216EBE857 |
| 15                                            | CONNECTOR-TUBE..... | 1    | 86N150    |
| 16                                            | TEE-PIPE.....       | 1    | 64G7G     |
| 17                                            | NIPPLE-PIPE.....    | 1    | 63G30G    |
| 18                                            | NIPPLE-PIPE.....    | 1    | 63G1G     |
| 19                                            | PLUG-PIPE.....      | 1    | 64AA5     |

Order by Part Number and Description. Reference Numbers for your convenience only.

**OIL PIPING - WITH MIXING VALVE**  
(STD. - 15 TO 30 H.P.)  
(STD. AFTER 3-28-88)



240EBE810

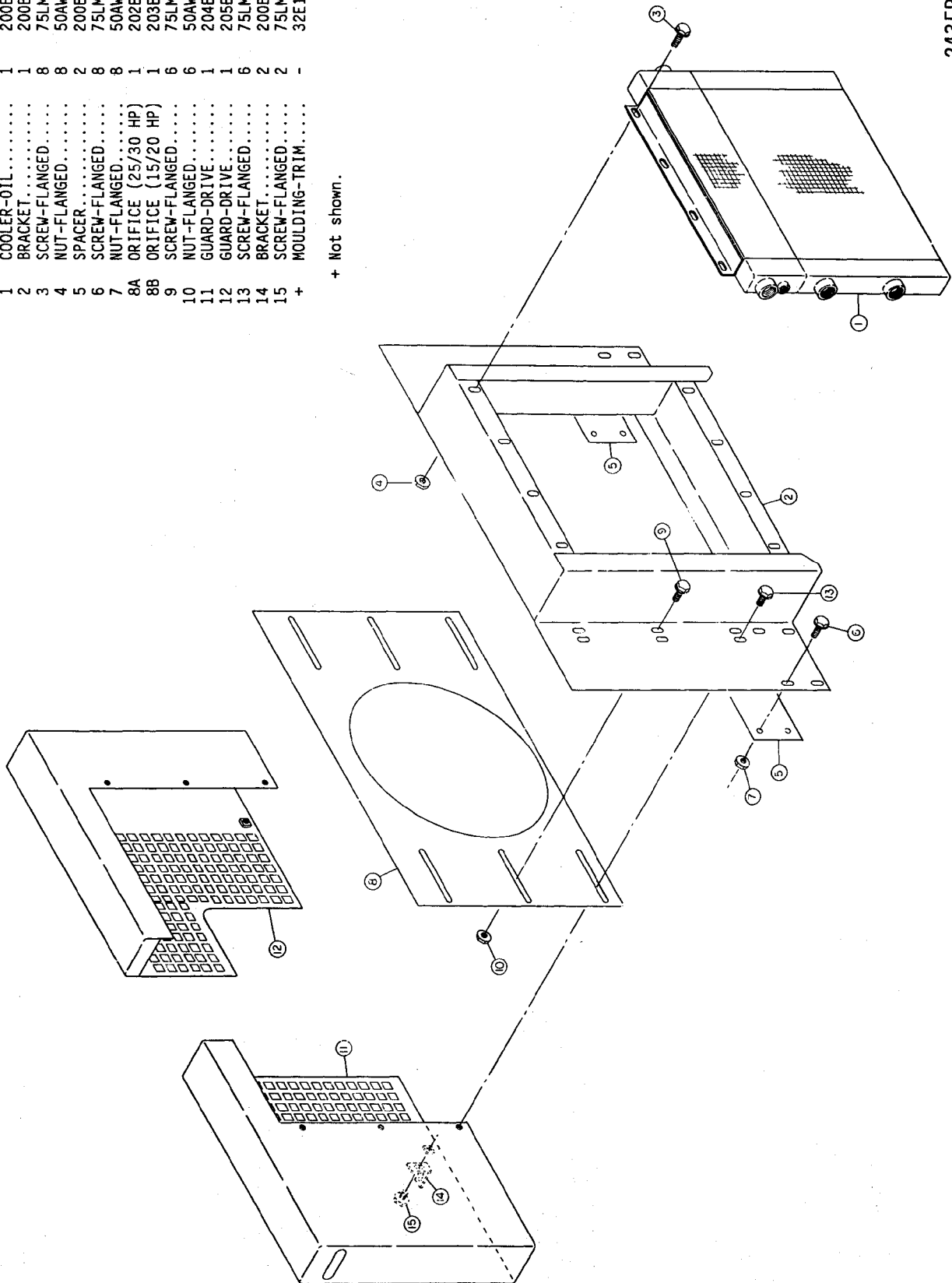
| Ref. No. | Name of Part      | Qty. | Part No.  |
|----------|-------------------|------|-----------|
| 1        | TEE-PIPE.....     | 1    | 64G7G     |
| 2        | NIPPLE-PIPE.....  | 1    | 63G38G    |
| 3        | TEE-PIPE.....     | 1    | 64G7G     |
| 4        | PLUG-PIPE.....    | 1    | 64AA3     |
| 5        | CONNECTOR-TUBE... | 1    | 86N150    |
| 6        | TUBE.....         | 1    | 217EBE857 |
| 7        | CONNECTOR-TUBE... | 1    | 86N95     |
| 8        | ELBOW-PIPE.....   | 1    | 64C6G     |
| 9        | NIPPLE-PIPE.....  | 1    | 63H2G     |
| 10       | TEE-PIPE.....     | 1    | 64G8G     |
| 11       | CONNECTOR-TUBE... | 1    | 86N120    |
| 12       | ADAPTOR-TUBE..... | 1    | 86N117    |
| 13       | CONNECTOR-TUBE... | 1    | 86N95     |
| 14       | TUBE.....         | 1    | 236ECH857 |
| 15       | CONNECTOR-TUBE... | 1    | 86N95     |
| 16       | VALVE-THERMAL.... | 1    | 90AR166   |

| Ref. No. | Name of Part      | Qty. | Part No.  |
|----------|-------------------|------|-----------|
| 17       | CONNECTOR-TUBE... | 1    | 86N120    |
| 18       | ADAPTOR-TUBE..... | 1    | 86N117    |
| 19       | BUSHING-PIPE..... | 1    | 64E16     |
| 20       | NIPPLE-PIPE.....  | 1    | 63G1G     |
| 21       | FILTER-OIL.....   | 1    | 26C27     |
| 22       | NIPPLE-PIPE.....  | 1    | 63G5G     |
| 23       | ELBOW-PIPE.....   | 1    | 64C5G     |
| 24       | CONNECTOR-TUBE... | 1    | 86N150    |
| 25       | TUBE-FORMED.....  | 1    | 218EBE857 |
| 26       | CONNECTOR-TUBE... | 1    | 86N150    |
| 27       | TEE-PIPE.....     | 1    | 64G7G     |
| 28       | NIPPLE-PIPE.....  | 1    | 63G30G    |
| 29       | BUSHING-PIPE..... | 1    | 64E3      |
| 30       | NIPPLE-PIPE.....  | 1    | 63G1G     |
| 31       | PLUG-PIPE.....    | 1    | 64AA5     |

# COOLER/GUARD MOUNTING GROUP

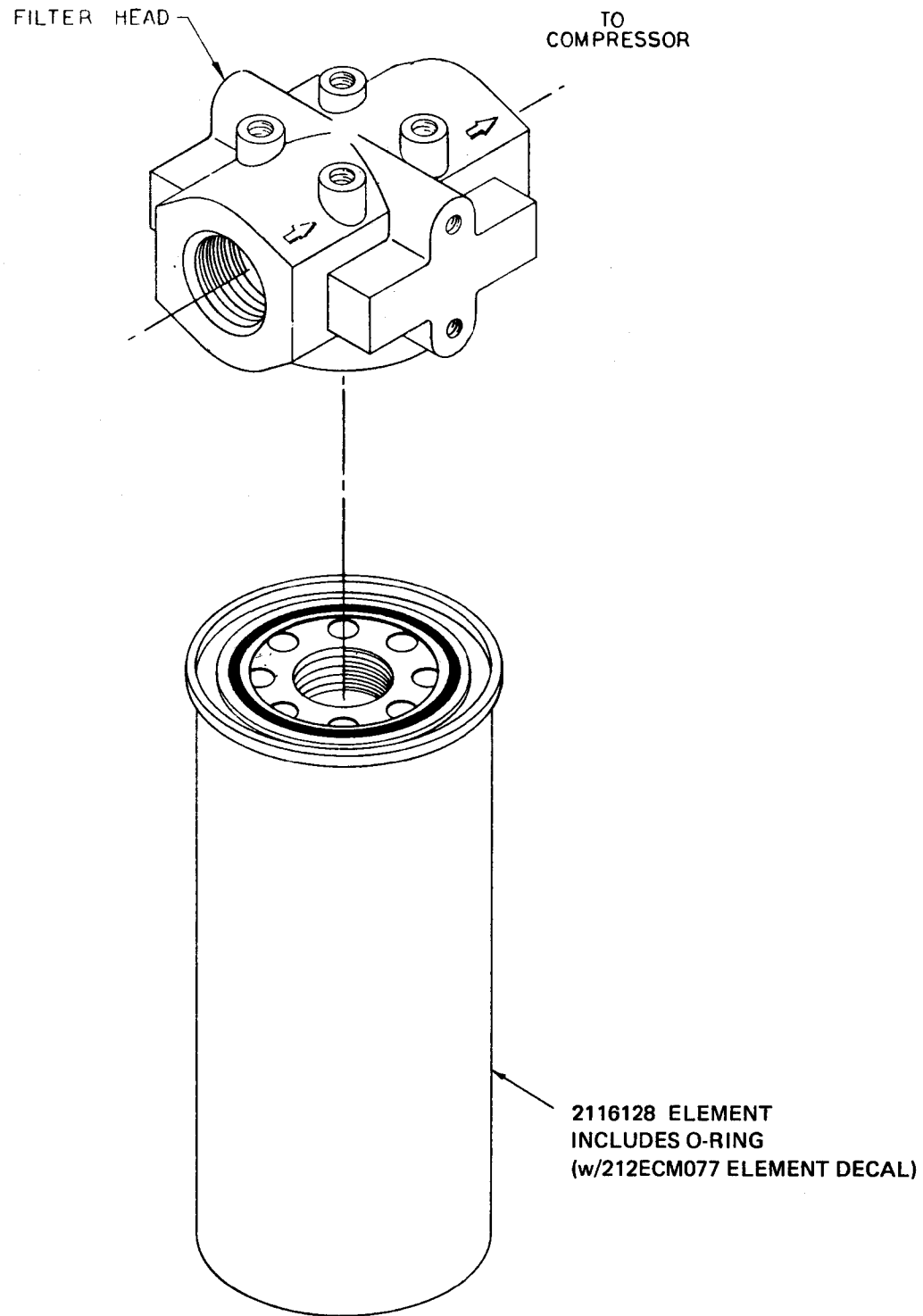
| Ref. No. | Name of Part            | Qty. | Part No.  |
|----------|-------------------------|------|-----------|
| 1        | COOLER-OIL.....         | 1    | 200EBE201 |
| 2        | BRACKET.....            | 1    | 200EBE017 |
| 3        | SCREW-FLANGED.....      | 8    | 75LM51    |
| 4        | NUT-FLANGED.....        | 8    | 50AW5     |
| 5        | SPACER.....             | 2    | 200EBE144 |
| 6        | SCREW-FLANGED.....      | 8    | 75LM51    |
| 7        | NUT-FLANGED.....        | 8    | 50AW5     |
| 8A       | ORIFICE (25/30 HP)..... | 1    | 202EBE814 |
| 8B       | ORIFICE (15/20 HP)..... | 1    | 203EBE814 |
| 9        | SCREW-FLANGED.....      | 6    | 75LM51    |
| 10       | NUT-FLANGED.....        | 6    | 50AW5     |
| 11       | GUARD-DRIVE.....        | 1    | 204EBE120 |
| 12       | GUARD-DRIVE.....        | 1    | 205EBE120 |
| 13       | SCREW-FLANGED.....      | 6    | 75LM51    |
| 14       | BRACKET.....            | 2    | 200EDE141 |
| 15       | SCREW-FLANGED.....      | 2    | 75LM51    |
| +        | MOULDING-TRIM.....      | -    | 32E16     |

+ Not shown.

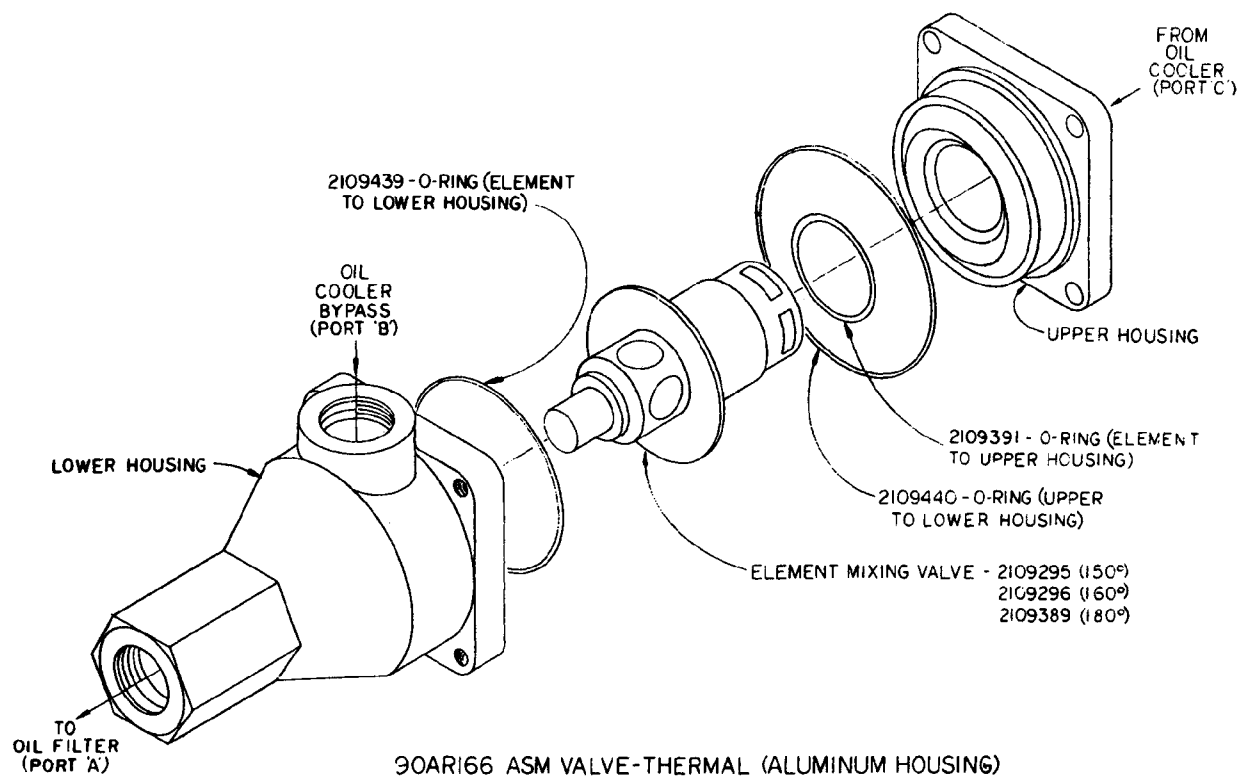


243EBE810

## OIL FILTER - 26C27

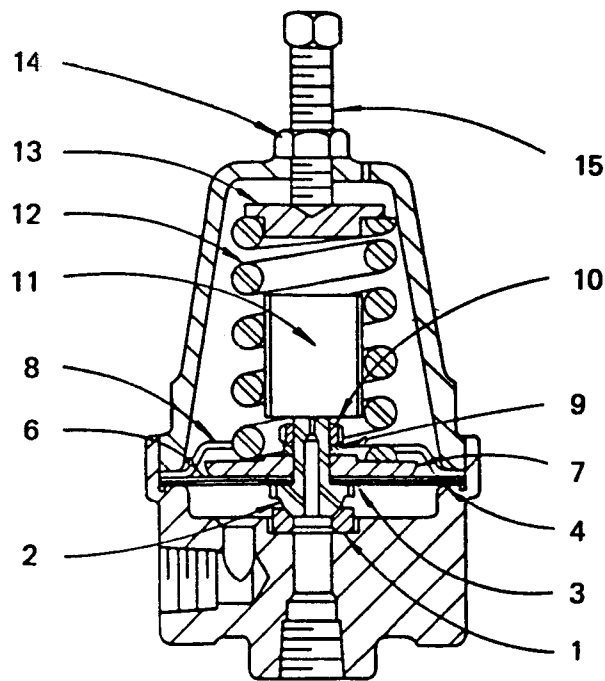


# **THERMAL VALVE** **(Thermostatic Mixing)**



C76528

Order by Part Number and Description. Reference Numbers for your convenience only.

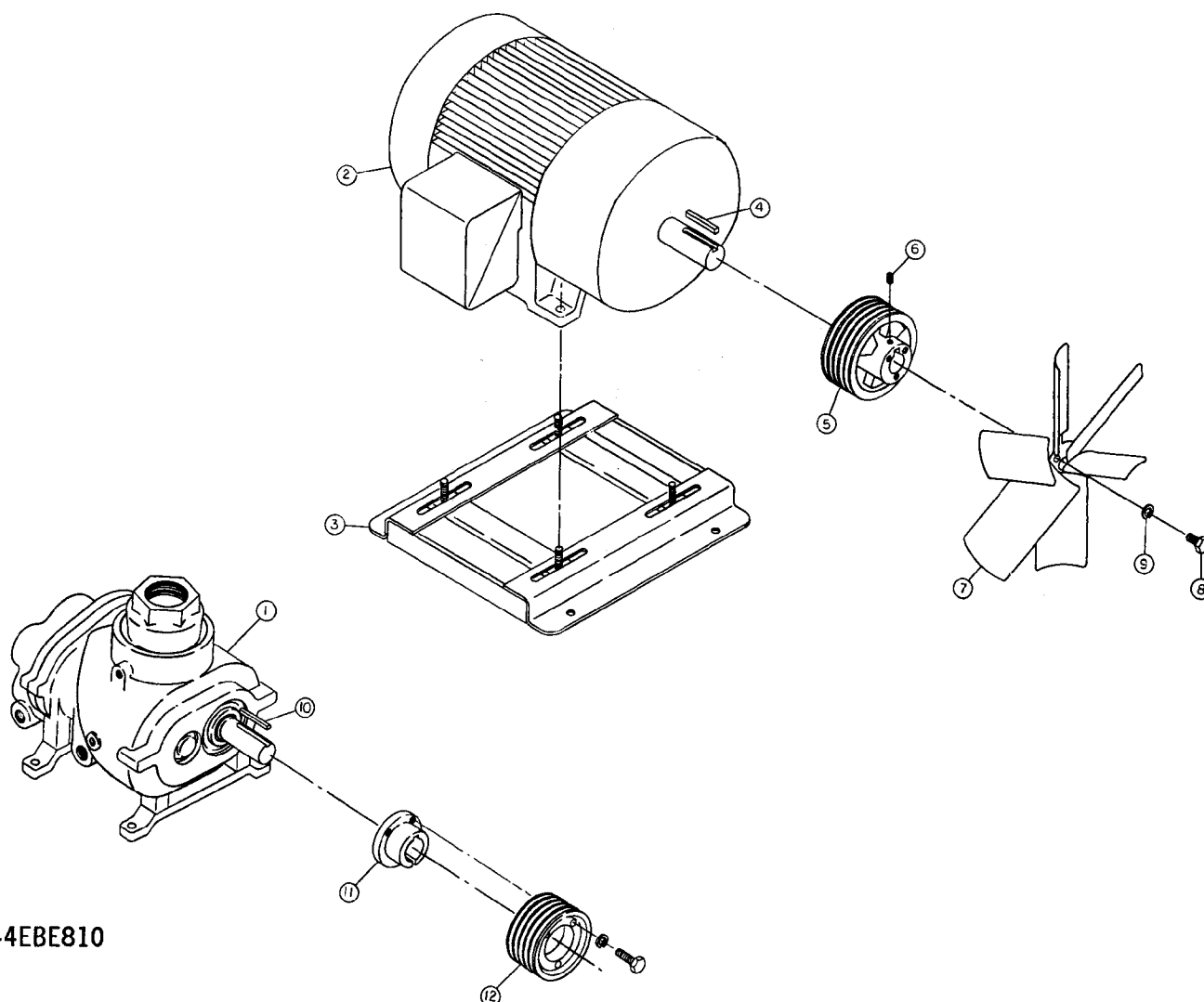


B74480X

| Ref.<br>No.                    | Name of Part                                      | Quantity | Part No. |
|--------------------------------|---------------------------------------------------|----------|----------|
| <b>SUBTRACTIVE PILOT VALVE</b> |                                                   |          |          |
|                                | VALVE-SUBTRACTIVE PILOT, Incl. Ref. No. 1 thru 15 |          | 2009398  |
| 1                              | RING-SEAT.....                                    | 1        | 2008021  |
| 2                              | DISC-SEAT.....                                    | 1        | 2010080  |
| 3                              | GASKET-DURABLA.....                               | 1        | 2008019  |
| 4                              | GASKET-DURABLA.....                               | 1        | 2008017  |
| 6                              | DIAPHRAGM.....                                    | 5        | 2008018  |
| 7                              | PLATE-PRESSURE.....                               | 1        | 2008015  |
| 8                              | STOP-DIAPHRAGM.....                               | 1        | 2008016  |
| 9                              | WASHER-LOCK.....                                  | 1        | 95B1     |
| 10                             | NUT-PRESSURE PLATE.....                           | 1        | 2008888  |
| 11                             | DAMPER.....                                       | 1        | 2008711  |
| 12                             | SPRING-PRESSURE.....                              | 1        | 2008014  |
| 13                             | BUTTON-SPRING.....                                | 1        | 2008891  |
| 14                             | LOCKNUT.....                                      | 1        | 50Y2     |
| 15                             | SCREW-PRESSURE.....                               | 1        | 2008952  |

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.

Order by Part Number and Description. Reference Numbers for your convenience only.



244EBE810

| Ref.<br>No.       | Name of Part     | Qty. | Part No. Per Pressure |           |         |         |
|-------------------|------------------|------|-----------------------|-----------|---------|---------|
|                   |                  |      | 100 PSI               | 125 PSI   | 150 PSI | 175 PSI |
| 15 HP DRIVE GROUP |                  |      |                       |           |         |         |
| 1                 | COMPRESSOR.....  | 1    | SSEBBC**              | SSEBBC**  | -----   | -----   |
| 2                 | MOTOR (ODP)..... | 1    | 24AW24                | 24AW24    | -----   | -----   |
| 3                 | BASE-MOTOR.....  | 1    | 24AZ21                | 24AZ21    | -----   | -----   |
| 4                 | KEY.....         | 1    | -----                 | -----     | -----   | -----   |
| 5                 | SHEAVE.....      | 1    | 202EBE099             | 202EBE099 | -----   | -----   |
| 6                 | SETSCREW.....    | 2    | 76F65                 | 76F65     | -----   | -----   |
| 7                 | FAN.....         | 1    | 203EBE701             | 203EBE701 | -----   | -----   |
| 8                 | SCREW-HEX.....   | 3    | 75A5                  | 75A5      | -----   | -----   |
| 9                 | WASHER-LOCK..... | 3    | 95B3                  | 95B3      | -----   | -----   |
| 10                | KEY.....         | 1    | 35L55                 | 35L55     | -----   | -----   |
| 11                | BUSHING.....     | 1    | 22F28SDS              | 22F28SK   | -----   | -----   |
| 12                | SHEAVE.....      | 1    | 73M43V56              | 73M43V65  | -----   | -----   |
| +                 | BELT SET.....    | 1    | 13AG5604              | 13AG6004  | -----   | -----   |

+ Not shown on illustration.

\*\* SEBBB Before 5-1-88

Order by Part Number and Description. Reference Numbers for your convenience only.

| Ref.<br>No.       | Name of Part     | Qty. | Part No. Per Pressure |           |           |         |
|-------------------|------------------|------|-----------------------|-----------|-----------|---------|
|                   |                  |      | 100 PSI               | 125 PSI   | 150 PSI   | 175 PSI |
| 20 HP DRIVE GROUP |                  |      |                       |           |           |         |
| 1                 | COMPRESSOR.....  | 1    | SSEBBC**              | SSEBBC**  | SSEBBC**  | -----   |
| 2                 | MOTOR (ODP)..... | 1    | 24AW25                | 24AW25    | 24AW25    | -----   |
| 3                 | BASE-MOTOR.....  | 1    | 24AZ22                | 24AZ22    | 24AZ22    | -----   |
| 4                 | KEY.....         | 1    | -----                 | -----     | -----     | -----   |
| 5                 | SHEAVE.....      | 1    | 201EBE099             | 201EBE099 | 201EBE099 | -----   |
| 6                 | SETSCREW.....    | 2    | 76F65                 | 76F65     | 76F65     | -----   |
| 7                 | FAN.....         | 1    | 203EBE701             | 203EBE701 | 203EBE701 | -----   |
| 8                 | SCREW-HEX.....   | 3    | 75A5                  | 75A5      | 75A5      | -----   |
| 9                 | WASHER-LOCK..... | 3    | 95B3                  | 95B3      | 95B3      | -----   |
| 10                | KEY.....         | 1    | 35L55                 | 35L55     | 35L55     | -----   |
| 11                | BUSHING.....     | 1    | 22F28SDS              | 22F28SK   | 22F28SK   | -----   |
| 12                | SHEAVE.....      | 1    | 73M43V56              | 73M43V65  | 73M43V80  | -----   |
| +                 | BELT SET.....    | 1    | 13AG6004              | 13AG6004  | 13AG6304  | -----   |

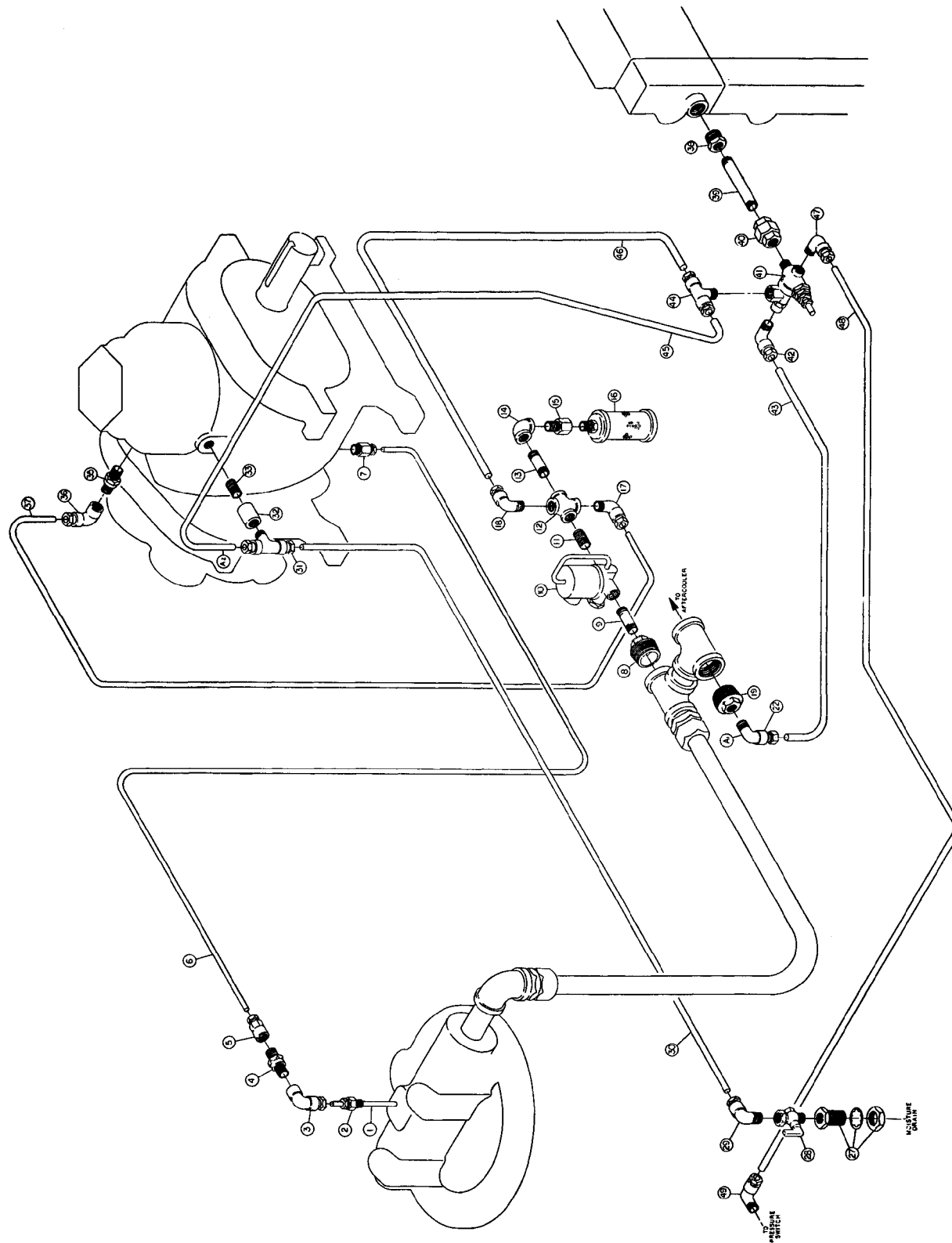
|                          |                  |   |           |           |           |           |
|--------------------------|------------------|---|-----------|-----------|-----------|-----------|
| <b>25 HP DRIVE GROUP</b> |                  |   |           |           |           |           |
| 1                        | COMPRESSOR.....  | 1 | SSEBBC**  | SSEBBC**  | SSEBBC**  | SSEBBC**  |
| 2                        | MOTOR (ODP)..... | 1 | 24AW26    | 24AW26    | 24AW26    | 24AW26    |
| 3                        | BASE-MOTOR.....  | 1 | 24AZ23    | 24AZ23    | 24AZ23    | 24AZ23    |
| 4                        | KEY.....         | 1 | -----     | -----     | -----     | -----     |
| 5                        | SHEAVE.....      | 1 | 200EBE099 | 200EBE099 | 200EBE099 | 200EBE099 |
| 6                        | SETSCREW.....    | 2 | 76F65     | 76F65     | 76F65     | 76F65     |
| 7                        | FAN.....         | 1 | 202EBE701 | 202EBE701 | 202EBE701 | 202EBE701 |
| 8                        | SCREW-HEX.....   | 3 | 75A5      | 75A5      | 75A5      | 75A5      |
| 9                        | WASHER-LOCK..... | 3 | 95B3      | 95B3      | 95B3      | 95B3      |
| 10                       | KEY.....         | 1 | 35L55     | 35L55     | 35L55     | 35L55     |
| 11                       | BUSHING.....     | 1 | 22F28SK   | 22F28SK   | 22F28SK   | 22F28SK   |
| 12                       | SHEAVE.....      | 1 | 73M53V60  | 73M53V69  | 73M53V80  | 73M53V106 |
| +                        | BELT SET.....    | 1 | 13AG6305  | 13AG6705  | 13AG6705  | 13AG7105  |

|                          |                  |   |           |           |           |           |
|--------------------------|------------------|---|-----------|-----------|-----------|-----------|
| <b>30 HP DRIVE GROUP</b> |                  |   |           |           |           |           |
| 1                        | COMPRESSOR.....  | 1 | SSEBBC**  | SSEBBC**  | SSEBBC**  | SSEBBC**  |
| 2                        | MOTOR (ODP)..... | 1 | 24AW27    | 24AW27    | 24AW27    | 24AW27    |
| 3                        | BASE-MOTOR.....  | 1 | 24AZ24    | 24AZ24    | 24AZ24    | 24AZ24    |
| 4                        | KEY.....         | 1 | -----     | -----     | -----     | -----     |
| 5                        | SHEAVE.....      | 1 | 200EBE099 | 200EBE099 | 200EBE099 | 200EBE099 |
| 6                        | SETSCREW.....    | 2 | 76F65     | 76F65     | 76F65     | 76F65     |
| 7                        | FAN.....         | 1 | 202EBE701 | 202EBE701 | 202EBE701 | 202EBE701 |
| 8                        | SCREW-HEX.....   | 3 | 75A5      | 75A5      | 75A5      | 75A5      |
| 9                        | WASHER-LOCK..... | 3 | 95B3      | 95B3      | 95B3      | 95B3      |
| 10                       | KEY.....         | 1 | 35L55     | 35L55     | 35L55     | 35L55     |
| 11                       | BUSHING.....     | 1 | 22F28SDS  | 22F28SK   | 22F28SK   | 22F28SK   |
| 12                       | SHEAVE.....      | 1 | 73M53V50  | 73M53V56  | 73M53V65  | 73M53V69  |
| +                        | BELT SET.....    | 1 | 13AG6305  | 13AG6305  | 13AG6305  | 13AG6705  |

+ Not shown on illustration.

\*\* SEBBB Before 5-1-88

# CONTROL GROUP - PILOT



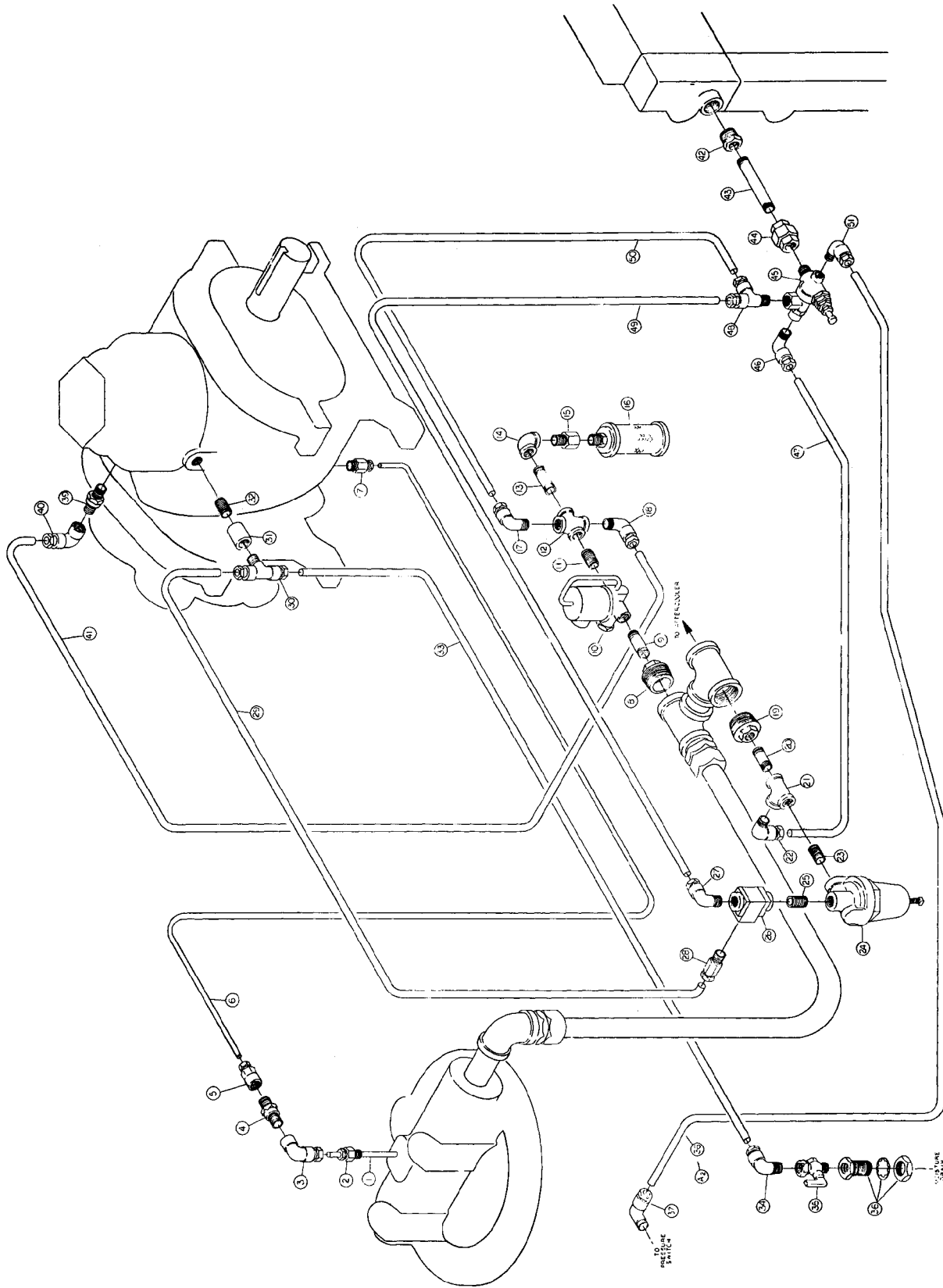
For list of parts see page 25.

247EBE810

Order by Part Number and Description. Reference Numbers for your convenience only.

| Ref.<br>No.                  | Name of Part        | Qty. | Part No.  |
|------------------------------|---------------------|------|-----------|
| <u>CONTROL GROUP - PILOT</u> |                     |      |           |
| 1                            | TUBE.....           | -    | 85K3      |
| 2                            | CONNECTOR-TUBE..... | 1    | 86N15     |
| 3                            | ELBOW-TUBE.....     | 1    | 86E193    |
| 4                            | VALVE-CHECK.....    | 1    | 90AR261   |
| 5                            | CONNECTOR-TUBE..... | 1    | 86E28     |
| 6                            | TUBE.....           | -    | 85K3      |
| 7                            | CONNECTOR-TUBE..... | 1    | 86E4      |
| 8                            | BUSHING-PIPE.....   | 1    | 64E15     |
| 9                            | NIPPLE-PIPE.....    | 1    | 63D3G     |
| 10                           | VALVE-SOLENOID..... | 1    | 91B70     |
| 11                           | NIPPLE-PIPE.....    | 1    | 63D1G     |
| 12                           | CROSS-PIPE.....     | 1    | 64K1G     |
| 13                           | NIPPLE-PIPE.....    | 1    | 63D3G     |
| 14                           | ELBOW-PIPE.....     | 1    | 64C2G     |
| 15                           | ORIFICE.....        | 1    | 201EDE814 |
| 16                           | MUFFLER.....        | 1    | 43E4      |
| 17                           | ELBOW-TUBE.....     | 1    | 86E64     |
| 18                           | ELBOW-TUBE.....     | 1    | 86E64     |
| 19                           | BUSHING-PIPE.....   | 1    | 64E15     |
| 22                           | ELBOW-PIPE.....     | 1    | 86E64     |
| 27                           | COUPLING-PIPE.....  | 1    | 64EB368   |
| 28                           | DRAIN-COCK.....     | 1    | 90A19     |
| 30                           | TUBE.....           | -    | 85K5      |
| 31                           | TEE-PIPE.....       | 1    | 86E122    |
| 32                           | COUPLING-PIPE.....  | 1    | 64BK2     |
| 33                           | NIPPLE-PIPE.....    | 1    | 63D1G     |
| 35                           | VALVE-CHECK.....    | 1    | 90AR261   |
| 36                           | ELBOW-TUBE.....     | 1    | 86E82     |
| 37                           | TUBE.....           | -    | 85K5      |
| 38                           | BUSHING-PIPE.....   | 1    | 64E43     |
| 39                           | NIPPLE-PIPE.....    | 1    | 63D8G     |
| 40                           | UNION-PIPE.....     | 1    | 64Z4      |
| 41                           | VALVE-UNLOADER..... | 1    | 200EBE238 |
| 42                           | ELBOW-TUBE.....     | 1    | 86E64     |
| 43                           | TUBE.....           | -    | 85K5      |
| 44                           | TEE-TUBE.....       | 1    | 86E122    |
| 45                           | TUBE.....           | -    | 85K5      |
| 46                           | TUBE.....           | -    | 85K5      |
| 47                           | ELBOW-TUBE.....     | 1    | 86E63     |
| 48                           | TUBE.....           | -    | 85K5      |
| 49                           | ELBOW-TUBE.....     | 1    | 86E64     |

# CONTROL GROUP - MODULATING



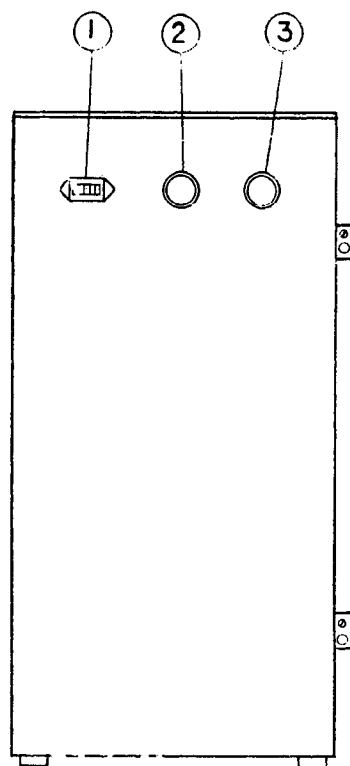
For list of parts see page 27.

245EBE810

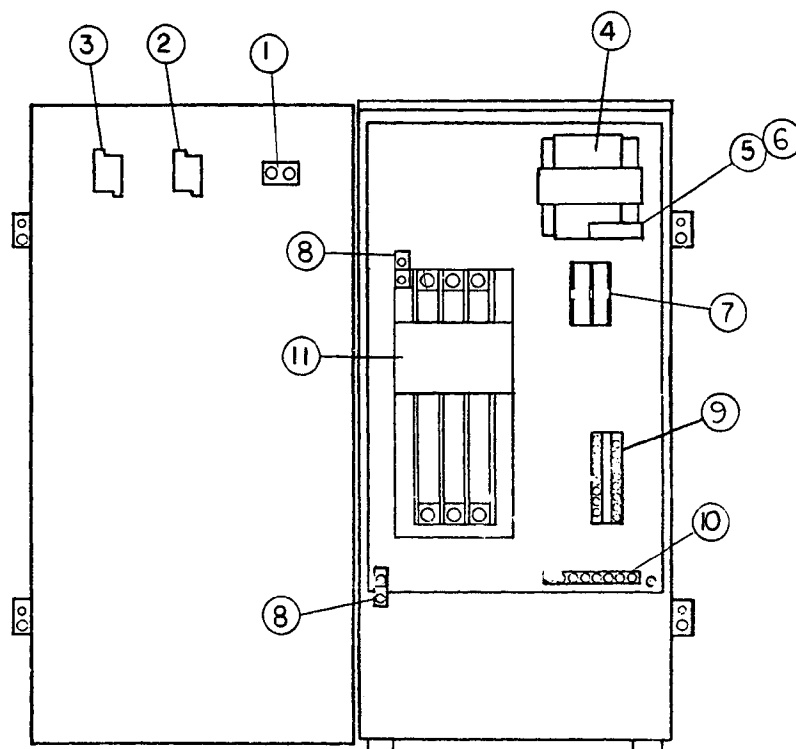
Order by Part Number and Description. Reference Numbers for your convenience only.

| Ref.<br>No.                       | Name of Part         | Qty. | Part No.  |
|-----------------------------------|----------------------|------|-----------|
| <u>CONTROL GROUP - MODULATING</u> |                      |      |           |
| 1                                 | TUBE.....            | -    | 85K3      |
| 2                                 | CONNECTOR-TUBE.....  | 1    | 86N15     |
| 3                                 | ELBOW-TUBE.....      | 1    | 86E193    |
| 4                                 | VALVE-CHECK.....     | 1    | 90AR261   |
| 5                                 | CONNECTOR-TUBE.....  | 1    | 86E28     |
| 6                                 | TUBE.....            | -    | 85K3      |
| 7                                 | CONNECTOR-TUBE.....  | 1    | 86E4      |
| 8                                 | BUSHING-PIPE.....    | 1    | 64E15     |
| 9                                 | NIPPLE-PIPE.....     | 1    | 63D3G     |
| 10                                | VALVE-SOLENOID.....  | 1    | 91B70     |
| 11                                | NIPPLE-PIPE.....     | 1    | 63D1G     |
| 12                                | CROSS-PIPE.....      | 1    | 64K1G     |
| 13                                | NIPPLE-PIPE.....     | 1    | 63D3G     |
| 14                                | ELBOW-PIPE.....      | 1    | 64C2G     |
| 15                                | ORIFICE.....         | 1    | 201EDE814 |
| 16                                | MUFFLER.....         | 1    | 43E4      |
| 17                                | ELBOW-TUBE.....      | 1    | 86E64     |
| 18                                | ELBOW-TUBE.....      | 1    | 86E64     |
| 19                                | BUSHING-PIPE.....    | 1    | 64E15     |
| 20                                | NIPPLE-PIPE.....     | 1    | 63D2G     |
| 21                                | TEE-PIPE.....        | 1    | 64G3G     |
| 22                                | ELBOW-TUBE.....      | 1    | 86E64     |
| 23                                | NIPPLE-PIPE.....     | 1    | 63D1G     |
| 24                                | VALVE-SUB PILOT..... | 1    | 2009398   |
| 25                                | NIPPLE-PIPE.....     | 1    | 63D1G     |
| 26                                | VALVE-SUB PILOT..... | 1    | 90AR107   |
| 27                                | ELBOW-TUBE.....      | 1    | 86E64     |
| 28                                | CONNECTOR-TUBE.....  | 1    | 86E9      |
| 29                                | TUBE.....            | -    | 85K5      |
| 30                                | TEE-PIPE.....        | 1    | 86E122    |
| 31                                | COUPLING-PIPE.....   | 1    | 64K2      |
| 32                                | NIPPLE-PIPE.....     | 1    | 63D1G     |
| 33                                | TUBE.....            | -    | 85K5      |
| 34                                | ELBOW-TUBE.....      | 1    | 86E64     |
| 35                                | DRAIN-COCK.....      | 1    | 90A19     |
| 36                                | COUPLING-PIPE.....   | 1    | 64EB368   |
| 37                                | ELBOW-TUBE.....      | 1    | 86E64     |
| 38                                | TUBE.....            | -    | 85K5      |
| 39                                | VALVE-CHECK.....     | 1    | 90AR261   |
| 40                                | ELBOW-TUBE.....      | 1    | 86E82     |
| 41                                | TUBE.....            | -    | 85K5      |
| 42                                | BUSHING-PIPE.....    | 1    | 64E43     |
| 43                                | NIPPLE-PIPE.....     | 1    | 63D8G     |
| 44                                | UNION-PIPE.....      | 1    | 64Z4      |
| 45                                | VALVE-UNLOADER.....  | 1    | 201EDE238 |
| 46                                | ELBOW-TUBE.....      | 1    | 86E64     |
| 47                                | TUBE.....            | -    | 85K5      |
| 48                                | TEE-TUBE.....        | 1    | 86E136    |
| 49                                | TUBE.....            | -    | 85K5      |
| 50                                | TUBE.....            | -    | 85K5      |
| 51                                | ELBOW-TUBE.....      | 1    | 86E63     |

# CONTROL PANEL GROUP



FRONT VIEW - COVER (DOOR)



REAR VIEW - COVER (DOOR)

FRONT VIEW - CONTROL CABINET

For list of parts see page 29.

Order by Part Number and Description. Reference Numbers for your convenience only.

| Ref.<br>No.         | Name of Part                                                             | Quantity | Part No.  |
|---------------------|--------------------------------------------------------------------------|----------|-----------|
| -----               |                                                                          |          |           |
| CONTROL PANEL GROUP |                                                                          |          |           |
| 1                   | METER-HOUR (60 HZ).....                                                  | 1        | 24CA1994  |
| +                   | METER-HOUR (50 HZ).....                                                  | 1        | 24CA1995  |
| 2                   | LIGHT-PILOT.....                                                         | 1        | 2109789   |
| 2                   | BULB (#755).....                                                         | 1        | 24CA252   |
| 2                   | LENS, RED PLASTIC.....                                                   | 1        | 2109791   |
| 2                   | PLATE-DATA, Power On.....                                                | 1        | 24CA2625  |
| 3                   | HAND-OFF/RESET-AUTO SELECTOR SWITCH.....                                 |          |           |
| 3                   | OPERATOR ONLY (Less Knob).....                                           | 1        | 2116125   |
| 3                   | KNOB, Black.....                                                         | 1        | 2116126   |
| 3                   | SWITCH-CONTACT, N.O.-N.C. ....                                           | 1        | 24CA2339  |
| 3                   | SWITCH-CONTACT, 2 N.O. ....                                              | 1        | 24CA2120  |
| 3                   | SWITCH-CONTACT, N.C. ....                                                | 1        | 24CA2508  |
| 3                   | PLATE-DATA, 3 Position.....                                              | 1        | 24CA2628  |
| 4                   | TRANSFORMER, .120KVA (120 VA) 115 Volt Secondary - Select Per Voltage:   |          |           |
|                     | 208 Volt.....                                                            | 1        | 2116214   |
|                     | 230/460 Volt.....                                                        | 1        | 2116135   |
|                     | 575 Volt.....                                                            | 1        | 2116215   |
| 4                   | TRANSFORMER, .200KVA (200 VA) 115 Volt Secondary - Select Per Voltage:   |          |           |
|                     | 208 Volt.....                                                            | 1        | 2116136   |
|                     | 230/460 Volt.....                                                        | 1        | 2116134   |
|                     | 575 Volt.....                                                            | 1        | 2116137   |
| 5                   | FUSE BLOCK (2 CC Fuses).....                                             | 1        | 24CA2553  |
| 6                   | FUSE, Transformer, 115 Volt Secondary - Select Per Voltage:              |          |           |
|                     | (120 VA XFMR) MDL1 .....                                                 | 1        | 24CA2636  |
|                     | (200 VA XFMR) MDL2 .....                                                 | 1        | 24CA2637  |
| 7                   | FUSE, Primary, Select Per Voltage & Transformer Size:                    |          |           |
|                     | (120 VA XFMR) <350 V or - KTKR2.....                                     | 2        | 24CA2621  |
|                     | (120 VA XFMR) >380 V or - KTKR1.....                                     | 2        | 24CA2620  |
|                     | (200 VA XFMR) <350 V or - KTKR4.....                                     | 2        | 24CA473   |
|                     | (200 VA XFMR) >380 V or - KTKR2.....                                     | 2        | 24CA2621  |
| 8                   | LUG, Ground.....                                                         | 2        | 24CA2555  |
| 9                   | TERMINAL BLOCK, 4-4 Point (16 Pt).....                                   | 4        | 24CA2633  |
| +                   | TAPE, Marking, Terminal Block.....                                       | 1        | 24CA2635  |
| 10                  | BAR-GROUND, 2-4 Point (8 Pt).....                                        | 2        | 24CA612   |
| 11                  | STARTER, Compressor Motor - Size F - 32 AMP (Optional) -                 |          |           |
|                     | (Less N.O. Aux. Contact).....                                            | 1        | 24CA2615  |
|                     | RELAY, 3 Pole, 110/120 V, 50/60 Hz, Coil F (Less N.O. Aux. Contact)..... | 1        | 24CA2609  |
|                     | COIL, 110/120 V, 50/60 Hz.....                                           | 1        | 2115950   |
|                     | CONTACT-AUX, 2 N.O. ....                                                 | 1        | 24CA2641  |
|                     | RELAY, 3 Pole O.L., 32 Amp .....                                         | 1        | 24CA2501  |
| 11                  | STARTER, Compressor Motor - Size J - 60 AMP (Optional) -                 |          |           |
|                     | (Less N.O. Aux. Contact).....                                            | 1        | 24CA2616  |
|                     | RELAY, 3 Pole, 110/120 V, 50/60 Hz, Coil J (Less N.O. Aux. Contact)..... | 1        | 24CA2610  |
|                     | CONTACT, Kit - 3 Pole.....                                               | 1        | 2116127   |
|                     | COIL, 110/120 V, 50/60 Hz.....                                           | 1        | 2116124   |
|                     | RELAY, 3 Pole O.L., 75 Amp Max.....                                      | 1        | 24CA2611  |
|                     | CONTACT-AUX, 2 N.O. ....                                                 | 1        | 24CA2641  |
| 11                  | STARTER, Compressor Motor - Size 3DP (Optional) -                        |          |           |
|                     | (Less N.O. Aux. Contact).....                                            | 1        | 24CA2613  |
|                     | CONTACT, Kit - 3 Pole.....                                               | 1        | 2109786   |
|                     | COIL, 110/120 V, 50/60 Hz.....                                           | 1        | 2115951   |
|                     | CONTACT-AUX, N.O.....                                                    | 1        | 24CA2618  |
|                     | CONTACT-AUX, N.O. - ADDER .....                                          | 1        | 24CA1992  |
|                     | RELAY, 3 Pole O.L. - B1 METALLIC.....                                    | 1        | 2116142   |
| +                   | DECAL, Fuse - Transformer, Primary                                       |          |           |
|                     | 1 Amp (KTKR1).....                                                       | 1        | 249AUX077 |
|                     | 2 Amp (KTKR2).....                                                       | 1        | 250AUX077 |
|                     | 4 Amp (KTKR4).....                                                       | 1        | 248AUX077 |
| +                   | DECAL, Fuse - Transformer, Secondary                                     |          |           |
|                     | 1 Amp.....                                                               | 1        | 253AUX077 |
|                     | 2 Amp.....                                                               | 1        | 254AUX077 |
| +                   | SWITCH-PRESSURE (A.P.S.).....                                            | 1        | 88H144    |
| +                   | SWITCH-PRESSURE (R.P.S.).....                                            | 1        | 88H99     |

+ Not shown on illustration.

**MAIN MOTOR, VOLTAGE MARKER & OVERLOAD HEATERS**

|                      | OPEN DRIP-PROOF (60 HZ)<br>(ODP) |        |        |        |  | TOTALLY ENCLOSED FAN-COOLED (60 HZ)<br>(TEFC) |          |          |          |  |
|----------------------|----------------------------------|--------|--------|--------|--|-----------------------------------------------|----------|----------|----------|--|
|                      | 200 V                            | 230 V  | 460 V  | 575 V  |  | 200 V                                         | 230 V    | 460 V    | 575 V    |  |
| Column Option Number | 13-A                             | 13-B   | 13-C   | 13-D   |  | 13-E                                          | 13-F     | 13-G     | 13-H     |  |
| 15 HP.....           | 24AW8                            | 24AW24 | 24AW24 | 24AW43 |  | 24CA2385                                      | 24CA2386 | 24CA2386 | 24CA2387 |  |
| 20 HP.....           | 24AW9                            | 24AW25 | 24AW25 | 24AW44 |  | 24CA2388                                      | 24CA2389 | 24CA2389 | 24CA2390 |  |
| 25 HP.....           | 24AW10                           | 24AW26 | 24AW26 | 24AW45 |  | 24CA2391                                      | 24CA2392 | 24CA2392 | 24CA2393 |  |
| 30 HP.....           | 24AW11                           | 24AW27 | 24AW27 | 24AW46 |  | 24CA2394                                      | 24CA2395 | 24CA2395 | 24CA2396 |  |

**CONTROL/STARTER BOX**  
 (With Overload Heaters [3] & Voltage Marker)  
 Column Code 9

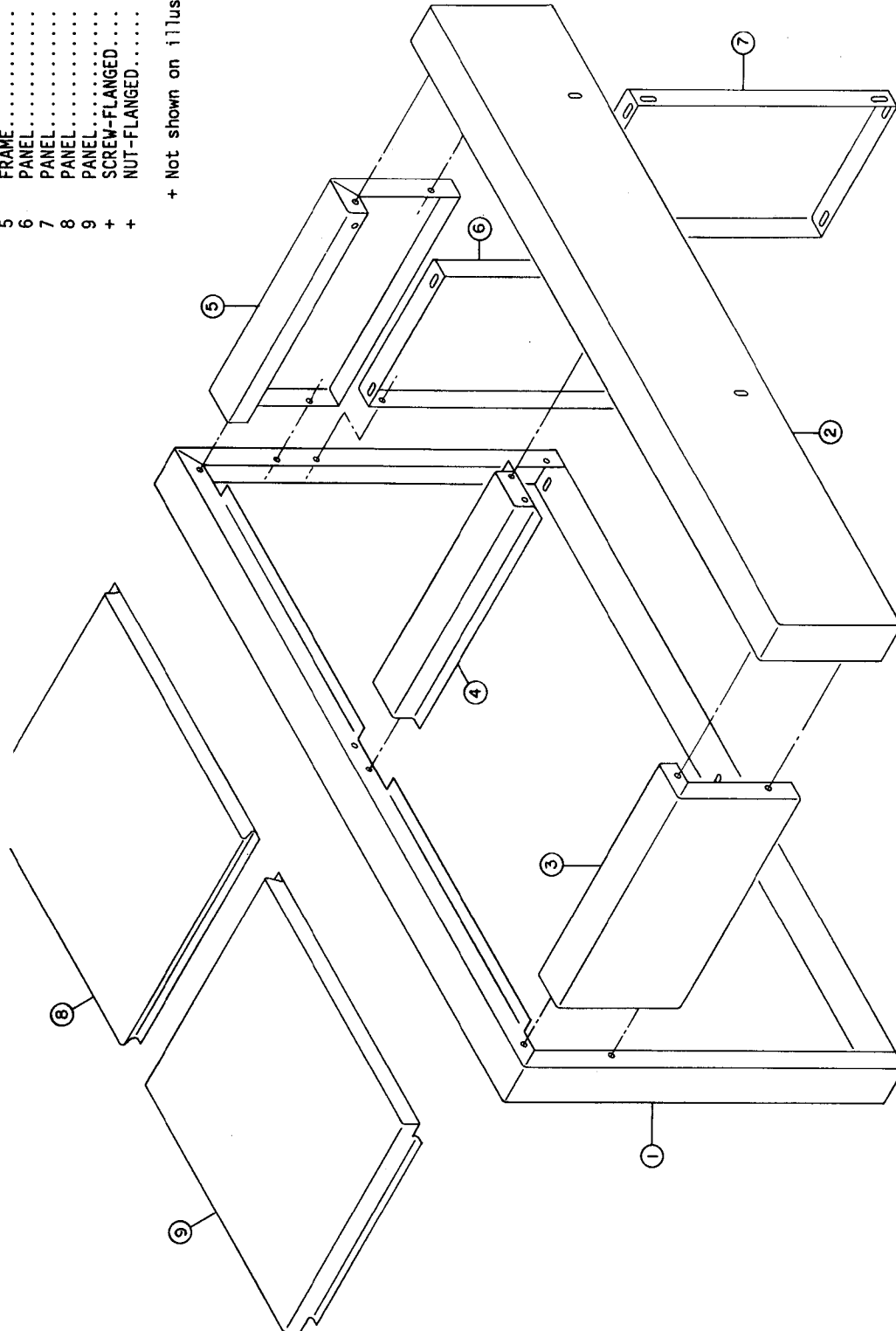
| HP    | Voltage | Control<br>Starter<br>Box | Wiring<br>Harness<br>Group * | Overload<br>Heaters (3) | Voltage<br>Marker |
|-------|---------|---------------------------|------------------------------|-------------------------|-------------------|
| <hr/> |         |                           |                              |                         |                   |
| 15    | 200     | 200EBE466                 | EBE80608                     | 24CA2607                | 69F50             |
| 15    | 230     | 214EBE466                 | EBE80609                     | 24CA2606                | 69F51             |
| 15    | 460     | 201EBE466                 | EBE80610                     | 24CA2603                | 69F52             |
| 15    | 575     | 202EBE466                 | EBE80611                     | 24CA2603                | 69F60             |
| <br>  |         |                           |                              |                         |                   |
| 20    | 200     | 203EBE466                 | EBE80612                     | 24CA966                 | 69F50             |
| 20    | 230     | 214EBE466                 | EBE80613                     | 24CA2607                | 69F51             |
| 20    | 460     | 201EBE466                 | EBE80614                     | 24CA2604                | 69F52             |
| 20    | 575     | 202EBE466                 | EBE80615                     | 24CA2603                | 69F60             |
| <br>  |         |                           |                              |                         |                   |
| 25    | 200     | 203EBE466                 | EBE80616                     | 24CA968                 | 69F50             |
| 25    | 230     | 204EBE466                 | EBE80617                     | 24CA898                 | 69F51             |
| 25    | 460     | 214EBE466                 | EBE80618                     | 24CA2605                | 69F52             |
| 25    | 575     | 202EBE466                 | EBE80619                     | 24CA2604                | 69F60             |
| <br>  |         |                           |                              |                         |                   |
| 30    | 200     | 203EBE466                 | EBE80620                     | 24CA970                 | 69F50             |
| 30    | 230     | 204EBE466                 | EBE80621                     | 24CA968                 | 69F51             |
| 30    | 460     | 214EBE466                 | EBE80622                     | 24CA2606                | 69F52             |
| 30    | 575     | 213EBE466                 | EBE80623                     | 24CA2604                | 69F60             |

\* Wiring between control/starter box and main motor includes (3) overload heaters and voltage marker.

# ENCLOSURE GROUP

| Ref. No. | Name of Part       | Qty. | Part No.  |
|----------|--------------------|------|-----------|
| 1        | FRAME.....         | 1    | 200EBE314 |
| 2        | FRAME.....         | 1    | 201EBE314 |
| 3        | FRAME.....         | 1    | 202EBE314 |
| 4        | BRACE.....         | 1    | 200EBE326 |
| 5        | FRAME.....         | 1    | 202EBE314 |
| 6        | PANEL.....         | 1    | 200EBE216 |
| 7        | PANEL.....         | 1    | 200EBE216 |
| 8        | PANEL.....         | 1    | 201EBE216 |
| 9        | PANEL.....         | 1    | 201EBE216 |
| +        | SCREW-FLANGED..... | 27   | 75LM51    |
| +        | NUT-FLANGED.....   | 27   | 50AW5     |

+ Not shown on illustration.



246EBE810

# IDENTIFICATION & INSTRUCTION GROUP

| Name of Part                                                                                                                                                                      | Quantity | Part No.  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------|
| -----                                                                                                                                                                             | -----    | -----     |
| DECAL - CAUTION - DO NOT REMOVE PLUG FROM OIL RESERVOIR<br>FILL ELBOW.....                                                                                                        | 1        | 203ESF077 |
| DECAL - FILLED AT FACTORY WITH "GD800".....                                                                                                                                       | 1        | 200EBE077 |
| DECAL - FILLED AT FACTORY WITH "GD8000" (Optional).....                                                                                                                           | 1        | 203EBE077 |
| DECAL - OPERATION/MAINTENANCE INSTRUCTIONS.....                                                                                                                                   | 1        | 206EBE077 |
| DECAL - "G-D" (Vertical).....                                                                                                                                                     | 2        | 69F62     |
| DECAL - "G-D"/ELECTRA-SCREW® (Located on Oil Reservoir)..                                                                                                                         | 1        | 208EBE077 |
| DECAL - ROTATION.....                                                                                                                                                             | 1        | 204EBE077 |
| DECAL - COMBUSTIBLE SURFACE MOUNTING.....<br>(Located Inside Control Box)                                                                                                         | 1        | 202EAQ077 |
| DECAL - "L1" (Located Inside Control Box).....                                                                                                                                    | 1        | 236AUX077 |
| DECAL - "L2" (Located Inside Control Box).....                                                                                                                                    | 1        | 237AUX077 |
| DECAL - "L3" (Located Inside Control Box).....                                                                                                                                    | 1        | 238AUX077 |
| DECAL - WARNING - ELECTRICAL SHOCK MAY BE FATAL.....<br>(Located Inside Control Box Door)<br>1. This compressor must be grounded, etc.<br>2. Disconnect the compressor unit, etc. | 1        | 208ESG007 |
| DECAL - MAGNETIC CONTROL SYSTEM DATA PLATE.....<br>(Located Inside Control Box Door)                                                                                              | 1        | 69D38     |
| DECAL - WARNING - LIVE CIRCUIT.....                                                                                                                                               | 1        | 203ECH077 |
| DECAL - WARNING (Located Outside Control Box Door).....<br>1. Electrical shock can be fatal.<br>2. Open main disconnect switch, etc.                                              | 1        | 202ESG077 |
| DECAL - DRAIN MOISTURE DAILY.....                                                                                                                                                 | 1        | 205ES0077 |
| DECAL - SEPARATOR PRESSURE DIFFERENTIAL.....                                                                                                                                      | 1        | 200EBE077 |
| DECAL - WARNING - CHECK FAN ORIFICE AFTER BELT ADJUSTMENT..                                                                                                                       | 1        | 210EBE077 |

# REPAIR KITS

| Name of Part                                                  | Quantity  | Part No.  |
|---------------------------------------------------------------|-----------|-----------|
| ROUTINE MAINTENANCE KIT (3000 Hrs.), Standard Air Filter..... |           | EBE80664  |
| ELEMENT, Air Filter.....                                      | 2         | 2008219   |
| ELEMENT, Oil Filter.....                                      | 3         | 2116128   |
| ROUTINE MAINTENANCE KIT (3000 Hrs.), Heavy Duty Air Filter    |           | EBE80665  |
| ELEMENT, Air Filter.....                                      | 2         | 2116150   |
| ELEMENT, Oil Filter.....                                      | 3         | 2116128   |
| PERIODIC MAINTENANCE KIT (9000 Hrs.).....                     |           | EDE80492  |
| O-RING, Inlet Housing & Seat.....                             | 2         | 25AH34    |
| PACKING-RING, Block Vee.....                                  | 2         | 60AM46    |
| O-RING.....                                                   | 1         | 25AH35    |
| RING-RETAINING.....                                           | 1         | 74D50     |
| PERIODIC OVERHAUL KIT (18000 Hrs.).....                       |           | EDE80670  |
| BEARING-ROLLER.....                                           | 1         | 12BA130   |
| BEARING-ROLLER.....                                           | 1         | 12BA127   |
| BEARING-ROLLER.....                                           | 1         | 12BA129   |
| BEARING-ROLLER.....                                           | 1         | 12BA128   |
| SHIM.....                                                     | 1         | 77H54     |
| SHIM.....                                                     | 1         | 77C58     |
| SLEEVE-WEAR.....                                              | 1         | 80M12     |
| SEAL-OIL.....                                                 | 1         | 60DD544   |
| SEAL-OIL.....                                                 | 1         | 60DD543   |
| SPRING-WAVE.....                                              | 2         | 78W47     |
| O-RING.....                                                   | 1         | 25AH21    |
| O-RING.....                                                   | 1         | 25AH6     |
| O-RING.....                                                   | 1         | 25AH20    |
| O-RING.....                                                   | 1         | 25AH7     |
| GASKET-ELIMINATOR.....                                        | 1         | 25BC222   |
| RING-RETAINING.....                                           | 1         | 74D48     |
| RING-RETAINING.....                                           | 1         | 74D22     |
| RING-RETAINING.....                                           | 1         | 74D38     |
| RING-RETAINING.....                                           | 1         | 74D47     |
| OIL SEPARATOR KIT (18000 Hrs.).....                           |           | EBE80660  |
| SEPARATOR.....                                                | 1         | 202EBE035 |
| TUBE (1/4 O.D.).....                                          | 1.500 Ft. | 85K3      |
| ELBOW-TUBE.....                                               | 1         | 86E95     |
| CONNECTOR-TUBE.....                                           | 1         | 86N15     |
| PNEUMATIC CONTROLS & GAUGES (18000 Hrs.).....                 |           | EDE80563  |
| VALVE-SHUTTLE.....                                            | 1         | 90AR107   |
| VALVE-SUBTRACTIVE PILOT.....                                  | 1         | 2009398   |
| VALVE-SOLENOID.....                                           | 1         | 91B70     |
| GAUGE-PRESSURE.....                                           | 1         | 27P196    |
| GAUGE-TEMPERATURE.....                                        | 1         | 27P197    |
| VALVE, Piloted Unloader.....                                  | 1         | 201EDE238 |
| VALVE, Air Control.....                                       | 1         | 200EDE238 |
| ELECTRICAL CONTROL KIT (18000 Hrs.).....                      |           | EBE80758  |
| SWITCH-TEMPERATURE.....                                       | 2         | 21D226    |
| SWITCH-PRESSURE (A.P.S.).....                                 | 1         | 88H144    |
| SWITCH-PRESSURE (R.P.S.).....                                 | 1         | 88H99     |
| PAINT KIT.....                                                |           | EDE80591  |
| 12 OZ. AEROSOL CAN (Machine).....                             | 1         | 28H41     |
| 12 OZ. AEROSOL CAN (Enclosure).....                           | 2         | 28H42     |



8C-3-89



**INDUSTRIAL MACHINERY**

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