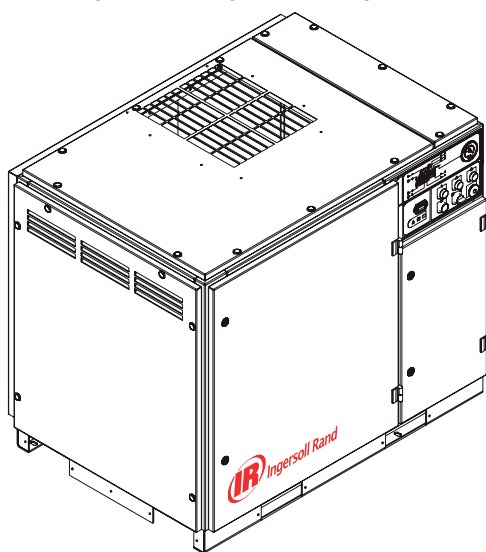




## Contact-Cooled Rotary Screw Air Compressor

UP5 11, UP5 15, UP5 18, UP5 22  
UP6 15, UP6 20, UP6 25, UP6 30



---

## Parts Information



**Save These Instructions**



Only allow **Ingersoll Rand** trained Technicians to perform maintenance on this product. For additional information contact **Ingersoll Rand** factory or nearest Distributor.

The use of other than genuine **Ingersoll Rand** replacement parts may result in safety hazards, decreased performance and increased maintenance and may invalidate all warranties.

Refer all communications to the nearest **Ingersoll Rand** Office or Distributor.

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## PARTS ORDERING INFORMATION

These products are designed and constructed to provide long, trouble-free service. In time it may be necessary to order and install new parts to replace those that have been subjected to wear.

For your convenience and future reference it is recommended that the following information be recorded.

Model Number \_\_\_\_\_

Serial Number \_\_\_\_\_

Date Purchased \_\_\_\_\_

When ordering replacement parts, please specify the following:

1. Complete model number and serial number as it appears on the data (name) plate.
2. Part number(s) and part description as shown in this manual.
3. Quantity required.

### NOTICE

- Continuing improvement and advancement of design may cause changes to this equipment which are not included in this manual. Manuals are periodically revised to incorporate changes. Always check the manual edition number on the front cover for the latest issue.
- Sections of this manual may not apply to your product.
- Using other than genuine **Ingersoll Rand** replacement parts may invalidate the warranty.

### ■ Return Goods Policy

**Ingersoll Rand** will not accept any returned goods for warranty or service work unless prior arrangements have been made and written authorization has been provided from the location where the goods were purchased.

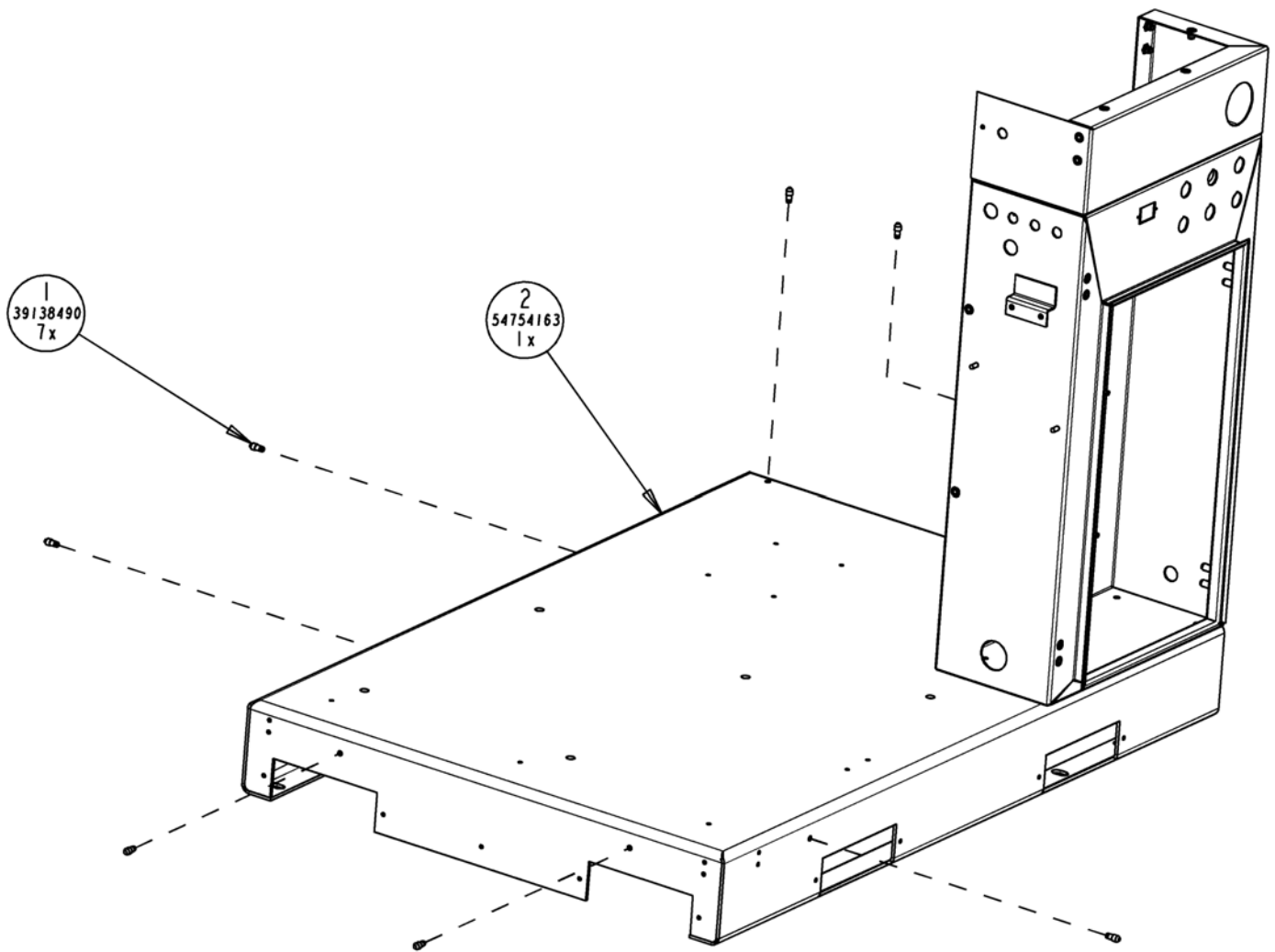
Products which have been modified without **Ingersoll Rand** approval, mishandled or misused will not be repaired or replaced under warranty. A printed copy of the warranty which applies to this product is provided inside the back cover of this manual.

### ■ Disposal



When the life of the product has expired, it is recommended that it be disassembled, degreased and parts separated as to materials so that they may be recycled.

Refer all communications to the nearest **Ingersoll Rand** Office or Distributor.

**BASE (STD NON-TANK MOUNTED) ASSEMBLY DRAWING AND PARTS LIST****Assemble Base and Locator Pins**

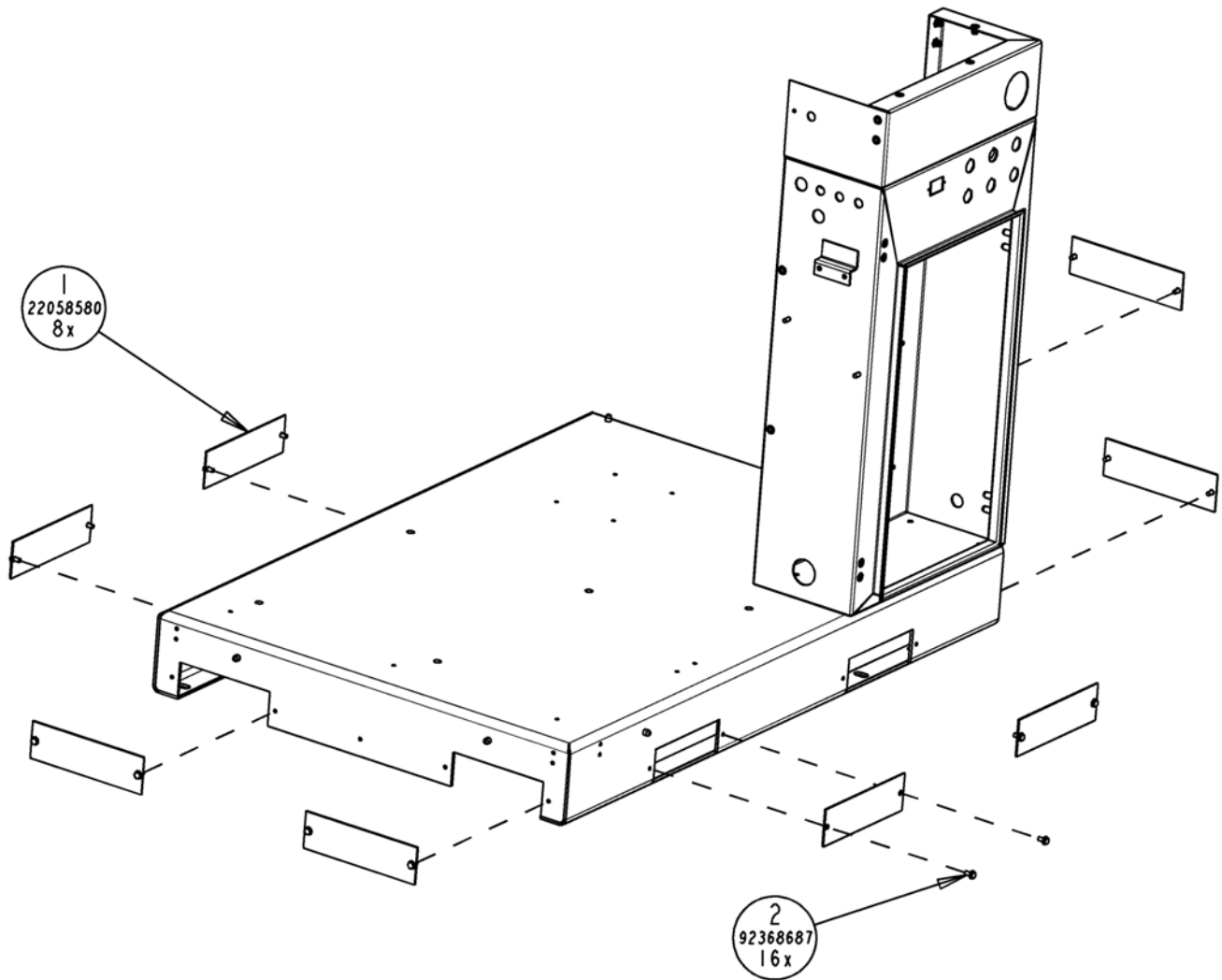
(Dwg. 22174494A2)

**PARTS LIST**

| Item | Part No. | Description    | Qty. |
|------|----------|----------------|------|
| 1    | 39138490 | PIN, LOCATOR   | 7    |
| 2    | 54754163 | BASE, STANDARD | 1    |

# BASE (STD NON-TANK MOUNTED) ASSEMBLY DRAWING AND PARTS LIST

## Assemble Forklift Hole Covers



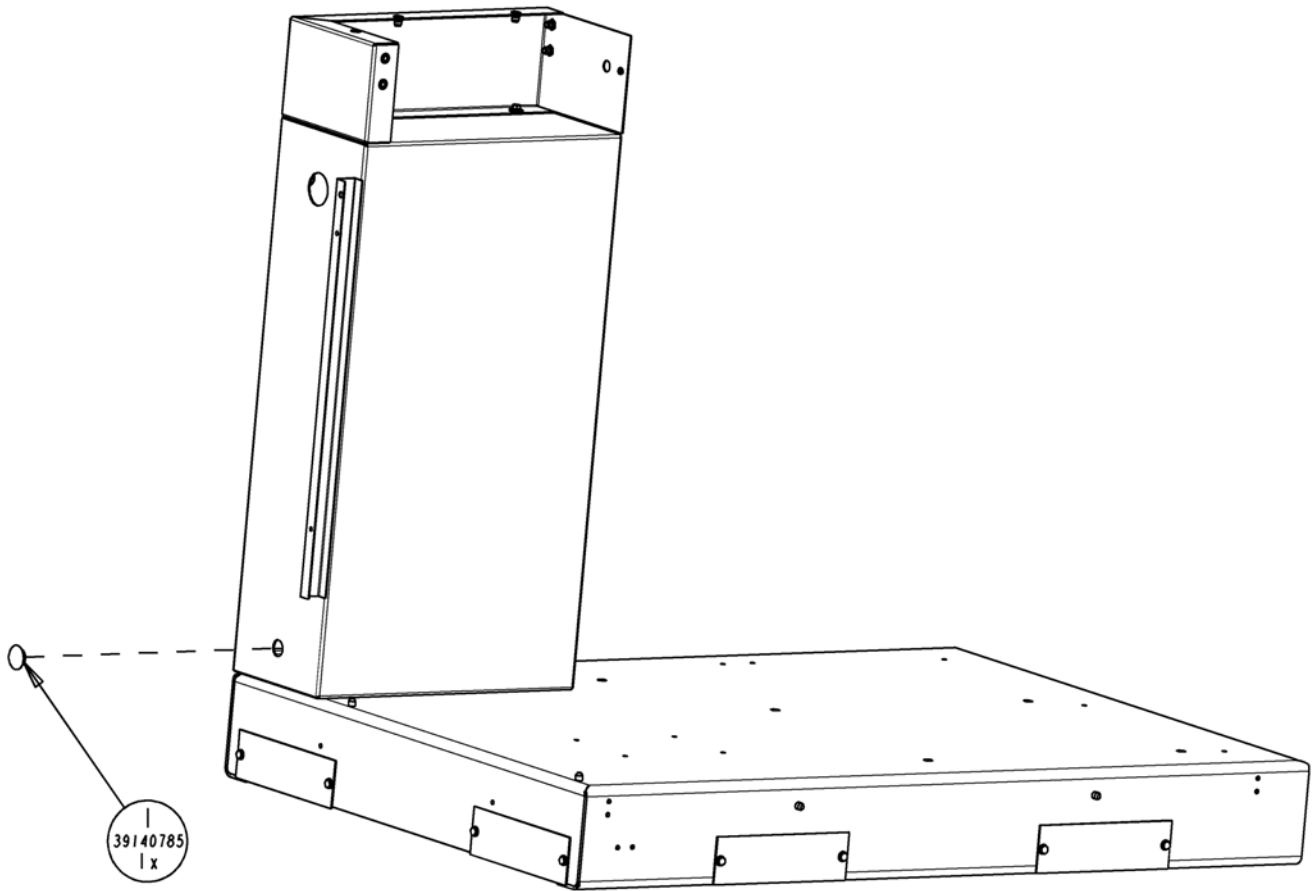
(Dwg. 22174494A3)

### PARTS LIST

| Item | Part No. | Description                  | Qty. |
|------|----------|------------------------------|------|
| 1    | 22058580 | COVER, FORKLIFT OPENING      | 8    |
| 2    | 92368687 | TAPTITE SCREW M6-1 x 12 LONG | 16   |

# BASE (STD NON-TANK MOUNTED) ASSEMBLY DRAWING AND PARTS LIST

## Assemble NEMA 4 Conduit Hole Plug



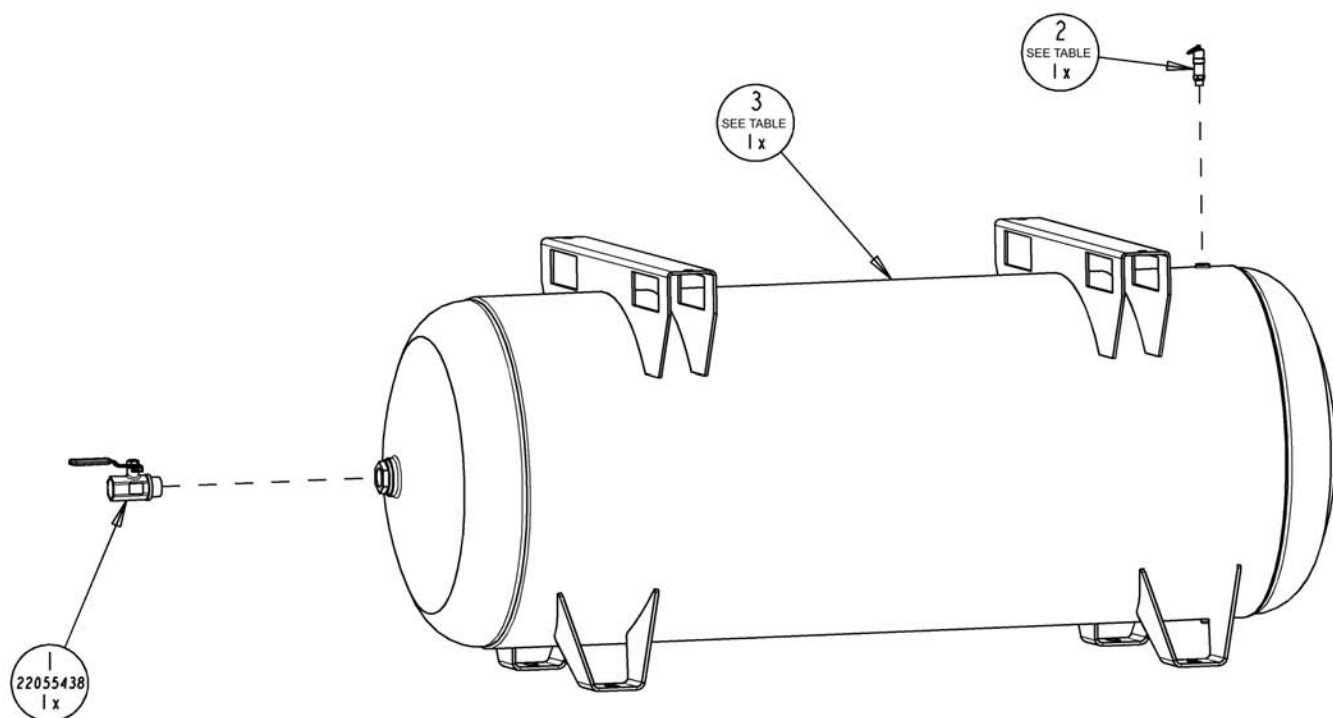
(Dwg. 22174494A4)

### PARTS LIST

| Item | Part No. | Description                          | Qty. |
|------|----------|--------------------------------------|------|
| 1    | 39140785 | PLUG, LIQUID TIGHT 0.50 INCH CONDUIT | 1    |

# RECEIVER TANK (60 HZ, NO DRYER) ASSEMBLY DRAWING AND PARTS LIST

## Assemble Receiver Tank, Ball Valve and Safety Valve



(Dwg. 22174593A2)

### PARTS LIST

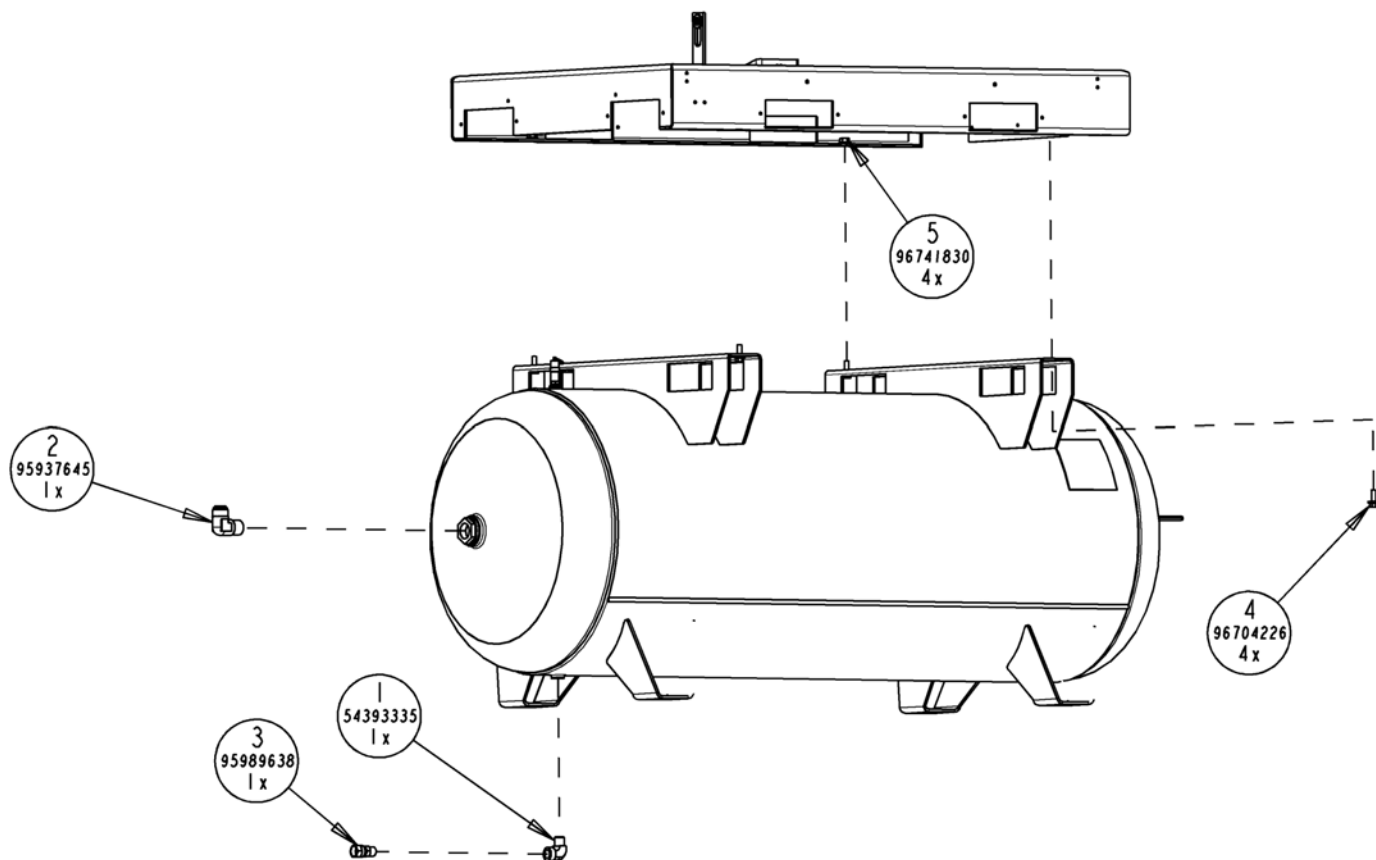
| Item | Part No.  | Description                      | Qty. |
|------|-----------|----------------------------------|------|
| 1    | 22055438  | VALVE, BALL 1.00 NPT x 1.00 FNPT | 1    |
| 2    | SEE TABLE | VALVE, PRESSURE SAFETY           | 1    |
| 3    | SEE TABLE | ASSEMBLY, RECEIVER TANK          | 1    |

**Table For Pressure relief valve and Receiver tank assembly Configuration**

| Description                                 | Pressure relief valve | Receiver tank assembly |
|---------------------------------------------|-----------------------|------------------------|
| 120 GALLON RECEIVER 125/150 PSI 60 Hz UNITS | 39588074              | 54701115               |
| 120 GALLON RECEIVER 200 PSI 60 Hz UNITS     | 22052450              | 54701123               |
| 240 GALLON RECEIVER 125/150 PSI 60 Hz UNITS | 39588074              | 22050843               |
| 240 GALLON RECEIVER 200 PSI 60 Hz UNITS     | 22052450              | 22061543               |

# RECEIVER TANK (60 HZ, NO DRYER) ASSEMBLY DRAWING AND PARTS LIST

## Assemble Receiver Tank to Base



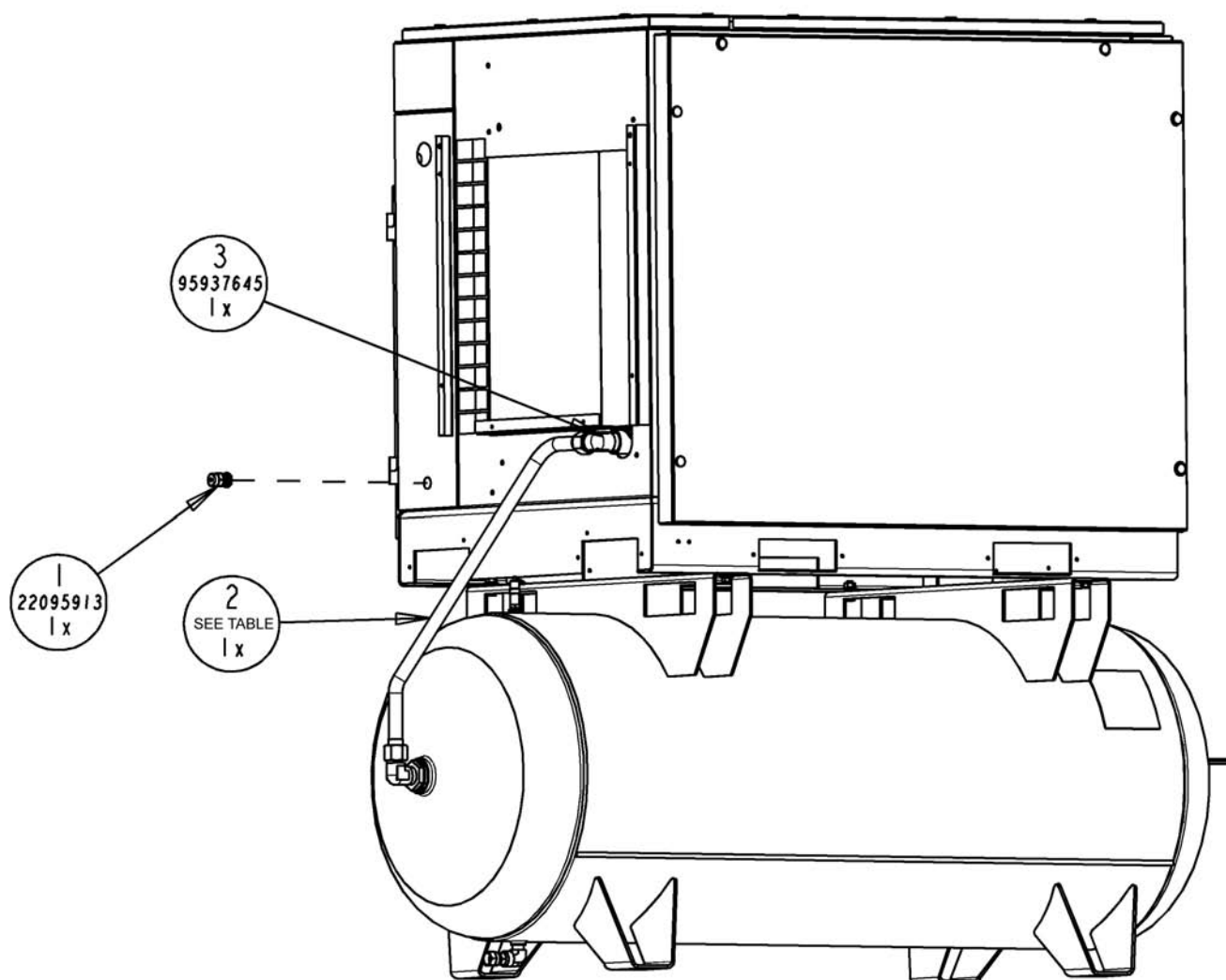
(Dwg. 22174593A3)

## PARTS LIST

| Item | Part No. | Description                                 | Qty. |
|------|----------|---------------------------------------------|------|
| 1    | 54393335 | ELBOW, 0.50 NPT x 0.50 FNPT                 | 1    |
| 2    | 95937645 | ELBOW 1.00 INCH TUBE x 1.00 NPT             | 1    |
| 3    | 95989638 | CONNECTOR, 0.50 NPT x 0.63 INCH FEMALE TUBE | 1    |
| 4    | 96704226 | SCREW, HEX HEAD FLANGE                      | 4    |
| 5    | 96741830 | NUT, HEX FLANGE LOCK SERRATED M12           | 4    |

# RECEIVER TANK (60 HZ, NO DRYER) ASSEMBLY DRAWING AND PARTS LIST

## Assemble Air Discharge Tube and Cable Glands



(Dwg. 22174593A4)

## PARTS LIST

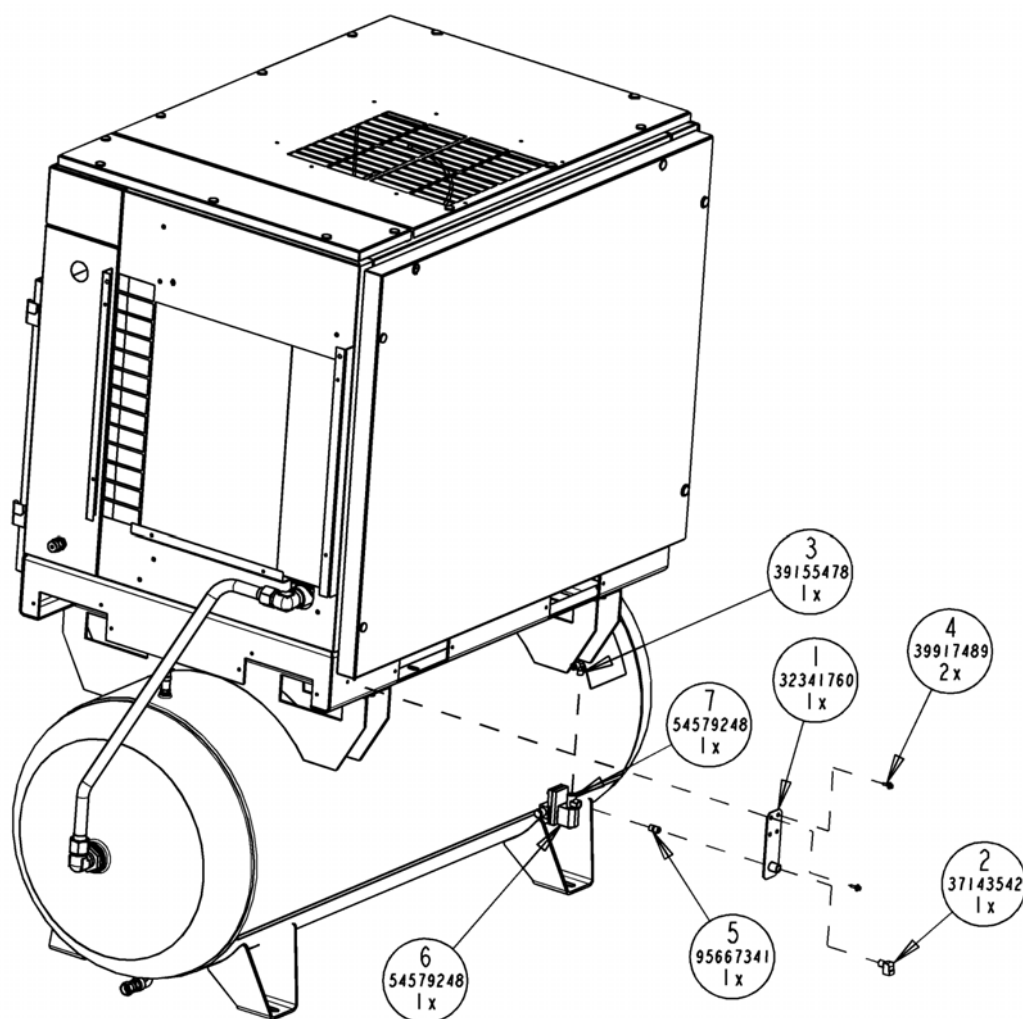
| Item | Part No.  | Description                  | Qty. |
|------|-----------|------------------------------|------|
| 1    | 22095913  | GLAND, PG-13 CABLE           | 1    |
| 2    | see TABLE | TUBE, AIR DISCHARGE          | 1    |
| 3    | 95937645  | ELBOW 1 INCH TUBE x 1.00 NPT | 1    |

Table for Air discharge tube

| Description                                 | Air discharge tube |
|---------------------------------------------|--------------------|
| 120 GALLON RECEIVER 125/150 PSI 60 Hz UNITS | 85582161           |
| 120 GALLON RECEIVER 200 PSI 60 Hz UNITS     | 85582161           |
| 240 GALLON RECEIVER 125/150 PSI 60 Hz UNITS | 85584076           |
| 240 GALLON RECEIVER 200 PSI 60 Hz UNITS     | 85584076           |

# RECEIVER TANK (60 HZ, NO DRYER) ASSEMBLY DRAWING AND PARTS LIST

## Assemble Electric Drain Valve and Bracket to Base



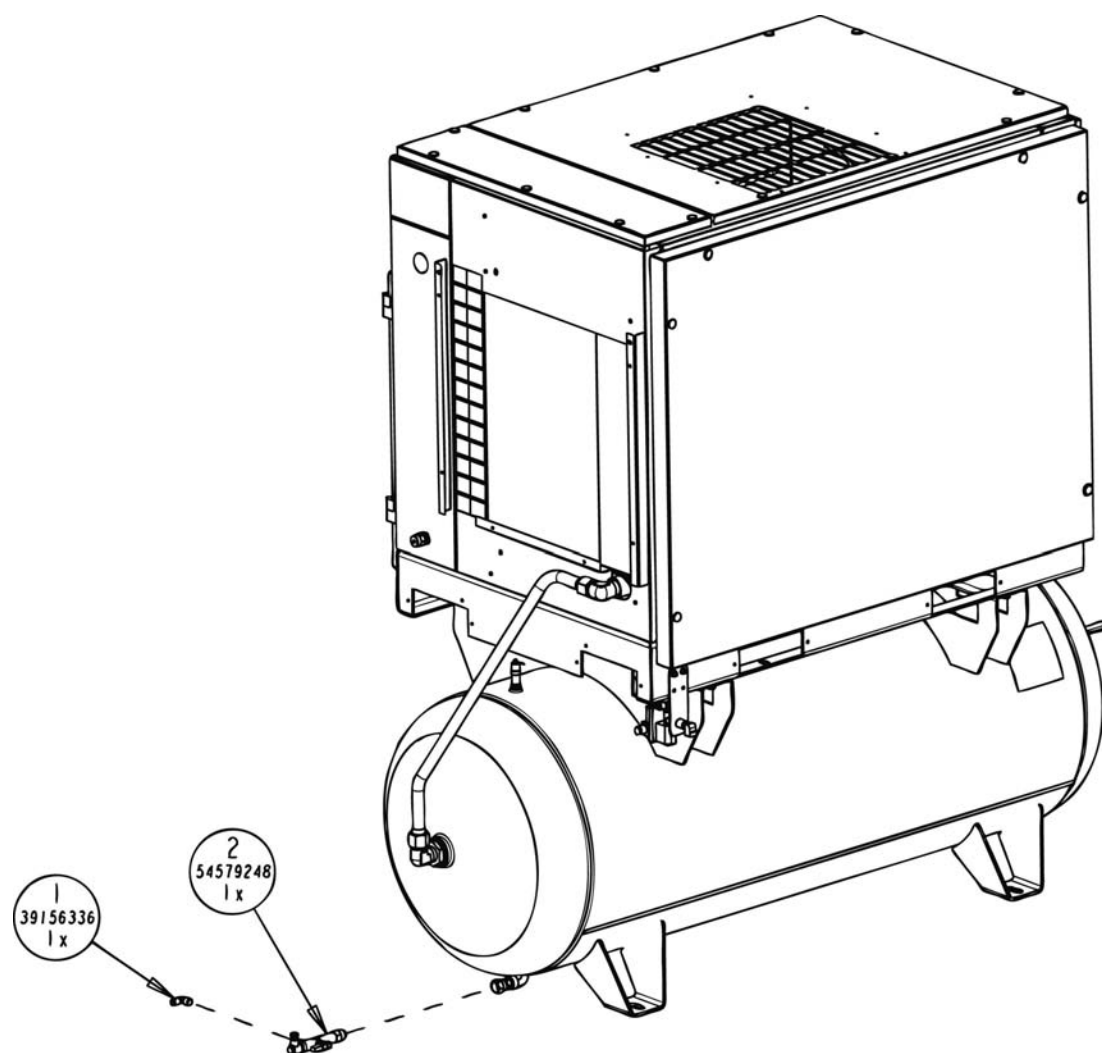
(Dwg. 22174593A5)

## PARTS LIST

| Item | Part No. | Description                                             | Qty. |
|------|----------|---------------------------------------------------------|------|
| 1    | 32341760 | BRACKET, EDV-2000                                       | 1    |
| 2    | 37143542 | ELBOW, STREET 0.25 NPT                                  | 1    |
| 3    | 39155478 | ELBOW , 0.25 NPT x 0.25 INCH TUBE                       | 1    |
| 4    | 39917489 | SCREW, HEX HEAD FLANGE M6 x16 LONG                      | 2    |
| 5    | 95667341 | NIPPLE, EXTRA STRONG 0.25 NPT x 0.88 INCH LONG          | 1    |
| 6    | 54579248 | VALVE, ELECTRIC DRAIN (PART OF VALVE ASSEMBLY 54579248) | 1    |
| 7    | 54579248 | VALVE, ELECTRIC DRAIN (PART OF VALVE ASSEMBLY 54579248) | 1    |

# RECEIVER TANK (60 HZ, NO DRYER) ASSEMBLY DRAWING AND PARTS LIST

## Assemble Electric Drain Valve Parts to Receiver Tank



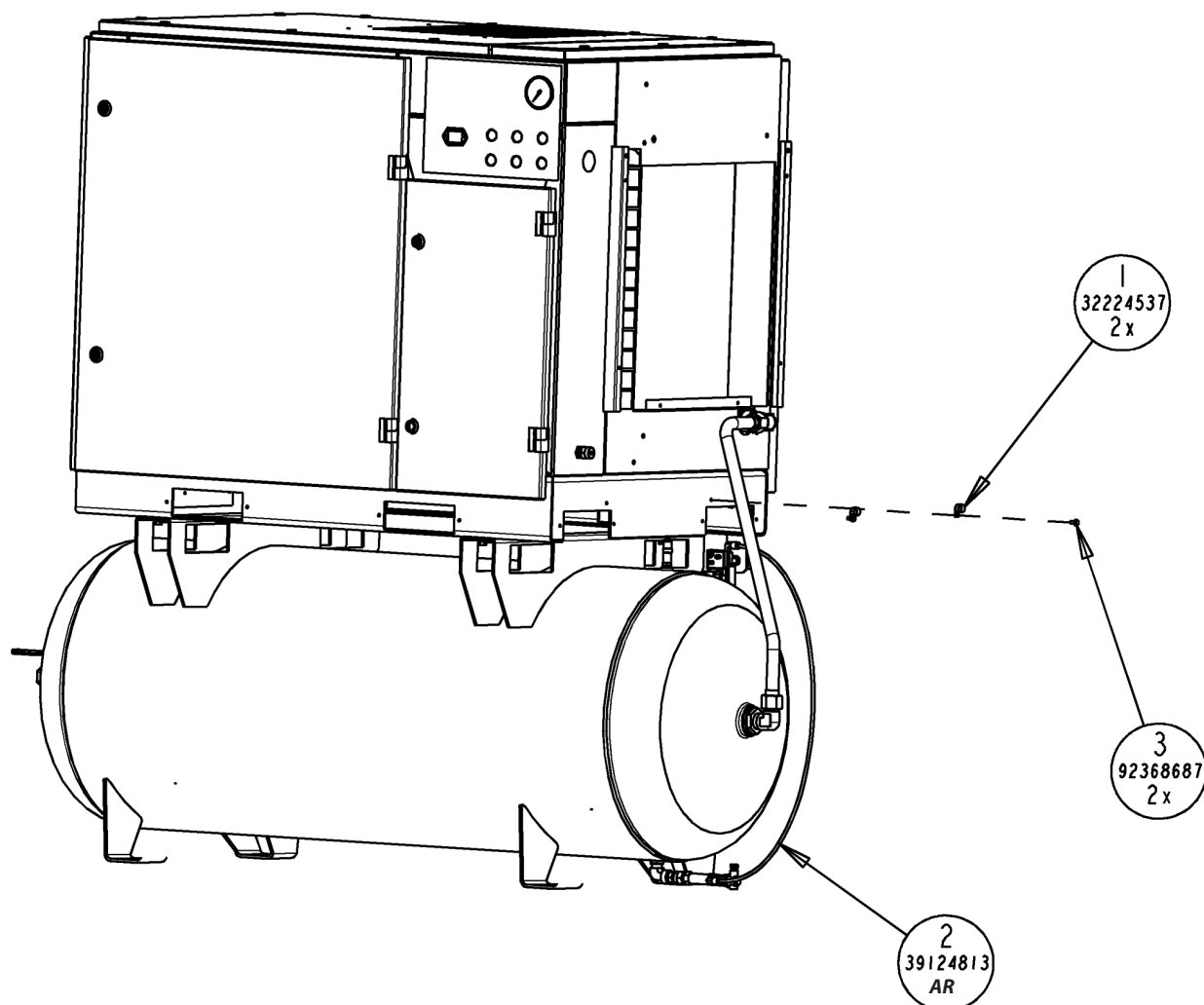
(Dwg. 22174593A6)

### PARTS LIST

| Item | Part No. | Description                                             | Qty. |
|------|----------|---------------------------------------------------------|------|
| 1    | 39156336 | ELBOW 0.25 FNPT x 0.25 INCH TUBE                        | 1    |
| 2    | 54579248 | VALVE, ELECTRIC DRAIN (PART OF VALVE ASSEMBLY 54579248) | 1    |

# RECEIVER TANK (60 HZ, NO DRYER) ASSEMBLY DRAWING AND PARTS LIST

Assemble Electric Drain Valve Cable Clamps and Drain Tubing

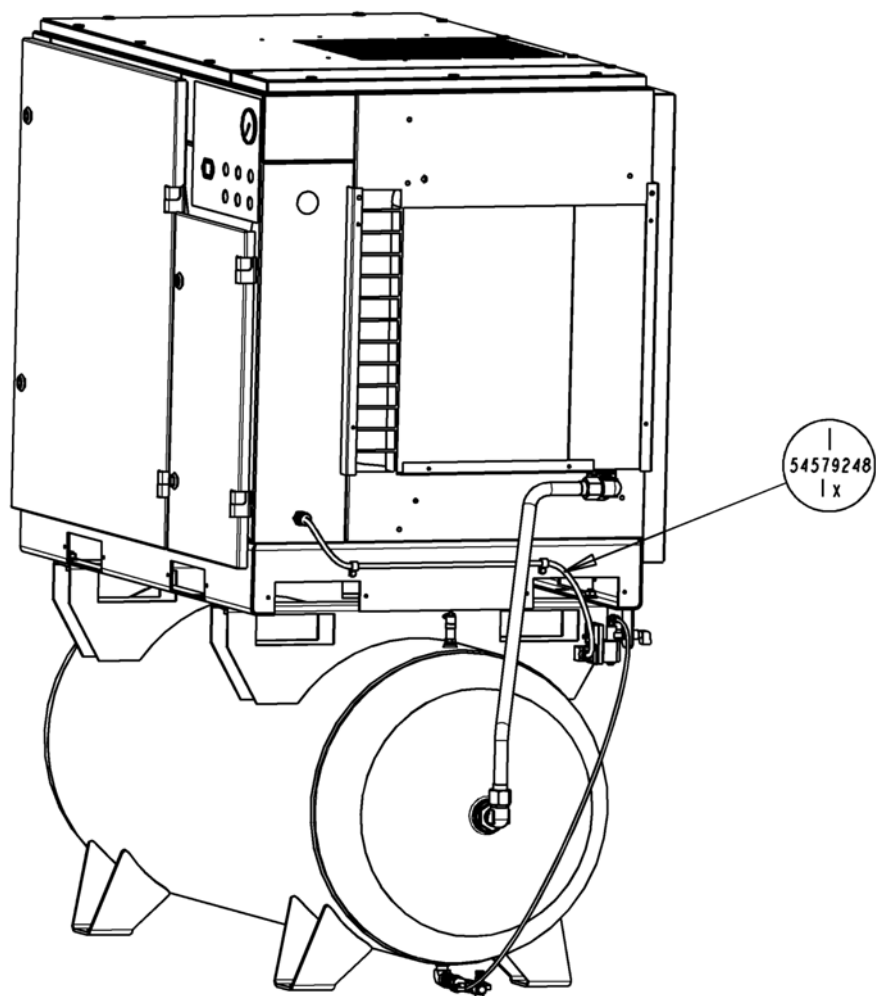


(Dwg. 22174593A7)

## PARTS LIST

| Item | Part No. | Description                  | Qty. |
|------|----------|------------------------------|------|
| 1    | 32224537 | CLAMP, TUBE 3/8              | 2    |
| 2    | 39124813 | TUBING, 0.25 INCH SYNDFLEX   | AR   |
| 3    | 92368687 | TAPTITE SCREW M6-1 x 12 LONG | 2    |

AR - AS REQUIRED.

**RECEIVER TANK (60 HZ, NO DRYER) ASSEMBLY DRAWING AND PARTS LIST****Assemble Electric Drain Valve Cable**

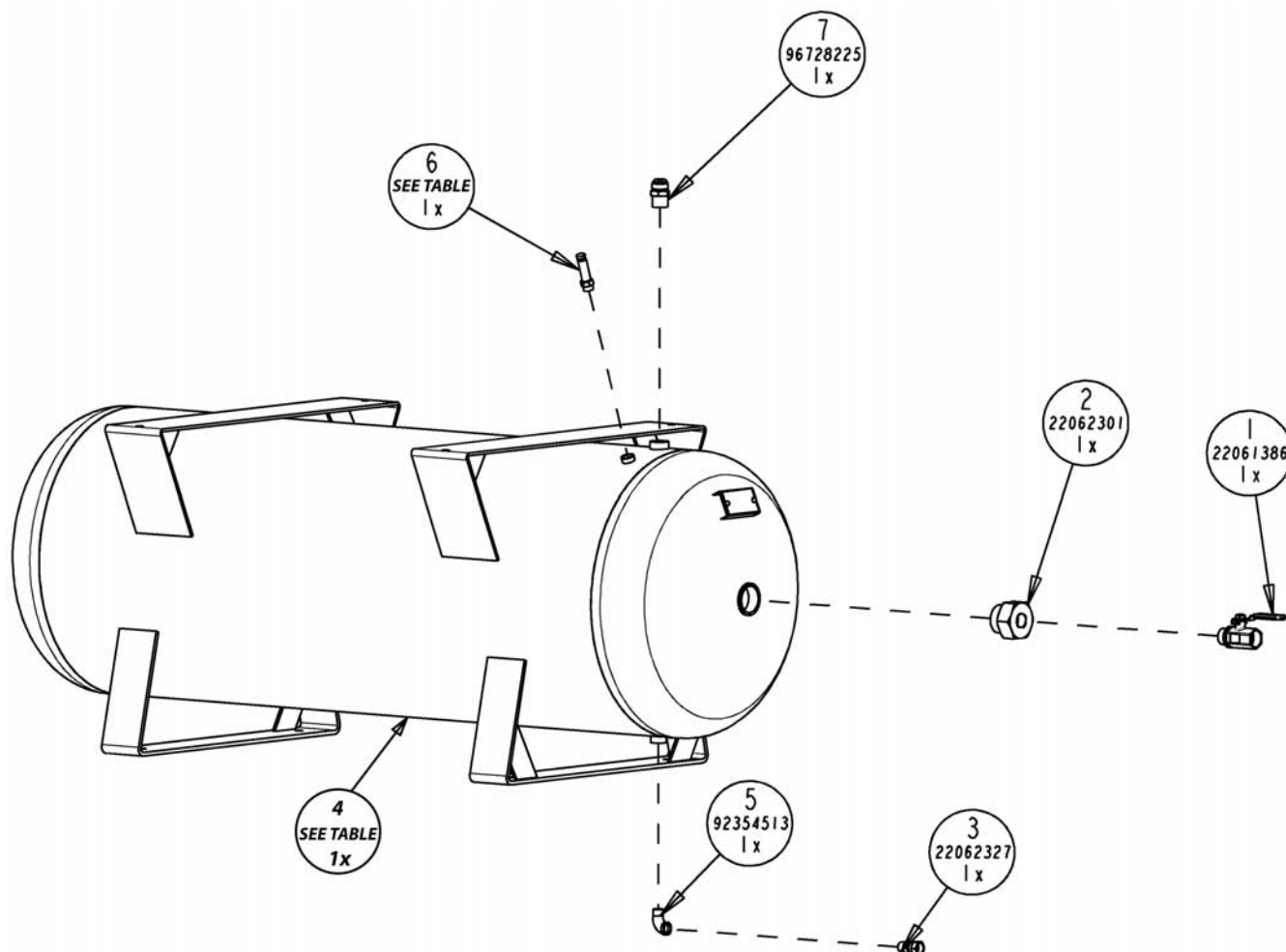
(Dwg. 22174593A8)

**PARTS LIST**

| Item | Part No. | Description                                                   | Qty. |
|------|----------|---------------------------------------------------------------|------|
| 1    | 54579248 | CORD, ELECTRIC DRAIN VALVE ( PART OF VALVE ASSEMBLY 54579248) | 1    |

# RECEIVER TANK (50 HZ, NO DRYER) ASSEMBLY DRAWING AND PARTS LIST

## Assemble Receiver Tank, Ball Valve and Safety Valve



(Dwg. 22174619B2)

### PARTS LIST

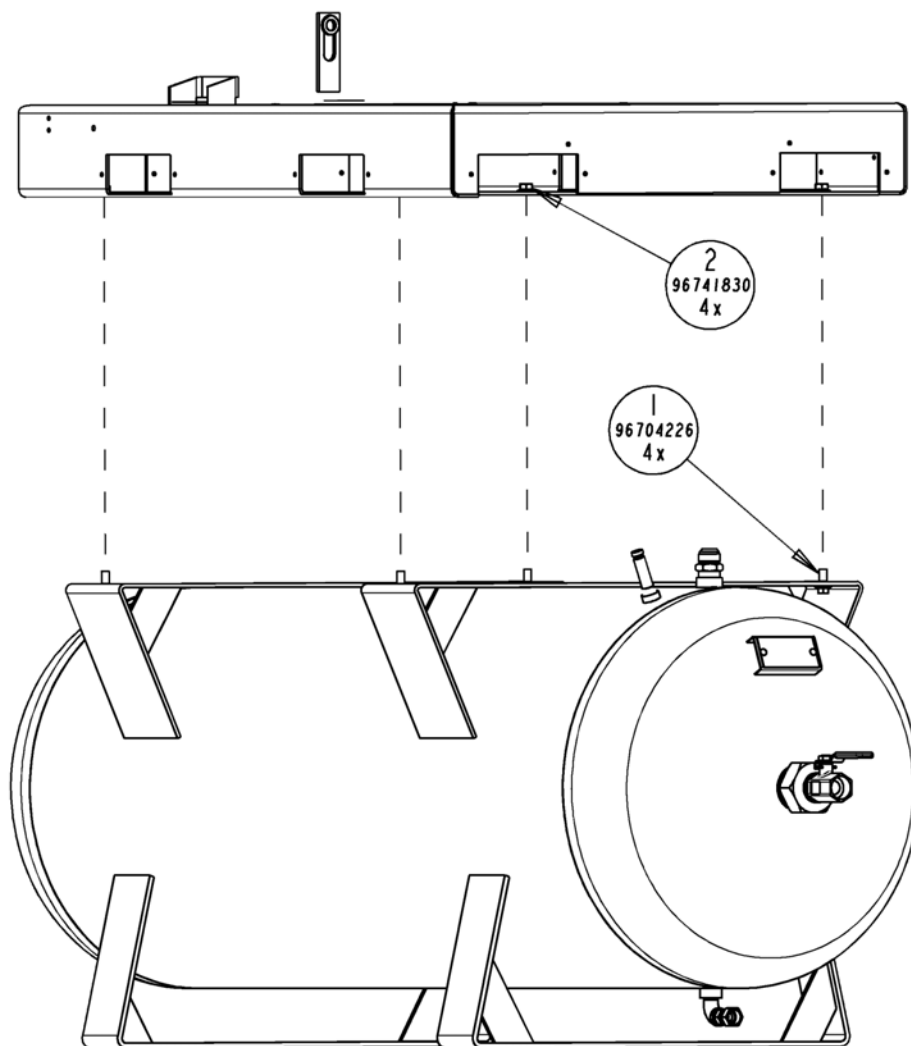
| Item | Part No.  | Description                                         | Qty. |
|------|-----------|-----------------------------------------------------|------|
| 1    | 22061386  | VALVE, BALL 1.00 BSPT MALE x 1.00 BSPT FEMALE       | 1    |
| 2    | 22062301  | BUSHING, REDUCING 2.00 BSPT MALE x 1.00 BSPT FEMALE | 1    |
| 3    | 22062327  | CONNECTOR 0.50 BSPT x 0.63 INCH FEMALE TUBE         | 1    |
| 4    | SEE TABLE | ASSEMBLY, RECEIVER TANK                             | 1    |
| 5    | 92354513  | ELBOW, 0.50 FNPT x 0.50 NPT                         | 1    |
| 6    | SEE TABLE | VALVE, PRESSURE SAFETY                              | 1    |
| 7    | 96728225  | CONNECTOR, 1.00 INCH TUBE x 1.00 BSPT               | 1    |

**Table for Pressure Safety Valve and Receiver Tank Assembly**

| Description                                    | Pressure Safety Valve | Receiver Tank Assembly |
|------------------------------------------------|-----------------------|------------------------|
| 500 LITER RECEIVER 14 BAR 50 HERTZ UNITS       | 92957604              | 54766811               |
| 500 LITER RECEIVER 14 BAR 50 HERTZ UNITS-CHINA | 92957604              | 99289670               |
| 500 LITER RECEIVER 14 BAR 50 HERTZ UNITS-INDIA | 92957604              | 22268270               |
| 750 LITER RECEIVER 10 BAR 50 HERTZ UNITS       | 54426580              | 54766837               |
| 750 LITER RECEIVER 10 BAR 50 HERTZ UNITS-CHINA | 54426580              | 99289688               |
| 750 LITER RECEIVER 10 BAR 50 HERTZ UNITS-INDIA | 54426580              | 22268296               |

# RECEIVER TANK (50 HZ, NO DRYER) ASSEMBLY DRAWING AND PARTS LIST

## Assemble Receiver Tank to Base



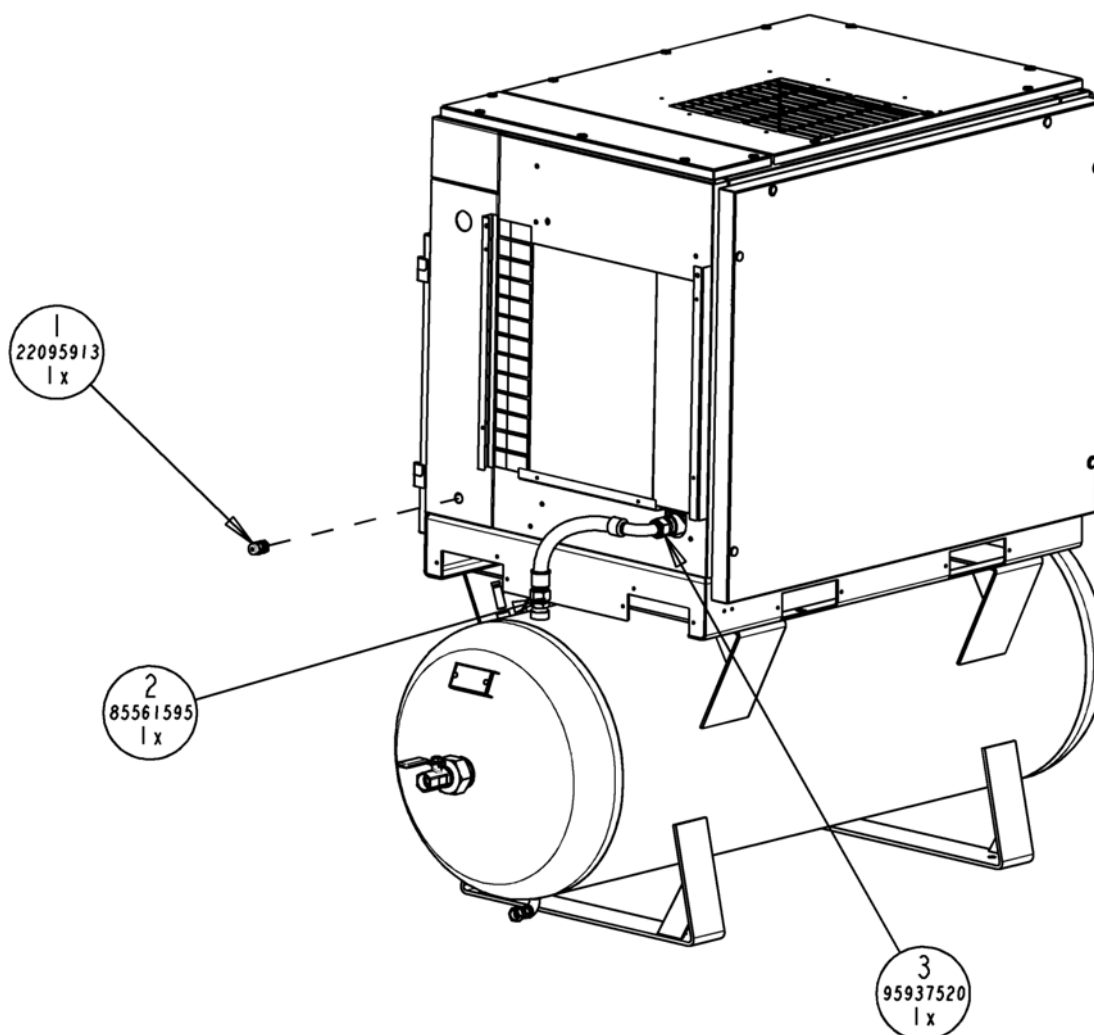
(Dwg. 22174619B3)

## PARTS LIST

| Item | Part No. | Description                            | Qty. |
|------|----------|----------------------------------------|------|
| 1    | 96204226 | SCREW, HEX HEAD FLANGE                 | 4    |
| 2    | 96741830 | NUT, HEX FLANGE LOCK SERRATED M12-1.75 | 4    |

# RECEIVER TANK (50 HZ, NO DRYER) ASSEMBLY DRAWING AND PARTS LIST

## Assemble Air Discharge Tube and Cable Gland



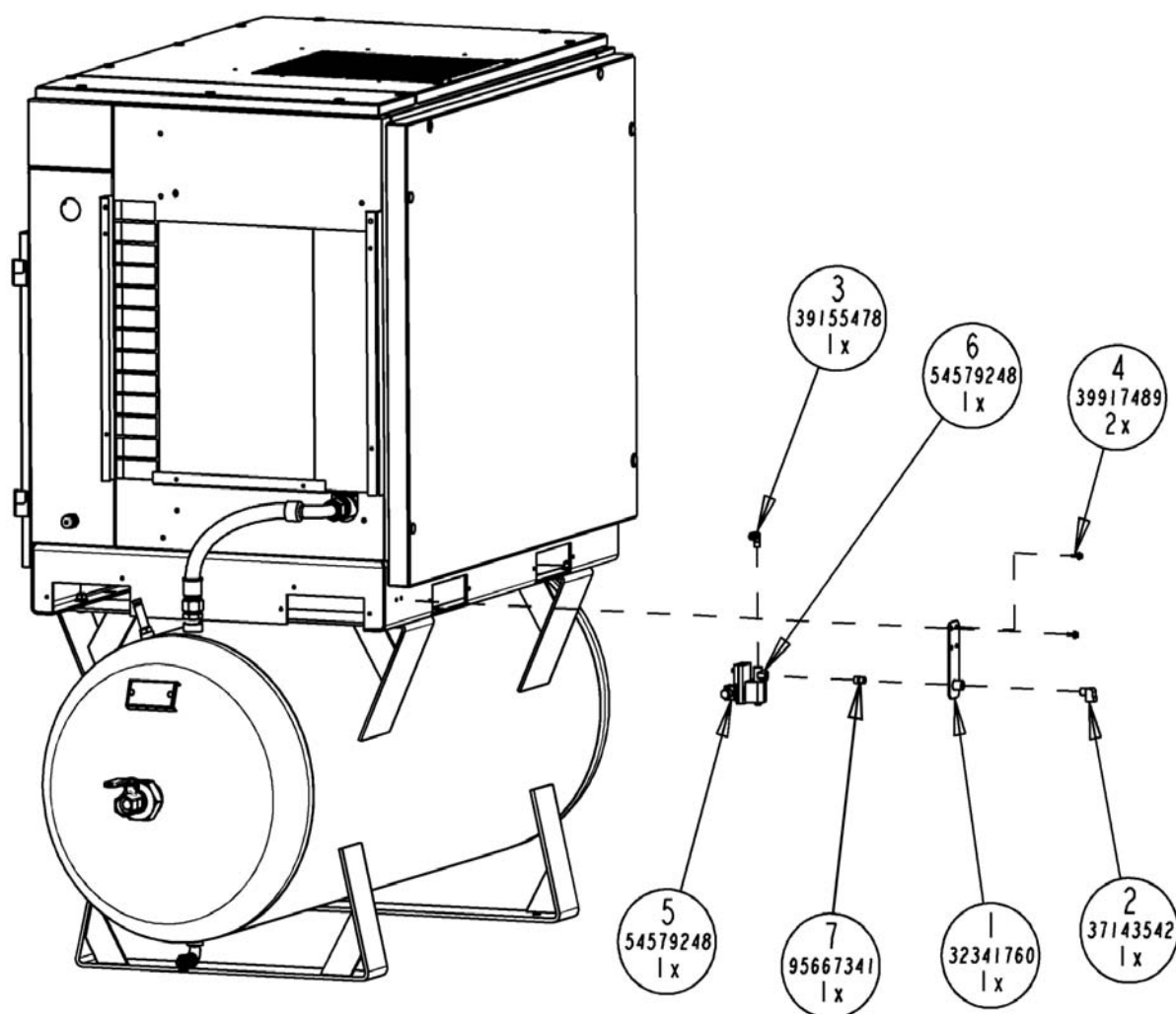
(Dwg. 22174619B4)

### PARTS LIST

| Item | Part No. | Description                                      | Qty. |
|------|----------|--------------------------------------------------|------|
| 1    | 22095913 | GLAND, PG-13 CABLE                               | 1    |
| 2    | 85561595 | HOSE, HYDRAULIC STR x 90 DEG., -16 x 550 mm LONG | 1    |
| 3    | 95937520 | CONNECTOR 1 INCH TUBE x 1.00 NPT                 | 1    |

# RECEIVER TANK (50 HZ, NO DRYER) ASSEMBLY DRAWING AND PARTS LIST

## Assemble Electric Drain Valve and Bracket to Base



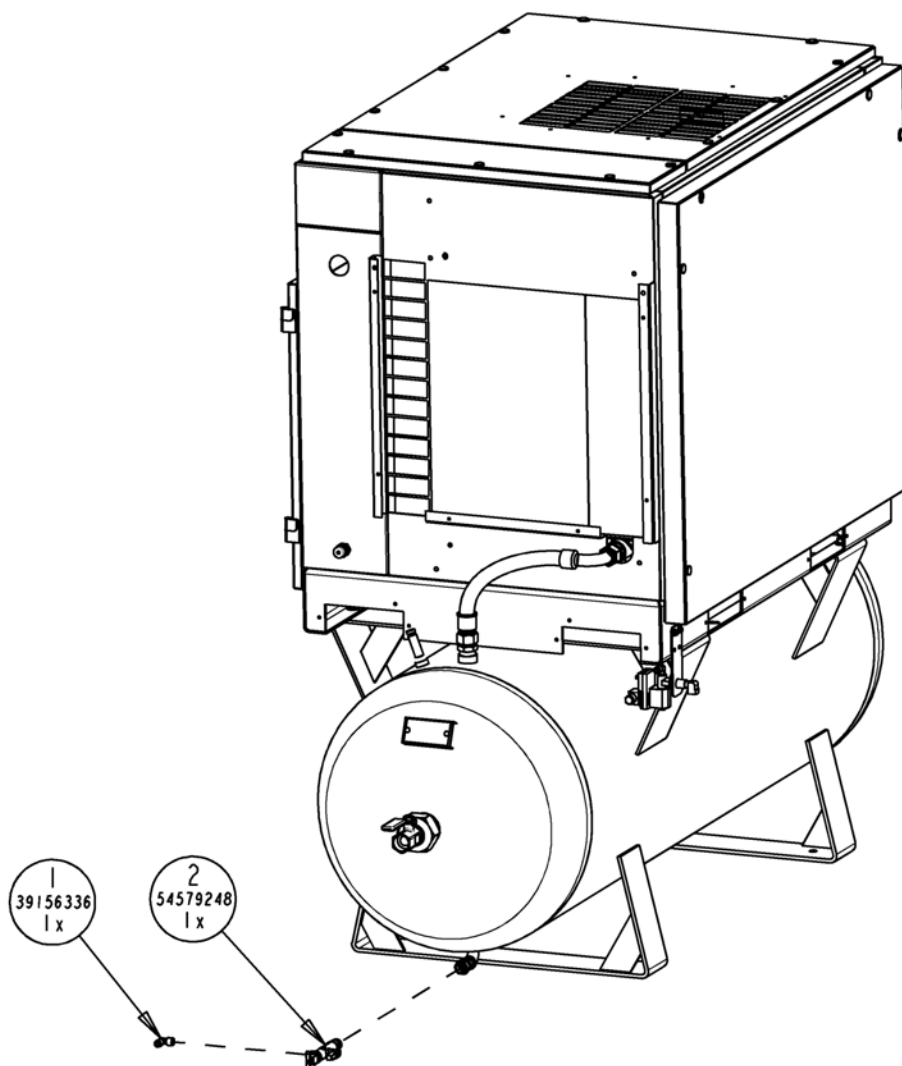
(Dwg. 22174619B5)

## PARTS LIST

| Item | Part No. | Description                                        | Qty. |
|------|----------|----------------------------------------------------|------|
| 1    | 32341760 | BRACKET, EDV-2000                                  | 1    |
| 2    | 37143542 | ELBOW, 0.25 NPT                                    | 1    |
| 3    | 39155478 | ELBOW, 0.25 NPT x 0.25 INCH TUBING                 | 1    |
| 4    | 39917489 | SCREW , HEX HEAD FLANGE M6 x 16 LONG               | 2    |
| 5    | 54579248 | SOLENOID, NLV (PART OF EDV ASSEMBLY 54579248)      | 1    |
| 6    | 54579248 | TEE, EDV CONNECTOR (PART OF EDV ASSEMBLY 54579248) | 1    |
| 7    | 95667341 | NIPPLE, EXTRA STRONG 0.25 NPT x 0.88 INCH LONG     | 1    |

# RECEIVER TANK (50 HZ, NO DRYER) ASSEMBLY DRAWING AND PARTS LIST

## Assemble Electric Drain Valve Parts to Receiver Tank



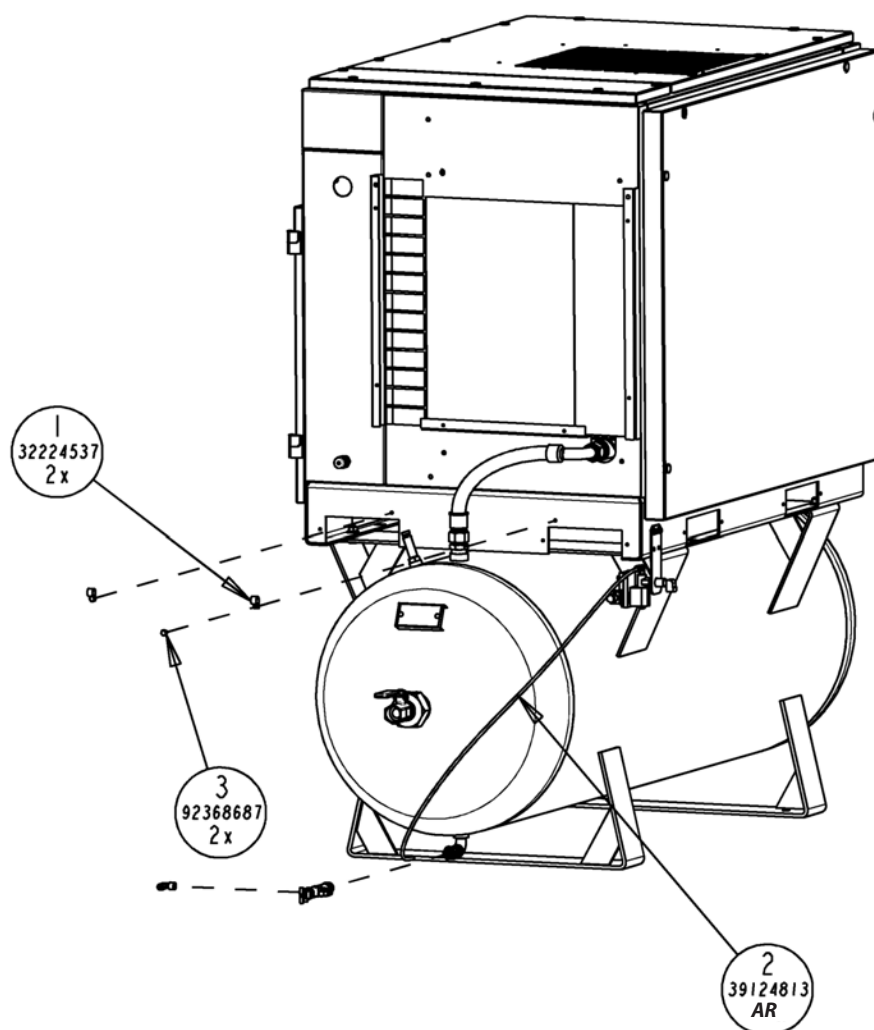
(Dwg. 22174619B6)

### PARTS LIST

| Item | Part No. | Description                       | Qty. |
|------|----------|-----------------------------------|------|
| 1    | 39156336 | ELBOW, 0.25 FNPT x 0.25 INCH TUBE | 1    |
| 2    | 54579248 | ASSEMBLY , ELECTRIC DRAIN VALVE   | 1    |

# RECEIVER TANK (50 HZ, NO DRYER) ASSEMBLY DRAWING AND PARTS LIST

## Assemble Drain Valve Cable Clamps and Drain Tubing

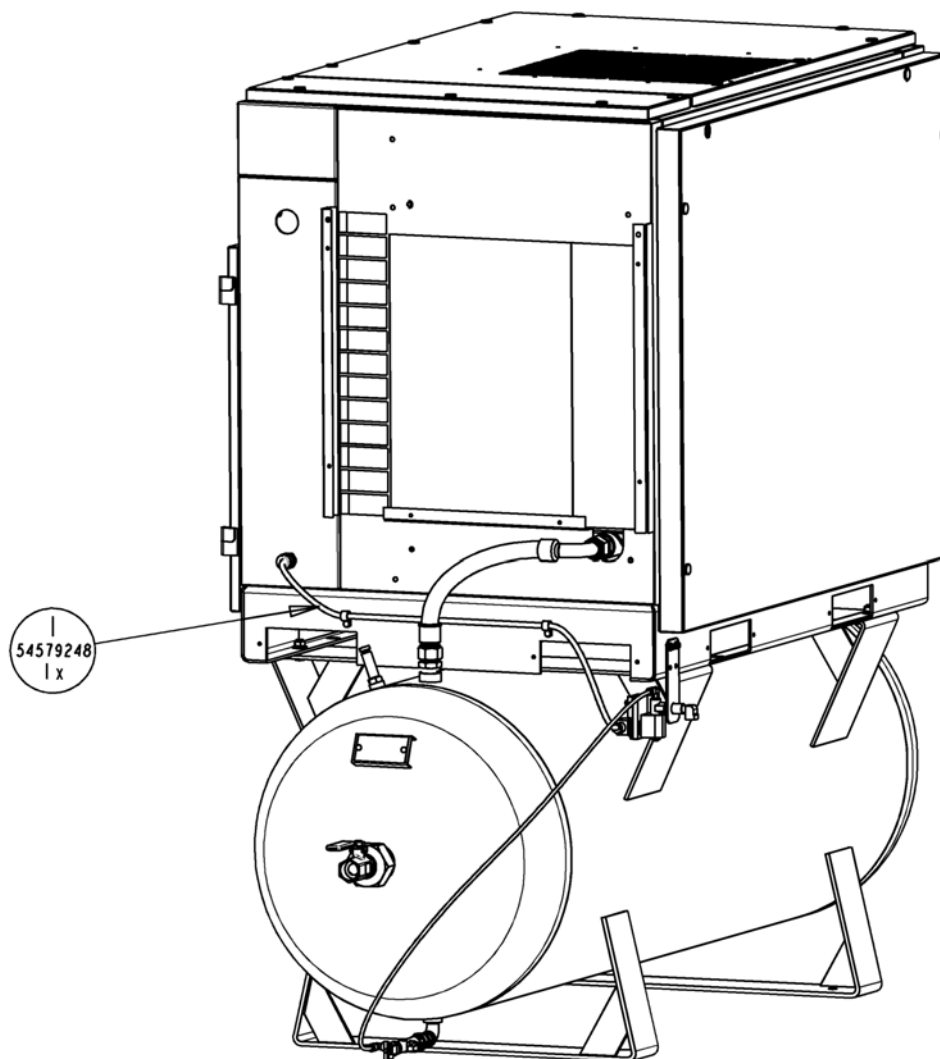


(Dwg. 22174619B7)

### PARTS LIST

| Item | Part No. | Description                  | Qty. |
|------|----------|------------------------------|------|
| 1    | 32224337 | CLAMP, 0.38 INCH TUBE        | 2    |
| 2    | 39124813 | TUBING, 0.25 INCH SYNDFLEX   | AR   |
| 3    | 92368687 | TAPTITE SCREW M6-1 x 12 LONG | 2    |

AR - AS REQUIRED

**RECEIVER TANK (50 HZ, NO DRYER) ASSEMBLY DRAWING AND PARTS LIST****Assemble Electric Valve Cable**

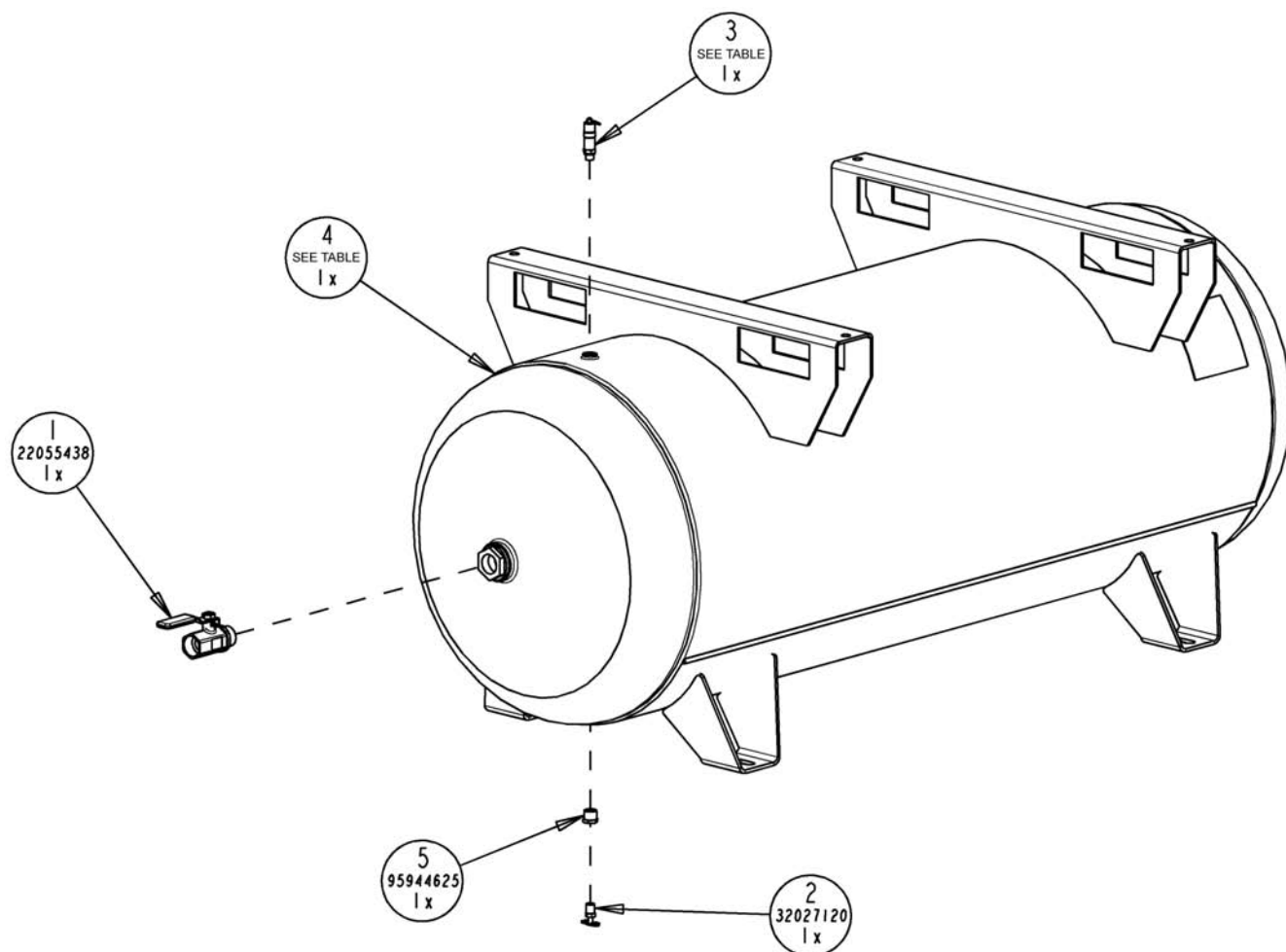
(Dwg. 22174619B8)

**PARTS LIST**

| Item | Part No. | Description                                                  | Qty. |
|------|----------|--------------------------------------------------------------|------|
| 1    | 54579248 | CORD, ELECTRIC DRAIN VALVE (PART OF VALVE ASSEMBLY 54579248) | 1    |

# RECEIVER TANK (60 HZ, DRYER) ASSEMBLY DRAWING AND PARTS LIST

## Assemble Ball Valve, Drain Valve and Safety Valve



(Dwg. 22174601A2)

### PARTS LIST

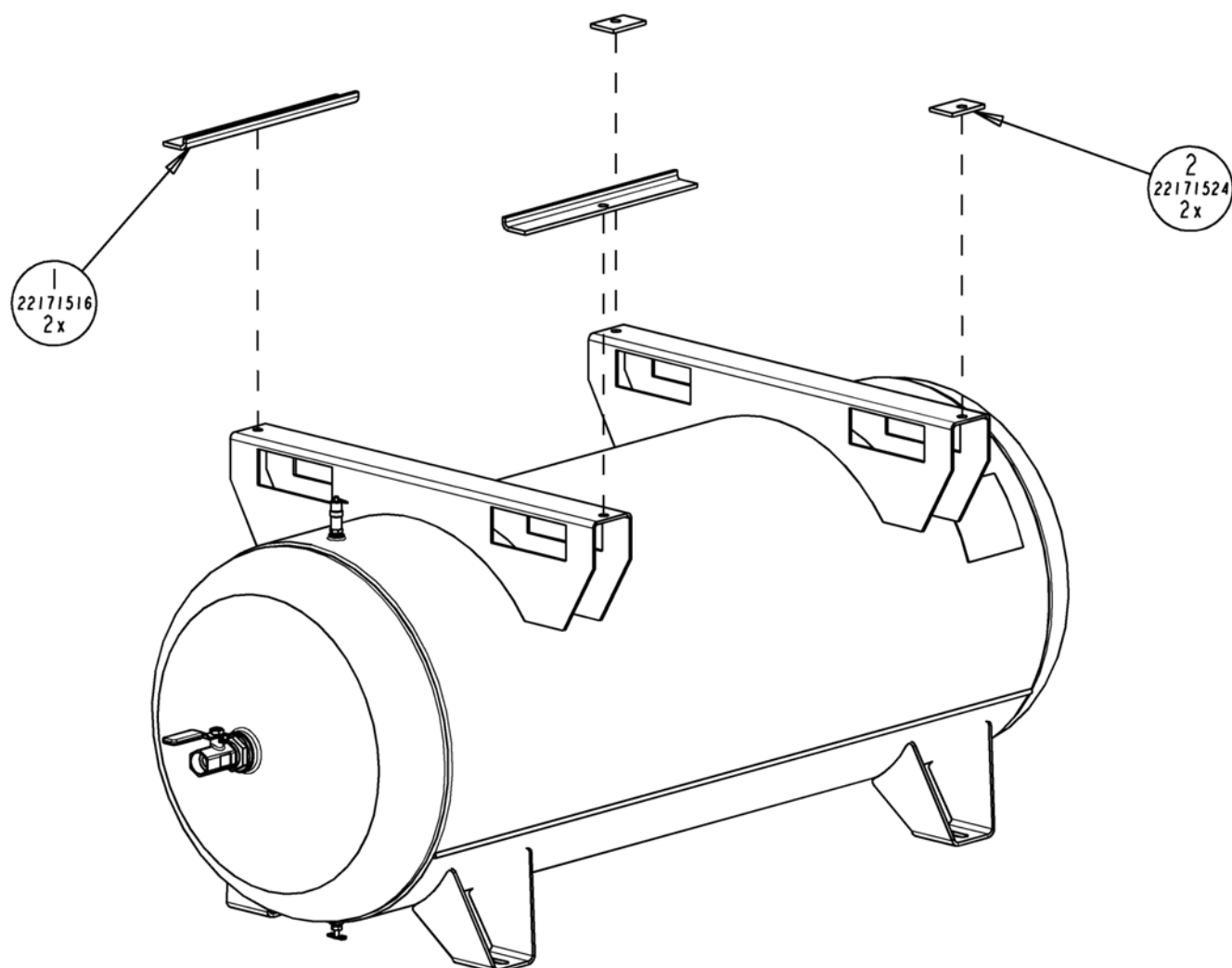
| Item | Part No.  | Description                           | Qty. |
|------|-----------|---------------------------------------|------|
| 1    | 22055438  | VALVE , BALL 1.00 NPT x 1.00 FNPT     | 1    |
| 2    | 32027120  | VALVE, 0.25 INCH MANUAL DRAIN         | 1    |
| 3    | SEE TABLE | VALVE, PRESSURE SAFETY                | 1    |
| 4    | SEE TABLE | ASSEMBLY, RECEIVER TANK               | 1    |
| 5    | 95944625  | BUSHING, REDUCER 0.50 NPT x 0.25 FNPT | 1    |

**Table for Pressure Safety Valve and Receiver Tank Assembly**

| Description                                       | Pressure Safety Valve | Receiver Tank Assembly |
|---------------------------------------------------|-----------------------|------------------------|
| 120 GALLON RECEIVER 125/150 PSI 60 Hz DRYER UNITS | 39588074              | 54701115               |
| 120 GALLON RECEIVER 200 PSI 60 Hz DRYER UNITS     | 22052450              | 54701123               |
| 240 GALLON RECEIVER 125/150 PSI 60 Hz DRYER UNITS | 39588074              | 22050843               |
| 240 GALLON RECEIVER 200 PSI 60 Hz DRYER UNITS     | 22052450              | 22061543               |

# RECEIVER TANK (60 HZ, DRYER) ASSEMBLY DRAWING AND PARTS LIST

## Assemble Braces



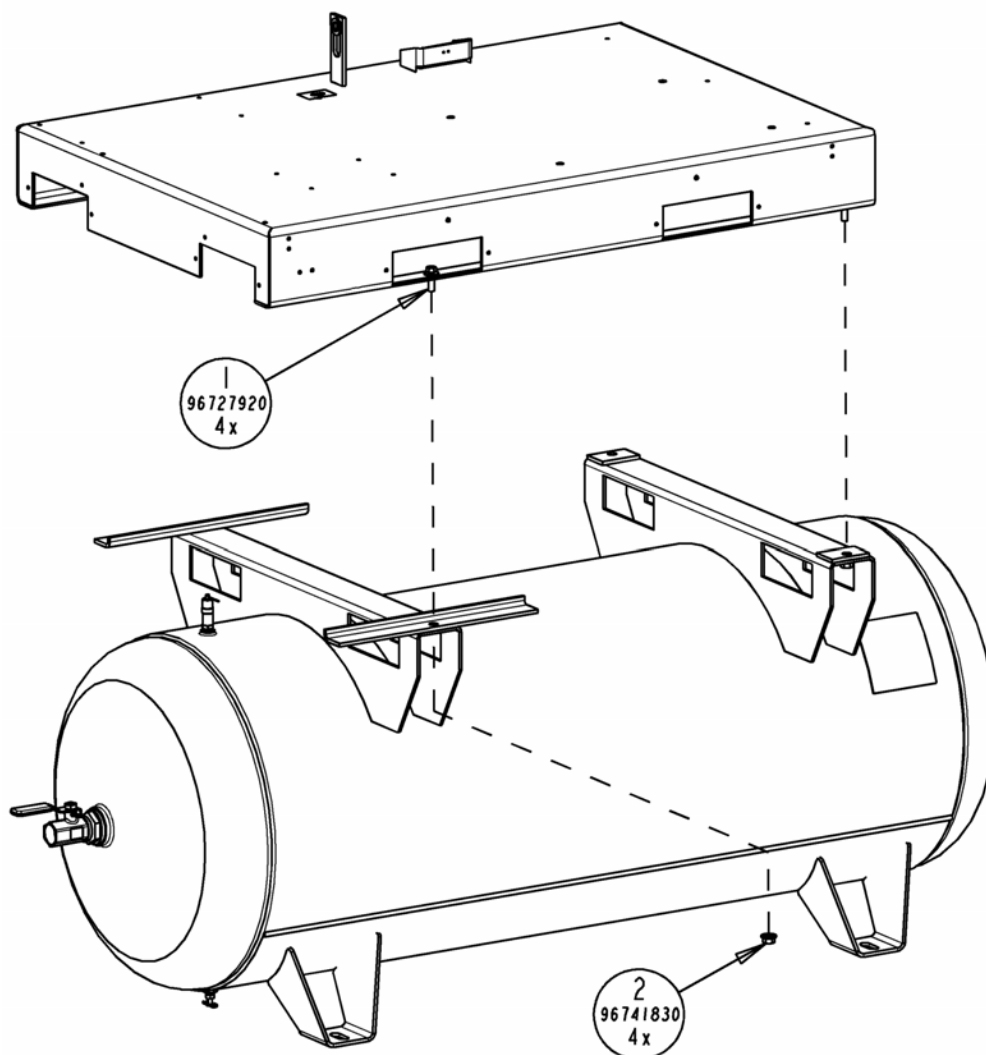
(Dwg. 22174601A3)

## PARTS LIST

| Item | Part No. | Description                           | Qty. |
|------|----------|---------------------------------------|------|
| 1    | 22171516 | BRACE, STIFFENER (TANK MOUNTED DRYER) | 2    |
| 2    | 22171524 | SPACER, BASE (TANK MOUNTED DRYER)     | 2    |

# RECEIVER TANK (60 HZ, DRYER) ASSEMBLY DRAWING AND PARTS LIST

## Assemble Receiver to Base



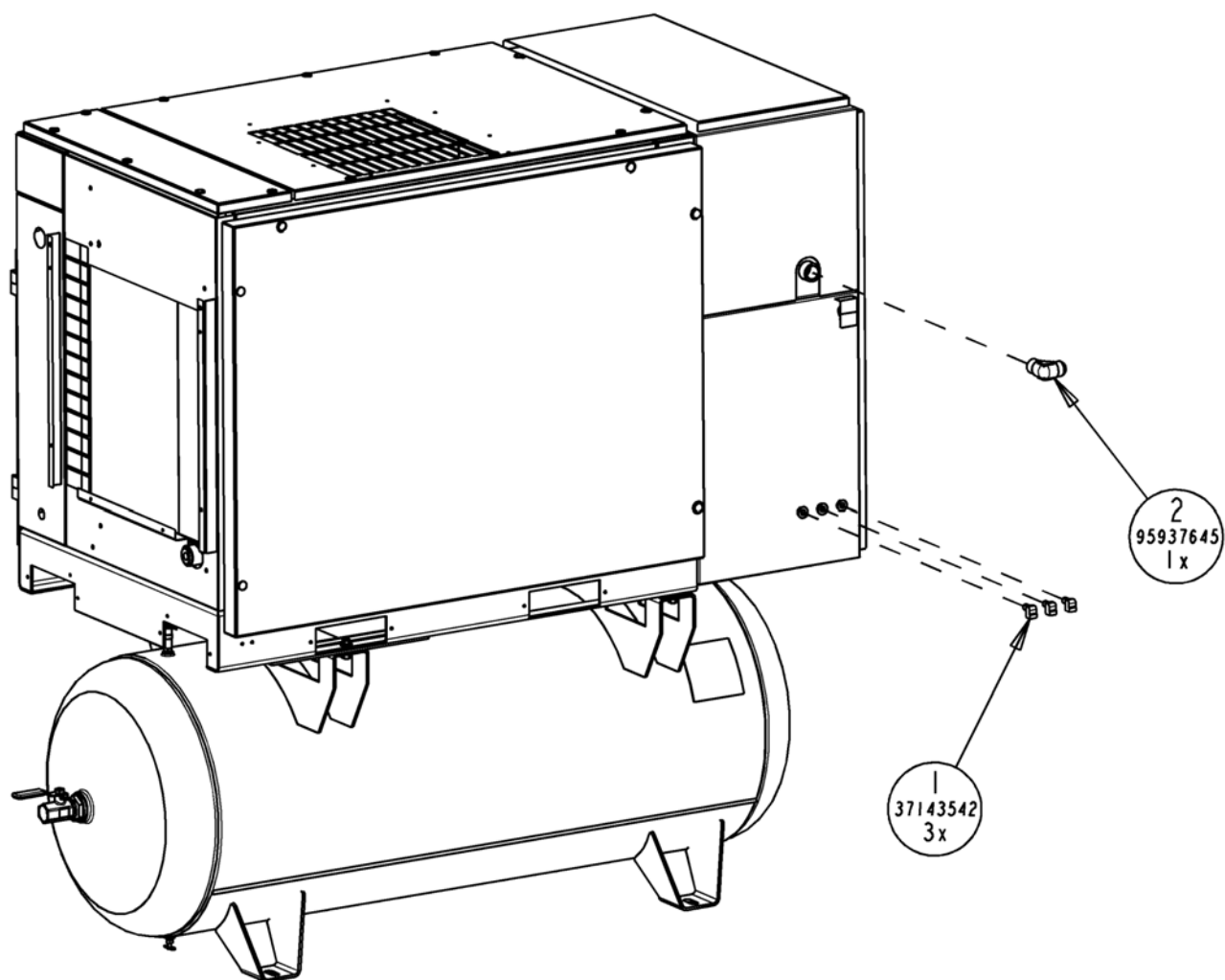
(Dwg. 22174601A4)

## PARTS LIST

| Item | Part No. | Description                          | Qty. |
|------|----------|--------------------------------------|------|
| 1    | 96727920 | SCREW, HEX HEAD FLANGE M12 x 30 LONG | 4    |
| 2    | 96741830 | NUT, HEX FLANGE LOCK SERRATED M12    | 4    |

# RECEIVER TANK (60 HZ, DRYER) ASSEMBLY DRAWING AND PARTS LIST

## Assemble Elbows to Dryer



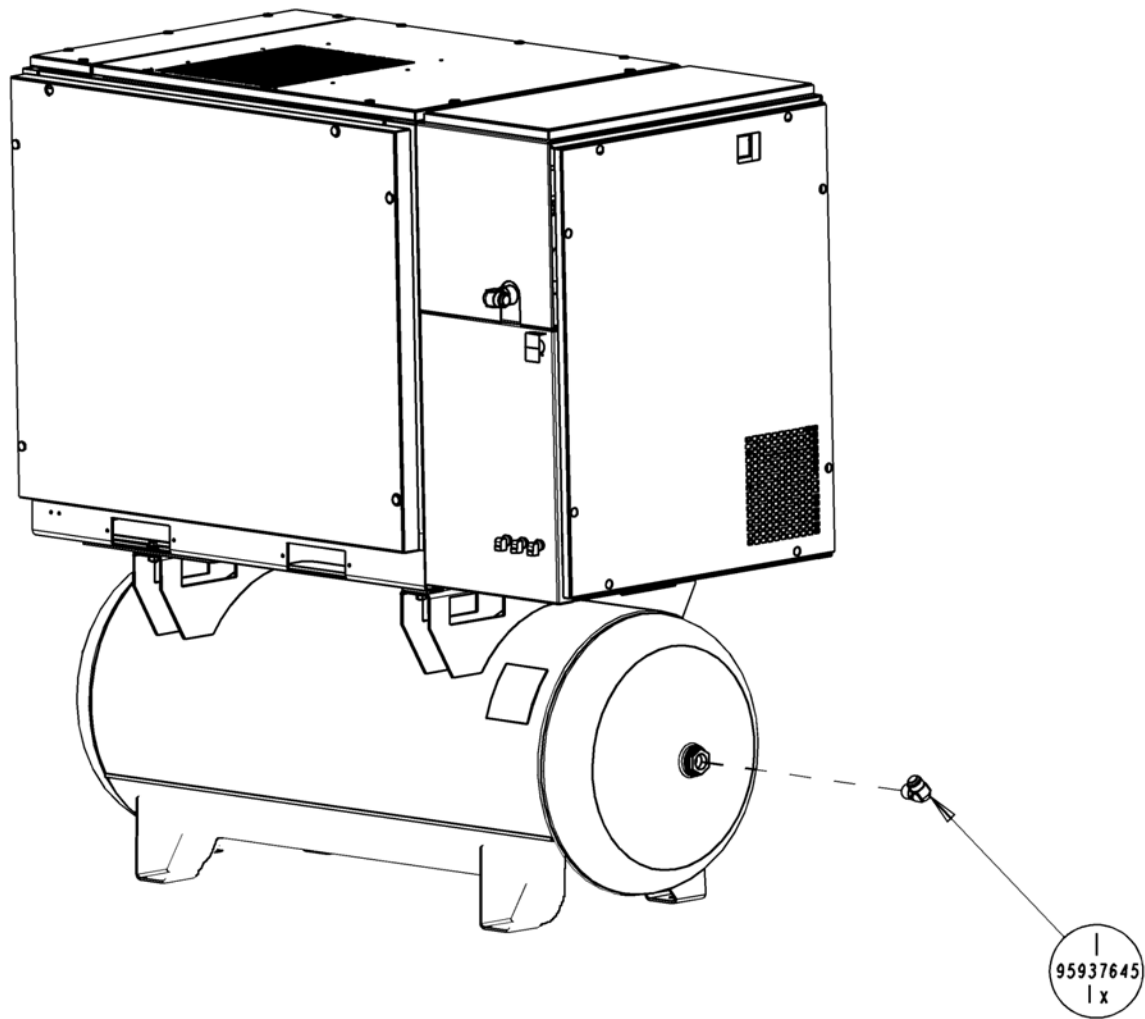
(Dwg. 22174601A5)

## PARTS LIST

| Item | Part No. | Description                     | Qty. |
|------|----------|---------------------------------|------|
| 1    | 37143542 | ELBOW, STREET 0.25 NPT          | 3    |
| 2    | 95937645 | ELBOW 1.00 INCH TUBE x 1.00 NPT | 1    |

# RECEIVER TANK (60 HZ, DRYER) ASSEMBLY DRAWING AND PARTS LIST

## Assemble Elbow



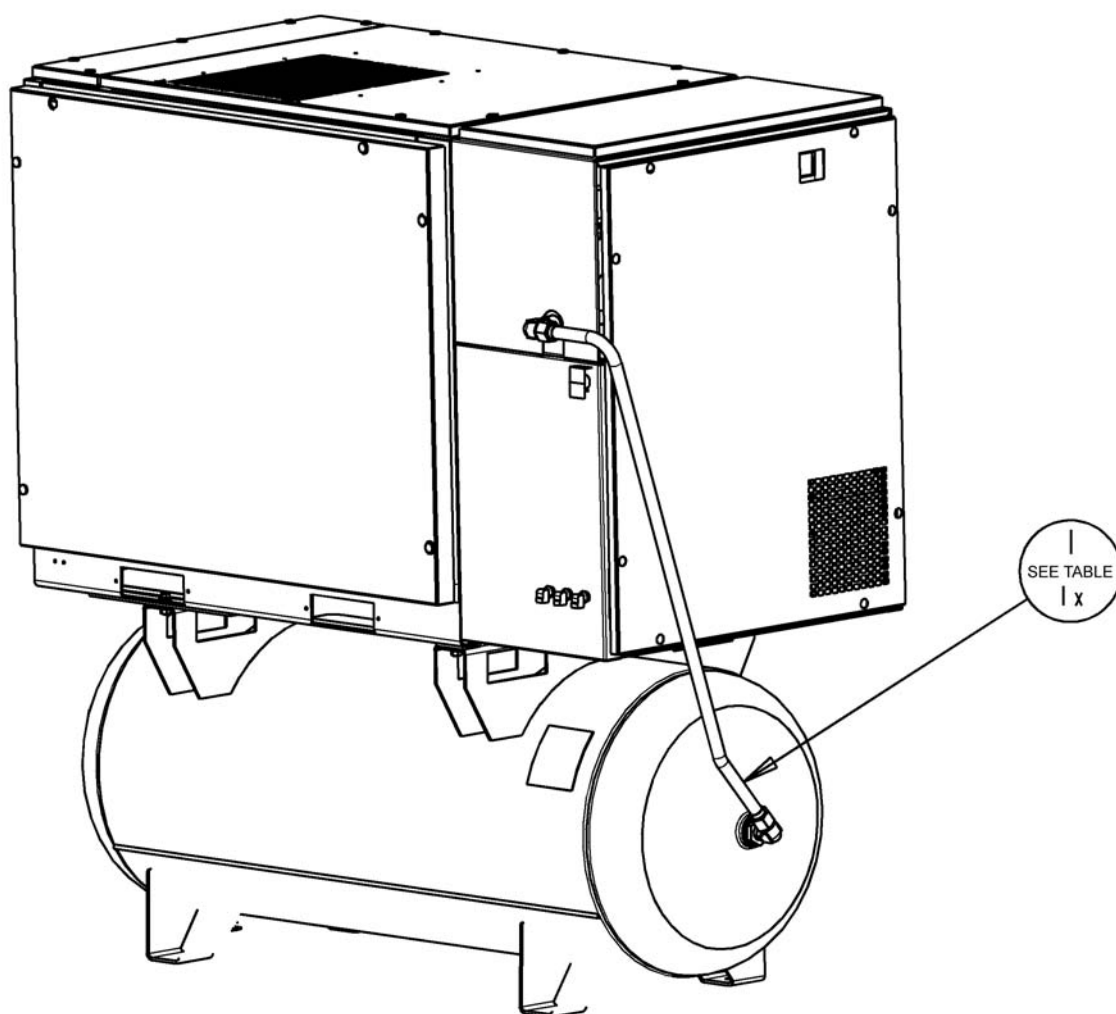
(Dwg. 22174601A6)

## PARTS LIST

| Item | Part No. | Description                      | Qty. |
|------|----------|----------------------------------|------|
| 1    | 95937645 | ELBOW, 1.00 INCH TUBE x 1.00 NPT | 1    |

# RECEIVER TANK (60 HZ, DRYER) ASSEMBLY DRAWING AND PARTS LIST

## Assemble Air Discharge Tube



(Dwg. 22174601A7)

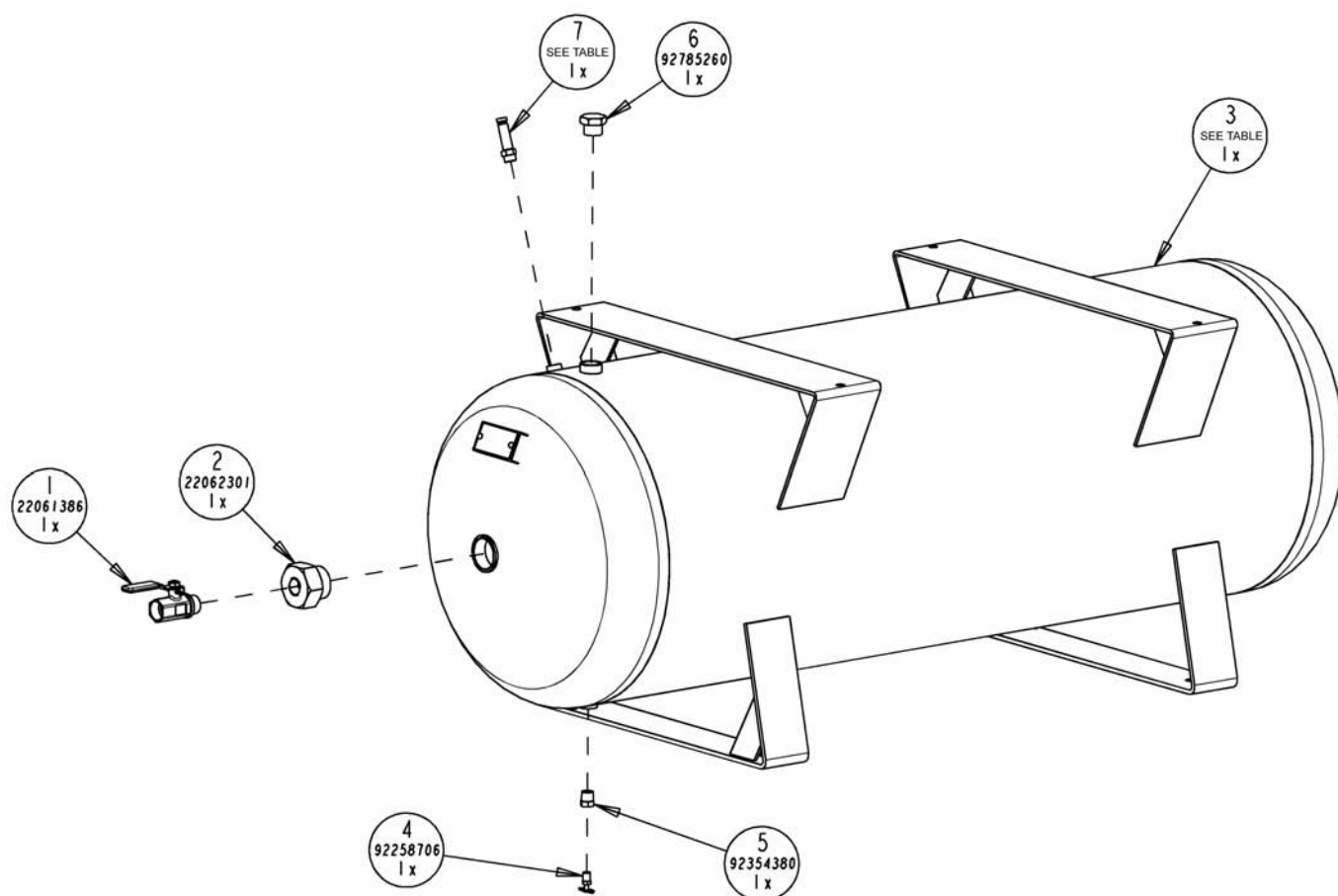
### PARTS LIST

| Item | Part No.  | Description                  | Qty. |
|------|-----------|------------------------------|------|
| 1    | SEE TABLE | TUBE, DRYER TO RECEIVER TANK | 1    |

| Table For Tube                                    |          |
|---------------------------------------------------|----------|
| Group                                             | Tube     |
| 120 GALLON RECEIVER 125/150 PSI 60 Hz DRYER UNITS | 22171540 |
| 120 GALLON RECEIVER 200 PSI 60 Hz DRYER UNITS     | 22171540 |
| 240 GALLON RECEIVER 125/150 PSI 60 Hz DRYER UNITS | 22171557 |
| 240 GALLON RECEIVER 200 PSI 60 Hz DRYER UNITS     | 22171557 |

## RECEIVER TANK (50 HZ, DRYER) ASSEMBLY DRAWING AND PARTS LIST

### Assemble Ball Valve, Drain Valve and Safety Valve



(Dwg. 22174627A2)

### PARTS LIST

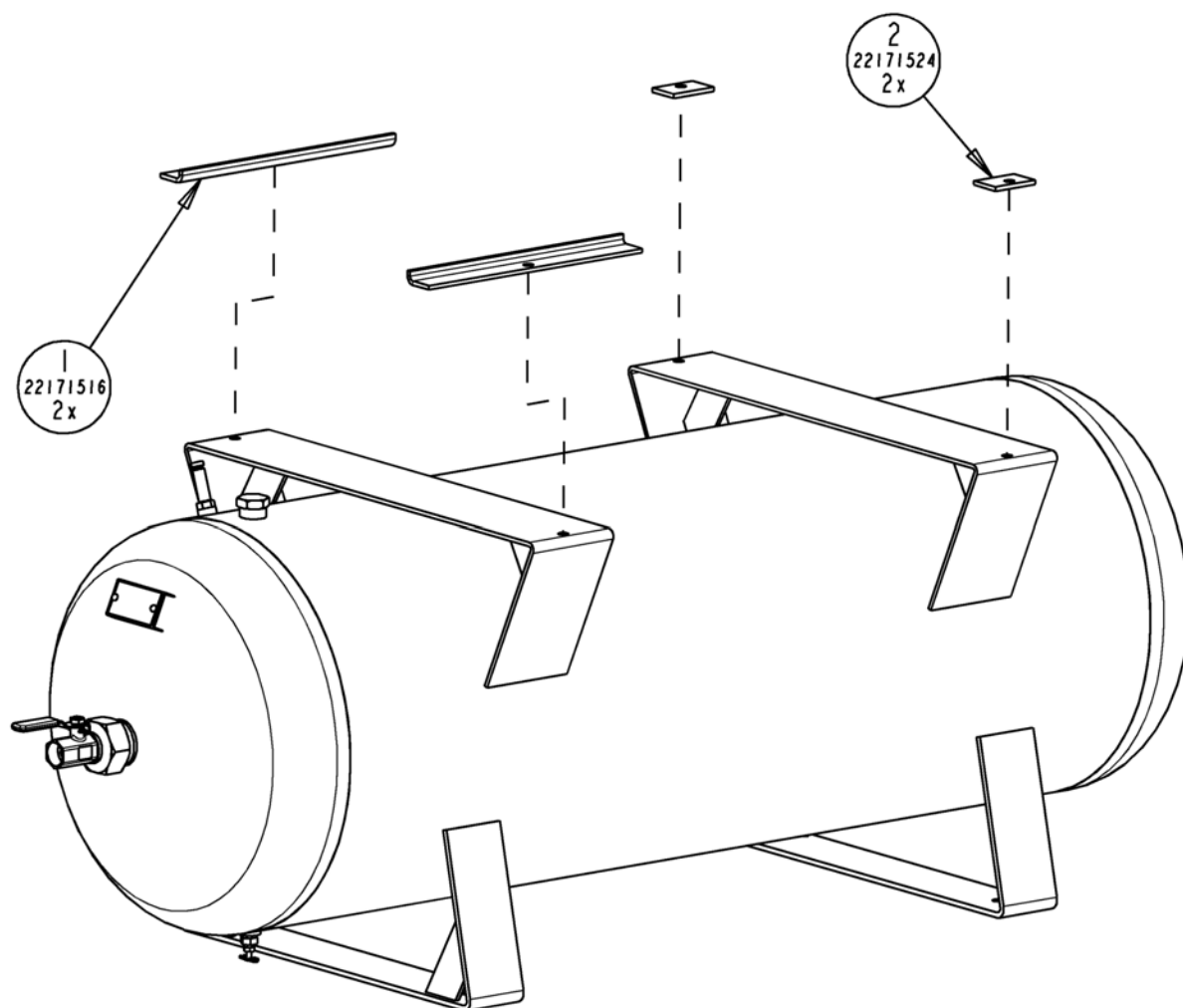
| Item | Part No.  | Description                                        | Qty. |
|------|-----------|----------------------------------------------------|------|
| 1    | 22061386  | VALVE, BALL 1.00 BSPT MALE x 1.00 BSPT FEMALE      | 1    |
| 2    | 22062301  | BUSHING REDUCING 2.00 BSPT MALE x 1.00 BSPT FEMALE | 1    |
| 3    | SEE TABLE | ASSEMBLY, RECEIVER TANK                            | 1    |
| 4    | 92258706  | VALVE, 0.25 INCH MANUAL DRAIN MANUAL DRAIN         | 1    |
| 5    | 92354380  | BUSHING REDUCING 0.50 x 0.25 BSPT                  | 1    |
| 6    | 92785260  | PLUG, 1.00 BSPP                                    | 1    |
| 7    | SEE TABLE | VALVE, PRESSURE SAFETY                             | 1    |

**Table For Pressure Safety Valve And Receiver Tank Assembly**

| Group                                               | Pressure Safety Valve | Receiver Tank Assembly |
|-----------------------------------------------------|-----------------------|------------------------|
| 500 LITER RECEIVER 14 BAR 50 HERTZ DRYER UNITS      | 92957604              | 54766811               |
| 500 LITER RECEIVER 14 BAR 50 Hz DRYER UNITS - CHINA | 92957604              | 99289670               |
| 500 LITER RECEIVER 14 BAR 50 Hz DRYER UNITS - INDIA | 92957604              | 22268270               |
| 750 LITER RECEIVER 10 BAR 50 HERTZ DRYER UNITS      | 54426580              | 54766837               |
| 750 LITER RECEIVER 10 BAR 50 HZ DRYER UNITS-CHINA   | 54426580              | 99289688               |
| 750 LITER RECEIVER 10 BAR 50 HZ DRYER UNITS-INDIA   | 54426580              | 22268296               |

# RECEIVER TANK (50 HZ, DRYER) ASSEMBLY DRAWING AND PARTS LIST

## Assemble Braces



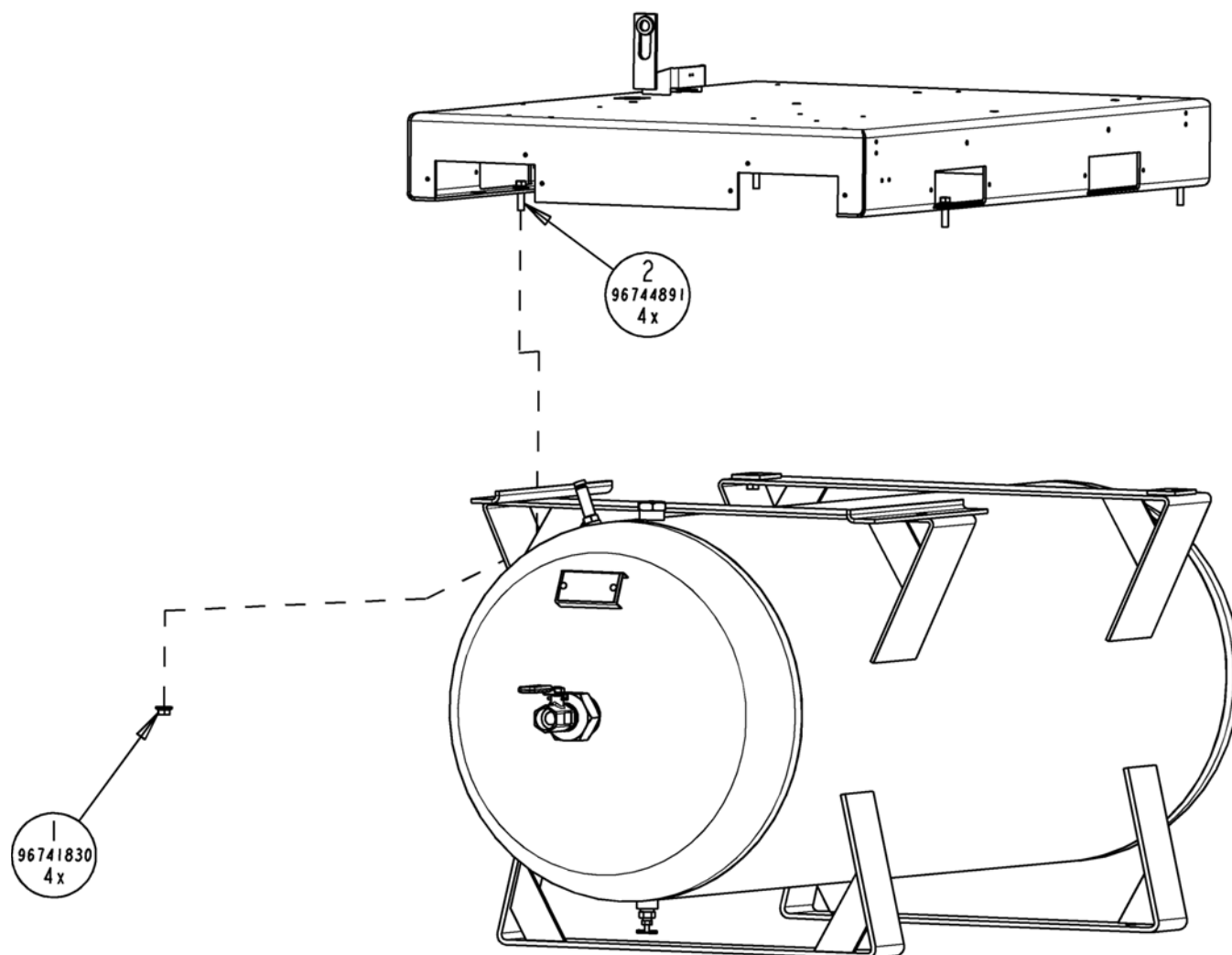
(Dwg. 22174627A3)

## PARTS LIST

| Item | Part No. | Description                           | Qty. |
|------|----------|---------------------------------------|------|
| 1    | 22171516 | BRACE, STIFFENER (TANK MOUNTED DRYER) | 2    |
| 2    | 22171524 | SPACER, BASE (TANK MOUNTED DRYER)     | 2    |

# RECEIVER TANK (50 HZ, DRYER) ASSEMBLY DRAWING AND PARTS LIST

Assemble Receiver to Base



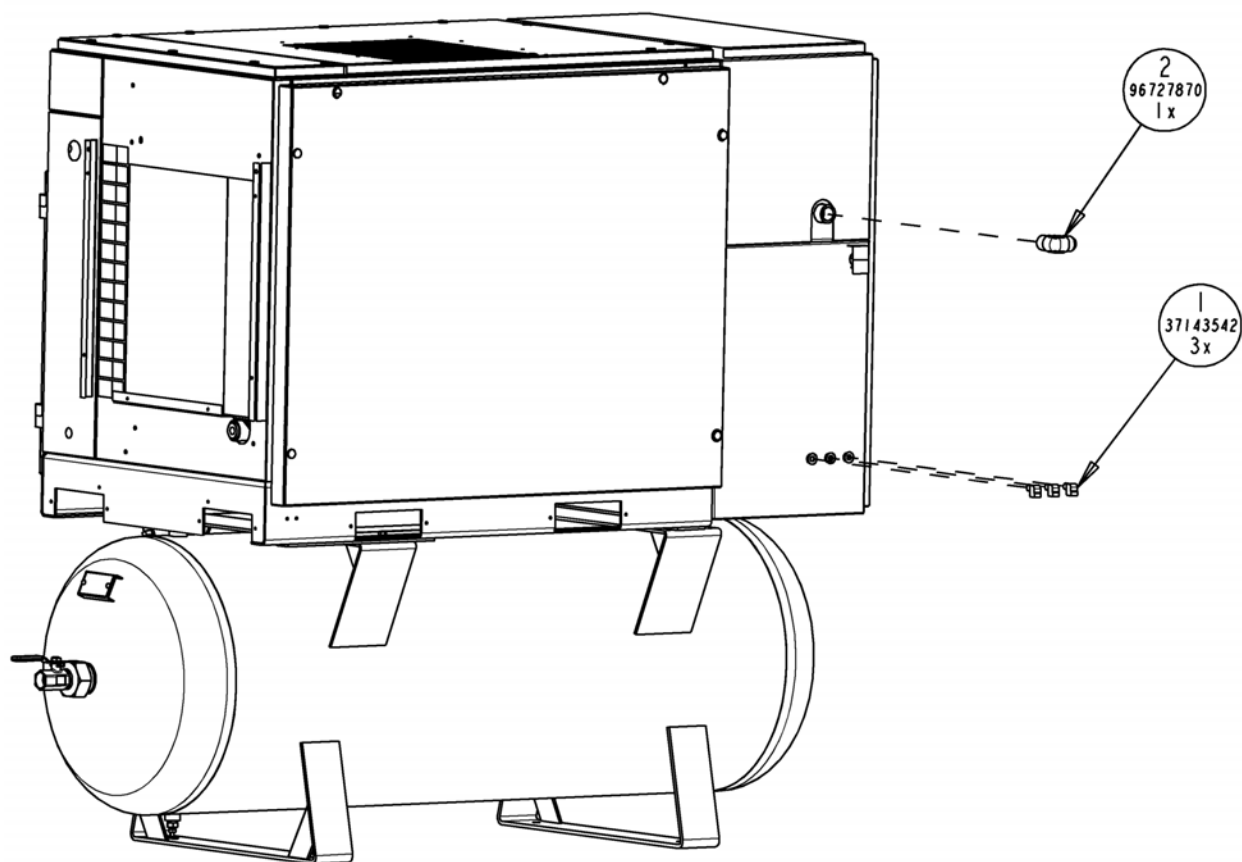
(Dwg. 22174627A4)

## PARTS LIST

| Item | Part No. | Description                          | Qty. |
|------|----------|--------------------------------------|------|
| 1    | 96741830 | NUT, HEX FLANGE LOCK SERRATED M12    | 4    |
| 2    | 96744891 | SCREW, HEX HEAD FLANGE M12 x 35 LONG | 4    |

# RECEIVER TANK (50 HZ, DRYER) ASSEMBLY DRAWING AND PARTS LIST

## Assemble Elbow to Dryer



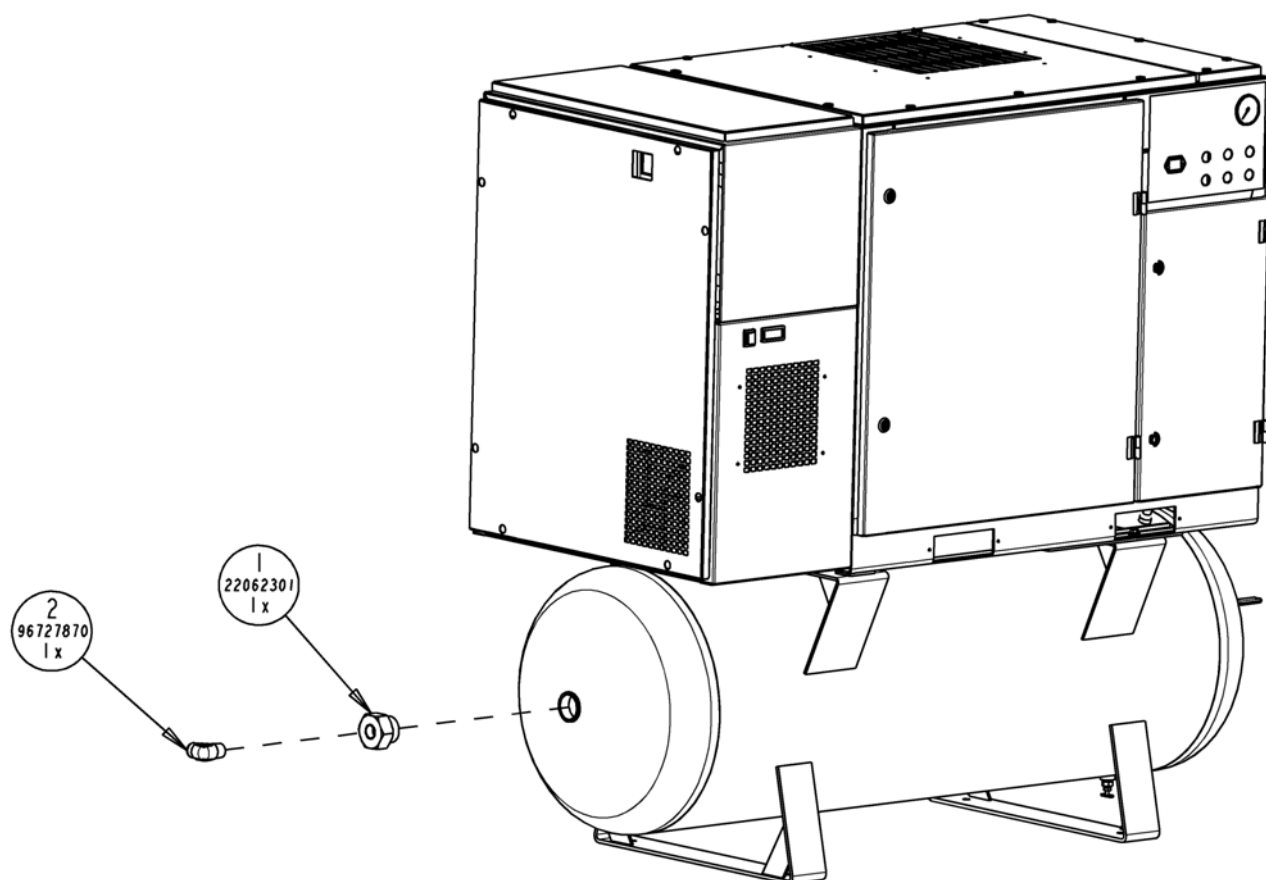
(Dwg. 22174627A5)

### PARTS LIST

| Item | Part No. | Description                             | Qty. |
|------|----------|-----------------------------------------|------|
| 1    | 37143542 | ELBOW, STREET 0.25 NPT                  | 3    |
| 2    | 96727870 | ELBOW, 90 DEG. 1.00 INCH TUBE 1.00 BSPT | 1    |

# RECEIVER TANK (50 HZ, DRYER) ASSEMBLY DRAWING AND PARTS LIST

## Assemble Elbow



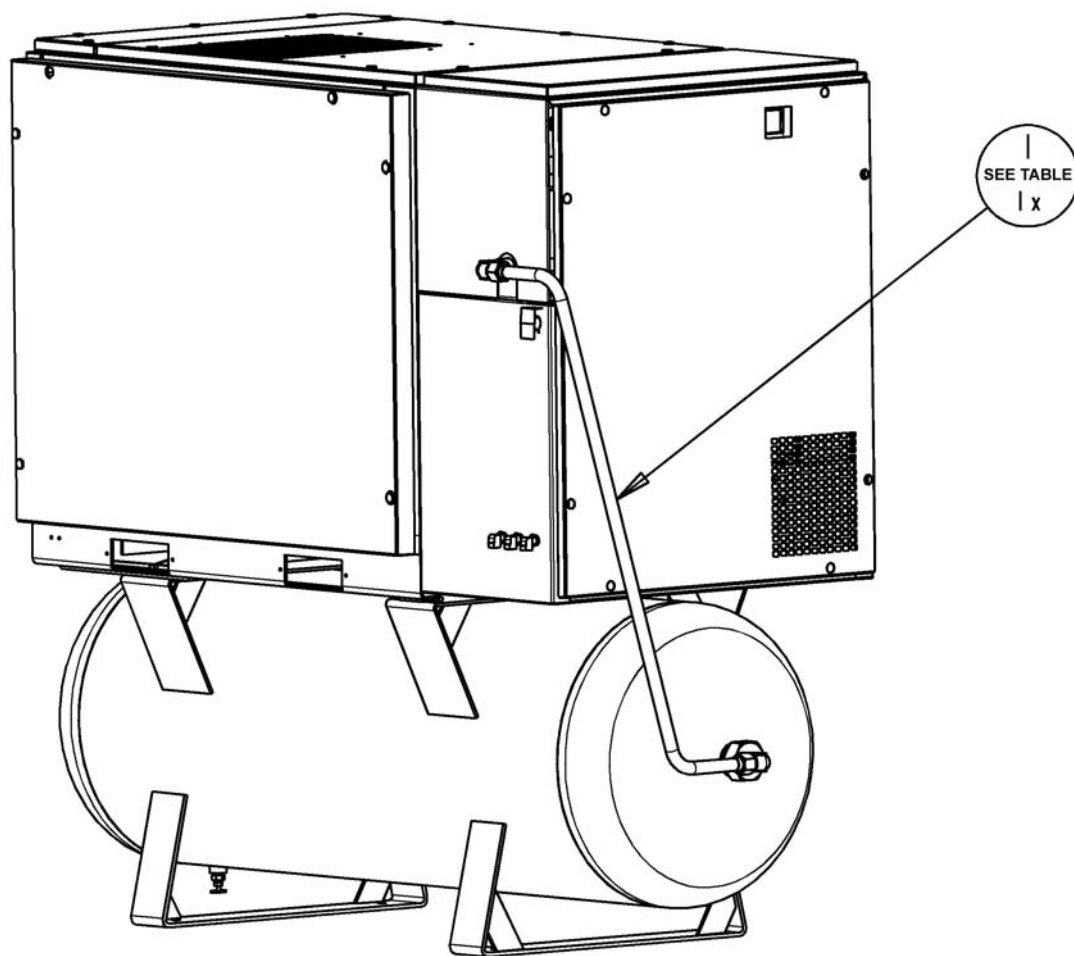
(Dwg. 22174627A6)

## PARTS LIST

| Item | Part No. | Description                                         | Qty. |
|------|----------|-----------------------------------------------------|------|
| 1    | 22062301 | BUSHING, REDUCING 2.00 BSPT MALE x 1.00 BSPT FEMALE | 1    |
| 2    | 96727870 | ELBOW, 90 DEG. 1.00 INCH TUBE 1.00 BSPT             | 1    |

# RECEIVER TANK (50 HZ, DRYER) ASSEMBLY DRAWING AND PARTS LIST

## Assemble Air Discharge Tube



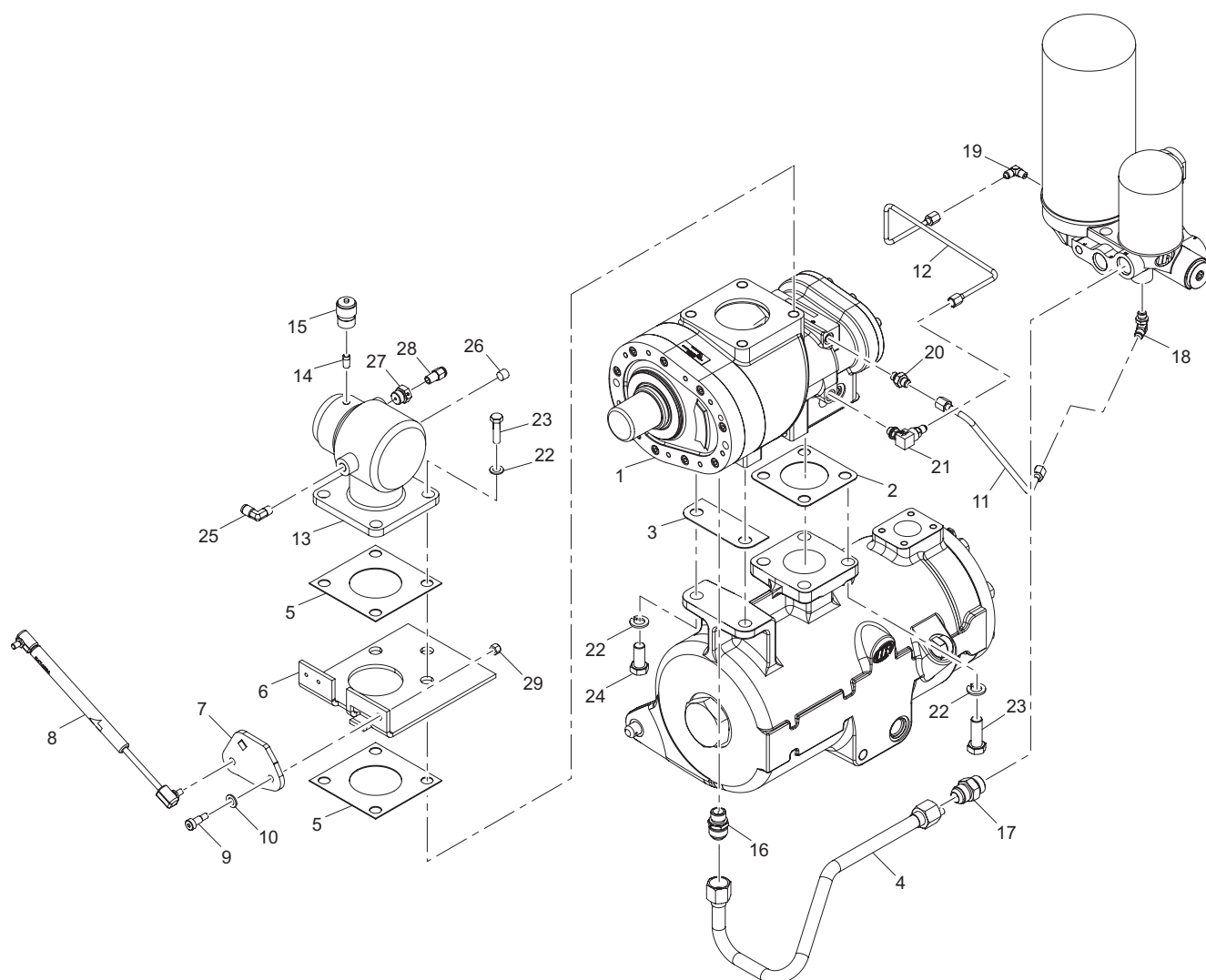
(Dwg. 22174627A7)

## PARTS LIST

| Item | Part No.  | Description                  | Qty. |
|------|-----------|------------------------------|------|
| 1    | SEE TABLE | TUBE, DRYER TO RECEIVER TANK | 1    |

| Table For Tube To Receiver Tank                     |                       |
|-----------------------------------------------------|-----------------------|
| Description                                         | Tube To Receiver Tank |
| 500 LITER RECEIVER 14 BAR 50 HERTZ DRYER UNITS      | 22171813              |
| 500 LITER RECEIVER 14 BAR 50 Hz DRYER UNITS - CHINA | 22171813              |
| 500 LITER RECEIVER 14 BAR 50 Hz DRYER UNITS - INDIA | 22171813              |
| 750 LITER RECEIVER 10 BAR 50 HERTZ DRYER UNITS      | 22171821              |
| 750 LITER RECEIVER 10 BAR 50 HZ DRYER UNITS-CHINA   | 22171821              |
| 750 LITER RECEIVER 10 BAR 50 HZ DRYER UNITS-INDIA   | 22171821              |

## AIREND ASSEMBLY DRAWING AND PARTS LIST



(Dwg. 54775002T1)

### PARTS LIST

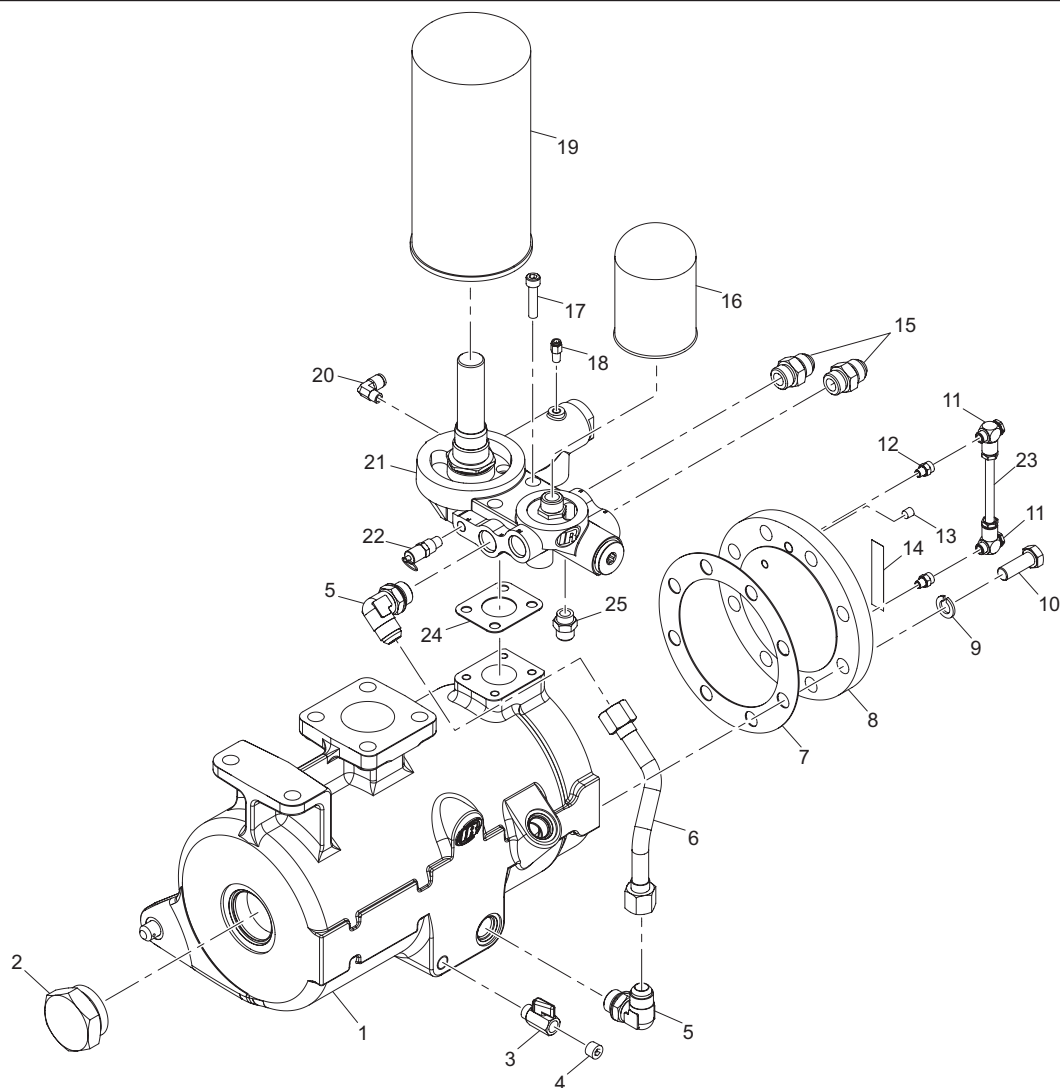
| Item | Part No. | Description                                   | Qty. |
|------|----------|-----------------------------------------------|------|
| 1    | 22637219 | AIREND                                        | 1    |
| 2    | 23430556 | GASKET, DISCHARGE ADAPTER                     | 1    |
| 3    | 23430564 | GASKET, AIREND SPACER                         | 1    |
| 4    | 85581866 | TUBE                                          | 1    |
| 5    | 42684811 | GASKET, INLET VALVE                           | 2    |
| 6    | 54749106 | BRACKET, GAS SPRING                           | 1    |
| 7    | 54749098 | LINK, GAS SPRING TOGGLE                       | 1    |
| 8    | 54749114 | SPRING, GAS                                   | 1    |
| 9    | 96728233 | SCREW, SOCKET HEAD SHOULDER M8-1.25 x 16 LONG | 1    |
| 10   | 96701404 | WASHER, PLAIN GRADE C, 10                     | 1    |
| 11   | 85581858 | TUBE, COOLANT FEED (REAR BEARING)             | 1    |
| 12   | 85581882 | TUBE, SCAVENGE                                | 1    |
| 13   | 54747399 | ASSEMBLY, INTAKE VALVE                        | 1    |
| 14   | 95343679 | NIPPLE, EXTRA STRONG 0.13 NPT x 0.75 LONG     | 1    |
| 15   | 22097208 | INDICATOR, INLET RESTRICTION                  | 1    |
| 16   | 96739727 | CONNECTOR, 0.75 TUBE x M22 PARALLEL THREAD    | 1    |

## AIREND ASSEMBLY PARTS LIST

### PARTS LIST

| Item | Part No. | Description                                          | Qty. |
|------|----------|------------------------------------------------------|------|
| 17   | 95952867 | CONNECTOR, 0.75 TUBE x 1.06 SAE                      | 1    |
| 18   | 95993572 | ELBOW, 0.31 TUBE x 0.50 SAE                          | 1    |
| 19   | 39155650 | ELBOW, 0.25 NPT x 0.38 INCH TUBING                   | 1    |
| 20   | 96739701 | CONNECTOR, 0.31 TUBE x M12 PARALLEL THREAD           | 1    |
| 21   | 54775556 | ELBOW, 90° CHECK VALVE (0.787 mm/0.031 inch ORIFICE) | 1    |
| 22   | 96721097 | WASHER, SPRING LOCK, CURVED TYPE A, M16              | 10   |
| 23   | 96738513 | SCREW, HEX HEAD M16-2 x 45 INCH LONG                 | 8    |
| 24   | 96703186 | SCREW, HEX HEAD M16-2 x 35 INCH LONG                 | 2    |
| 25   | 39155478 | ELBOW, 0.25 NPT X 0.25 INCH TUBING                   | 1    |
| 26   | 95928230 | PLUG, SOCKET 0.25 NPT                                | 1    |
| 27   | 54774997 | ADAPTOR, ORIFICE 3.4mm (BLOWDOWN)                    | 1    |
| 28   | 39156419 | CONNECTOR, 0.25 NPT x 0.38 INCH TUBING               | 1    |
| 29   | 96728431 | NUT, M8-1.25                                         | 1    |

## SEPARATION SYSTEM ASSEMBLY DRAWING AND PARTS LIST



(Dwg. 54775002T1)

### PARTS LIST

| Item | Part No. | Description                                     | Qty. |
|------|----------|-------------------------------------------------|------|
| 1    | 54728100 | ASSEMBLY, SEPARATOR ASME U/LLOYDS               | 1    |
|      | 54728118 | ASSEMBLY, SEPARATOR TANK (CE-10/UM/CRN/SQL/UDT) | 1    |
| 2    | 95943635 | PLUG, HEX 2.50 SAE                              | 1    |
| 3    | 54723341 | VALVE, MINI BALL 0.38 NPT                       | 1    |
| 4    | 95928222 | PLUG, SOCKET 0.38 NPT                           | 1    |
| 5    | 95938163 | ELBOW, 0.75 INCH TUBE x 1.06 SAE                | 2    |
| 6    | 85581874 | TUBE, SEPARATOR TO VMC BLOCK                    | 1    |
| 7    | 54729876 | GASKET, SEPARATOR COVER (PART OF TANK)          | 1    |
| 8    | -        | PLATE, COVER (PART OF TANK)                     | 1    |
| 9    | -        | WASHER (PART OF TANK)                           | 8    |
| 10   | -        | SCREW (PART OF TANK)                            | 8    |
| 11   | 89209217 | ASSEMBLY, ELBOW BANJO 0.25 BSPP x 10mm          | 2    |
| 12   | 22813133 | REDUCER 0.25 BSPT MALE x 0.25 BSPP FEMALE       | 2    |
| 13   | 95928214 | PLUG (FOR NON INTELLISYS)                       | 1    |
| 14   | 22051296 | DECAL, COOLANT LEVEL                            | 1    |
| 15   | 95952867 | CONNECTOR, 0.75 INCH TUBE x 1.06 SAE            | 2    |
| 16   | 54672654 | ELEMENT, COOLANT FILTER                         | 1    |

## SEPARATION SYSTEM ASSEMBLY PARTS LIST

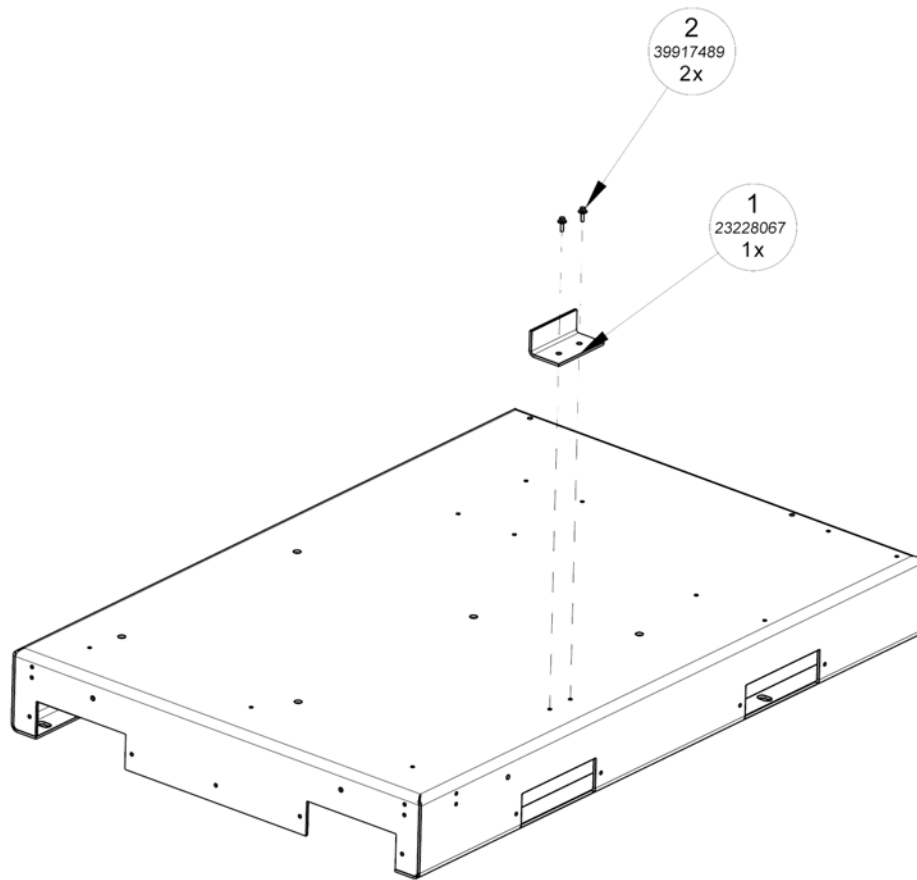
### PARTS LIST

| Item | Part No. | Description                            | Qty. |
|------|----------|----------------------------------------|------|
| 17   | 96741780 | SCREW, SOCKET HEAD M10 x 45 LONG       | 4    |
| 18   | 39156393 | CONNECTOR, 0.13 NPT x 0.25 INCH TUBING | 1    |
| 19   | 54749247 | ELEMENT, SEPARATOR                     | 1    |
| 20   | 39155650 | ELBOW, 0.25 NPT X 0.38 INCH TUBING     | 1    |
| 21   | 22099352 | ASSEMBLY, CAST COMBINATION BLOCK       | 1    |
| 22   | 22052450 | VALVE, SAFETY (60 Hz)                  | 1    |
|      | 22057954 | VALVE, SAFETY (50 Hz)                  | 1    |
| 23   | 54740444 | TUBE, COOLANT SIGHT                    | 1    |
| 24   | 23434921 | GASKET, COMBINATION BLOCK              | 1    |
| 25   | 96952122 | CONNECTOR, 1.00 INCH TUBE x 1.63 SAE   | 1    |
| 26*  | 54740451 | SHAFT, MOTOR PIVOT                     | 1    |

\* NOT ILLUSTRATED

# DRIVE AND SEPARATION SYSTEM ASSEMBLY DRAWING AND PARTS LIST

## Assemble Separator Pivot Stop Brace



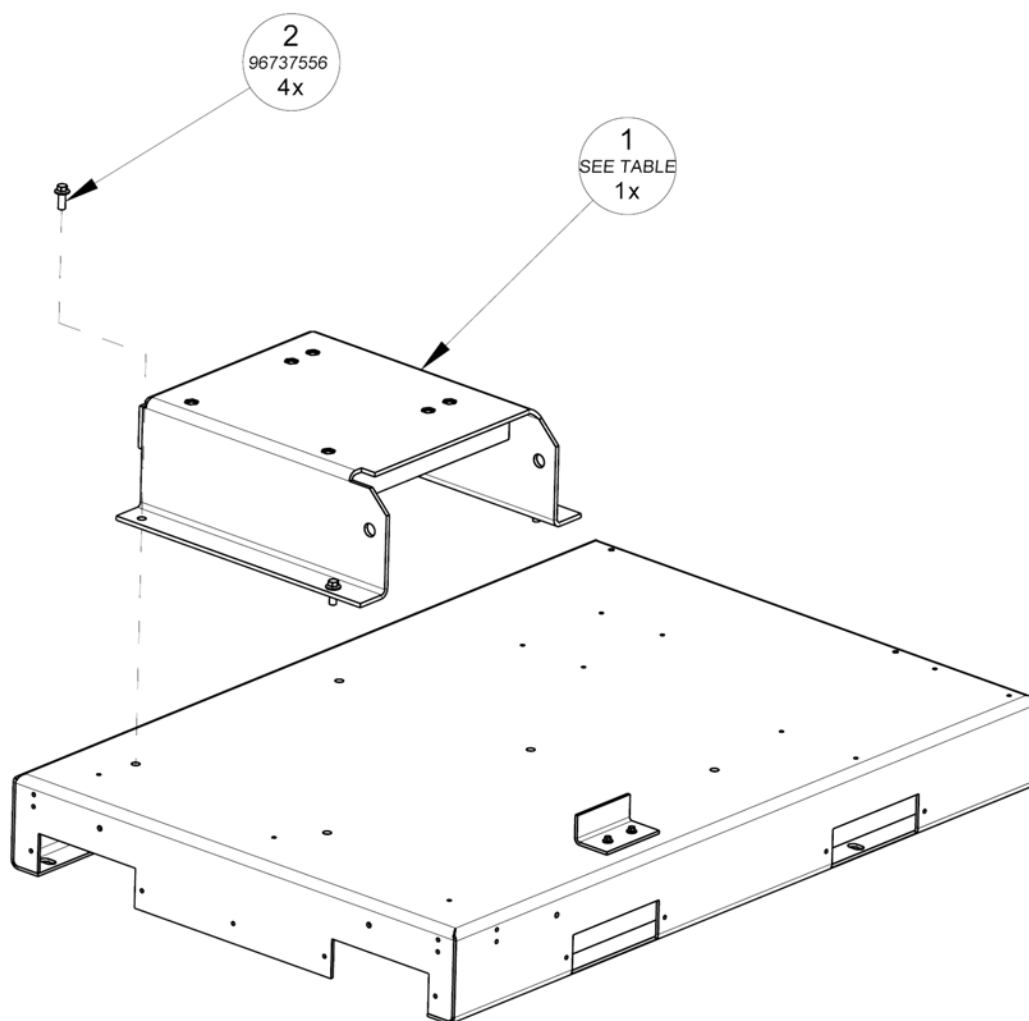
(Dwg. 22171276E2)

### PARTS LIST

| Item | Part No. | Description                         | Qty. |
|------|----------|-------------------------------------|------|
| 1    | 23228067 | BRACE, MANUAL SEPARATOR STOP        | 1    |
| 2    | 39917489 | SCREW, HEX HEAD FLANGE M6 x 16 LONG | 2    |

# DRIVE AND SEPARATION SYSTEM ASSEMBLY DRAWING AND PARTS LIST

## Assemble Motor Support Drawing and Parts List



(Dwg. 22171276E3)

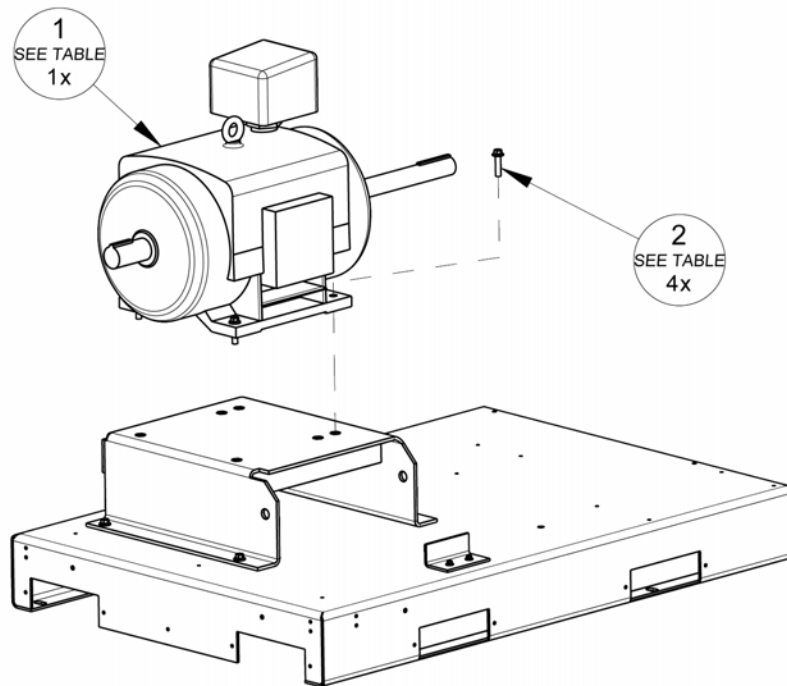
### PARTS LIST

| Item | Part No.  | Description                          | Qty. |
|------|-----------|--------------------------------------|------|
| 1    | SEE TABLE | SUPPORT, MOTOR                       | 1    |
| 2    | 96737556  | SCREW, HEX HEAD FLANGE M10 x 25 LONG | 4    |

| Table For Motor Frame |          |
|-----------------------|----------|
| Motor Frame           | Support  |
| 254/256               | 54720511 |
| 160                   | 54727870 |
| 180                   | 54727888 |
| 280                   | 54720529 |

## DRIVE AND SEPARATION SYSTEM ASSEMBLY DRAWING AND PARTS LIST

### Assemble Motor to Support



(Dwg. 22171276E4)

#### PARTS LIST

| Item | Part No.  | Description            | Qty. |
|------|-----------|------------------------|------|
| 1    | SEE TABLE | MOTOR, DRIVE           | 1    |
| 2    | SEE TABLE | SCREW, HEX HEAD FLANGE | 4    |

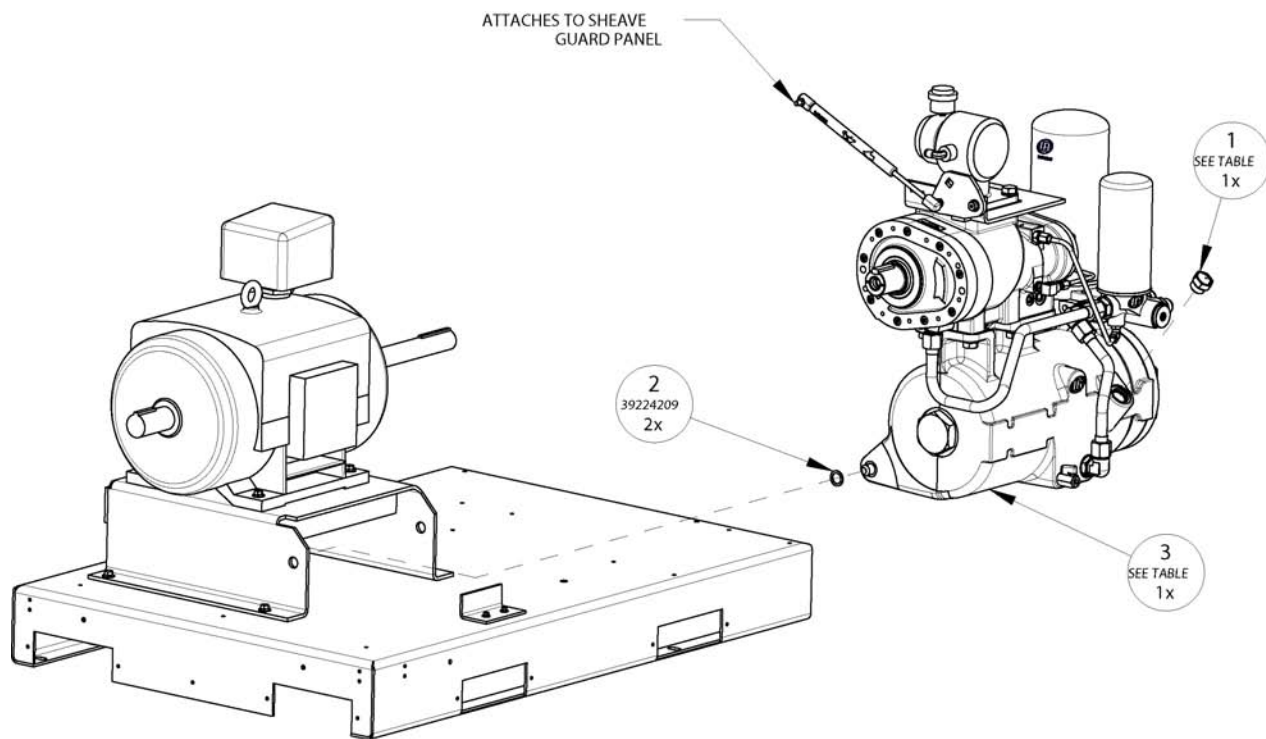
## DRIVE AND SEPARATION SYSTEM PARTS LIST

### Assemble Motor to Support

| Table For Motor And Screw |          |          |
|---------------------------|----------|----------|
| Group                     | Motor    | Screw    |
| 15 hp 230/460 V ODP       | 22234140 | 96738406 |
| 15 hp 200 V ODP           | 22234157 | 96738406 |
| 15 hp 380 V ODP           | 22234165 | 96738406 |
| 15 hp 575 V ODP           | 22234173 | 96738406 |
| 15 hp 230/460 V TEFC      | 22234108 | 96745310 |
| 15 hp 200 V TEFC          | 22234116 | 96745310 |
| 15 hp 380 V TEFC          | 22234124 | 96745310 |
| 15 hp 575 V TEFC          | 22234132 | 96745310 |
| 20 hp 230/460 V ODP       | 54735378 | 96738406 |
| 20 hp 200 V ODP           | 54735386 | 96738406 |
| 20 hp 380 V ODP           | 54735402 | 96738406 |
| 20 hp 575 V ODP           | 54735410 | 96738406 |
| 20 hp 230/460 V TEFC      | 54735428 | 96745310 |
| 20 hp 230/460 V TEFC      | 54735436 | 96745310 |
| 20 hp 380 V TEFC          | 54735451 | 96745310 |
| 20 hp 575 V TEFC          | 54735469 | 96745310 |
| 25 hp 230/460 V ODP       | 54735477 | 96741814 |
| 25 hp 200 V ODP           | 54735485 | 96741814 |
| 25 hp 380 V ODP           | 54735501 | 96741814 |
| 25 hp 575 V ODP           | 54735519 | 96741814 |
| 25 hp 230/460 V TEFC      | 54735527 | 96741814 |
| 25 hp 230/460 V TEFC      | 54735535 | 96741814 |
| 25 hp 380 V TEFC          | 54735550 | 96741814 |
| 25 hp 575 V TEFC          | 54735568 | 96741814 |
| 30 hp 230/460 V ODP       | 54735576 | 96741814 |
| 30 hp 200 V ODP           | 22592661 | 96741814 |
| 30 hp 380 V ODP           | 54735600 | 96741814 |
| 30 hp 575 V ODP           | 54735618 | 96741814 |
| 30 hp 230/460 V TEFC      | 54735626 | 96741814 |
| 30 hp 200 V TEFC          | 22592679 | 96741814 |
| 30 hp 380 V TEFC          | 54735659 | 96741814 |
| 30 hp 575 V TEFC          | 54735667 | 96741814 |
| 11 kW 220 V IP55          | 22236905 | 96727920 |
| 11 kW 380 V IP55          | 22236913 | 96727920 |
| 11 kW 400 V IP55          | 22236921 | 96727920 |
| 11 kW 550 V IP55          | 22236939 | 96727920 |
| 15 kW 220 V IP55          | 54735907 | 96727920 |
| 15 kW 380 V IP55          | 22124689 | 96727920 |
| 15 kW 400 V IP55          | 54735915 | 96727920 |
| 15 kW 550 V IP55          | 54735923 | 96727920 |
| 18.5 kW 220 V IP55        | 54735931 | 96727920 |
| 18.5 kW 380 V IP55        | 22124697 | 96727920 |
| 18.5 kW 400 V IP55        | 54735949 | 96727920 |
| 18.5 kW 550 V IP55        | 54735956 | 96727920 |
| 22 kW 220 V IP55          | 54735964 | 96727920 |
| 22 kW 380 V IP55          | 22124705 | 96727920 |
| 22 kW 400 V IP55          | 54735972 | 96727920 |
| 22 kW 550 V IP55          | 54735980 | 96727920 |

# DRIVE AND SEPARATION SYSTEM ASSEMBLY DRAWING AND PARTS LIST

## Assemble Separator Assembly



(Dwg. 22171276E5)

### PARTS LIST

| Item | Part No.  | Description              | Qty. |
|------|-----------|--------------------------|------|
| 1    | SEE TABLE | PLUG, COOLANT FILL       | 1    |
| 2    | 39224209  | WASHER, NYLON            | 2    |
| 3    | SEE TABLE | ASSEMBLY, SEPARATOR TANK | 1    |

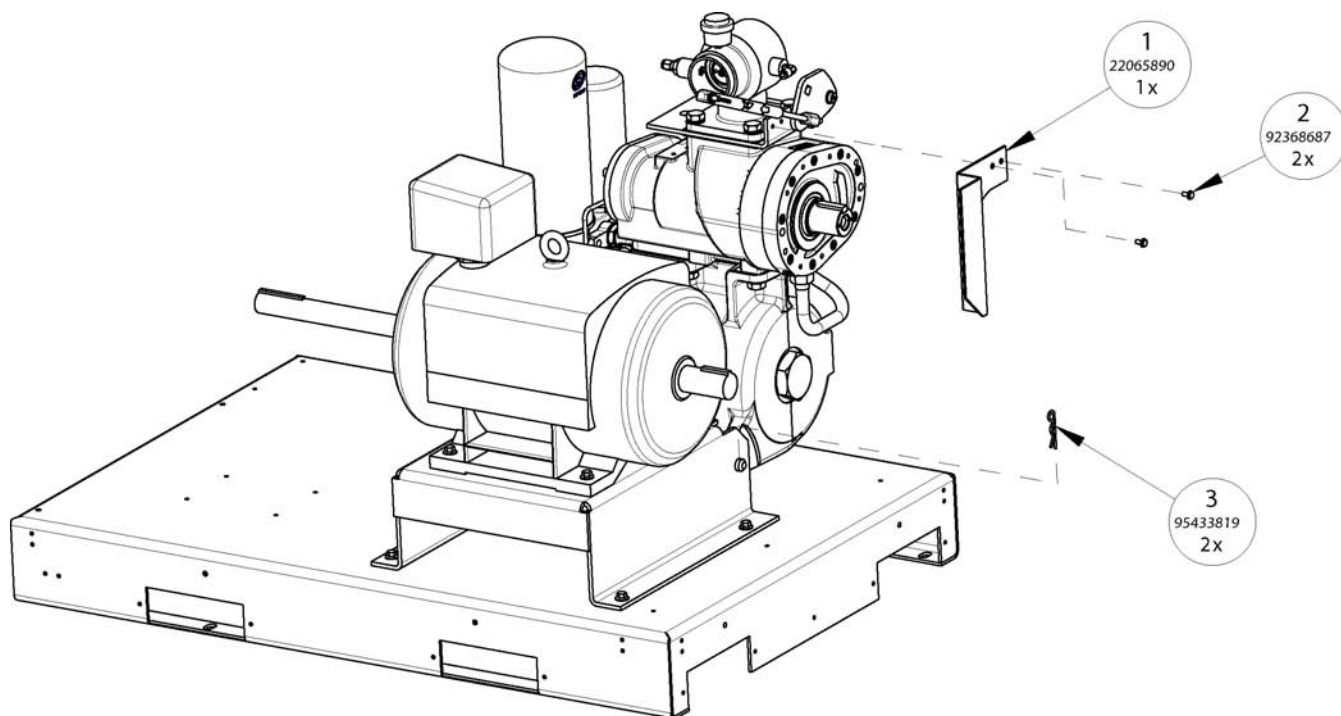
**Table For Tank Assy. and Coolant Plug**

| Description          | Tank Assy |
|----------------------|-----------|
| CE-10/UM/CRN/SQL/UDT | 54775010  |
| ASME U/LLOYDS        | 54775002  |

| Description | Coolant Fill Plug |
|-------------|-------------------|
| ULTRA PLUS  | 22182265          |
| ULTRA       | 23176068          |
| ULTRA EL    | 24134769          |
| ULTRA FG    | 24134777          |

# DRIVE AND SEPARATION SYSTEM ASSEMBLY DRAWING AND PARTS LIST

## Assemble Finger Guard and Cotton Pins



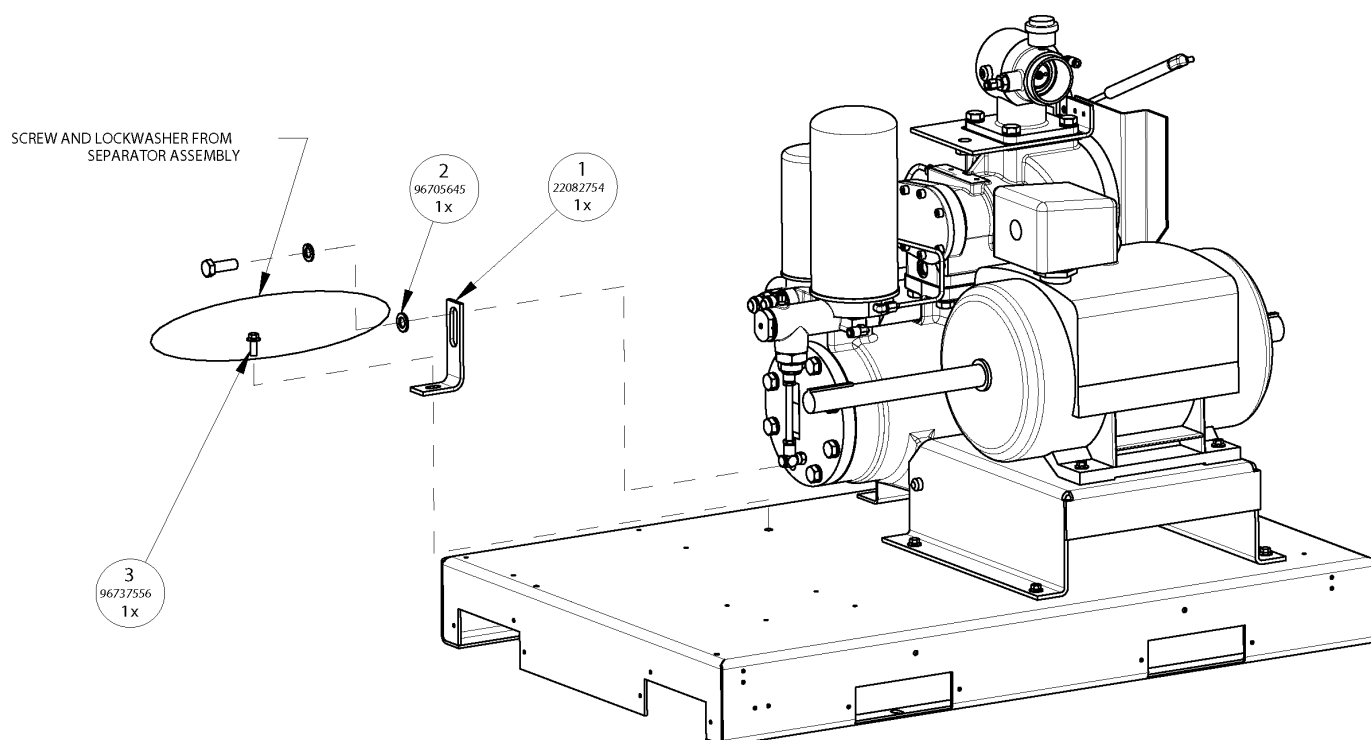
(Dwg. 22171276E6)

### PARTS LIST

| Item | Part No. | Description                                      | Qty. |
|------|----------|--------------------------------------------------|------|
| 1    | 22065890 | GUARD, FINGER                                    | 1    |
| 2    | 92368687 | TAPTITE SCREW M6-1 x 12 LONG                     | 2    |
| 3    | 95433819 | PIN, COTTER (SPLIT) QUICK RELEASE 0.125 INCH DIA | 2    |

# DRIVE AND SEPARATION SYSTEM ASSEMBLY DRAWING AND PARTS LIST

## Assemble Shipping Brace



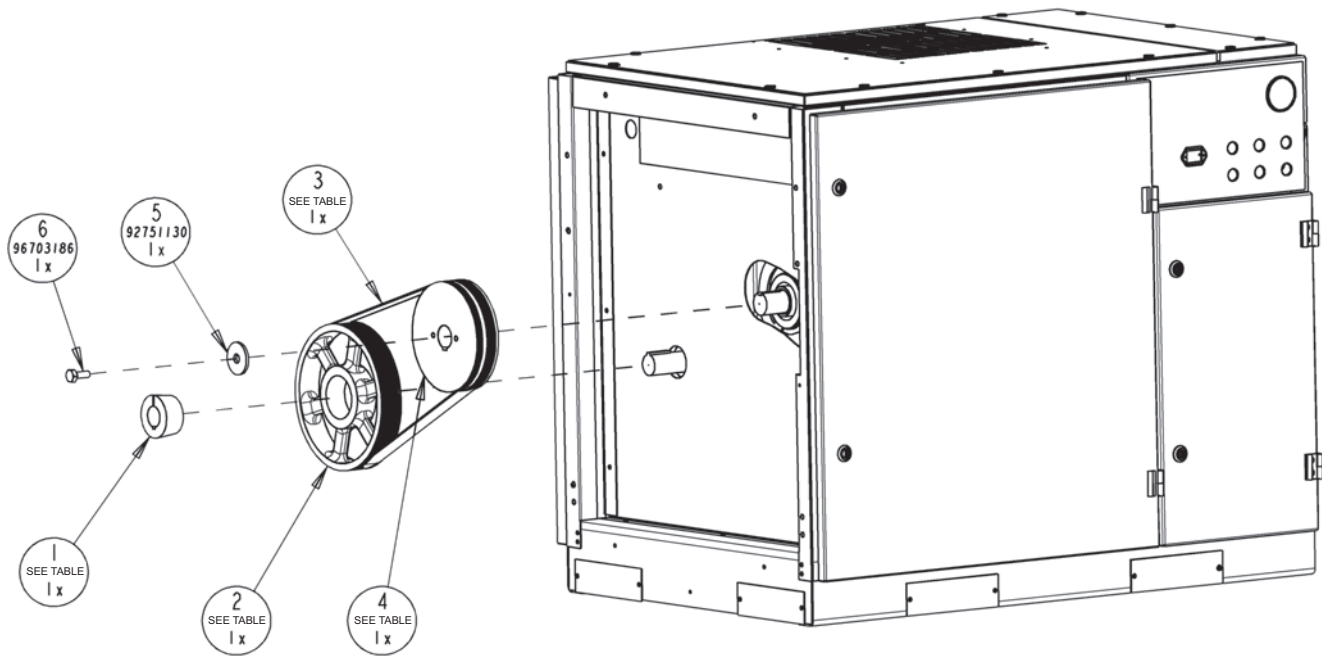
(Dwg. 22171276E7)

### PARTS LIST

| Item | Part No. | Description                           | Qty. |
|------|----------|---------------------------------------|------|
| 1    | 22082754 | BRACKET, SHIPPING                     | 1    |
| 2    | 96705645 | WASHER, M16                           | 1    |
| 3    | 96737556 | SCREW , HEX HEAD FLANGE M10 x 25 LONG | 1    |

## SHEAVE AND BELT ASSEMBLY DRAWING

### Sheaves and Belt to Motor and Airend



(Dwg. 22171284B2)

## SHEAVE AND BELT PARTS LIST

### Sheaves and Belt to Motor and Airend

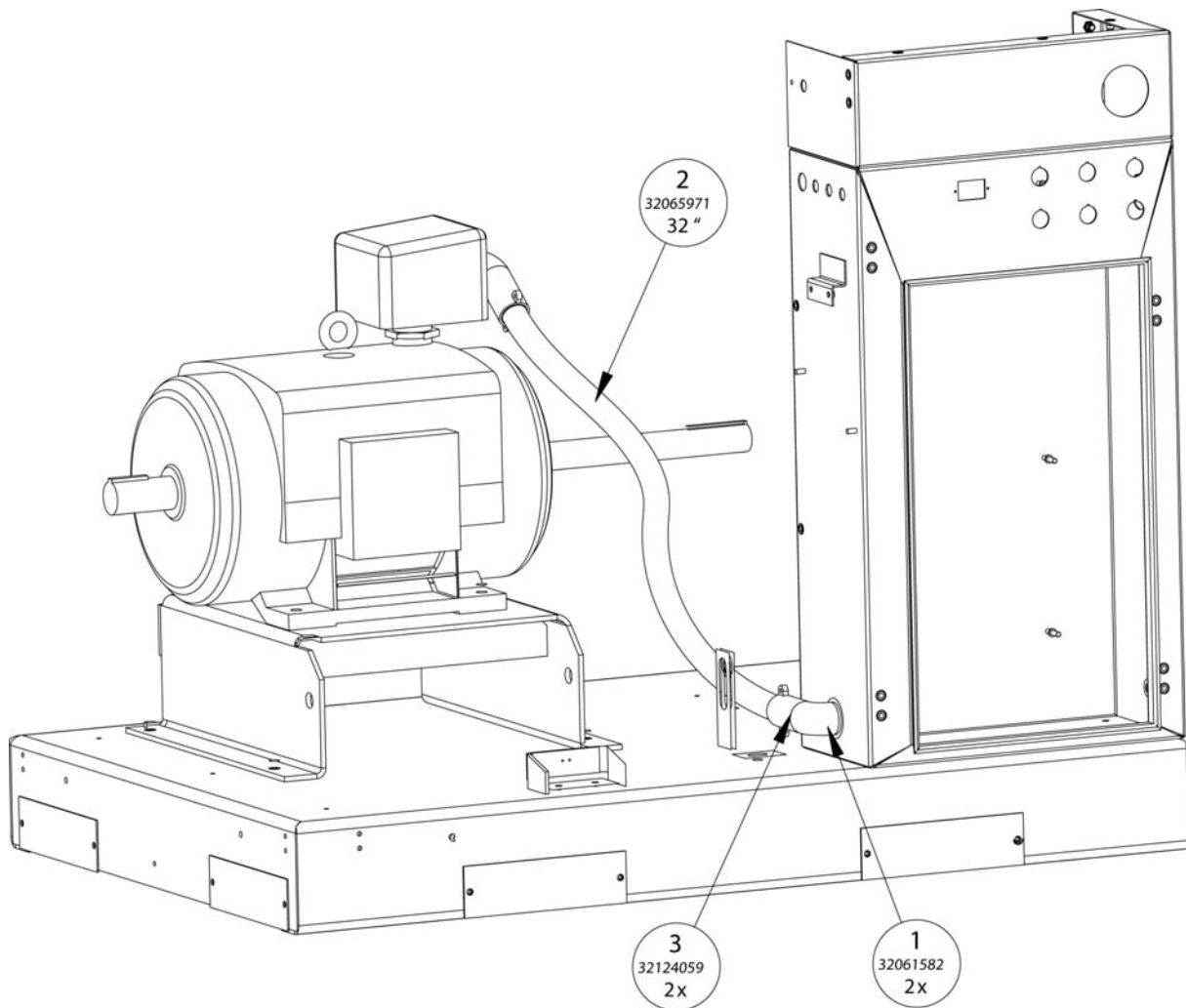
#### PARTS LIST

| Item | Part No.  | Description                     | Qty. |
|------|-----------|---------------------------------|------|
| 1    | SEE TABLE | BUSHING, TAPERLOCK              | 1    |
| 2    | SEE TABLE | SHEAVE, DRIVE MOTOR             | 1    |
| 3    | SEE TABLE | BELT, POLY-V DRIVE              | 1    |
| 4    | SEE TABLE | SHEAVE, AIREND                  | 1    |
| 5    | 92751130  | PLATE, REATAINING               | 1    |
| 6    | 96703186  | SCREW, HEX HEAD M16 X 35.0 LONG | 1    |

| Table For Bushing, Sheave And Belt |                    |                     |                    |                |
|------------------------------------|--------------------|---------------------|--------------------|----------------|
| Group                              | Bushing, Taperlock | Sheave, Drive Motor | Belt, Poly-v Drive | Sheave, Airend |
| 15 hp 125 PSI 60 Hz                | 22083448           | 22108351            | 22108393           | 22178057       |
| 15 hp 150 PSI 60 HZ                | 22083448           | 22108351            | 22108427           | 22178065       |
| 20 hp 125 PSI 60 Hz                | 22083448           | 22108351            | 89265060           | 22107536       |
| 20 hp 150 PSI 60 Hz                | 22083448           | 22108351            | 89265078           | 22178040       |
| 20 hp 200 PSI 60 Hz                | 22083448           | 22108351            | 22108393           | 22178057       |
| 25 hp 125 PSI 60 Hz                | 22083448           | 22108351            | 89265052           | 22107585       |
| 25 hp 150 PSI 60 Hz                | 22083448           | 22108351            | 89265060           | 22107593       |
| 25 hp 200 PSI 60 Hz                | 22083448           | 22108351            | 89265078           | 22107601       |
| 30 hp 125 PSI 60 Hz                | 22083448           | 22108369            | 89265060           | 22107619       |
| 30 hp 150 PSI 60 Hz                | 22083448           | 22108369            | 89265060           | 22107627       |
| 30 hp 200 PSI 60 Hz                | 22083448           | 22108351            | 89265060           | 22107635       |
| 11 kW 7.5 BAR 50 Hz                | 22077275           | 22108369            | 22108393           | 22107643       |
| 11 kW 8.5 BAR 50 Hz                | 22077275           | 22108369            | 22108393           | 22107577       |
| 11 kW 10 BAR 50 Hz                 | 22077275           | 22108377            | 22108401           | 22107650       |
| 15 kW 7.5 BAR 50 Hz                | 22077275           | 22108369            | 89265060           | 22107676       |
| 15 kW 8.5 BAR 50 Hz                | 22077275           | 22108369            | 89265060           | 22108302       |
| 15 kW 10 BAR 50 Hz                 | 22077275           | 22108369            | 89265078           | 22107684       |
| 15 kW 14 BAR 50 Hz                 | 22077275           | 22108377            | 22108427           | 22107692       |
| 18.5 kW 7.5 BAR 50 Hz              | 22077267           | 22108377            | 89265060           | 22107700       |
| 18.5 kW 8.5 BAR 50 Hz              | 22077267           | 22108377            | 89265060           | 22108310       |
| 18.5 kW 10 BAR 50 Hz               | 22077267           | 22108369            | 89265052           | 22107718       |
| 18.5 kW 14 BAR 50 Hz               | 22077267           | 22108377            | 22108393           | 22107726       |
| 22 kW 7.5 BAR 50 Hz                | 22077267           | 22108377            | 89265052           | 22107734       |
| 22 kW 8.5 BAR 50 Hz                | 22077267           | 22108377            | 89265052           | 22108328       |
| 22 kW 10 BAR 50 Hz                 | 22077267           | 22108377            | 89265060           | 22107742       |
| 22 kW 14 BAR 50 Hz                 | 22077267           | 22108369            | 89265060           | 22107759       |

## MOTOR CONDUIT (60 HZ) ASSEMBLY DRAWING AND PARTS LIST

**Motor Conduit (60 Hz ODP except 30 hp 200 V)**



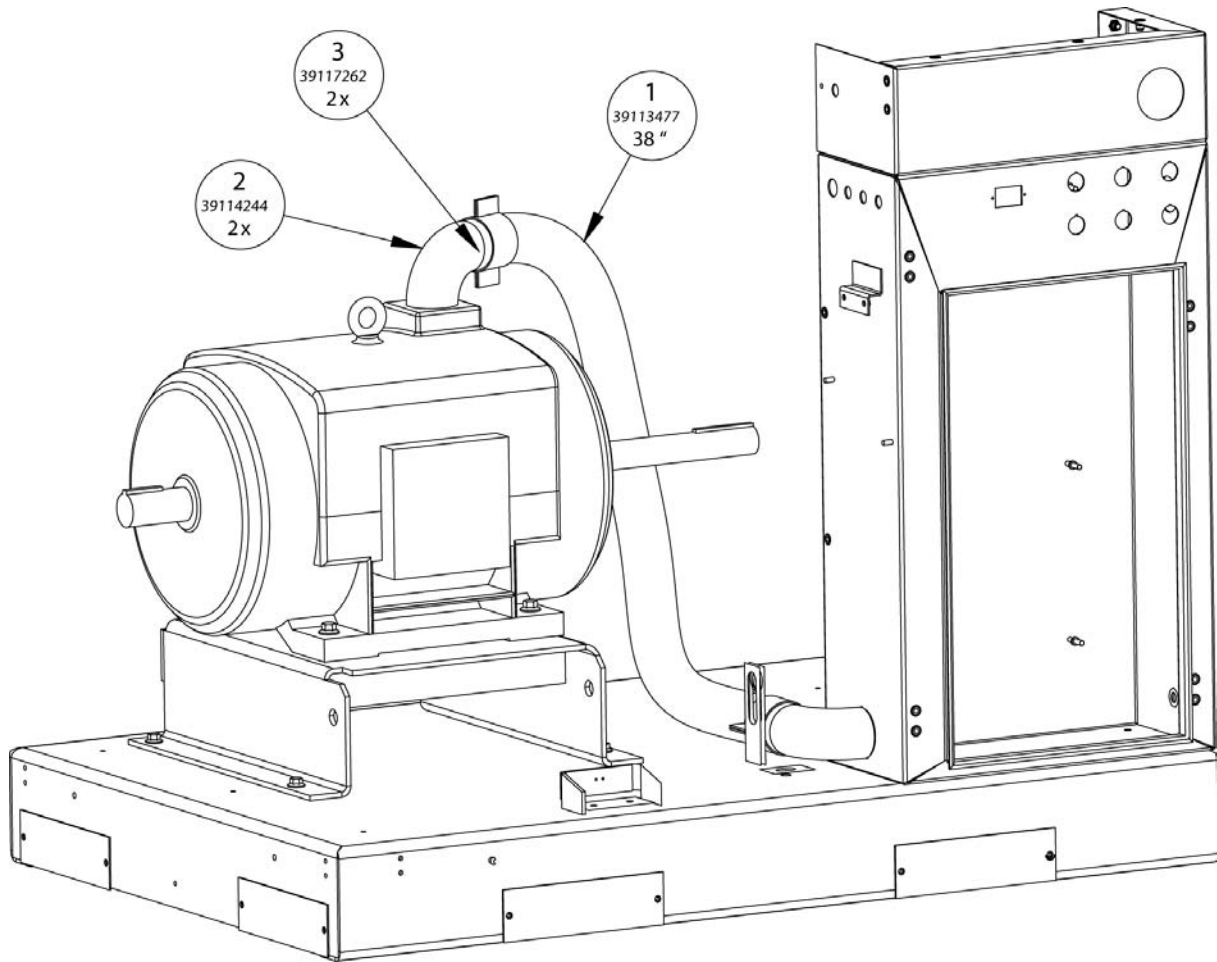
(Dwg. 22174007B2)

### PARTS LIST

| Item | Part No. | Description                       | Qty.    |
|------|----------|-----------------------------------|---------|
| 1    | 32061582 | ELBOW, 90° CONDUIT 1.25 INCH      | 2       |
| 2    | 32065971 | CONDUIT, 1.25 INCH FLEXIBLE STEEL | 32 INCH |
| 3    | 32124059 | SLEEVE, CONDUIT 1.25 INCH         | 2       |

## MOTOR CONDUIT (60 HZ) ASSEMBLY DRAWING AND PARTS LIST

**Motor Conduit (60 Hz ODP 30 hp 200 V only)**



(Dwg. 22174015C2)

### PARTS LIST

| Item | Part No. | Description                    | Qty.    |
|------|----------|--------------------------------|---------|
| 1    | 39113477 | CONDUIT, 2 INCH FLEXIBLE STEEL | 38 INCH |
| 2    | 39114244 | ELBOW, 90 DEG. 2 INCH CONDUIT  | 2       |
| 3    | 39117262 | SLEEVE, CONDUIT 2 INCH         | 2       |

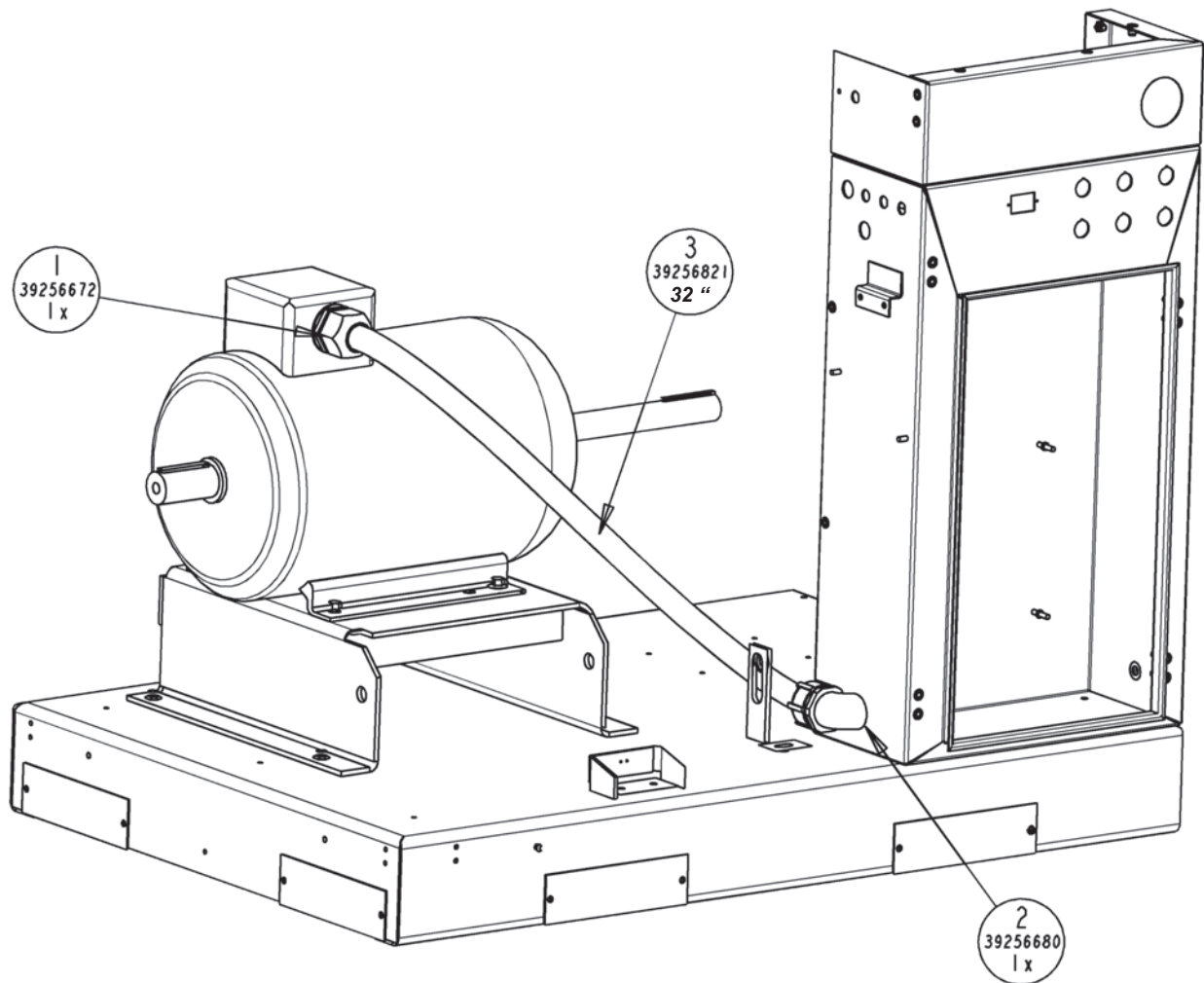
### NOTES ON THE MOTOR END:

1. ADD THREAD SEALANT/LOCKER EXAMPLE: LOCTITE 425 OR EQUAL.
2. DISCARD THE LOCKNUT AS NEEDED.

## MOTOR CONDUIT (60 HZ)

### ASSEMBLY DRAWING AND PARTS LIST

**Motor Conduit (60 Hz TEFC Except 30 hp 200 V only)**



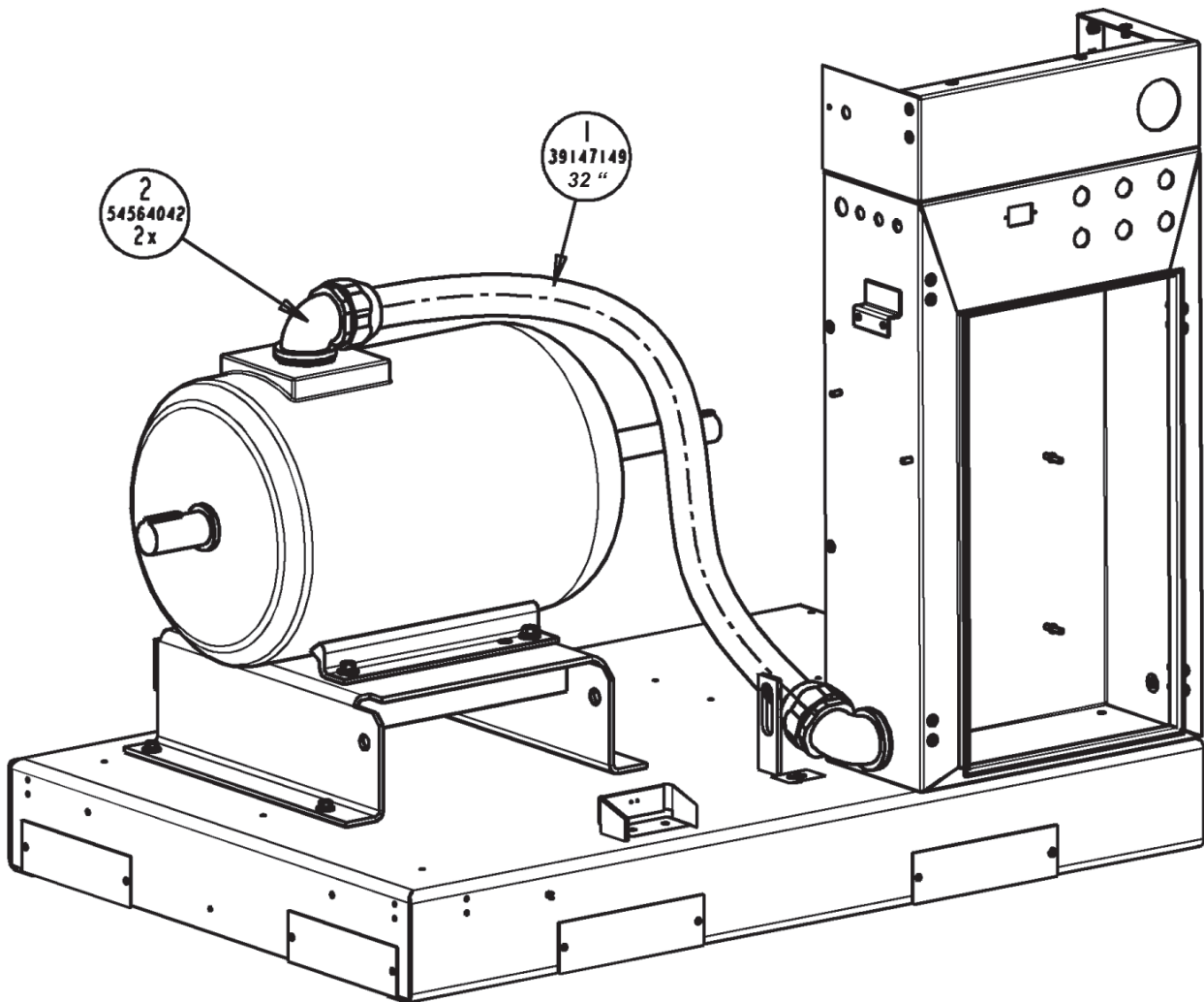
(Dwg. 22174023A2)

#### PARTS LIST

| Item | Part No. | Description                                 | Qty.    |
|------|----------|---------------------------------------------|---------|
| 1    | 39256672 | CONNECTOR, CONDUIT 1.25 INCH (NON METALLIC) | 1       |
| 2    | 39256680 | ELBOW, 1.25 INCH CONDUIT (NON-METALLIC)     | 1       |
| 3    | 39256821 | CONDUIT, 1.25 INCH FLEX PVC                 | 32 INCH |

## MOTOR CONDUIT (60 HZ) ASSEMBLY DRAWING AND PARTS LIST

Motor Conduit (60 Hz TEFC 30 hp 200 V only)



Dwg. 22174031B2)

### PARTS LIST

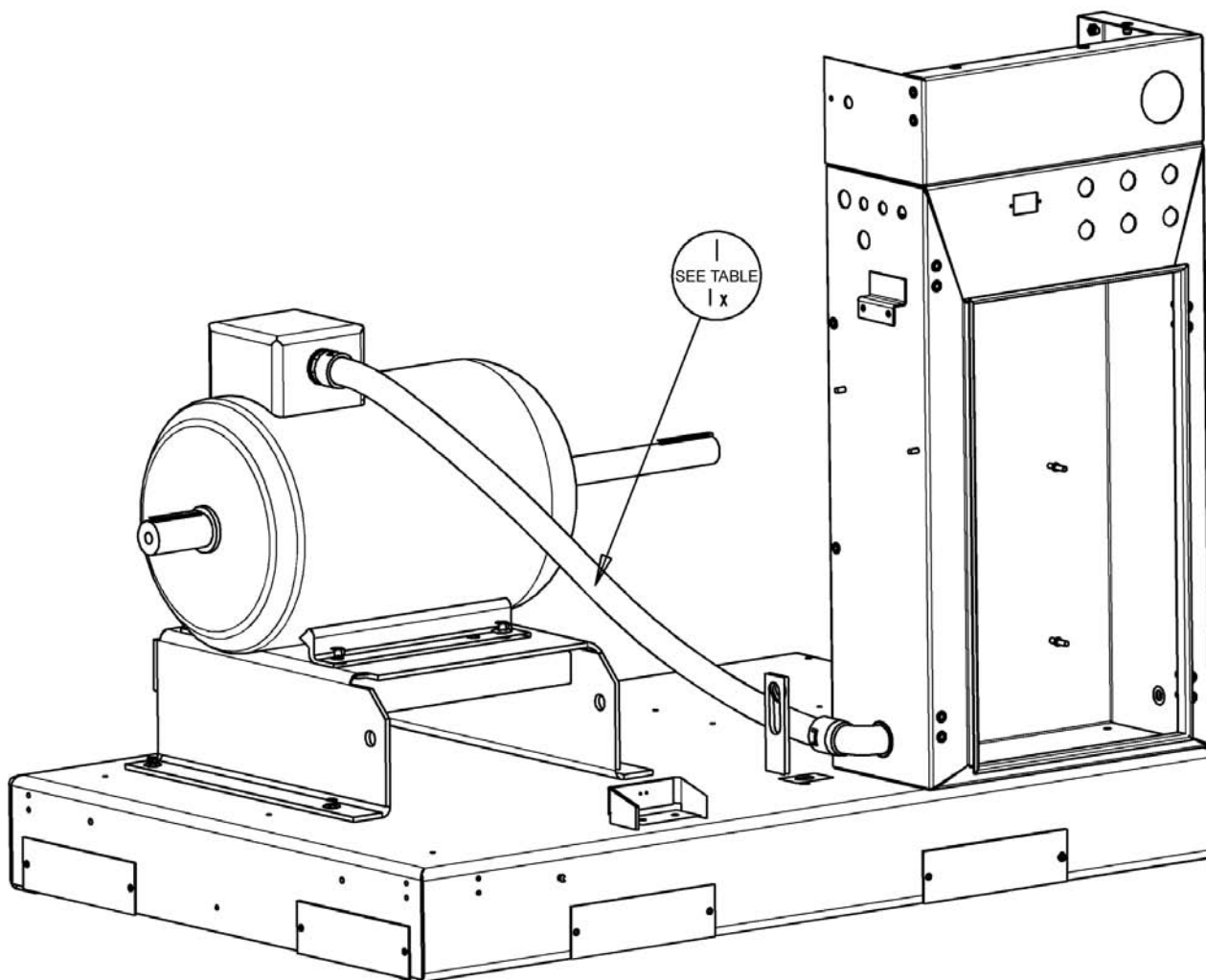
| Item | Part No. | Description                                     | Qty.    |
|------|----------|-------------------------------------------------|---------|
| 1    | 39147149 | CONDUIT, 2 INCH FLEX PVC                        | 32 INCH |
| 2    | 54564042 | ELBOW, 2 INCH CONDUIT NEMA 1 & 4 (NON METALLIC) | 2       |

### NOTES ON THE MOTOR END:

1. ADD THREAD SEALANT/LOCKER EXAMPLE: LOCTITE 425 OR EQUAL.
2. VERIFY O-RING INSTALLATION AND DISCARD THE LOCKNUT AS NEEDED.

## MOTOR CONDUIT (50 HZ) ASSEMBLY DRAWING AND PARTS LIST

### Assemble Motor Conduit



(Dwg. 22174023A2)

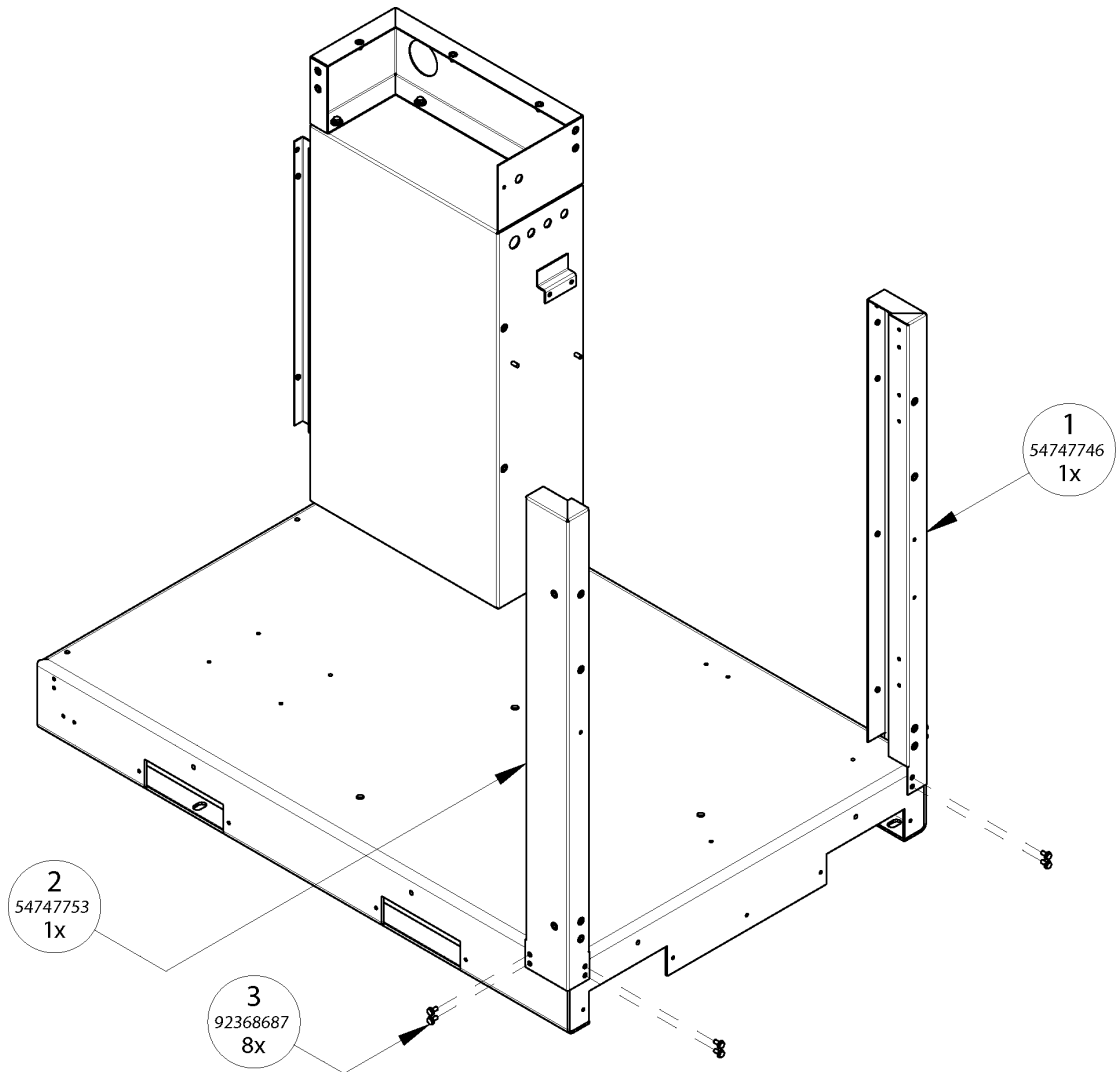
### PARTS LIST

| Item | Part No.  | Description       | Qty. |
|------|-----------|-------------------|------|
| 1    | SEE TABLE | ASSEMBLY, CONDUIT | 1    |

| Table For Motor Conduit                        |               |
|------------------------------------------------|---------------|
| Description                                    | Motor Conduit |
| 50 Hz MOTOR CONDUIT (22 kW - 220 V UNITS)      | 22207278      |
| 50 Hz MOTOR CONDUIT (15-18.5 kW / 220 V UNITS) | 22113153      |
| 50 Hz MOTOR CONDUIT (400 V UNITS)              | 22090963      |

## COMMON SHEET METAL ASSEMBLY DRAWING AND PARTS LIST

### Assemble Left End Corners



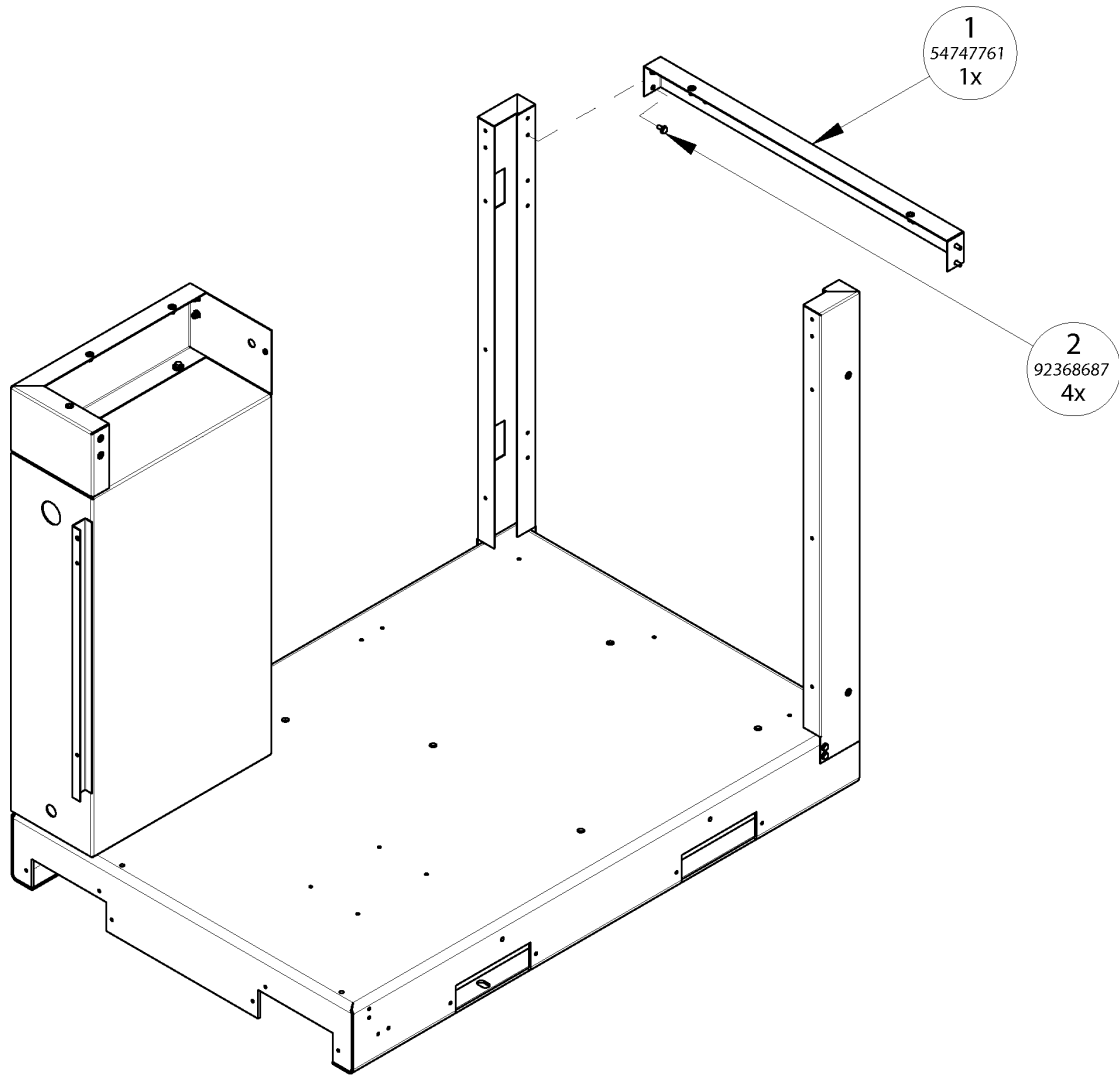
(Dwg. 22170476D2)

### PARTS LIST

| Item | Part No. | Description                  | Qty. |
|------|----------|------------------------------|------|
| 1    | 54747746 | CORNER, FRONT                | 1    |
| 2    | 54747753 | CORNER, RIGHT REAR           | 1    |
| 3    | 92368687 | TAPTITE SCREW M6-1 x 12 LONG | 8    |

# COMMON SHEET METAL ASSEMBLY DRAWING AND PARTS LIST

## Assemble Left End Channel



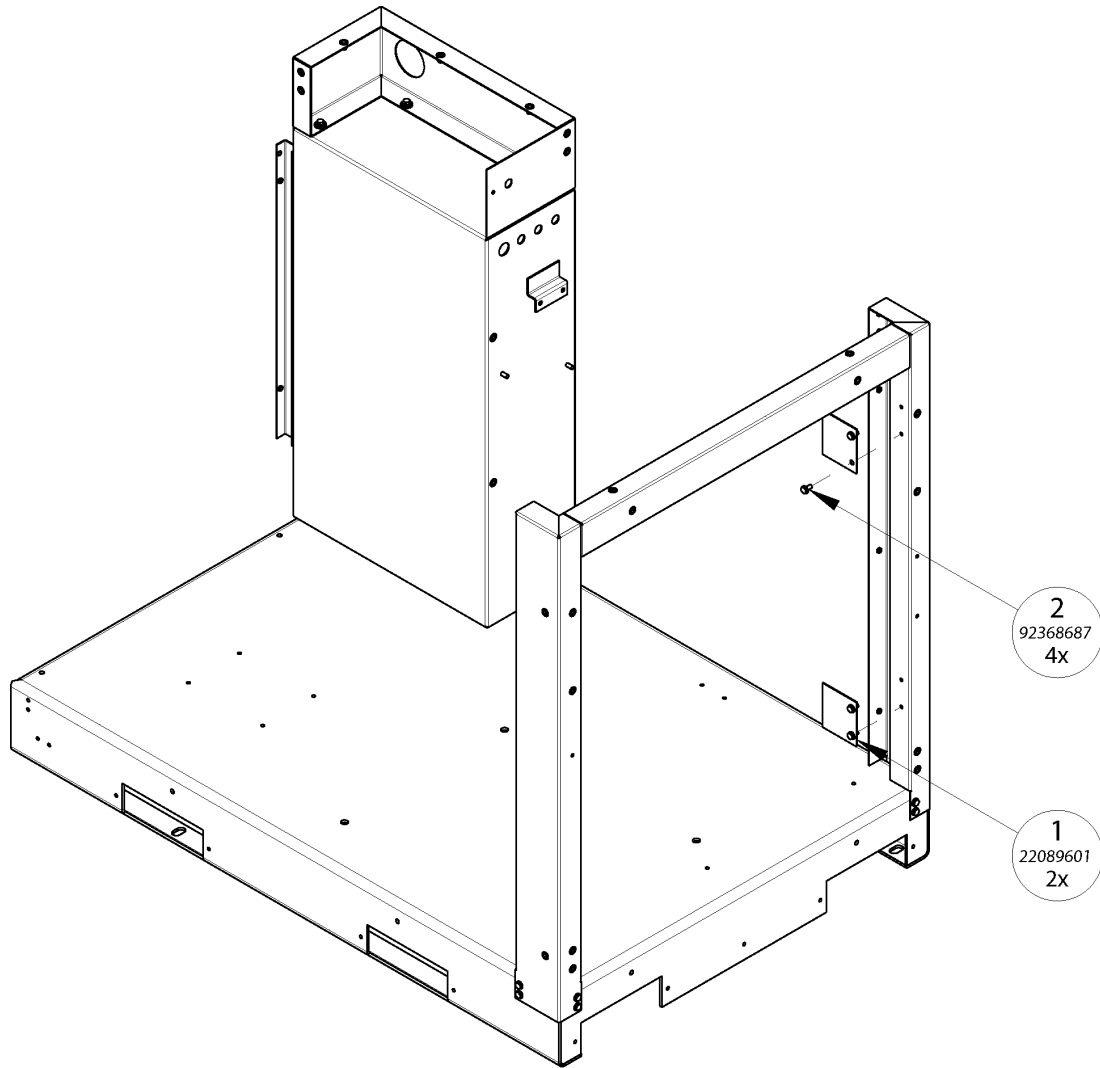
(Dwg. 22170476D3)

### PARTS LIST

| Item | Part No. | Description                  | Qty. |
|------|----------|------------------------------|------|
| 1    | 54747761 | CHANNEL, RIGHT SIDE          | 1    |
| 2    | 92368687 | TAPTITE SCREW M6-1 x 12 LONG | 4    |

# COMMON SHEET METAL ASSEMBLY DRAWING AND PARTS LIST

## Assemble Finger Guards



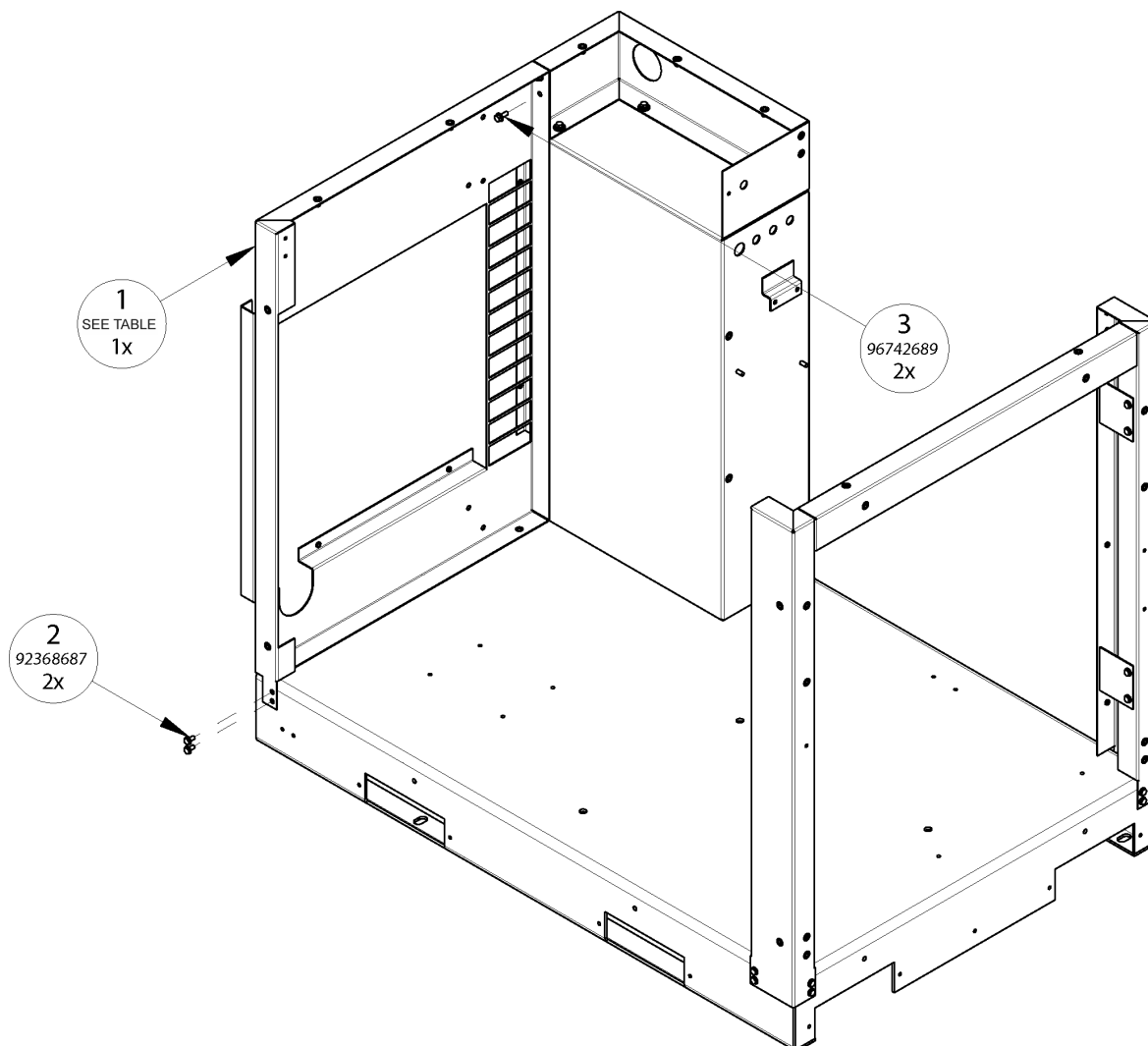
(Dwg. 22170476D4)

### PARTS LIST

| Item | Part No. | Description                  | Qty. |
|------|----------|------------------------------|------|
| 1    | 22089601 | PLATE, FINGER GUARD          | 2    |
| 2    | 92368687 | TAPTITE SCREW M6-1 x 12 LONG | 4    |

## COMMON SHEET METAL ASSEMBLY DRAWING AND PARTS LIST

### Assemble Cooler Corner



(Dwg. 22170476D5)

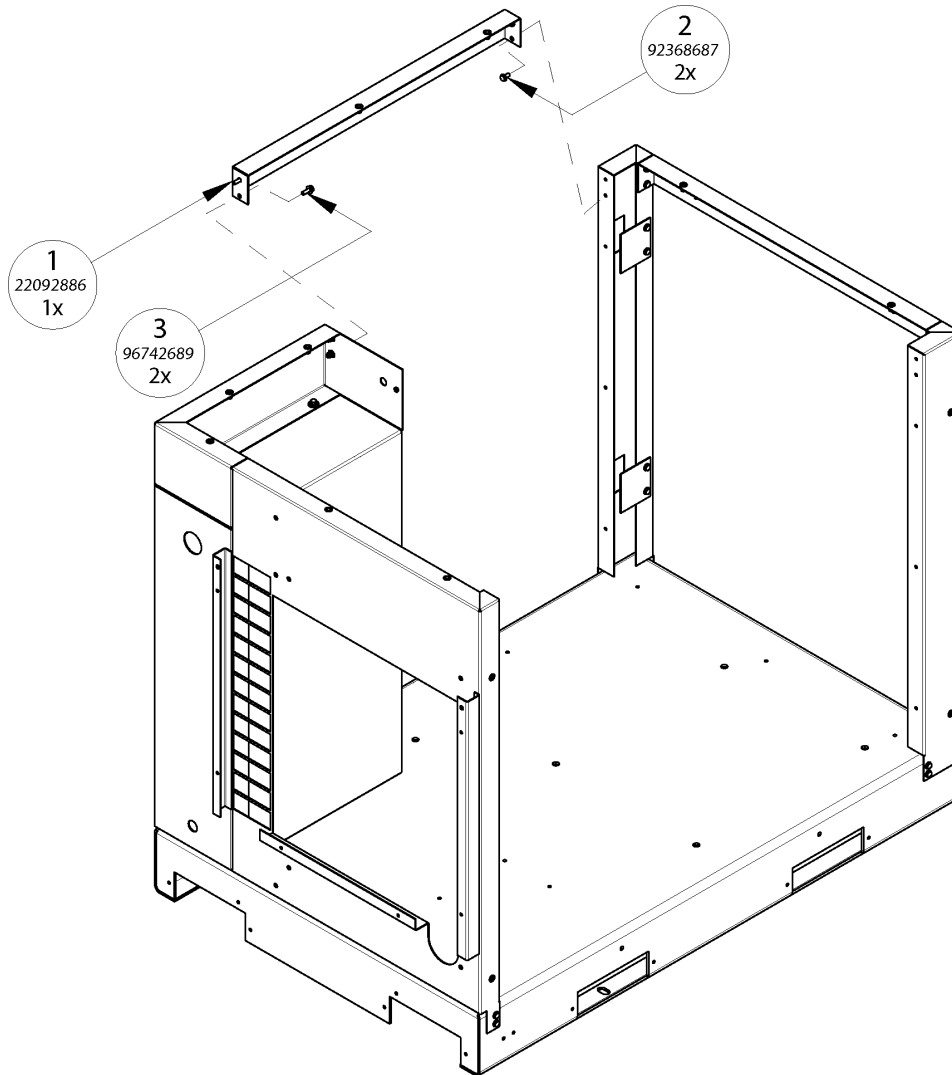
### PARTS LIST

| Item | Part No.  | Description                     | Qty. |
|------|-----------|---------------------------------|------|
| 1    | SEE TABLE | CORNER, COOLER SIDE 18.5-22 kW  | 1    |
| 2    | 92368687  | TAPTITE SCREW M6-1 x 12 LONG    | 2    |
| 3    | 96742689  | BOLT, HEX FLANGE M6-1 x 16 LONG | 2    |

| Table For Corner, Cooler Side                |                     |
|----------------------------------------------|---------------------|
| Description                                  | Corner, cooler side |
| COMMON ENCLOSURE (18.5 - 22 kW / 25-30 hp)   | 22095251            |
| COMMON ENCLOSURE (11-15 kW / 15-20 hp UNITS) | 22132336            |

## COMMON SHEET METAL ASSEMBLY DRAWING AND PARTS LIST

### Assemble Front Channel



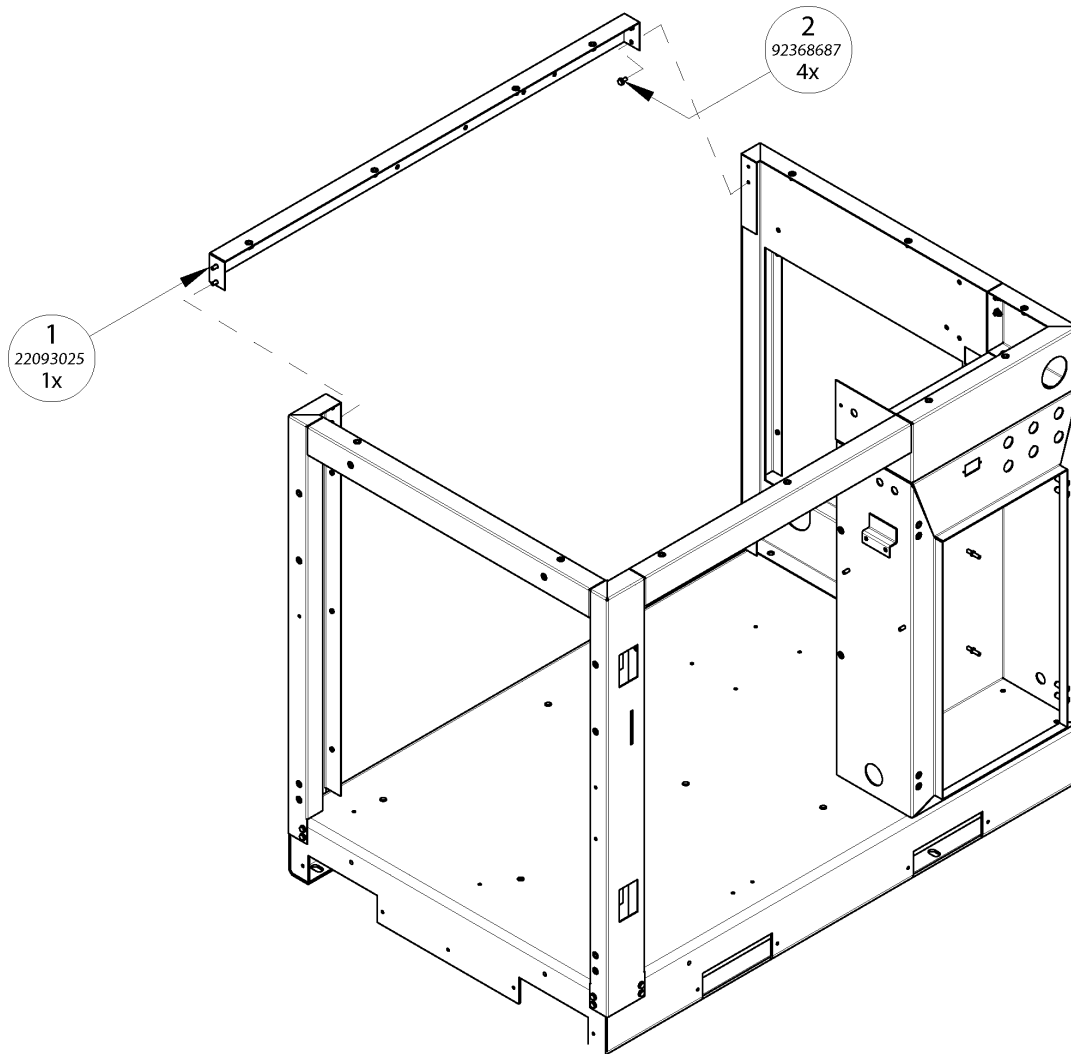
(Dwg. 22170476D6)

### PARTS LIST

| Item | Part No. | Description                     | Qty. |
|------|----------|---------------------------------|------|
| 1    | 22092886 | CHANNEL, LONG SIDE              | 1    |
| 2    | 92368687 | TAPTITE SCREW M6-1 x 12 LONG    | 2    |
| 3    | 92742689 | BOLT, HEX FLANGE M6-1 x 16 LONG | 2    |

# COMMON SHEET METAL ASSEMBLY DRAWING AND PARTS LIST

## Assemble Rear Channel



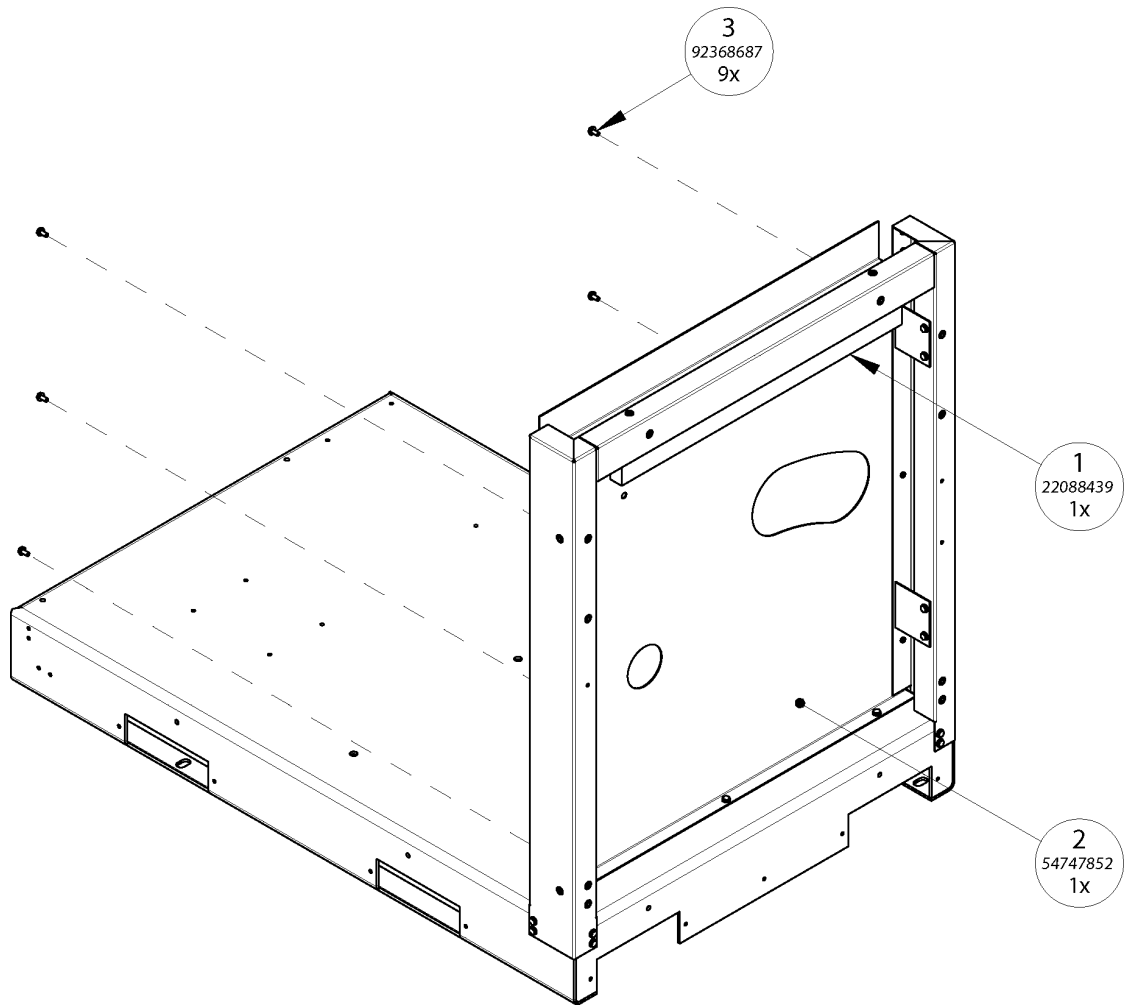
(Dwg. 22170476D7)

### PARTS LIST

| Item | Part No. | Description                  | Qty. |
|------|----------|------------------------------|------|
| 1    | 22093025 | CHANNEL, REAR                | 1    |
| 2    | 92368687 | TAPTITE SCREW M6-1 x 12 LONG | 4    |

## COMMON SHEET METAL ASSEMBLY DRAWING AND PARTS LIST

### Assemble Sheave Guard Panel



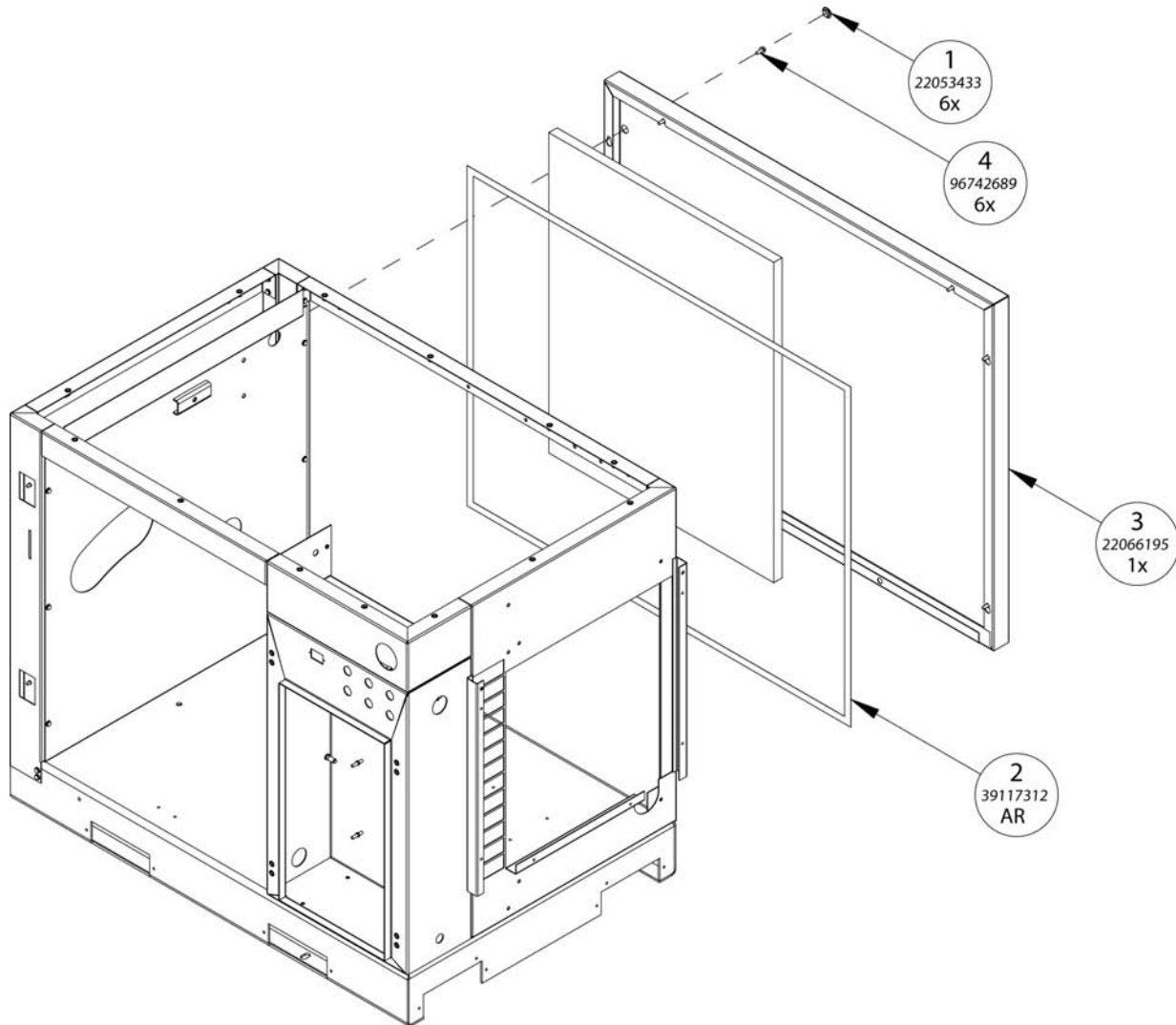
(Dwg. 22170476D8)

### PARTS LIST

| Item | Part No. | Description                  | Qty. |
|------|----------|------------------------------|------|
| 1    | 22088439 | FOAM, SHEAVE GUARD PANEL     | 1    |
| 2    | 54747852 | PANEL, SHEAVE GUARD          | 1    |
| 3    | 92368687 | TAPTITE SCREW M6-1 x 12 LONG | 9    |

## COMMON SHEET METAL ASSEMBLY DRAWING AND PARTS LIST

### Assemble Rear Panel



(Dwg. 22170476D9)

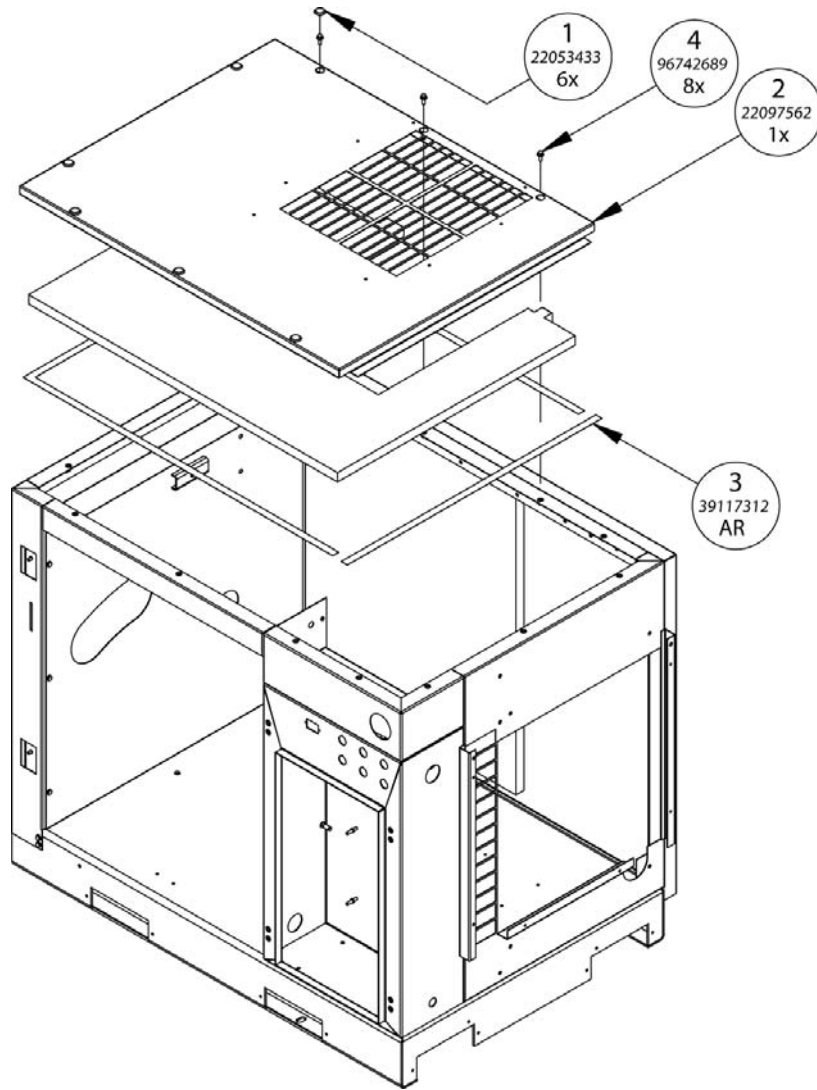
### PARTS LIST

| Item | Part No. | Description                                                  | Qty. |
|------|----------|--------------------------------------------------------------|------|
| 1    | 22053433 | CAP, PLASTIC 18 mm HOLE                                      | 6    |
| 2    | 39117312 | GASKET, STRIP 0.06 INCH THK x 0.75 INCH WIDE W/ADHESIVE BACK | AR   |
| 3    | 22066195 | ASSEMBLY, REAR PANEL (SHEET METAL/FOAM)                      | 1    |
| 4    | 96742689 | BOLT, HEX FLANGE M6 -1 x 16 LONG                             | 6    |

AR - AS REQUIRED.

## COMMON SHEET METAL ASSEMBLY DRAWING AND PARTS LIST

### Assemble Top Exhaust Panel



(Dwg. 22170476D10)

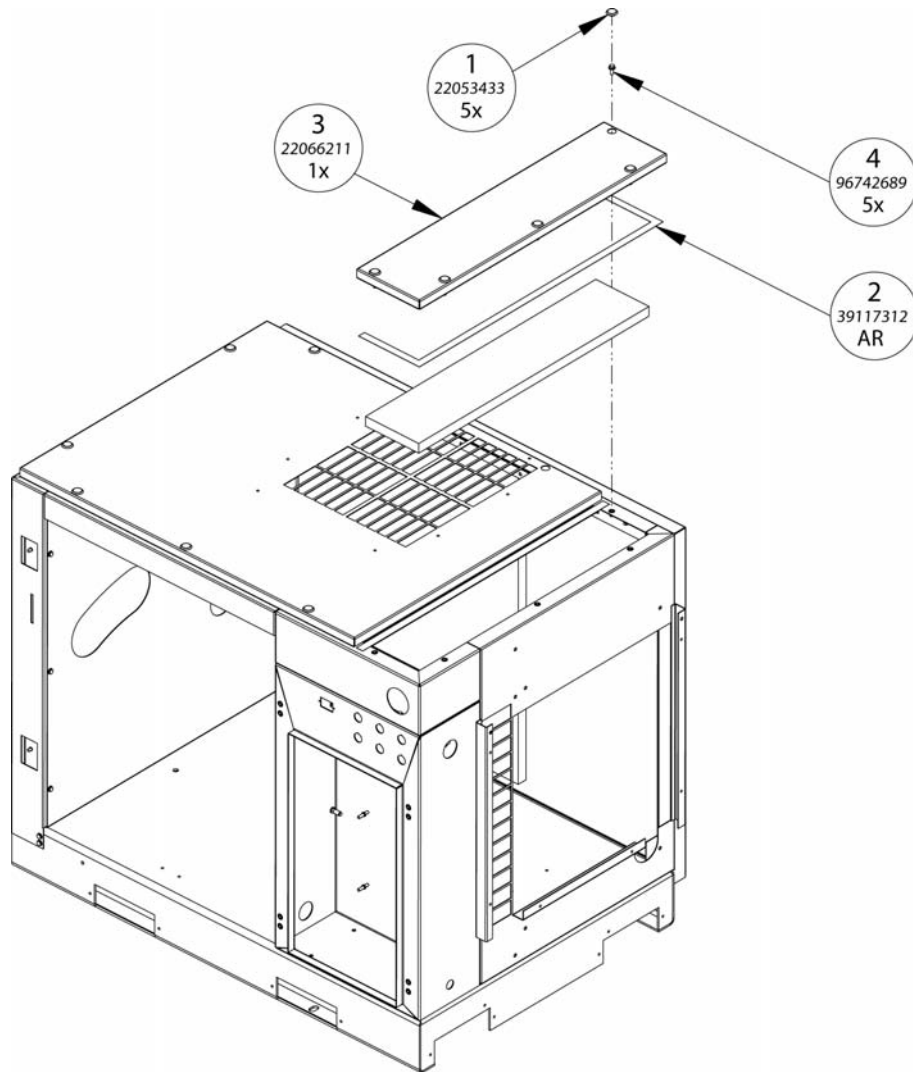
#### PARTS LIST

| Item | Part No. | Description                                                  | Qty. |
|------|----------|--------------------------------------------------------------|------|
| 1    | 22053433 | CAP, PLASTIC 18 mm HOLE                                      | 6    |
| 2    | 22097562 | ASSEMBLY, TOP PANEL (SHEET METAL/FOAM)                       | 1    |
| 3    | 39117312 | GASKET, STRIP 0.06 INCH THK x 0.75 INCH WIDE W/ADHESIVE BACK | AR   |
| 4    | 96742689 | BOLT, HEX FLANGE M6-1 X 16 LONG                              | 8    |

AR - AS REQUIRED.

## COMMON SHEET METAL ASSEMBLY DRAWING AND PARTS LIST

### Assemble Top Cooler Access Panel



(Dwg. 22170476D11)

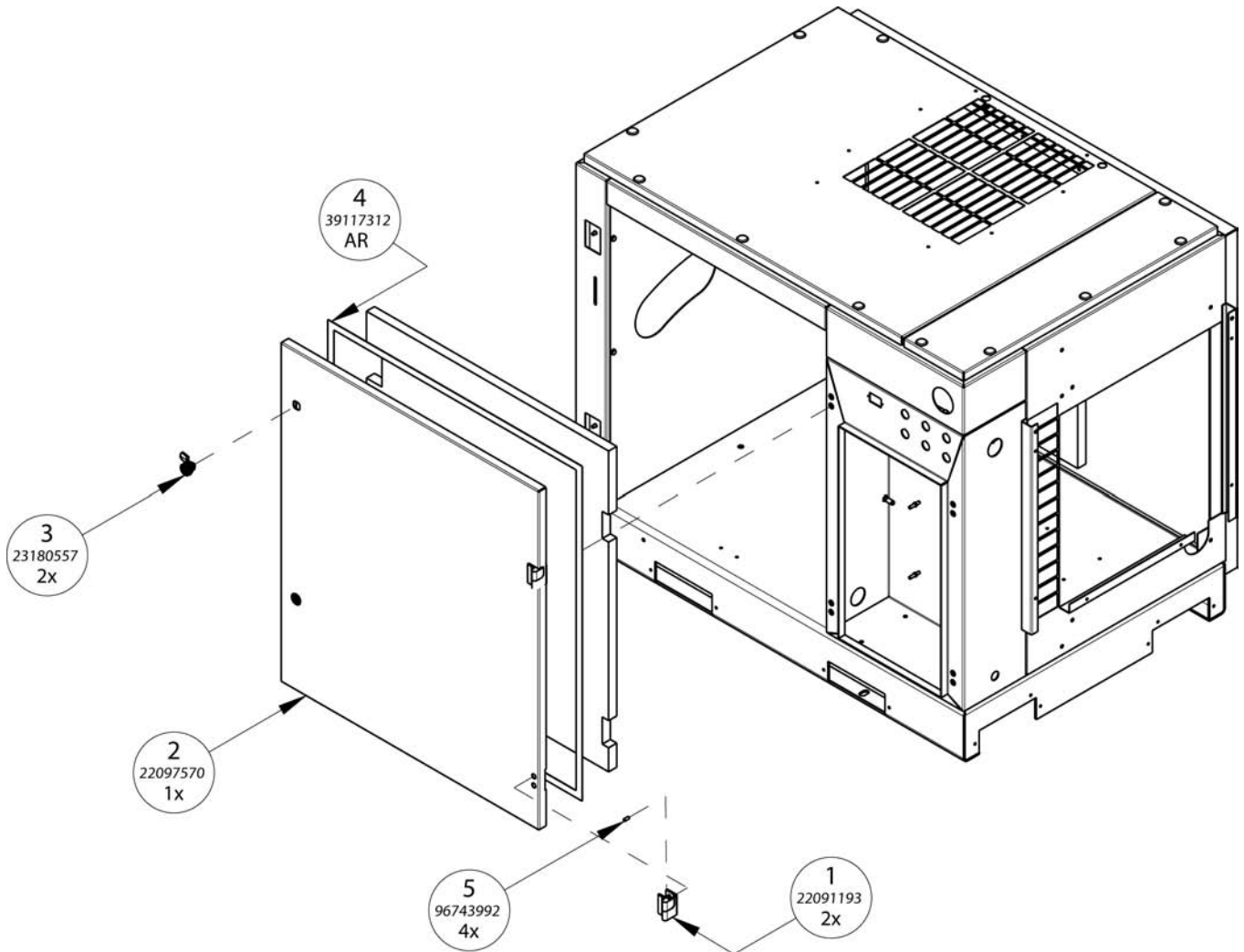
#### PARTS LIST

| Item | Part No. | Description                                                  | Qty. |
|------|----------|--------------------------------------------------------------|------|
| 1    | 22053433 | CAP, PLASTIC 18 mm HOLE                                      | 5    |
| 2    | 39117312 | GASKET, STRIP 0.06 INCH THK x 0.75 INCH WIDE W/ADHESIVE BACK | AR   |
| 3    | 22066211 | PANEL, TOP (SHEET METAL/FOAM)                                | 1    |
| 4    | 96742689 | BOLT, HEX FLANGE M6-1 x 16 LONG                              | 5    |

AR - AS REQUIRED

## COMMON SHEET METAL ASSEMBLY DRAWING AND PARTS LIST

### Assemble Front Panel



(Dwg. 22170476D12)

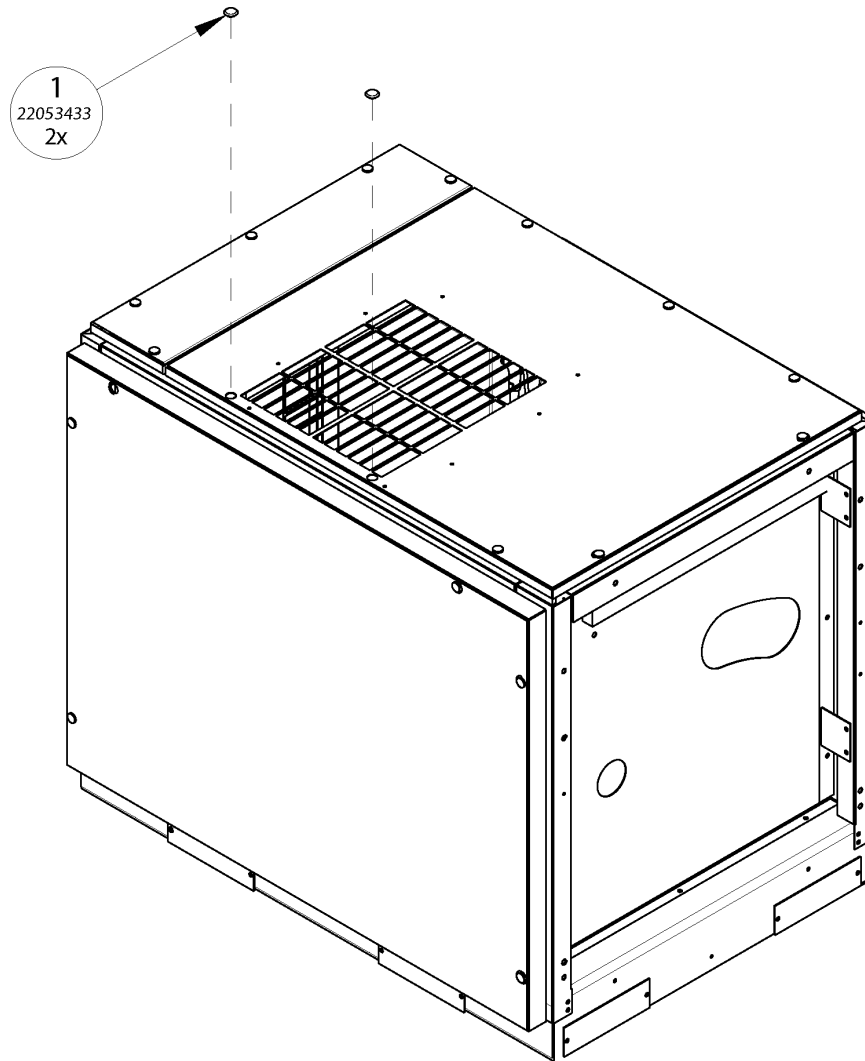
### PARTS LIST

| Item | Part No. | Description                                                  | Qty. |
|------|----------|--------------------------------------------------------------|------|
| 1    | 22091193 | HINGE, LIFT OFF (RIGHT HAND)                                 | 2    |
| 2    | 22097570 | ASSEMBLY, FRONT DOOR PANEL (SHEET METAL/FOAM)                | 1    |
| 3    | 23180557 | LATCH, DOOR (NEMA 4) 28 mm HEAD/28 mm OFFSET                 | 2    |
| 4    | 39117312 | GASKET, STRIP 0.06 INCH THK x 0.75 INCH WIDE W/ADHESIVE BACK | AR   |
| 5    | 96743992 | MACHINE SCREW, FLAT HEAD M6 x16                              | 4    |

AR - AS REQUIRED.

# STANDARD SHEET METAL ASSEMBLY DRAWING AND PARTS LIST

## Assemble Top Exhaust Panel Cap Plugs



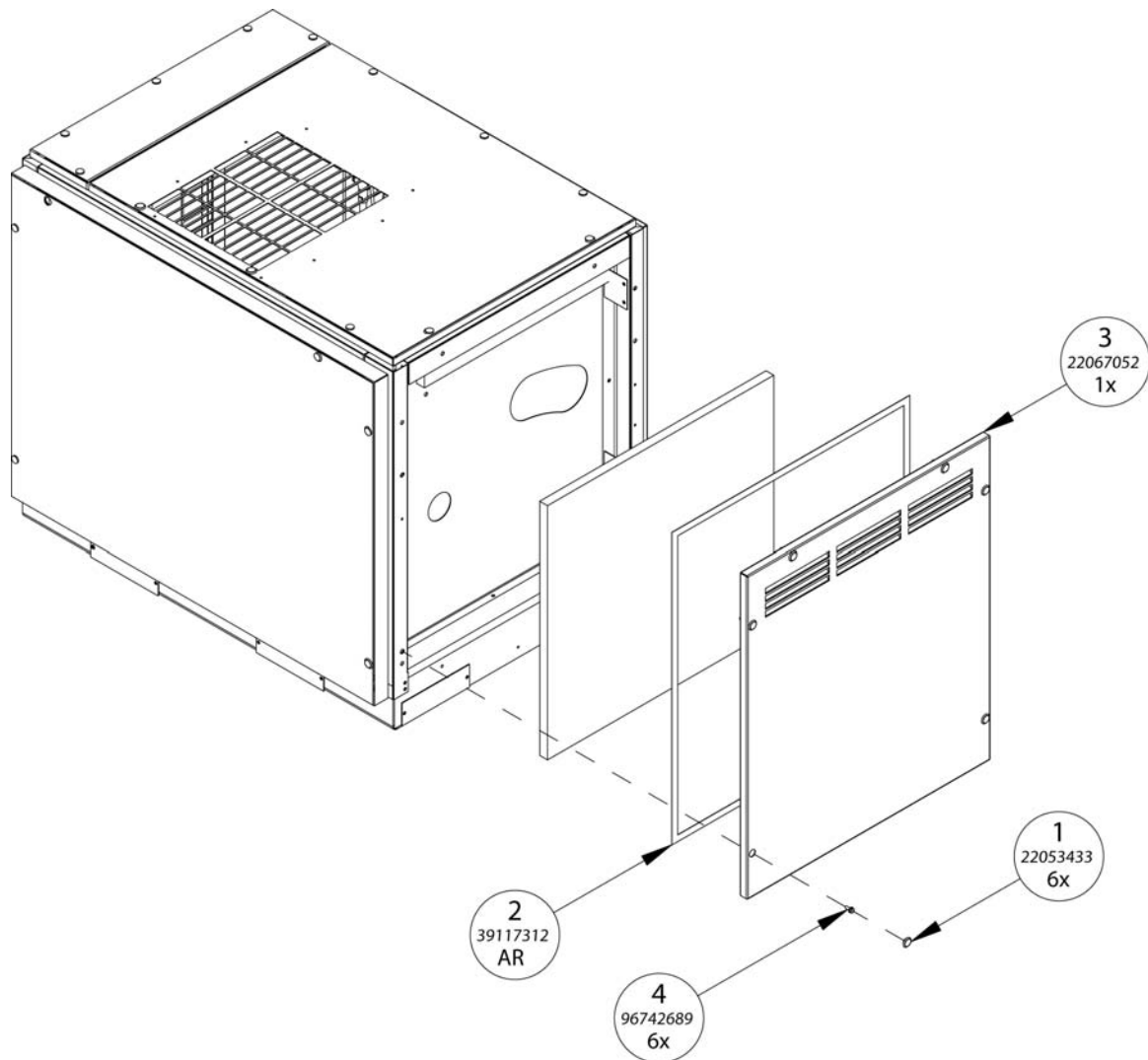
(Dwg. 22171003C2)

### PARTS LIST

| Item | Part No. | Description             | Qty. |
|------|----------|-------------------------|------|
| 1    | 22053433 | CAP, PLASTIC 18 mm HOLE | 2    |

# STANDARD SHEET METAL ASSEMBLY DRAWING AND PARTS LIST

## Assemble Left End Panel



(Dwg. 22171003C3)

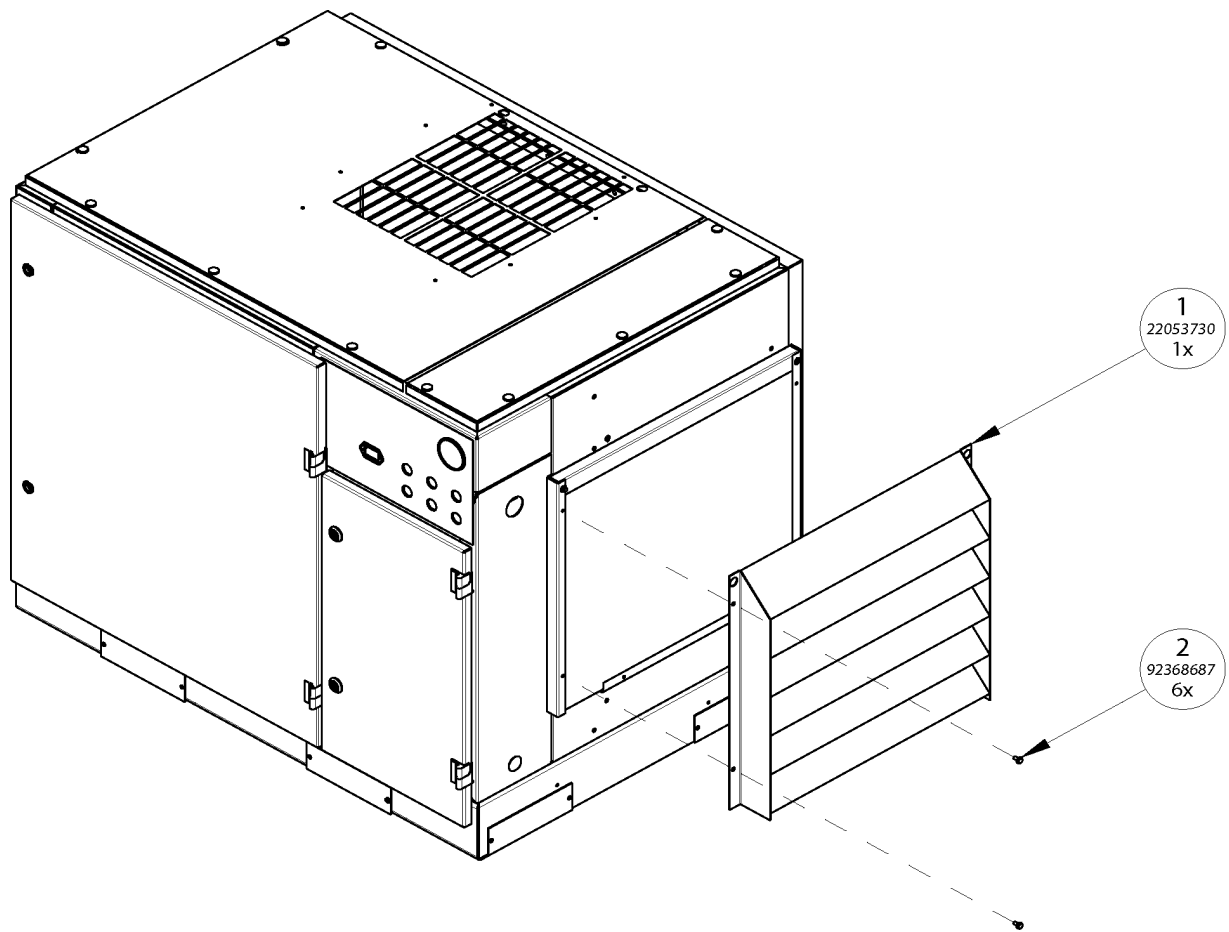
### PARTS LIST

| Item | Part No. | Description                                                  | Qty. |
|------|----------|--------------------------------------------------------------|------|
| 1    | 22053433 | CAP, PLASTIC 18 mm HOLE                                      | 6    |
| 2    | 39117312 | GASKET, STRIP 0.06 INCH THK x 0.75 INCH WIDE W/ADHESIVE BACK | AR   |
| 3    | 22067052 | ASSEMBLY, LEFT END PANEL (SHEET METAL/FOAM)                  | 1    |
| 4    | 96742689 | BOLT, HEX FLANGE M6-1 x 16 LONG                              | 6    |

AR - AS REQUIRED.

# OUTDOOR MODIFICATION SHEET METAL ASSEMBLY DRAWING AND PARTS LIST

## Assemble Intake Louver



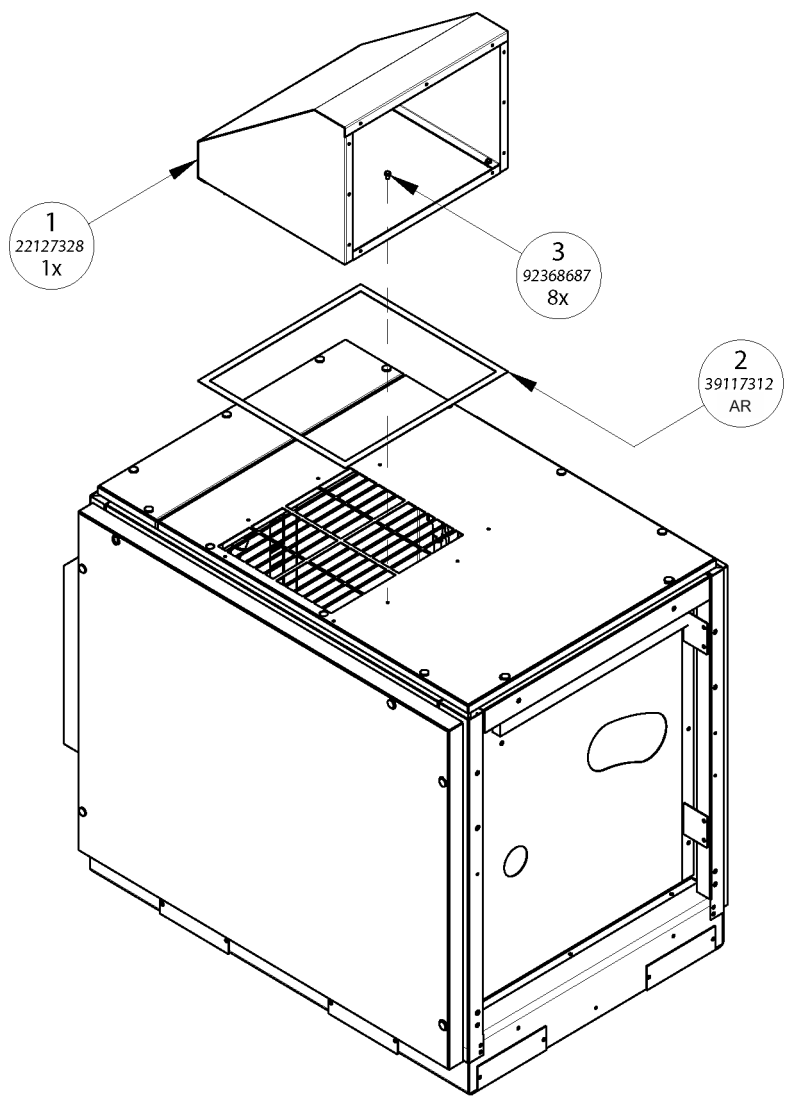
(Dwg. 22170997C2)

### PARTS LIST

| Item | Part No. | Description                               | Qty. |
|------|----------|-------------------------------------------|------|
| 1    | 22053730 | LOUVER, AIR INTAKE (OUTDOOR MODIFICATION) | 1    |
| 2    | 92368687 | TAPTITE SCREW M6-1 x 12 LONG              | 6    |

OUTDOOR MODIFICATION SHEET METAL ASSEMBLY DRAWING AND PARTS LIST

Assemble Compressor Exhaust Hood



(Dwg. 22170997C3)

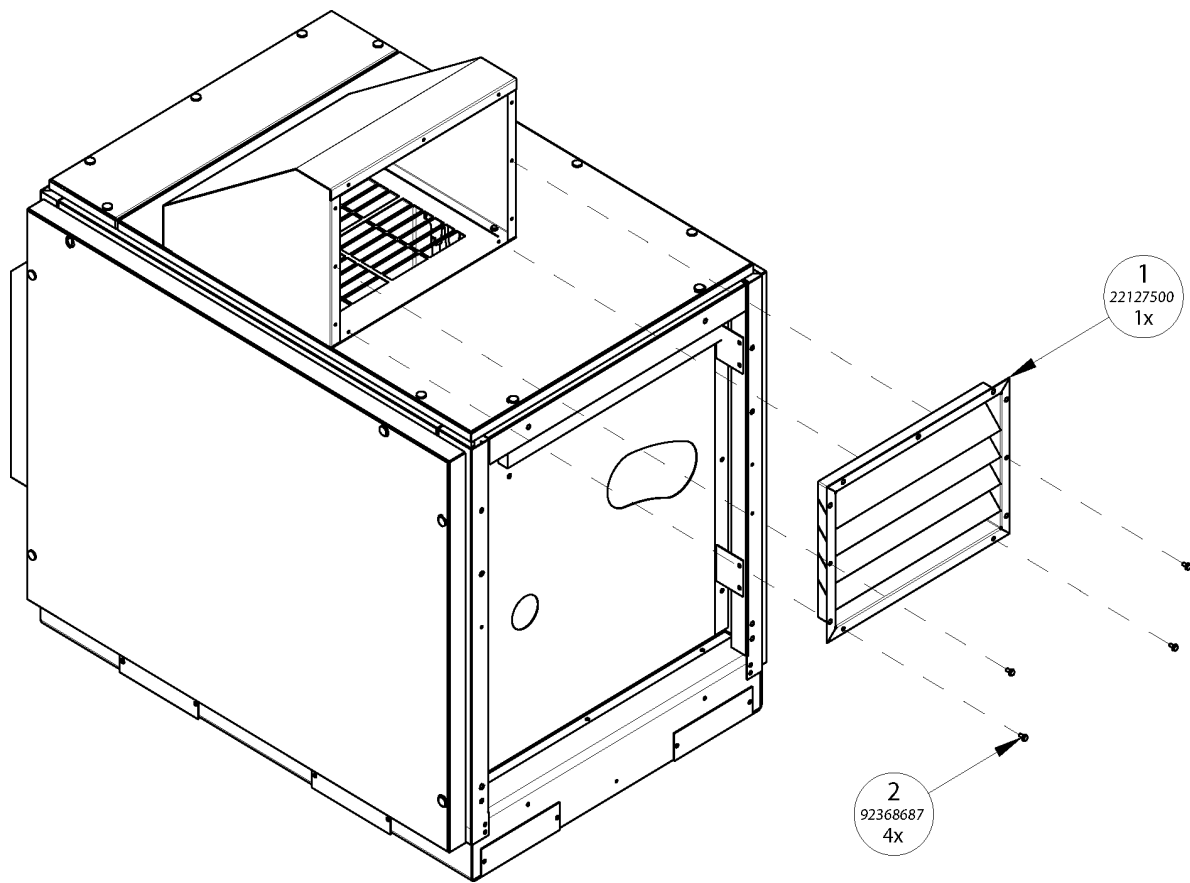
PARTS LIST

| Item | Part No. | Description                                                  | Qty. |
|------|----------|--------------------------------------------------------------|------|
| 1    | 22127328 | BOX, COMPRESSOR EXHAUST (OUTDOOR MODIFICATION)               | 1    |
| 2    | 39117312 | GASKET, STRIP 0.06 INCH THK x 0.75 INCH WIDE W/ADHESIVE BACK | AR   |
| 3    | 92368687 | TAPTITE SCREW M6-1 x 12 LONG                                 | 8    |

AR - AS REQUIRED.

# OUTDOOR MODIFICATION SHEET METAL ASSEMBLY DRAWING AND PARTS LIST

## Assemble Package Exhaust Louver



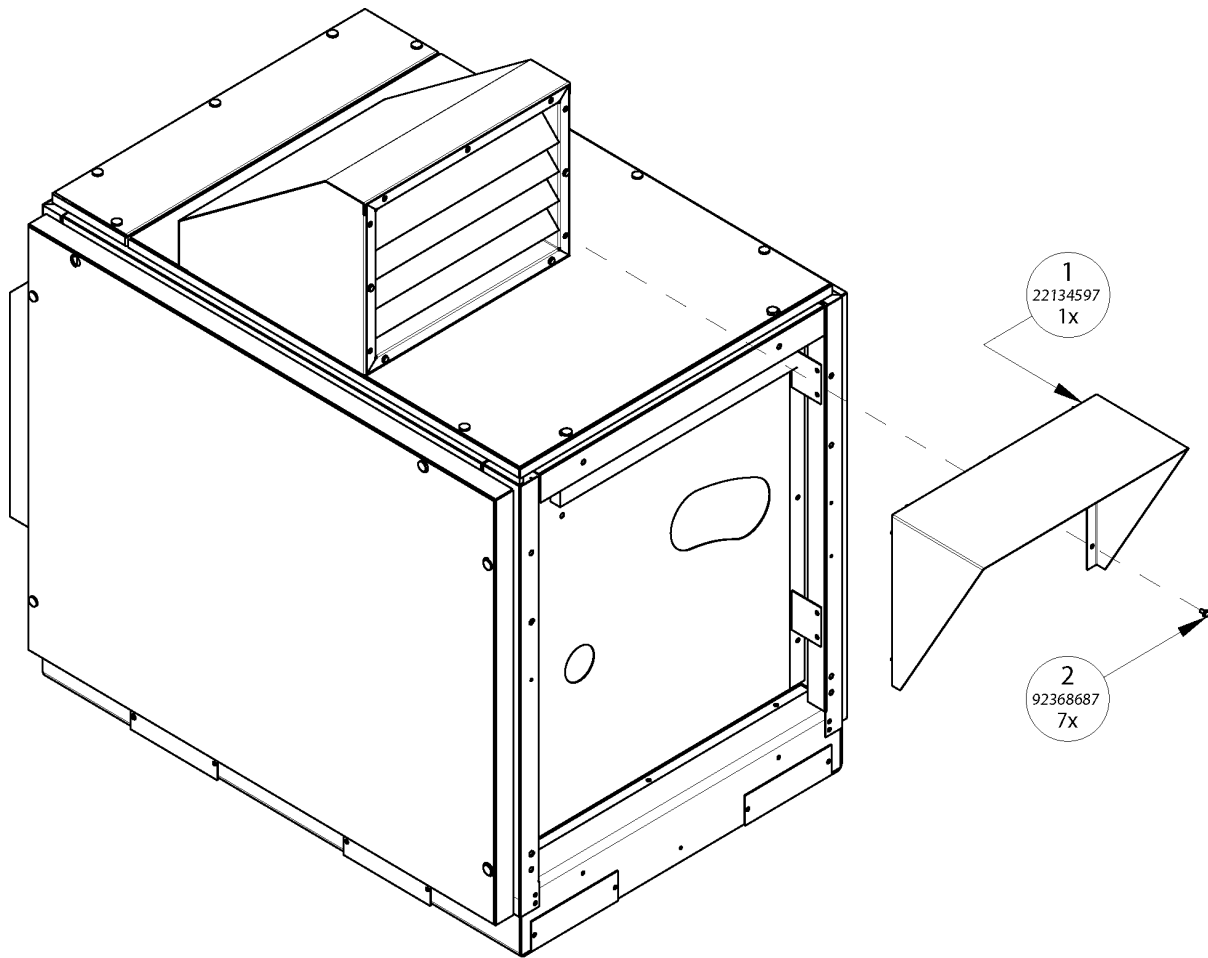
(Dwg. 22170997C4)

### PARTS LIST

| Item | Part No. | Description                  | Qty. |
|------|----------|------------------------------|------|
| 1    | 22127500 | LOUVER, AIR EXHAUST          | 1    |
| 2    | 92368687 | TAPTITE SCREW M6-1 x 12 LONG | 4    |

# OUTDOOR MODIFICATION SHEET METAL ASSEMBLY DRAWING AND PARTS LIST

## Assemble Package Air Exhaust Louver Hood



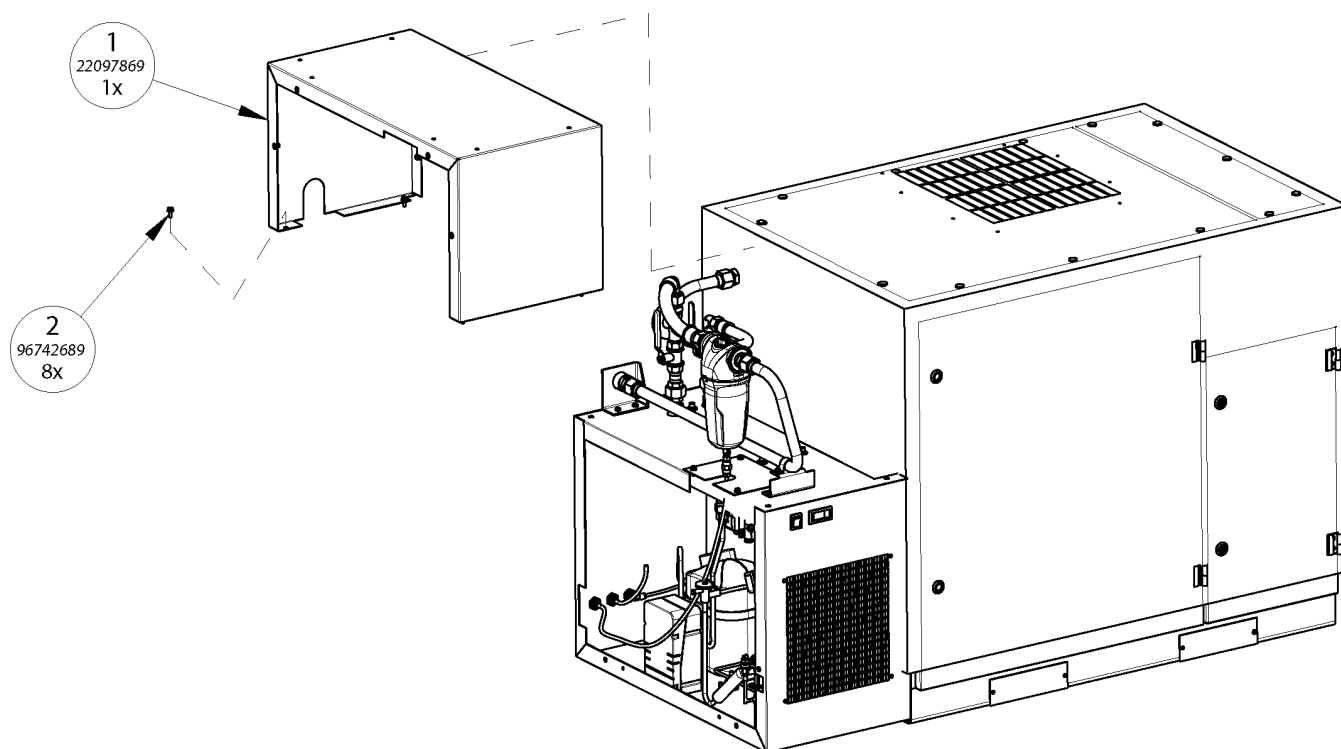
(Dwg. 22170997C5)

### PARTS LIST

| Item | Part No. | Description                  | Qty. |
|------|----------|------------------------------|------|
| 1    | 22134597 | HOOD, ODM EXHAUST            | 1    |
| 2    | 92368687 | TAPTITE SCREW M6-1 x 12 LONG | 7    |

## DRYER SHEET METAL ASSEMBLY DRAWING AND PARTS LIST

### Assemble Dryer Left End Panel



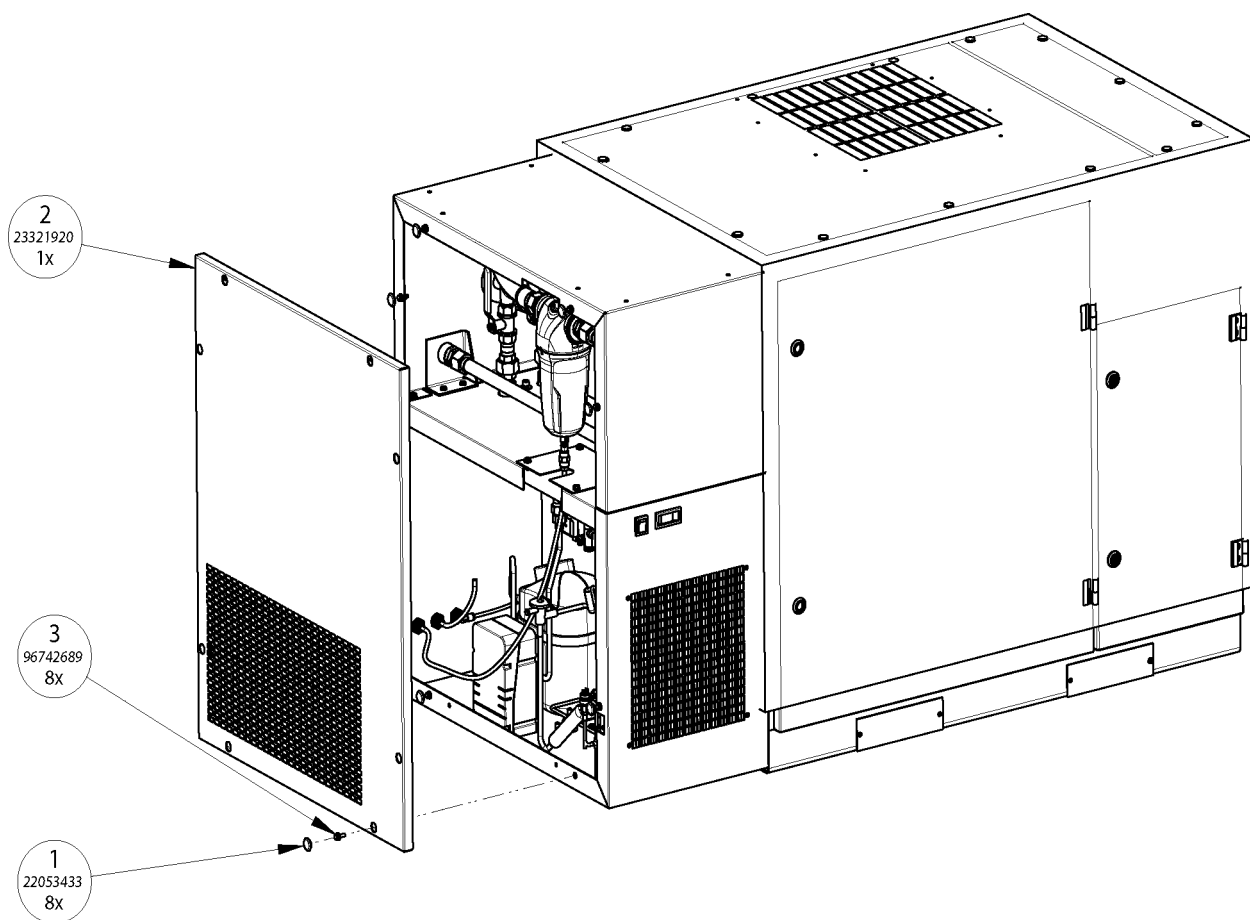
(Dwg. 22171011E2)

#### PARTS LIST

| Item | Part No. | Description                     | Qty. |
|------|----------|---------------------------------|------|
| 1    | 22097869 | COVER, DRYER TOP                | 1    |
| 2    | 96742689 | BOLT, HEX FLANGE M6-1 x 12 LONG | 8    |

# DRYER SHEET METAL ASSEMBLY DRAWING AND PARTS LIST

## Assemble Dryer Left End Panel



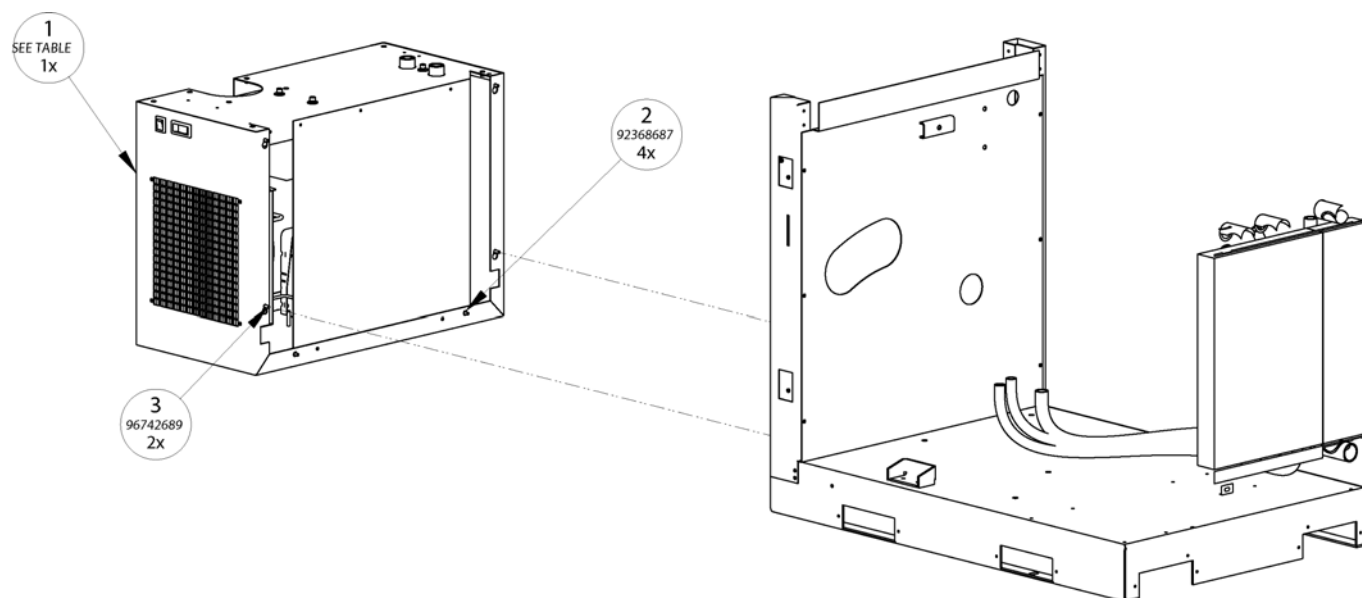
(Dwg. 22171011E3)

### PARTS LIST

| Item | Part No. | Description                                    | Qty. |
|------|----------|------------------------------------------------|------|
| 1    | 22053433 | CAP, PLASTIC 18 mm HOLE                        | 8    |
| 2    | 23321920 | ASSEMBLY, DRYER PANEL (SHEET METAL/FOAM) (OMI) | 1    |
| 3    | 96742689 | BOLT, HEX FLANGE M6-1 x16 LONG                 | 8    |

## DRYER PIPING ASSEMBLY DRAWING AND PARTS LIST

### Assemble Dryer Box to Enclosure



(Dwg. 22179618H2)

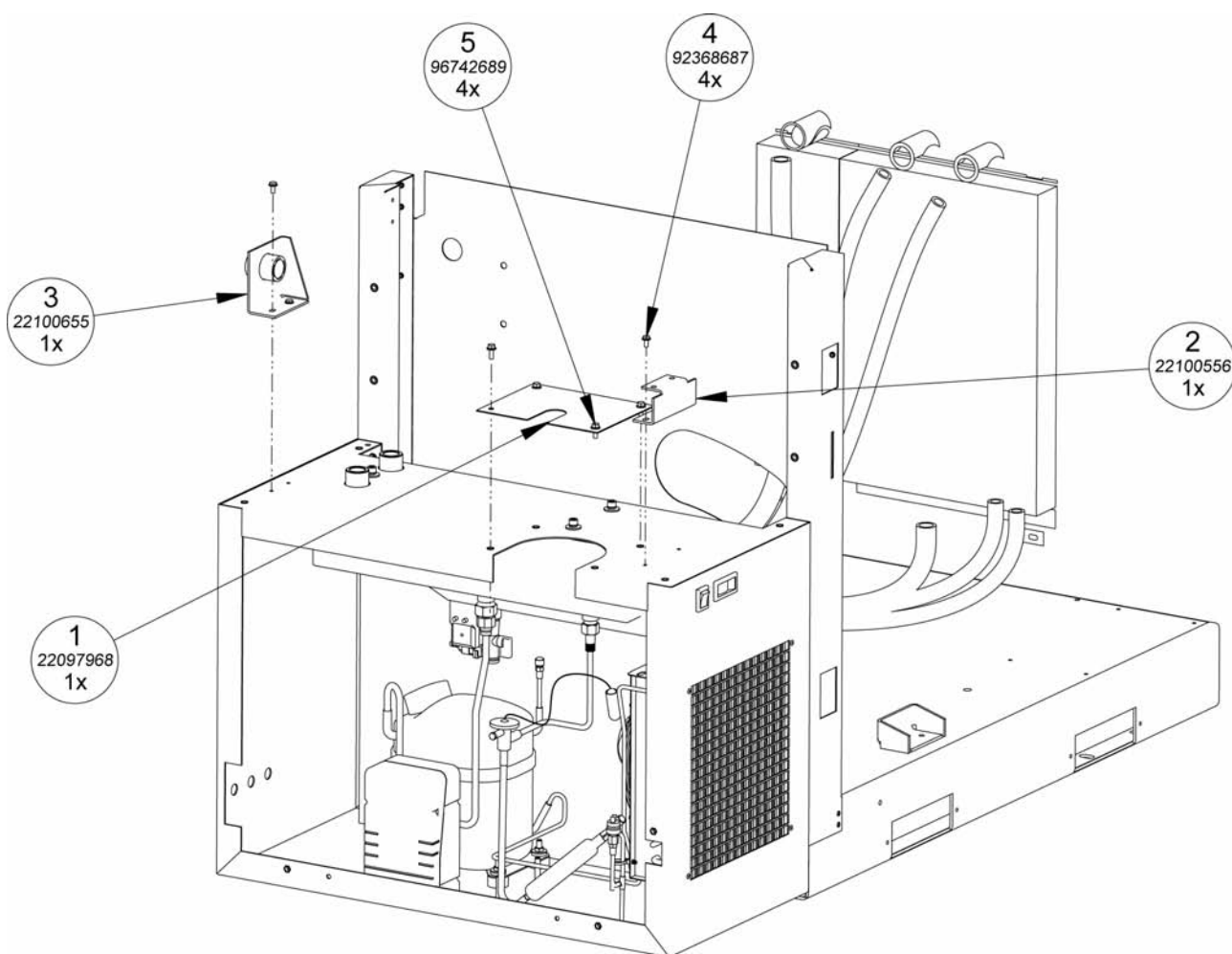
### PARTS LIST

| Item | Part No.  | Description                     | Qty. |
|------|-----------|---------------------------------|------|
| 1    | SEE TABLE | DRYER                           | 1    |
| 2    | 92368687  | TAPTITE SCREW M6-1 x 12 LONG    | 4    |
| 3    | 96742689  | BOLT, HEX FLANGE M6-1 x 16 LONG | 2    |

| Table For Dryer Configuration |                             |
|-------------------------------|-----------------------------|
| P/N                           | Description                 |
| 23318082                      | DRYER, OMI 11-15 kW 50 Hz   |
| 23318090                      | DRYER, OMI 15-20 hp 60 Hz   |
| 23335631                      | DRYER, OMI 25-30 hp 60 Hz   |
| 23335672                      | DRYER, OMI 18.5-22 kW 50 Hz |

## DRYER PIPING ASSEMBLY DRAWING AND PARTS LIST

### Assemble Brackets



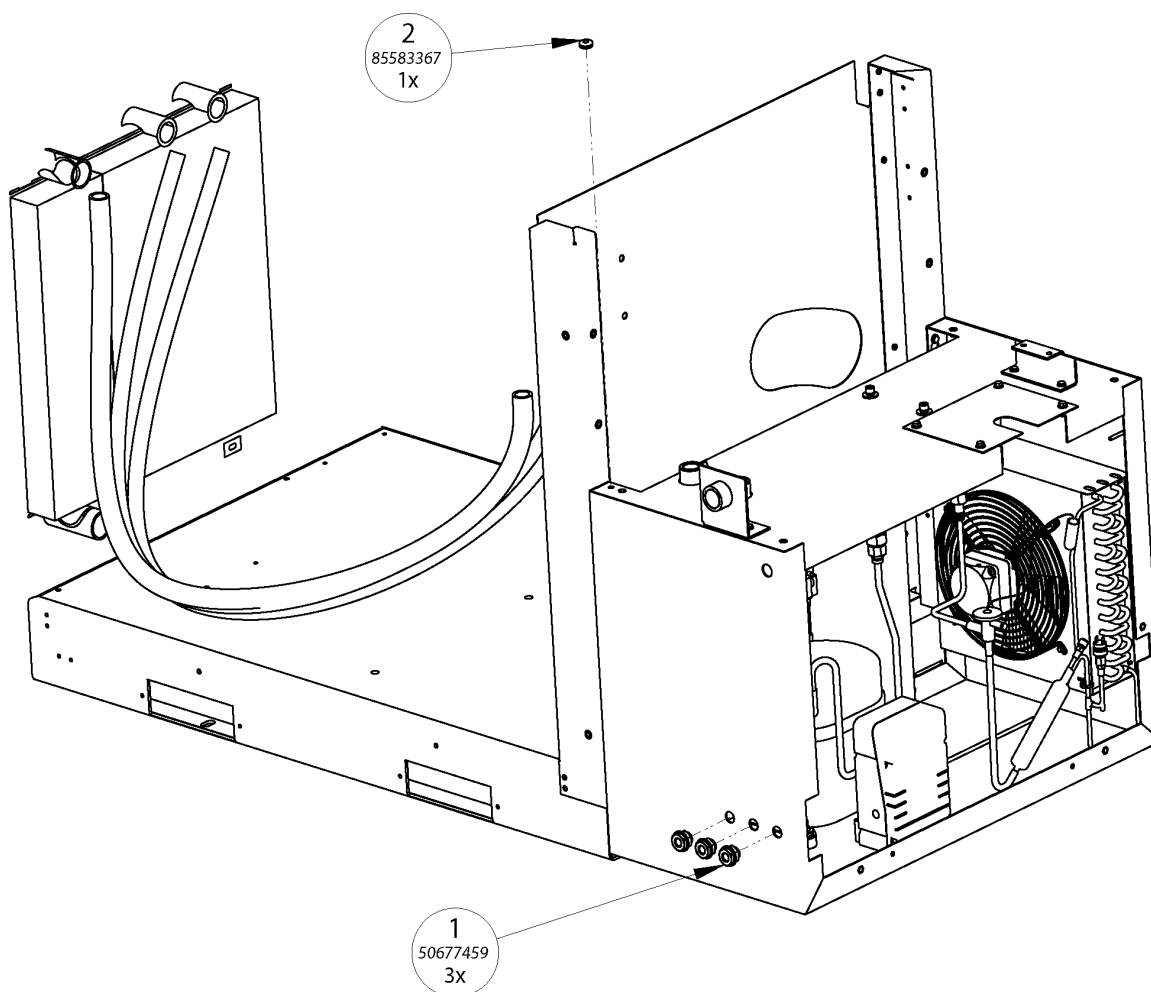
(Dwg. 22179618H3)

### PARTS LIST

| Item | Part No. | Description                                 | Qty. |
|------|----------|---------------------------------------------|------|
| 1    | 22097968 | COVER, AIR FILTER                           | 1    |
| 2    | 22100556 | SUPPORT, DRYER DISCHARGE PIPING             | 1    |
| 3    | 22100655 | BRACKET, DRYER PIPING DISCHARGE (1.00 BSPT) | 1    |
| 4    | 92368687 | TAPTITE SCREW M6-1 x 12 LONG                | 4    |
| 5    | 96742689 | BOLT, HEX FLANGE M6-1 x 16 LONG             | 4    |

## DRYER PIPING ASSEMBLY DRAWING AND PARTS LIST

### Assemble Grommet and Bulk Head Fittings



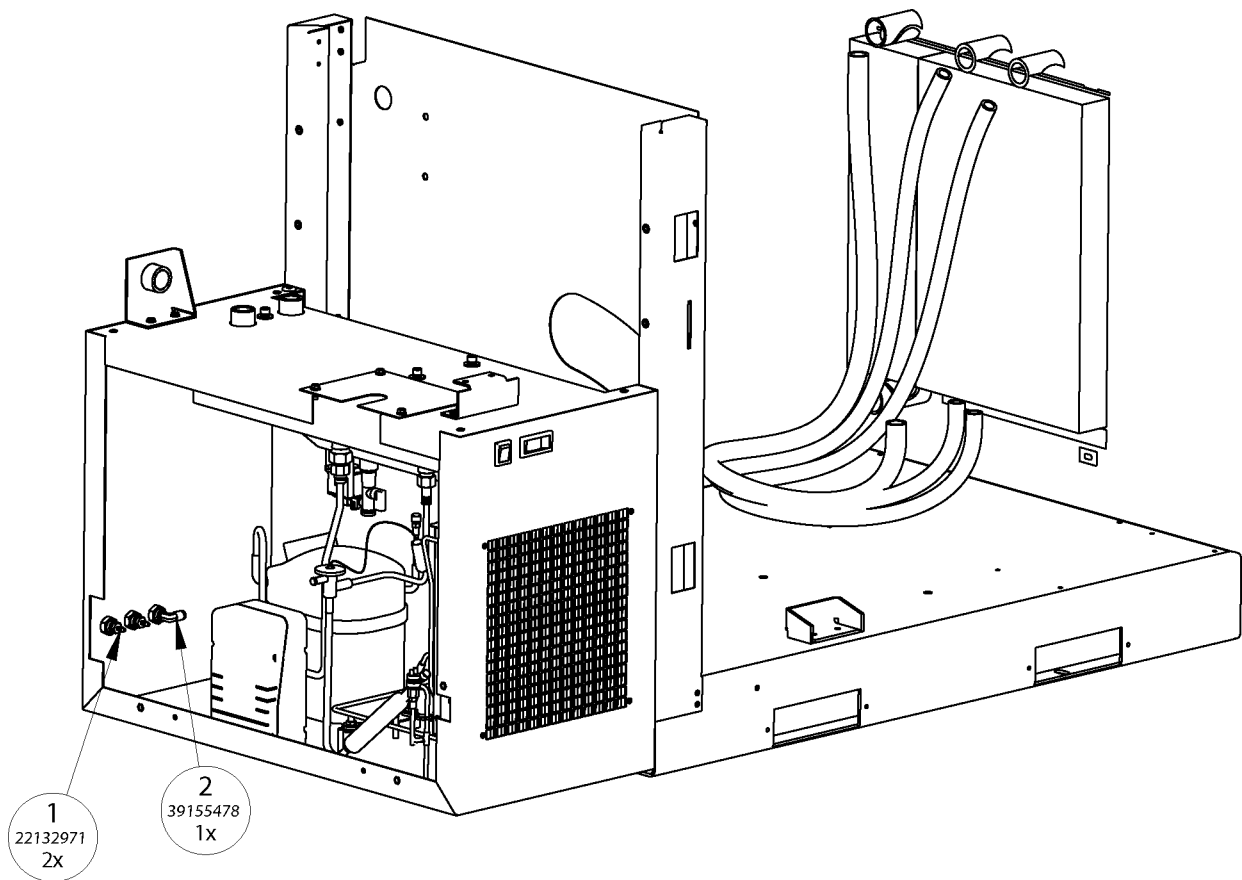
(Dwg. 22179618H4)

### PARTS LIST

| Item | Part No. | Description                           | Qty. |
|------|----------|---------------------------------------|------|
| 1    | 50677459 | ADAPTER, BULKHEAD 0.25 NPT x 0.75 UNF | 3    |
| 2    | 85583367 | GROMMET, INSULATION 0.3125 INCH I.D.  | 1    |

## DRYER PIPING ASSEMBLY DRAWING AND PARTS LIST

### Assemble Drain Line Fittings



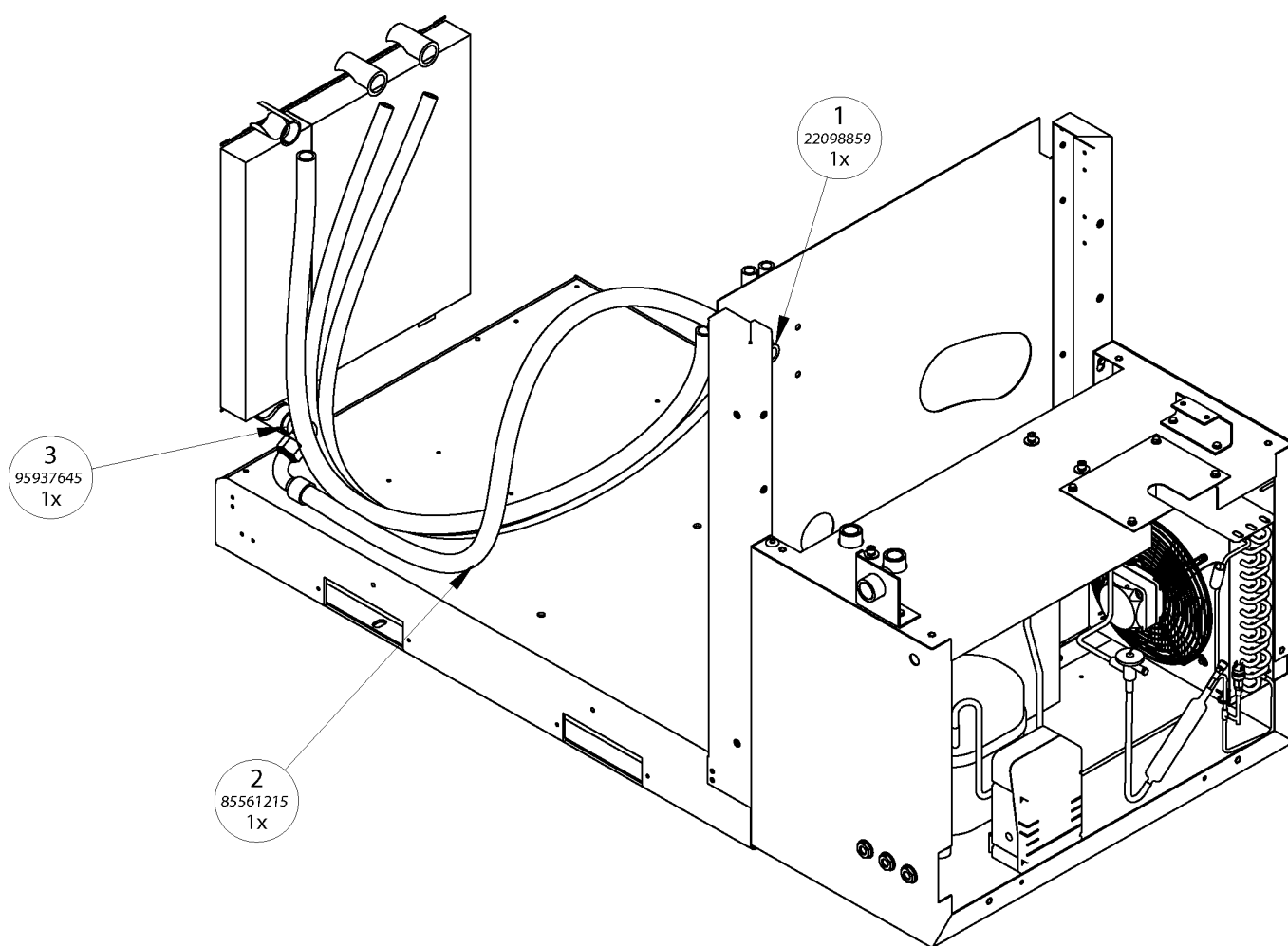
(Dwg. 22179618H5)

### PARTS LIST

| Item | Part No. | Description                          | Qty. |
|------|----------|--------------------------------------|------|
| 1    | 22132971 | CONNECTOR, 8 mm TUBE (BARB) 0.25 NPT | 2    |
| 2    | 39155478 | ELBOW, 0.25 NPT x 0.25 INCH TUBING   | 1    |

## DRYER PIPING ASSEMBLY DRAWING AND PARTS LIST

### Assemble Hose from Cooler to Moisture Separator



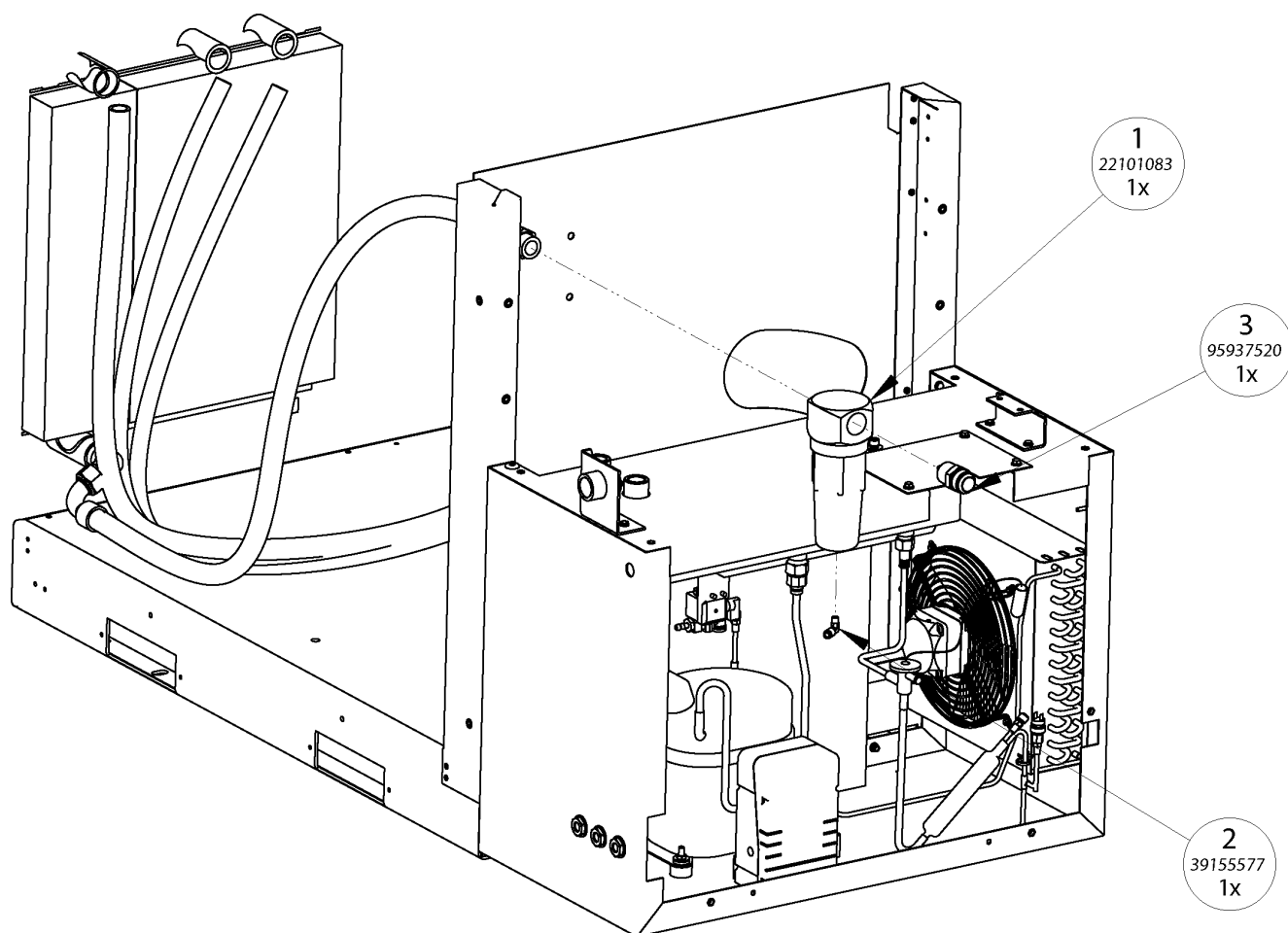
(Dwg. 22179618H6)

#### PARTS LIST

| Item | Part No. | Description                          | Qty. |
|------|----------|--------------------------------------|------|
| 1    | 22098859 | CONNECTOR, 8 mm TUBE (BARB) 0.25 NPT | 1    |
| 2    | 85561215 | ELBOW, 0.25 NPT x 0.25 INCH TUBING   | 1    |
| 3    | 95937645 | ELBOW, 1.00 INCH TUBE x 1.00 NPT     | 1    |

## DRYER PIPING ASSEMBLY DRAWING AND PARTS LIST

### Assemble Moisture Separator



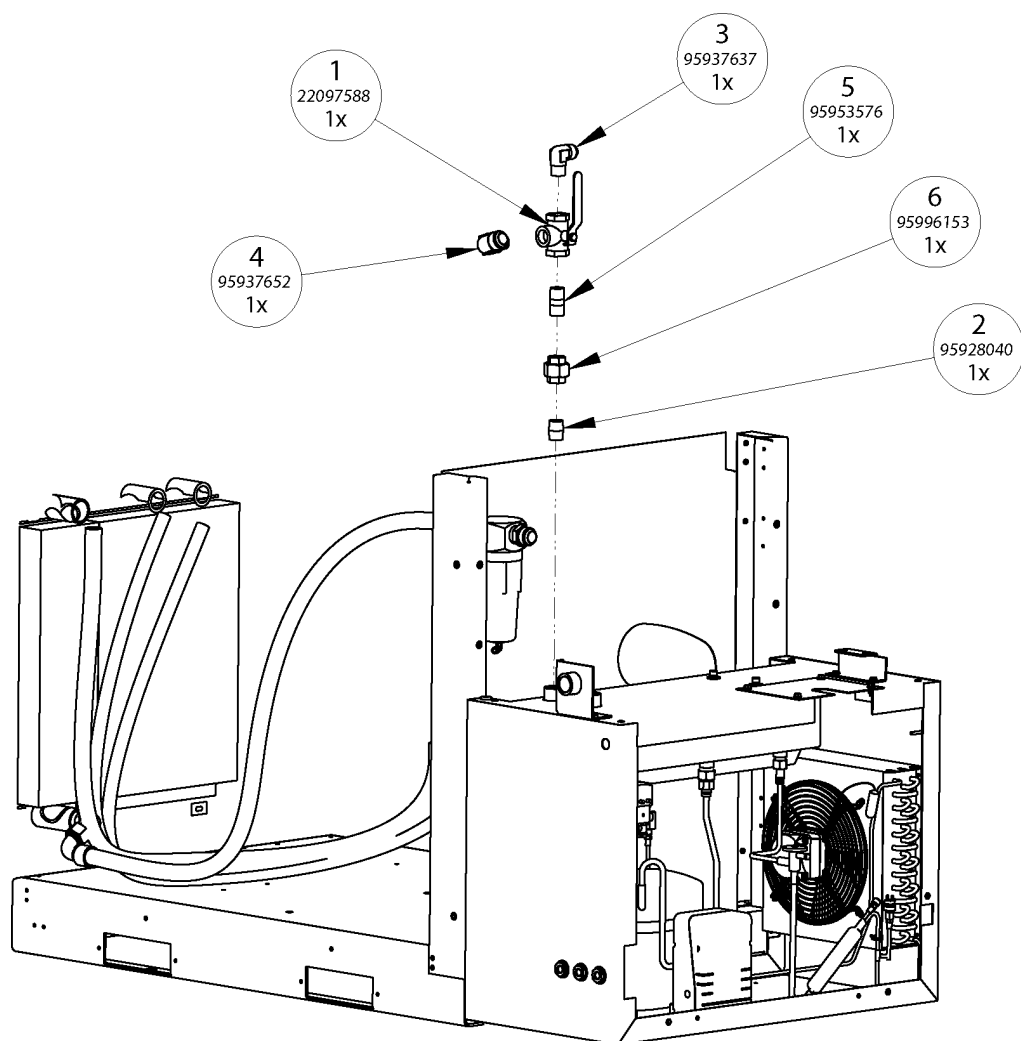
(Dwg. 22179618H7)

#### PARTS LIST

| Item | Part No. | Description                          | Qty. |
|------|----------|--------------------------------------|------|
| 1    | 22101083 | SEPARATOR, MOISTURE(1.0 NPT)         | 1    |
| 2    | 39155577 | ELBOW, 0.13 NPT x 0.25 INCH TUBING   | 1    |
| 3    | 95937520 | CONNECTOR, 1.00 INCH TUBE x 1.00 NPT | 1    |

## DRYER PIPING ASSEMBLY DRAWING AND PARTS LIST

### Assemble Dryer Piping



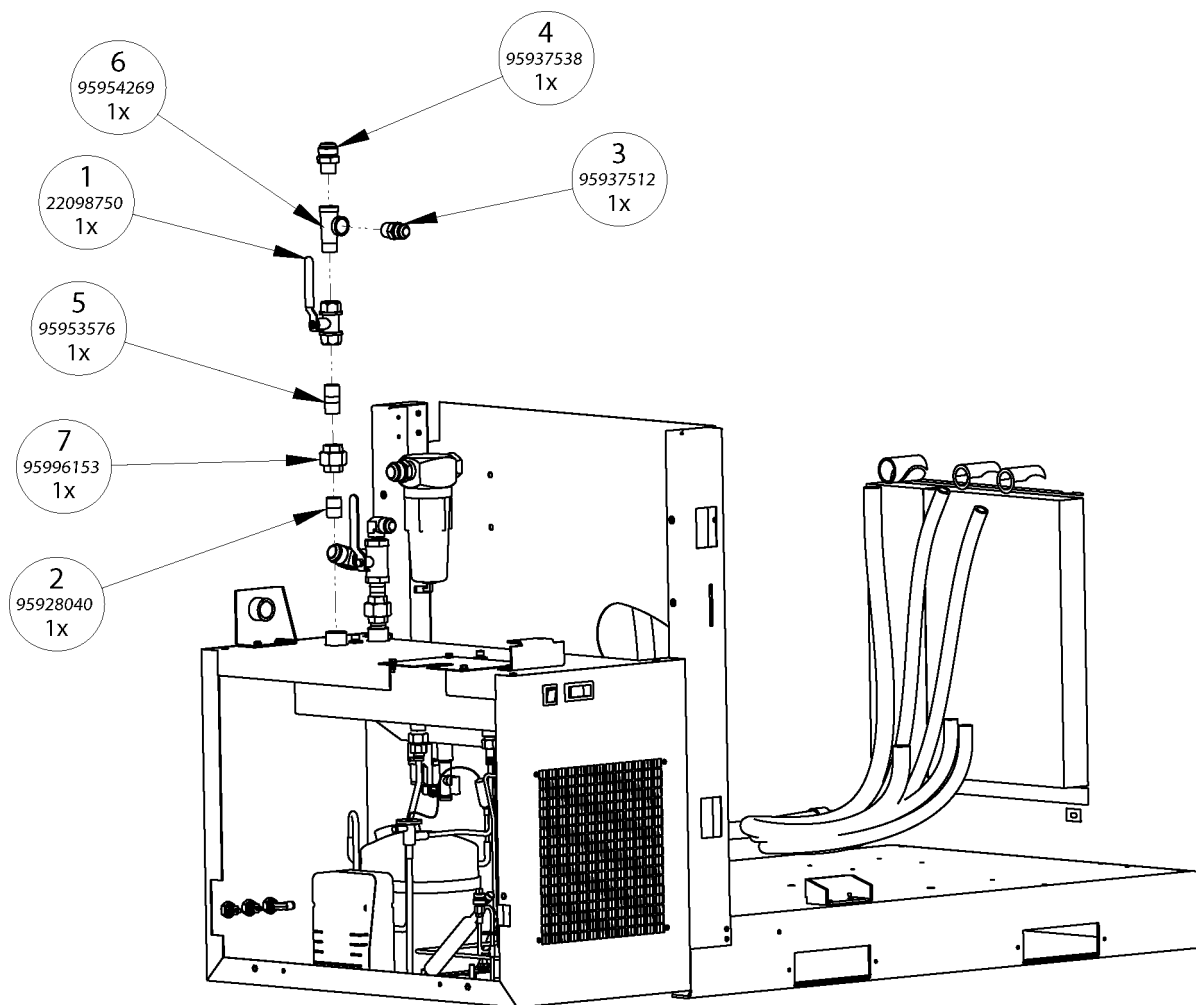
(Dwg. 22179618H8)

### PARTS LIST

| Item | Part No. | Description                                    | Qty. |
|------|----------|------------------------------------------------|------|
| 1    | 22097588 | VALVE, 3-WAY BALL 0.75 FNPT                    | 1    |
| 2    | 95928040 | NIPPLE, EXTRA STRONG 0.75 NPT x 1.38 INCH LONG | 1    |
| 3    | 95937637 | ELBOW, 0.75 INCH TUBE x 0.75 NPT               | 1    |
| 4    | 95937652 | ELBOW, 1.00 INCH TUBE x 0.75 NPT               | 1    |
| 5    | 95953576 | NIPPLE, EXTRA STRONG 0.75 NPT x 2 INCH LONG    | 1    |
| 6    | 95996153 | UNION, FEMALE 0.75 NPT                         | 1    |

## DRYER PIPING ASSEMBLY DRAWING AND PARTS LIST

### Assemble Dryer Piping



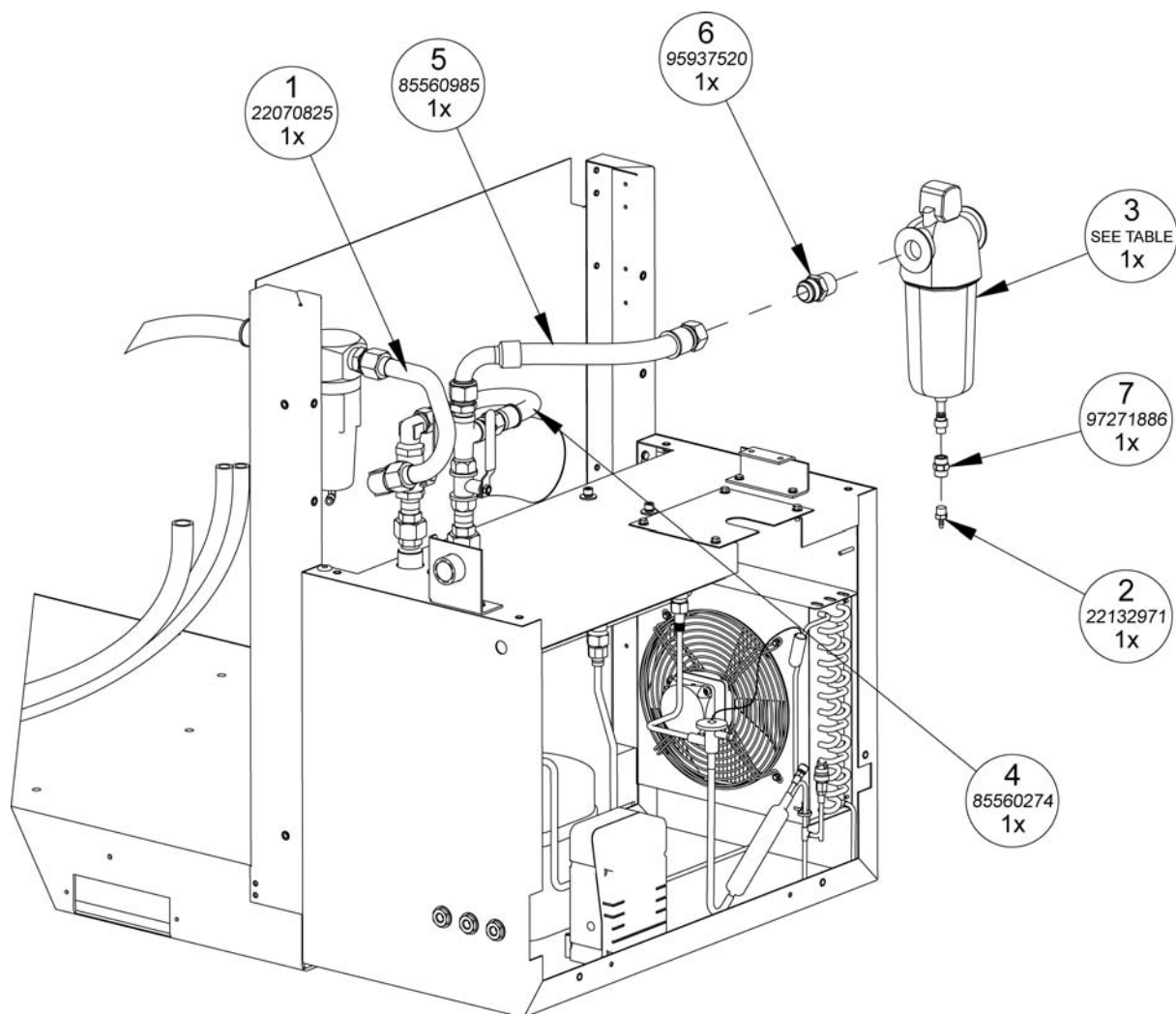
(Dwg. 22179618H9)

### PARTS LIST

| Item | Part No. | Description                                    | Qty. |
|------|----------|------------------------------------------------|------|
| 1    | 22098750 | VALVE, BALL 0.75 FNPT                          | 1    |
| 2    | 95928040 | NIPPLE, EXTRA STRONG 0.75 NPT x 1.38 INCH LONG | 1    |
| 3    | 95937512 | CONNECTOR, 0.75 INCH TUBE x 0.75 NPT           | 1    |
| 4    | 95937538 | CONNECTOR, 1.00 INCH TUBE x 0.75 NPT           | 1    |
| 5    | 95953576 | NIPPLE, EXTRA STRONG 0.75 NPT x 2 INCH LONG    | 1    |
| 6    | 95954269 | TEE, 0.75 FNPT x 0.75 NPT                      | 1    |
| 7    | 95996153 | UNION, 0.75 FNPT                               | 1    |

## DRYER PIPING ASSEMBLY DRAWING AND PARTS LIST

### Assemble Air Filter and Piping



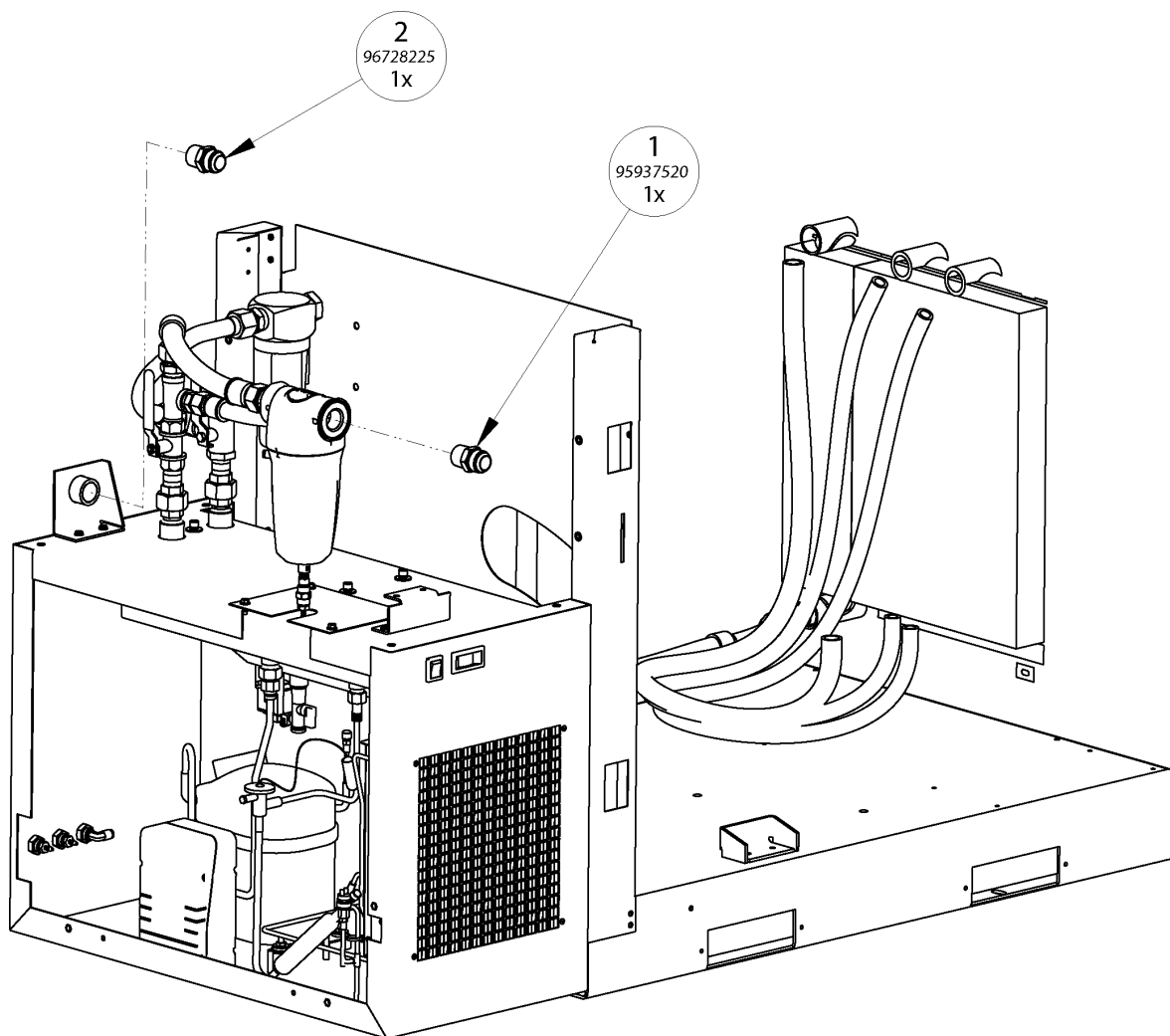
(Dwg. 22179618H10)

### PARTS LIST

| Item | Part No. | Description                                             | Qty. |
|------|----------|---------------------------------------------------------|------|
| 1    | 22070825 | TUBE, DRYER INLET                                       | 1    |
| 2    | 22132971 | CONNECTOR, 8 mm TUBE (BARB) 0.25 NPT                    | 1    |
| 3    | 24233686 | FILTER (FA 230 IG), (F-CAST SERIES), (ELEMENT 24242141) | 1    |
|      | 85570588 | FILTER (DH IG), (ELIMINATOR SERIES), (ELEMENT 85565703) | 1    |
| 4    | 85560274 | HOSE, HYDRAULIC STR x STR -12 x 22 INCH LONG            | 1    |
| 5    | 85560985 | HOSE, HYDRAULIC 90 x STR -16 x 18 INCH LONG             | 1    |
| 6    | 95937520 | CONNECTOR, 1.00 INCH TUBE x 1.00 NPT                    | 1    |
| 7    | 97271886 | COUPLING, 0.25 NPT BRASS                                | 1    |

## DRYER PIPING ASSEMBLY DRAWING AND PARTS LIST

### Assemble Fittings



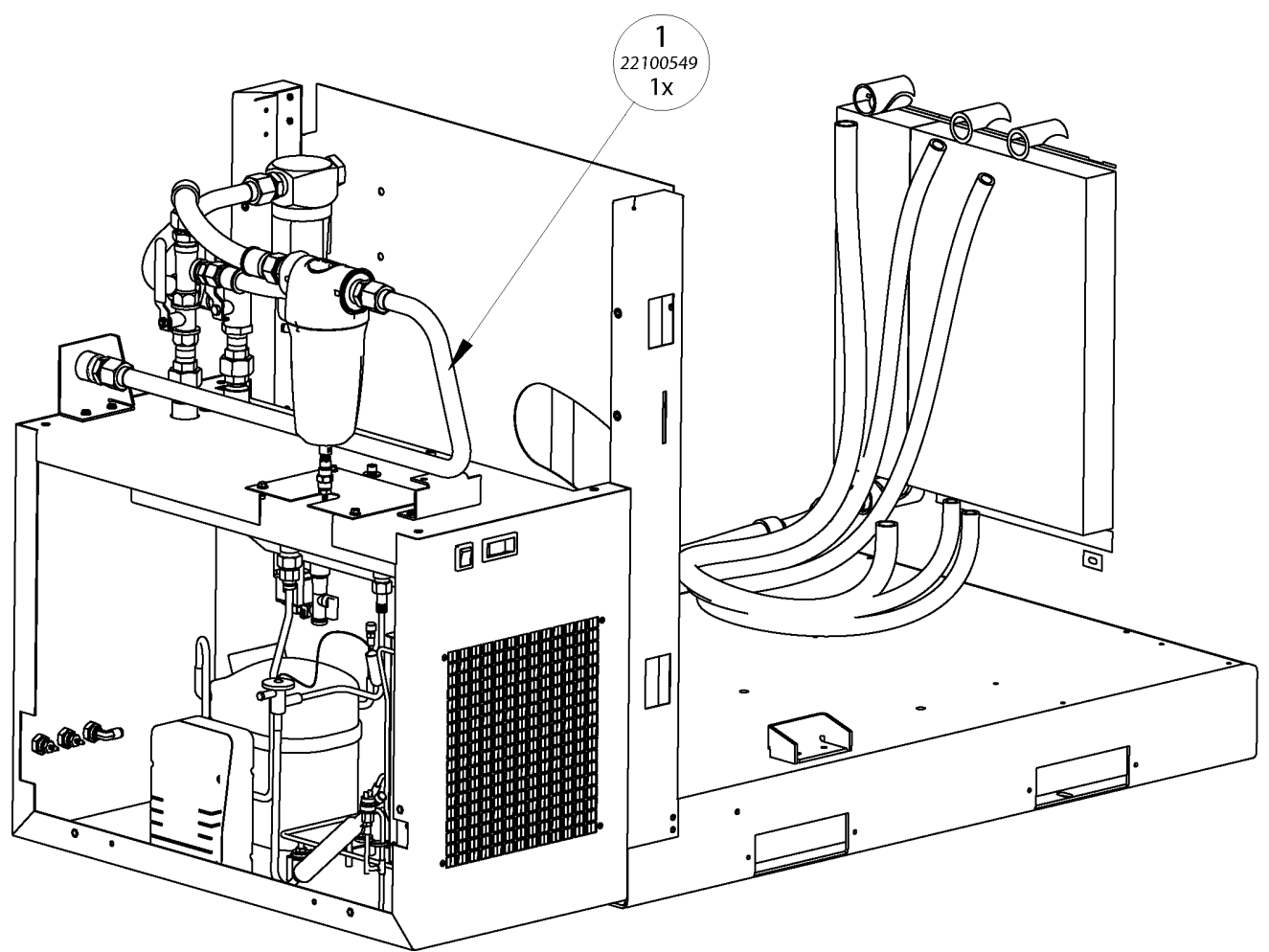
(Dwg. 22179618H11)

### PARTS LIST

| Item | Part No. | Description                           | Qty. |
|------|----------|---------------------------------------|------|
| 1    | 95937520 | CONNECTOR, 1.00 INCH TUBE x 1.00 NPT  | 1    |
| 2    | 96728225 | CONNECTOR, 1.00 INCH TUBE x 1.00 BSPT | 1    |

DRYER PIPING ASSEMBLY DRAWING AND PARTS LIST

Assemble Air Discharge Tube



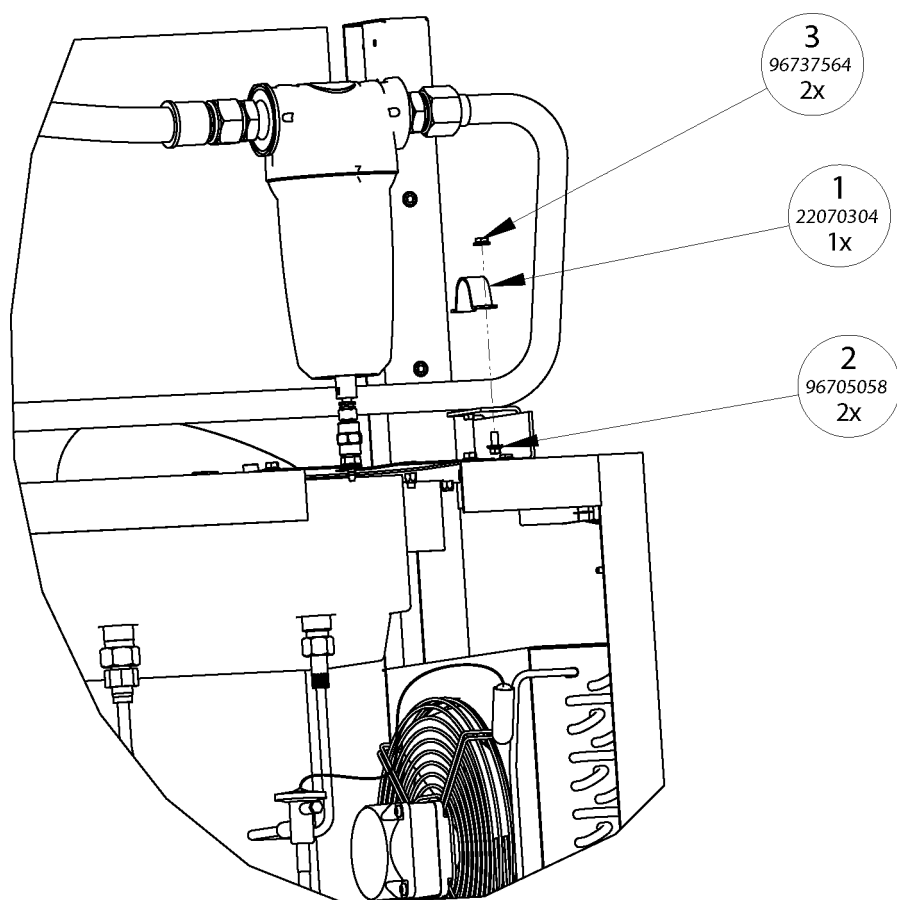
(Dwg. 22179618H12)

PARTS LIST

| Item | Part No. | Description           | Qty. |
|------|----------|-----------------------|------|
| 1    | 22100549 | TUBE, DRYER DISCHARGE | 1    |

## DRYER PIPING ASSEMBLY DRAWING AND PARTS LIST

### Assemble Tube Clamp



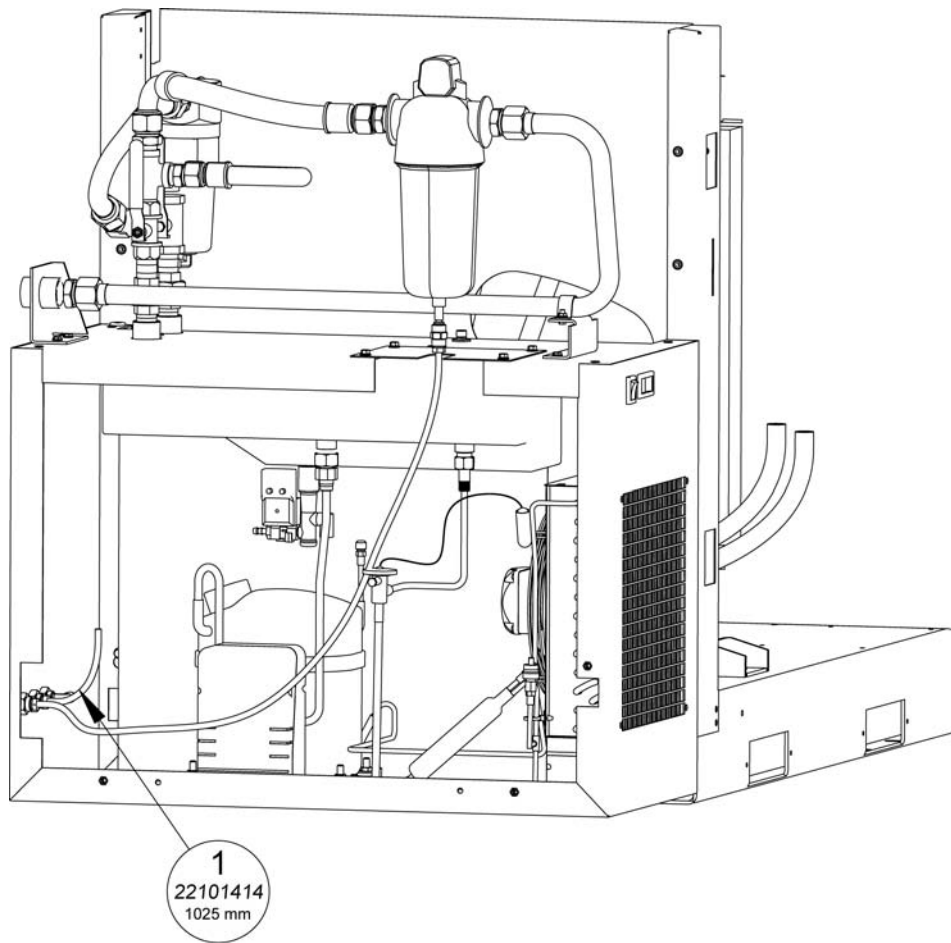
(Dwg. 22179618H13)

### PARTS LIST

| Item | Part No. | Description                         | Qty. |
|------|----------|-------------------------------------|------|
| 1    | 22070304 | CLAMP, STEEL RETAINING              | 1    |
| 2    | 96705058 | SCREW, HEX HEAD FLANGE M6 x 12 LONG | 2    |
| 3    | 96737564 | NUT, HEX FLANGE LOCK SERRATED M6-1  | 2    |

## DRYER PIPING ASSEMBLY DRAWING AND PARTS LIST

### Assemble 8 mm Tubing



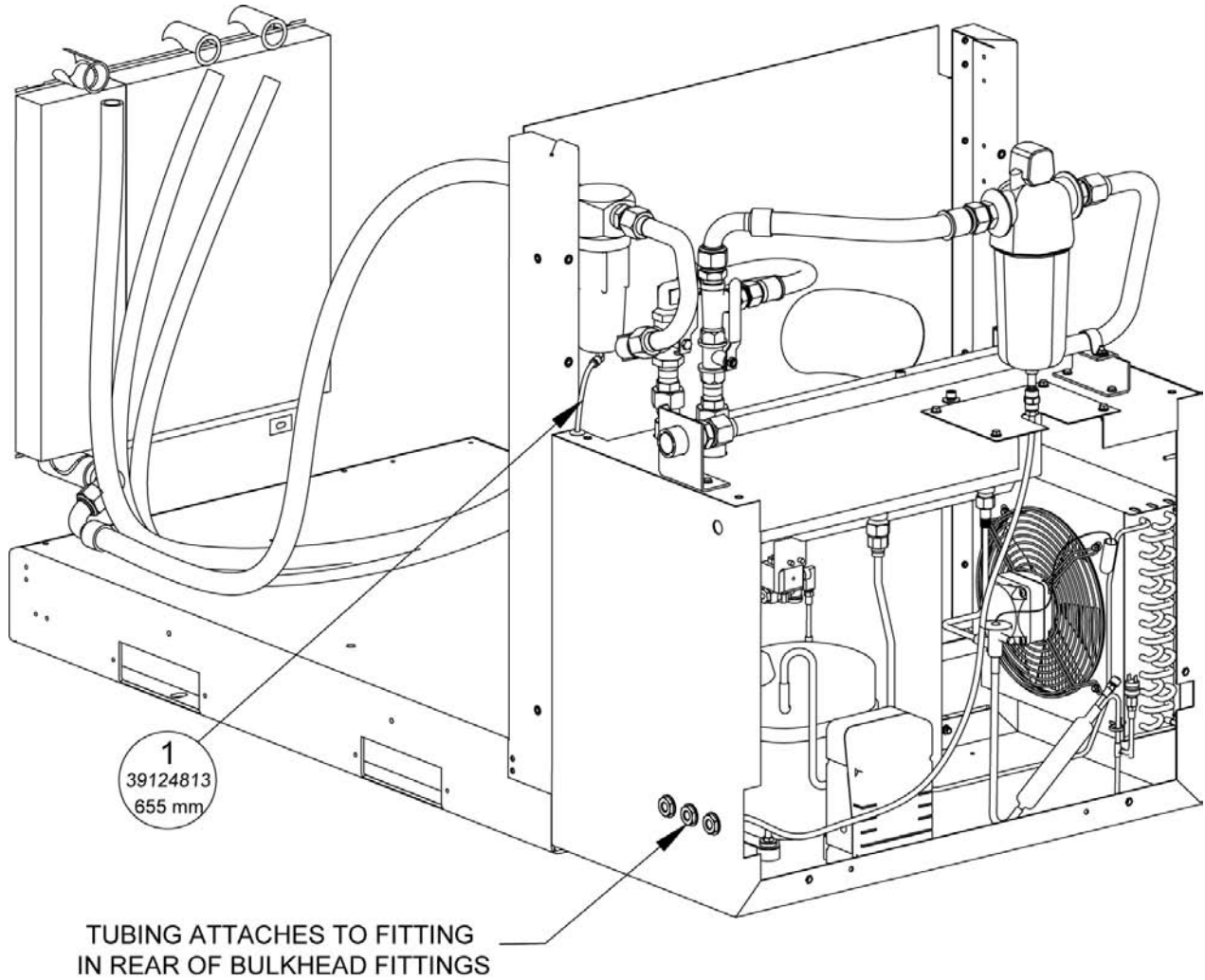
(Dwg. 22179618H14)

### PARTS LIST

| Item | Part No. | Description                     | Qty.    |
|------|----------|---------------------------------|---------|
| 1    | 22101414 | TUBING 8 mm (CLEAR VINYL - PVC) | 1025 mm |

## DRYER PIPING ASSEMBLY DRAWING AND PARTS LIST

### Assemble 0.25 Inch Tubing



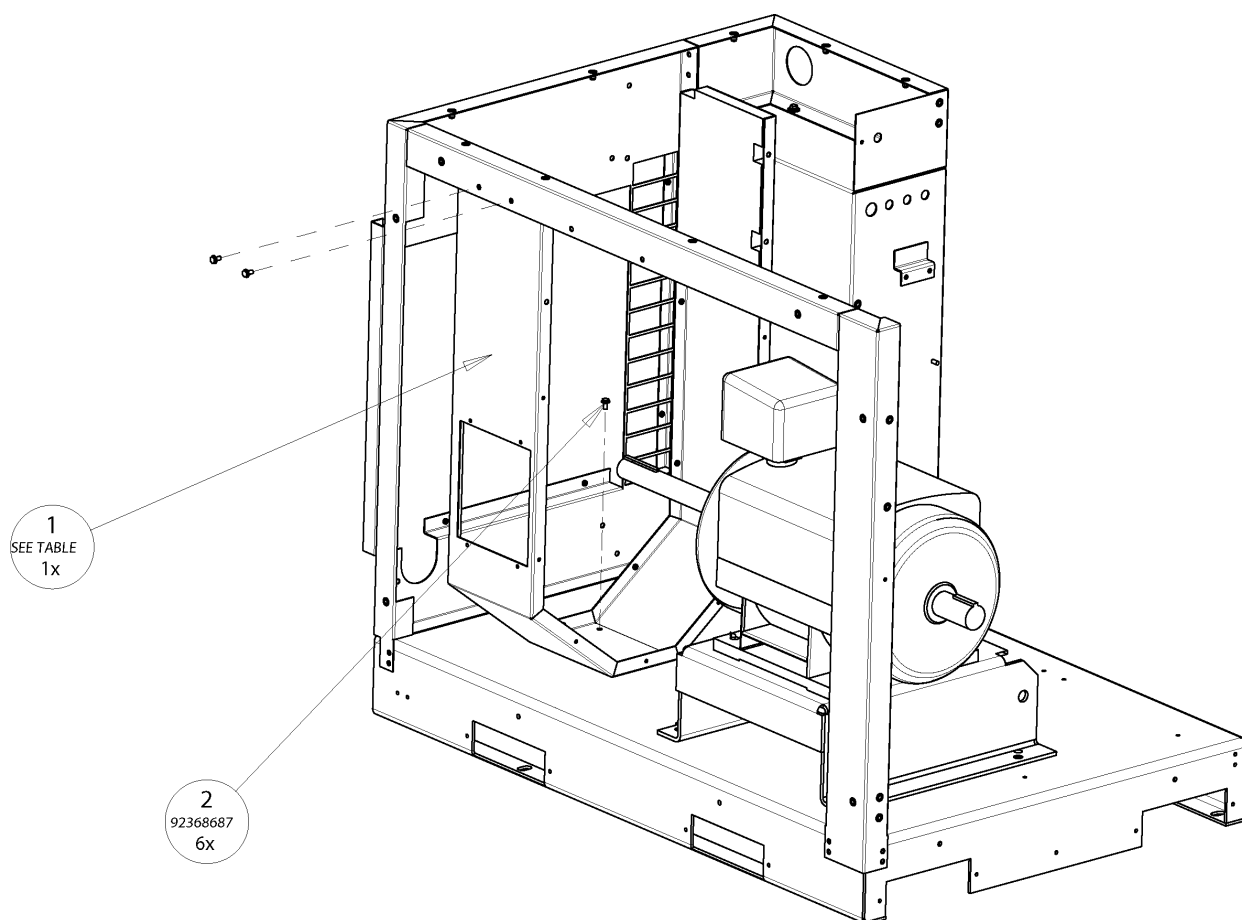
(Dwg. 22179618H15)

### PARTS LIST

| Item | Part No. | Description                | Qty.   |
|------|----------|----------------------------|--------|
| 1    | 39124813 | TUBING, 0.25 INCH SYNDFLEX | 655 mm |

# PLENUM/FAN ASSEMBLY DRAWING AND PARTS LIST

## Assemble Blower Shroud Assembly



(Dwg. 22173975E2)

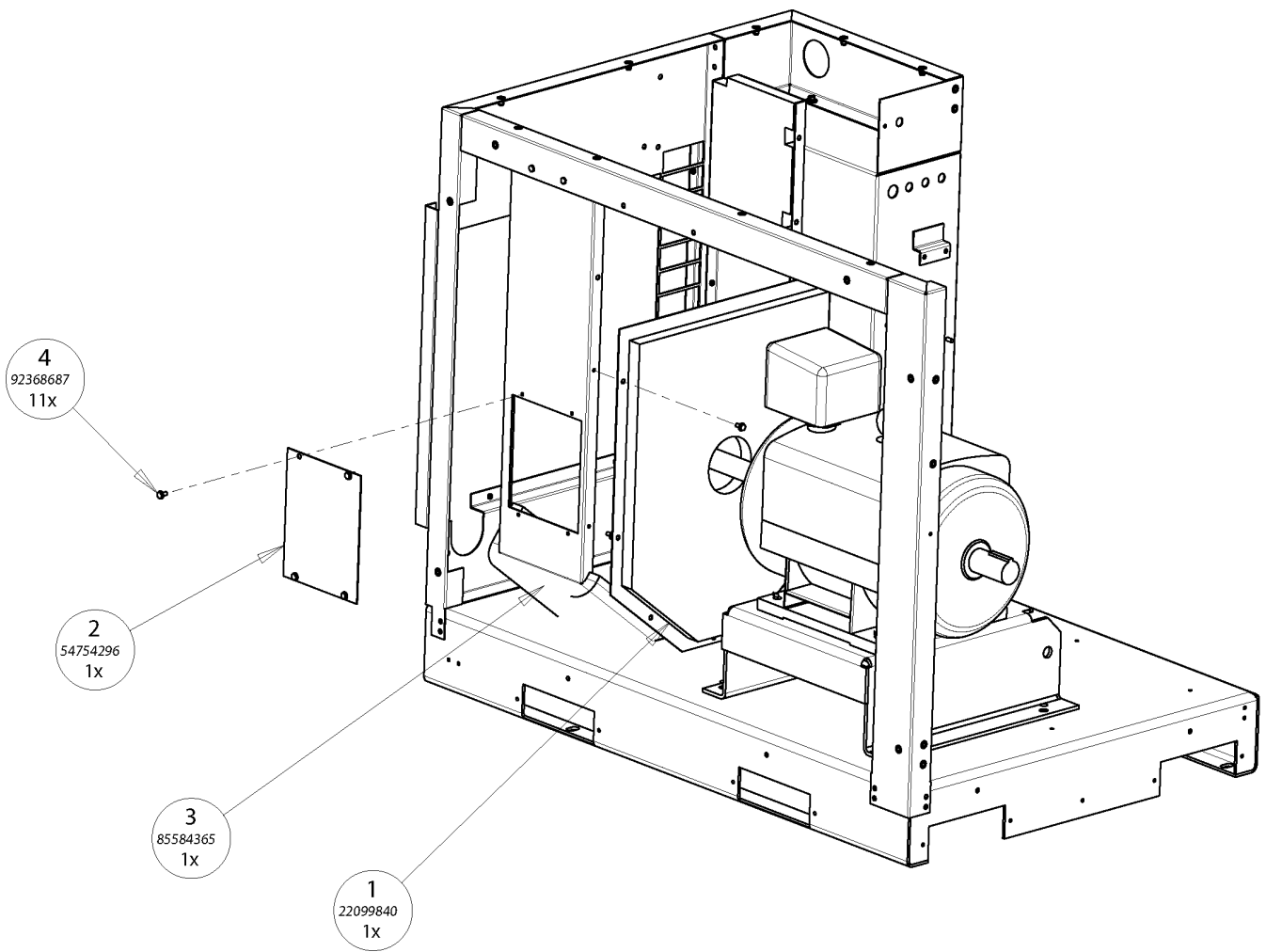
### PARTS LIST

| Item | Part No.  | Description                  | Qty. |
|------|-----------|------------------------------|------|
| 1    | SEE TABLE | ASSEMBLY, BLOWER SHROUD      | 1    |
| 2    | 92368687  | TAPTITE SCREW M6-1 x 12 LONG | 6    |

| Table For Shroud                   |          |
|------------------------------------|----------|
| Description                        | Shroud   |
| 11-15 kW / 50 Hz, 15-30 hp / 60 Hz | 22113195 |
| 18.5-22 kW / 50 Hz                 | 22099857 |

# PLENUM/FAN ASSEMBLY DRAWING AND PARTS LIST

## Assemble Shroud Covers



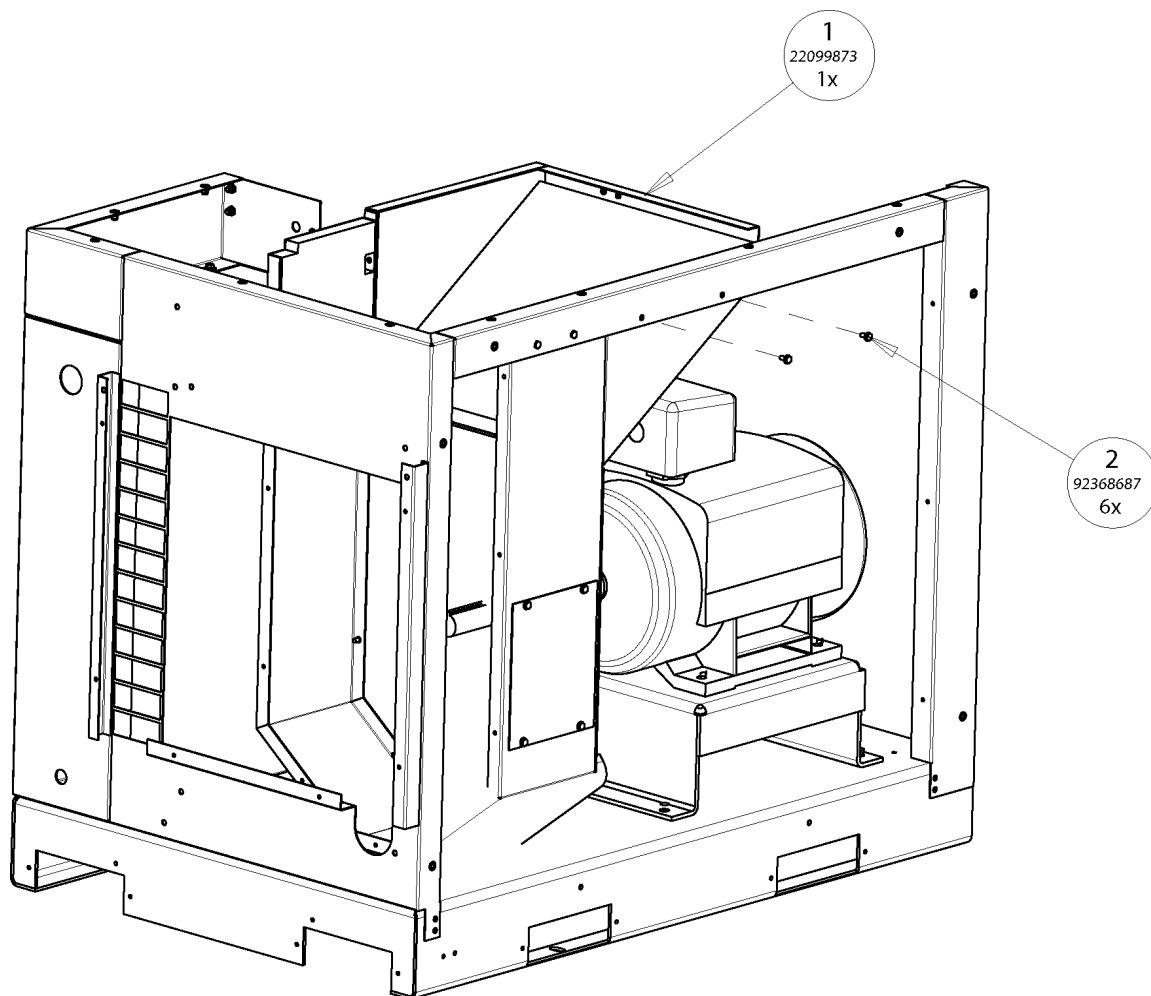
(Dwg. 22173975E3)

### PARTS LIST

| Item | Part No. | Description                  | Qty. |
|------|----------|------------------------------|------|
| 1    | 22099840 | ASSEMBLY, FAN COVER SHROUD   | 1    |
| 2    | 54754296 | COVER, ACCESS BLOWER         | 1    |
| 3    | 85584365 | FOAM, HOSE PROTECTION        | 1    |
| 4    | 92368687 | TAPTITE SCREW M6-1 x 12 LONG | 11   |

# PLENUM/FAN ASSEMBLY DRAWING AND PARTS LIST

## Assemble Exhaust Chute Assembly



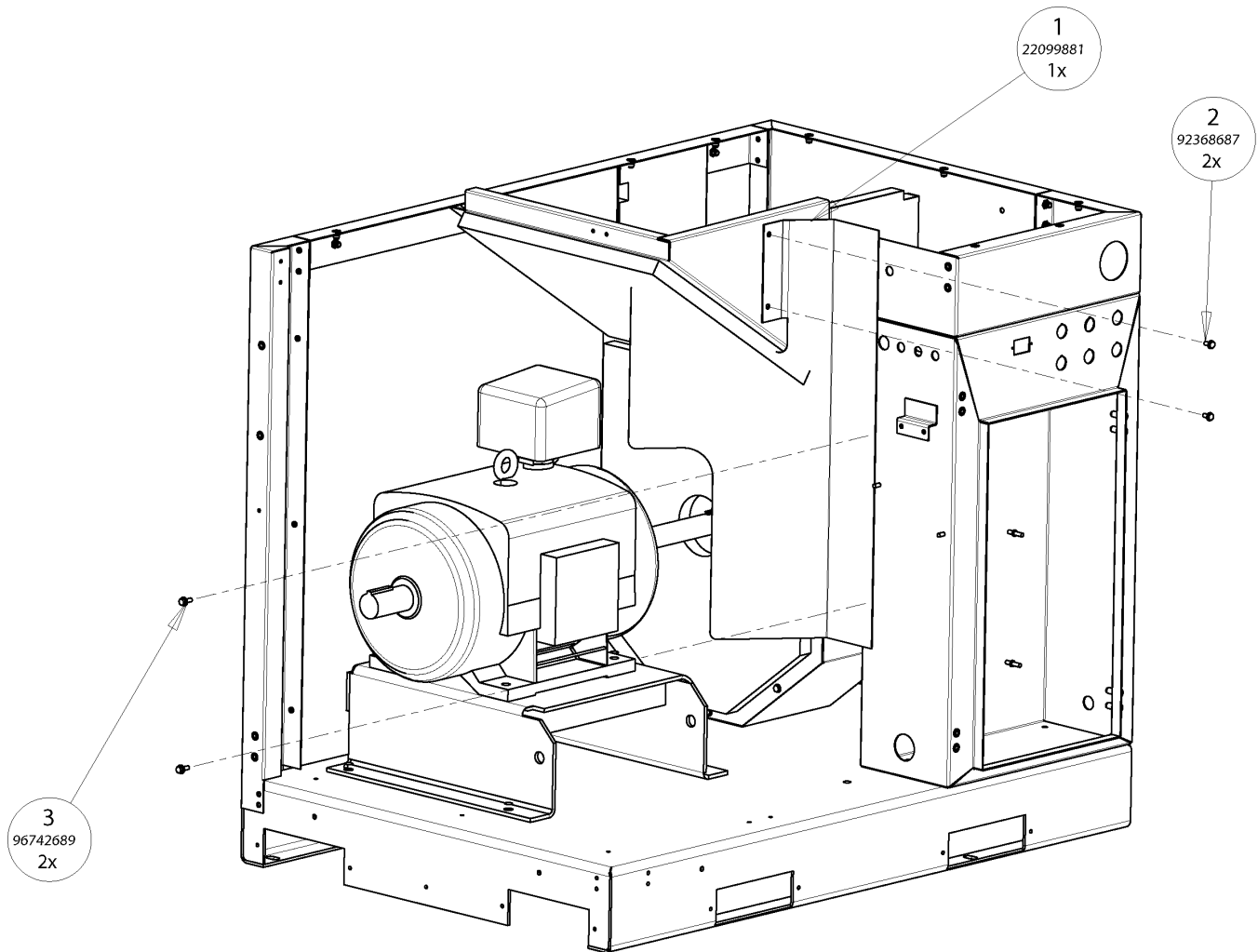
(Dwg. 22173975E4)

### PARTS LIST

| Item | Part No. | Description                  | Qty. |
|------|----------|------------------------------|------|
| 1    | 22099873 | ASSEMBLY, CHUTE              | 1    |
| 2    | 92368687 | TAPTITE SCREW M6-1 x 12 LONG | 6    |

# PLENUM/FAN ASSEMBLY DRAWING AND PARTS LIST

## Assemble Baffle Assembly



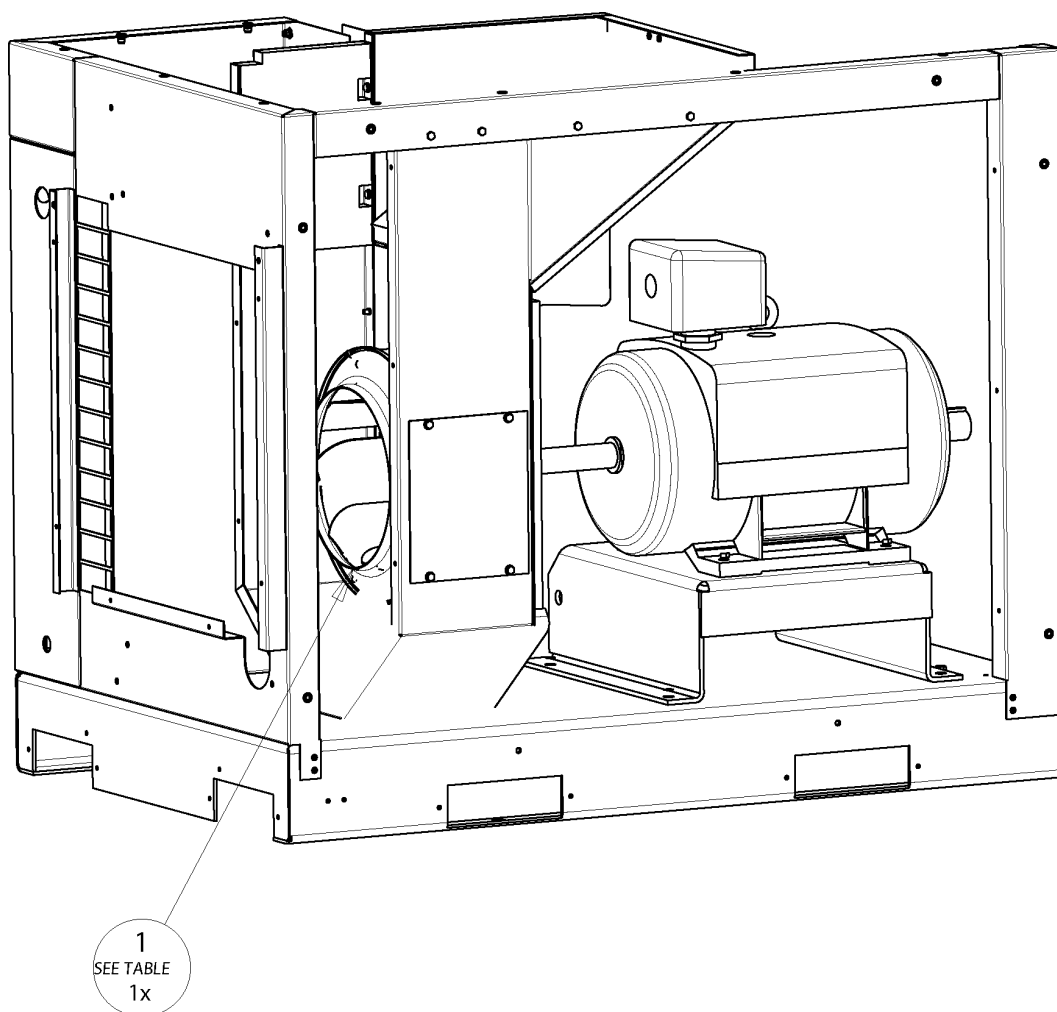
(Dwg. 22173975E5)

### PARTS LIST

| Item | Part No. | Description                         | Qty. |
|------|----------|-------------------------------------|------|
| 1    | 22099881 | ASSEMBLY, BAFFLE (SHEET METAL/FOAM) | 1    |
| 2    | 92368687 | TAPTITE SCREW M6-1 x 12 LONG        | 2    |
| 3    | 96742689 | BOLT, HEX FLANGE M6-1 x 16 LONG     | 2    |

# PLENUM/FAN ASSEMBLY DRAWING AND PARTS LIST

## Assemble Blower



(Dwg. 22173975E6)

### PARTS LIST

| Item | Part No.  | Description | Qty. |
|------|-----------|-------------|------|
| 1    | SEE TABLE | BLOWER      | 1    |

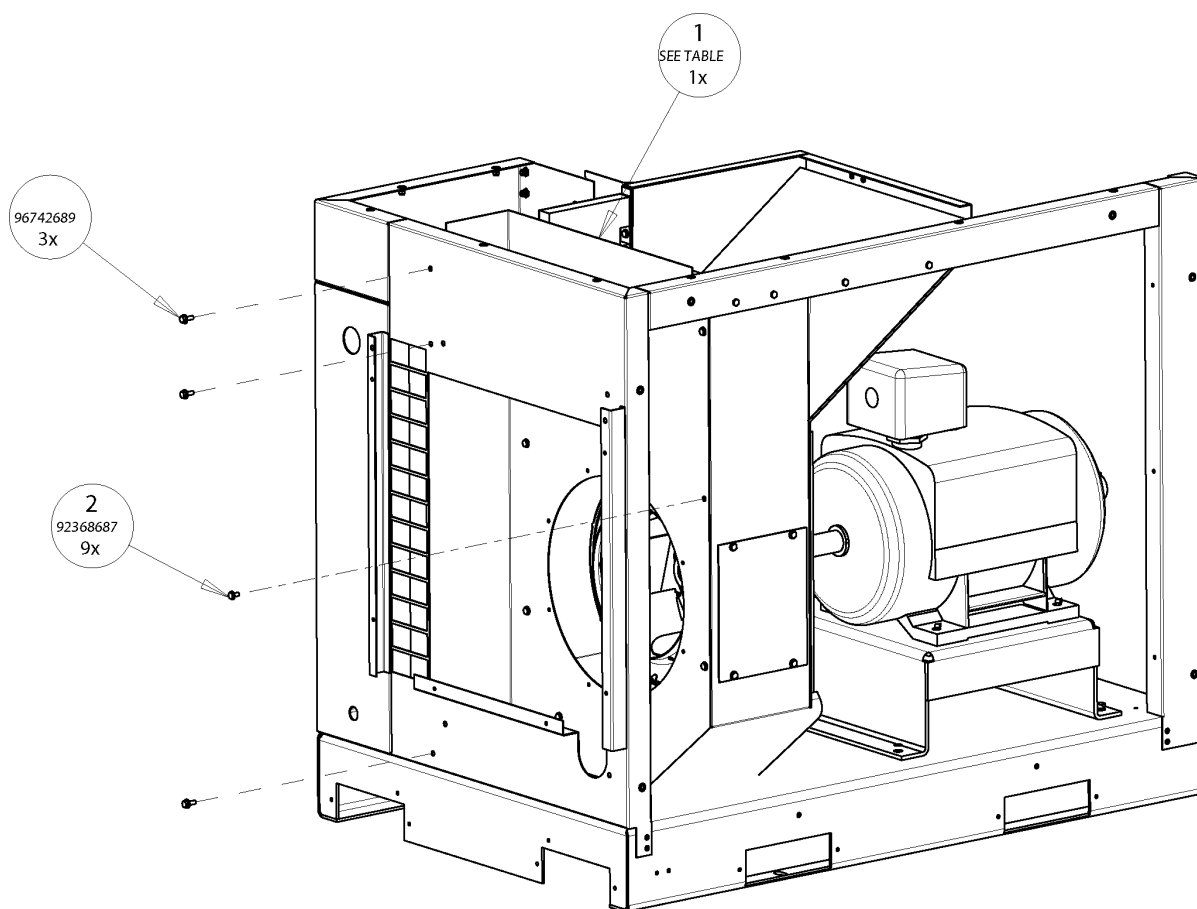
### NOTE:

**APPLY LOCTITE 242 (ALTERNATE LOCTITE 680) TO BLOWER SETSCREW, TORQUE TO 21 Nm.**

| Table For Blower                   |          |
|------------------------------------|----------|
| Description                        | Blower   |
| 18.5-22 kW / 50 Hz                 | 99295362 |
| 25-30 hp / 60 Hz                   | 99319329 |
| 11-15 kW / 50 Hz, 15-20 hp / 60 Hz | 99295354 |

## PLENUM/FAN ASSEMBLY DRAWING AND PARTS LIST

### Assemble Cooler Plenum



(Dwg. 22173975E7)

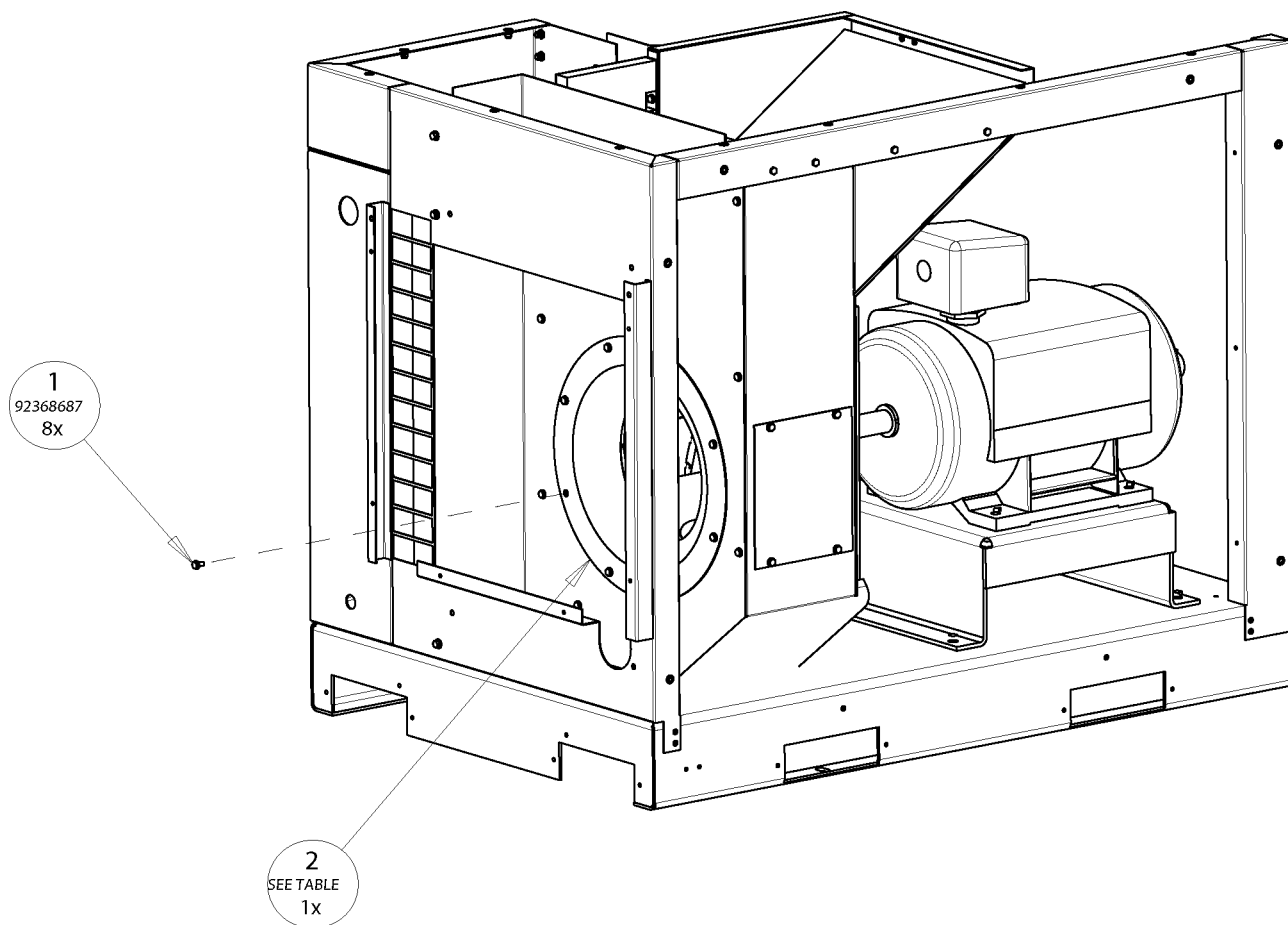
### PARTS LIST

| Item | Part No.  | Description                              | Qty. |
|------|-----------|------------------------------------------|------|
| 1    | SEE TABLE | ASSEMBLY, PLENUM WALL (SHEET METAL/FOAM) | 1    |
| 2    | 92368687  | TAPTITE SCREW M6-1 x 12 LONG             | 9    |
| 3    | 96742689  | BOLT, HEX FLANGE M6-1 x 16 LONG          | 3    |

| Table For Plenum                   |          |
|------------------------------------|----------|
| Description                        | Plenum   |
| 18.5-22 kW / 50 Hz                 | 22099865 |
| 25-30 hp / 60 Hz                   | 22113203 |
| 11-15 kW / 50 Hz, 15-20 hp / 60 Hz | 22159099 |

# PLENUM/FAN ASSEMBLY DRAWING AND PARTS LIST

## Assemble Blower Cone



(Dwg. 22173975E8)

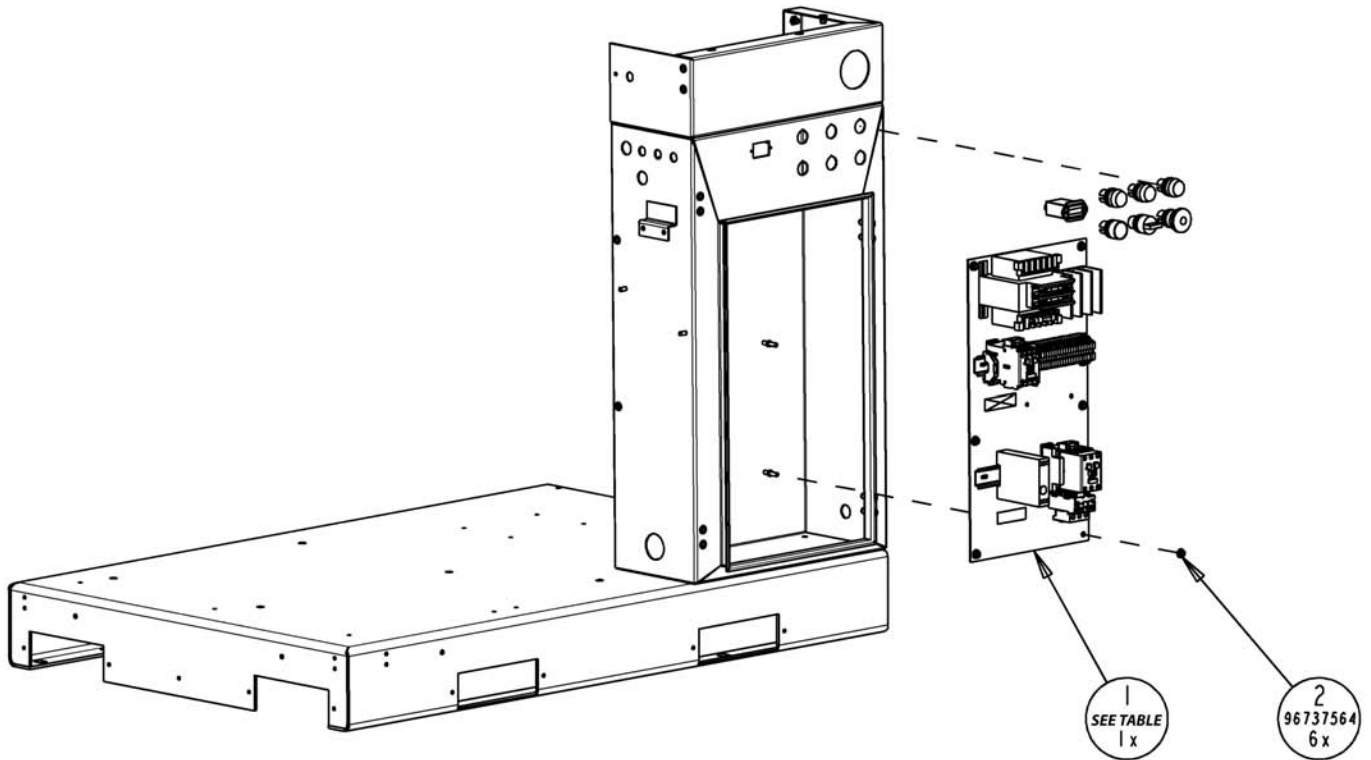
### PARTS LIST

| Item | Part No.  | Description                  | Qty. |
|------|-----------|------------------------------|------|
| 1    | 92368687  | TAPTITE SCREW M6-1 x 12 LONG | 8    |
| 2    | SEE TABLE | CONE, INLET                  | 1    |

| Table For Cone                      |          |
|-------------------------------------|----------|
| Description                         | Cone     |
| 18.5-22 kW / 50 Hz 25-30 hp / 60 Hz | 99295388 |
| 11-15 kW / 50 Hz 15-20 hp / 60 Hz   | 99295370 |

## STARTER ASSEMBLY DRAWING AND PARTS LIST

### Assemble Starter



(Dwg. 22171292A2)

### PARTS LIST

| Item | Part No.    | Description                         | Qty. |
|------|-------------|-------------------------------------|------|
| 1    | SEE TABLE 1 | ASSEMBLY, STARTER - NON- INTELLISYS | 1    |
|      | SEE TABLE 2 | ASSEMBLY, STARTER - INTELLISYS      | 1    |
| 2    | 96737564    | NUT, HEX FLANGE LOCK SERRATED M6    | 6    |

### ALTERNATE PARTS LIST 1 : NON-INTELLISYS STARTER ASSEMBLIES

| Item | Part No. | Description                                                              |
|------|----------|--------------------------------------------------------------------------|
| 1    | 22650568 | STARTER ASSEMBLY, 15 hp 575 V 60 Hz (AC-SD)                              |
|      | 32341877 | STARTER ASSEMBLY, 20/25 hp 440/460 V 60 Hz, 20-30 hp 575 V 60 Hz (AC-SD) |
|      | 81290462 | STARTER ASSEMBLY, 20 hp 380 V 60 Hz (AC-SD)                              |
|      | 81290470 | STARTER ASSEMBLY, 25/30 hp 380 V 60 Hz (AC-SD)                           |
|      | 32341885 | STARTER ASSEMBLY, 20 hp 220/230 V 60 Hz, 30 hp 440/460 V 60 Hz (AC-SD)   |
|      | 32341893 | STARTER ASSEMBLY, 20 hp 200 V 60 Hz, 25 hp 220/230 V 60 Hz (AC-SD)       |
|      | 32341901 | STARTER ASSEMBLY, 25/30 hp 200 V 60 Hz, 30 hp 220/230 V 60 Hz (AC-SD)    |
|      | 32341802 | STARTER ASSEMBLY, 15-30 hp 575 V 60 Hz (AC-FV)                           |
|      | 22317630 | STARTER ASSEMBLY, 15 hp 230/460 V 60 Hz (AC-FV)                          |

## STARTER ASSEMBLY DRAWING AND PARTS LIST

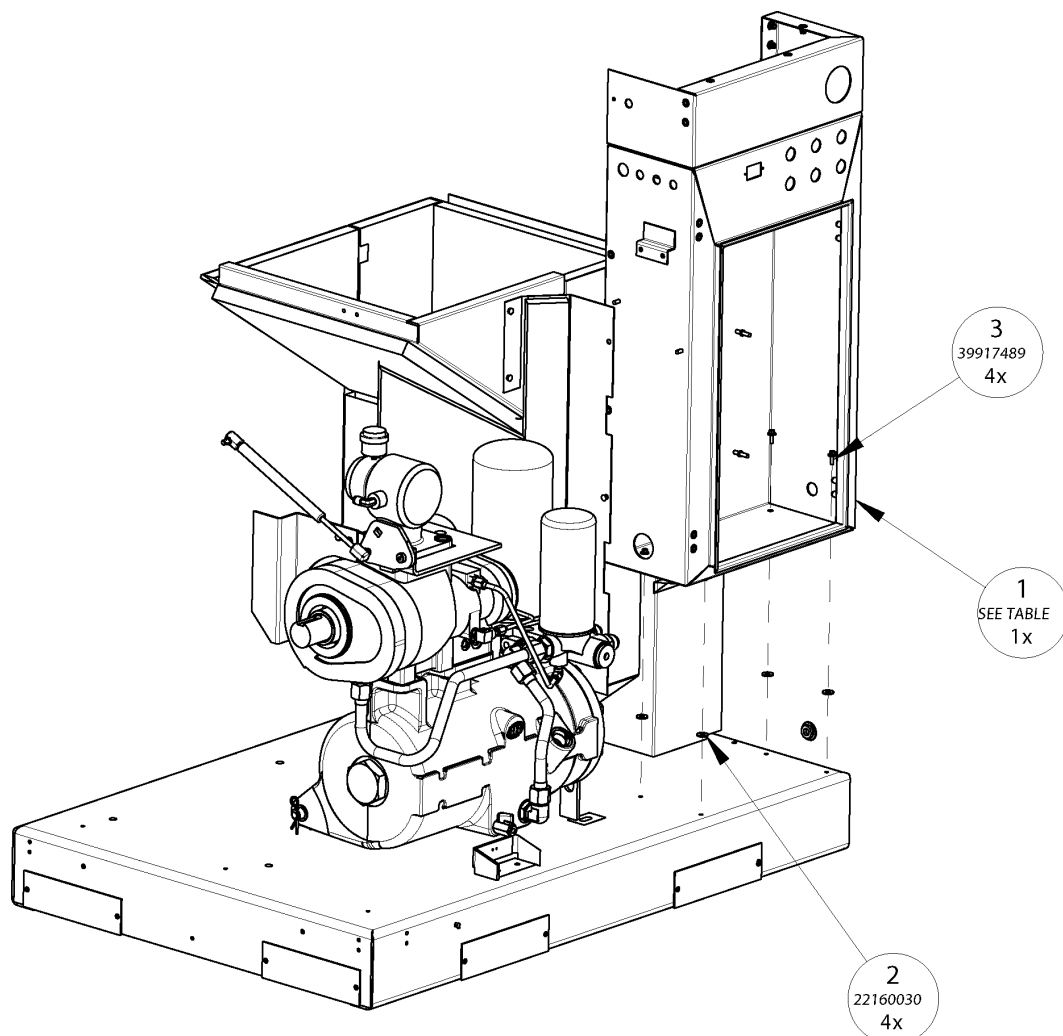
| Item | Part No. | Description                                                            |
|------|----------|------------------------------------------------------------------------|
| 1    | 32341810 | STARTER ASSEMBLY, 15-25 hp 200V 60Hz, 20-30 hp 230/460 V 60 Hz (AC-FV) |
|      | 32341828 | STARTER ASSEMBLY, 30 hp 200 V 60 Hz (AC-FV)                            |
|      | 22317531 | STARTER ASSEMBLY, 11-22 kW 550 V 50 Hz (AC-SD)                         |
|      | 32341836 | STARTER ASSEMBLY, 11/15 kW 400V 50 Hz (AC-SD)                          |
|      | 32341844 | STARTER ASSEMBLY, 11/15 kW 220 V 50 Hz, 15-22 kW 400 V 50Hz (AC-SD)    |
|      | 32341851 | STARTER ASSEMBLY, 15/18.5 kW 220 V 50 Hz (AC-SD)                       |
|      | 32341869 | STARTER ASSEMBLY, 18.5/22 kW 220 V 50 Hz (AC-SD)                       |
|      | 19002203 | STARTER ASSEMBLY, 15 kW 380 V 50 Hz (AC-SD)                            |
|      | 19002211 | STARTER ASSEMBLY, 22 kW 380 V 50 Hz (AC-SD)                            |

### ALTERNATE PARTS LIST 2 : INTELLISYS STARTER ASSEMBLIES

| Item | Part No. | Description                                                               |
|------|----------|---------------------------------------------------------------------------|
| 1    | 22650550 | STARTER ASSEMBLY, 15 hp 575 V 60 Hz (AC-SD)                               |
|      | 32344038 | STARTER ASSEMBLY, 20/25 hp 440/460 V 60 Hz, 20-30 hp 575 V 60 Hz (AC-SD)  |
|      | 81290488 | STARTER ASSEMBLY, 20 hp 380 V 60 Hz (AC-SD)                               |
|      | 32344046 | STARTER ASSEMBLY, 15/20 hp 220/230 V 60 Hz, 30 hp 440/460 V 60 Hz (AC-SD) |
|      | 81290496 | STARTER ASSEMBLY, 25/30 hp 380 V 60 Hz (AC-SD)                            |
|      | 32344053 | STARTER ASSEMBLY, 20 hp 200 V 60 Hz, 25 HP 220/230 V 60 Hz (AC-SD)        |
|      | 32344061 | STARTER ASSEMBLY, 25/30 hp 200 V 60 Hz, 30 hp 220/230 V 60 Hz (AC-SD)     |
|      | 32343964 | STARTER ASSEMBLY, 15-30 hp 575 V 60 Hz (AC-FV)                            |
|      | 22317648 | STARTER ASSEMBLY, 15 hp 230/460 V 60 Hz (AC-FV)                           |
|      | 32343972 | STARTER ASSEMBLY, 15-25 hp 200 V 60 Hz, 20-30 hp 230/460 V 60 Hz (AC-FV)  |
|      | 32343980 | STARTER ASSEMBLY, 30 hp 200 V 60 Hz (AC-FV)                               |
|      | 22317549 | STARTER ASSEMBLY, 11-22 kW 550 V 50 Hz (AC-SD)                            |
|      | 32343998 | STARTER ASSEMBLY, 15 kW 400 V 50 Hz (AC-SD)                               |
|      | 32344004 | STARTER ASSEMBLY, 15 kW 220 V 50 Hz, 18.5/22 kW 400 V 50 Hz (AC-SD)       |
|      | 32344012 | STARTER ASSEMBLY, 18.5 kW 220 V 50 Hz (AC-SD)                             |
|      | 32344020 | STARTER ASSEMBLY, 22 kW 220 V 50 Hz (AC-SD)                               |
|      | 19002161 | STARTER ASSEMBLY, 15 kW 380 V 50 Hz (AC-SD)                               |
|      | 19002179 | STARTER ASSEMBLY, 22 kW 380 V 50 Hz (AC-SD)                               |

# STARTER BOX (NON- INTELLISYS) ASSEMBLY DRAWING AND PARTS LIST

## Assemble Starter Box to Base



(Dwg. 22179626F2)

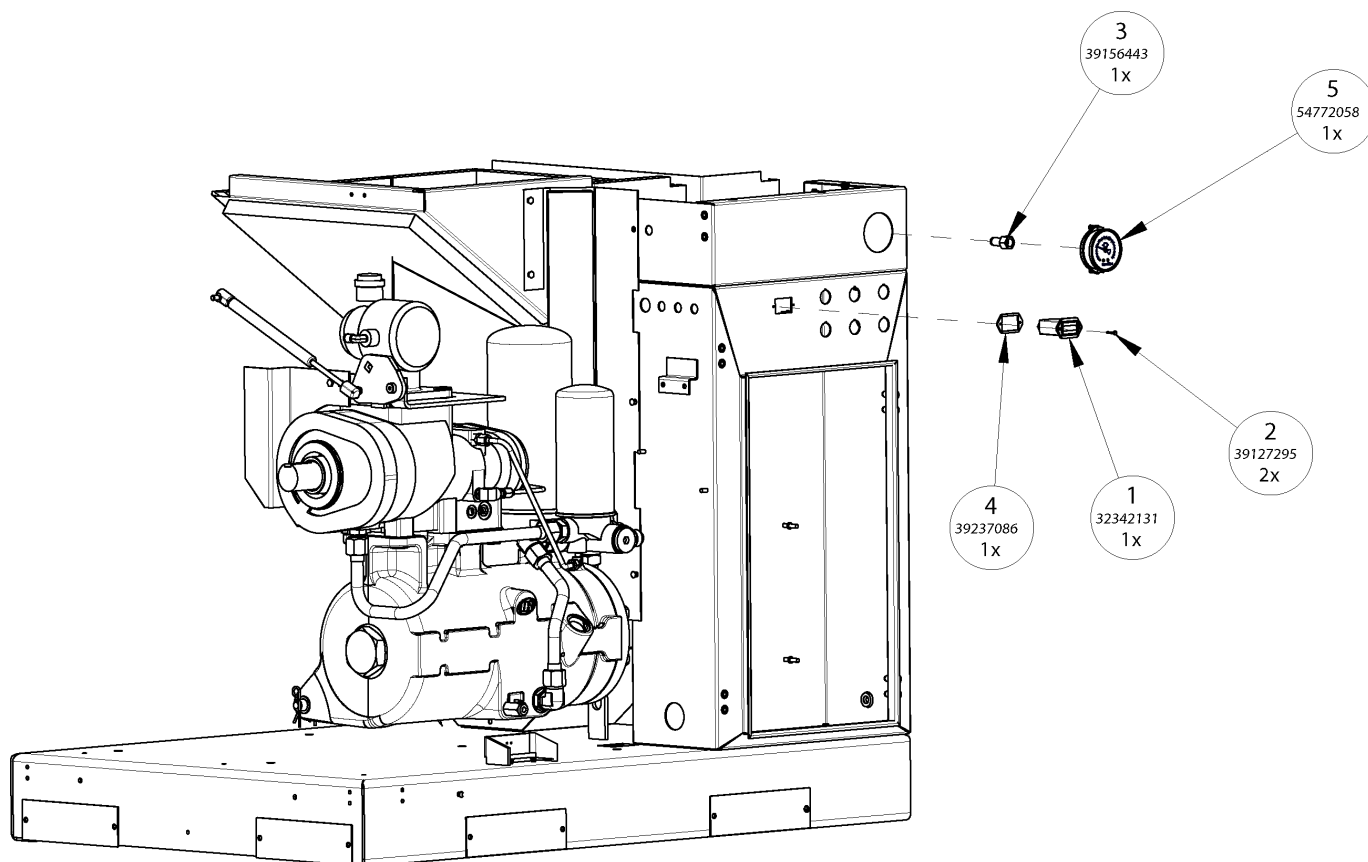
### PARTS LIST

| Item | Part No.  | Description                              | Qty. |
|------|-----------|------------------------------------------|------|
| 1    | SEE TABLE | STARTER BOX                              | 1    |
| 2    | 22160030  | WASHER, NEOPRENE (WITH ADHESIVE BACKING) | 4    |
| 3    | 39917489  | SCREW, HEX HEAD FLANGE M6 x 16 LONG      | 4    |

| Table for Starter Box     |          |
|---------------------------|----------|
| Description               | Starter  |
| 60 HERTZ - NON-INTELLISYS | 22158612 |
| 50 HERTZ - NON-INTELLISYS | 22177042 |

# STARTER BOX (NON- INTELLISYS) ASSEMBLY DRAWING AND PARTS LIST

## Assemble Components



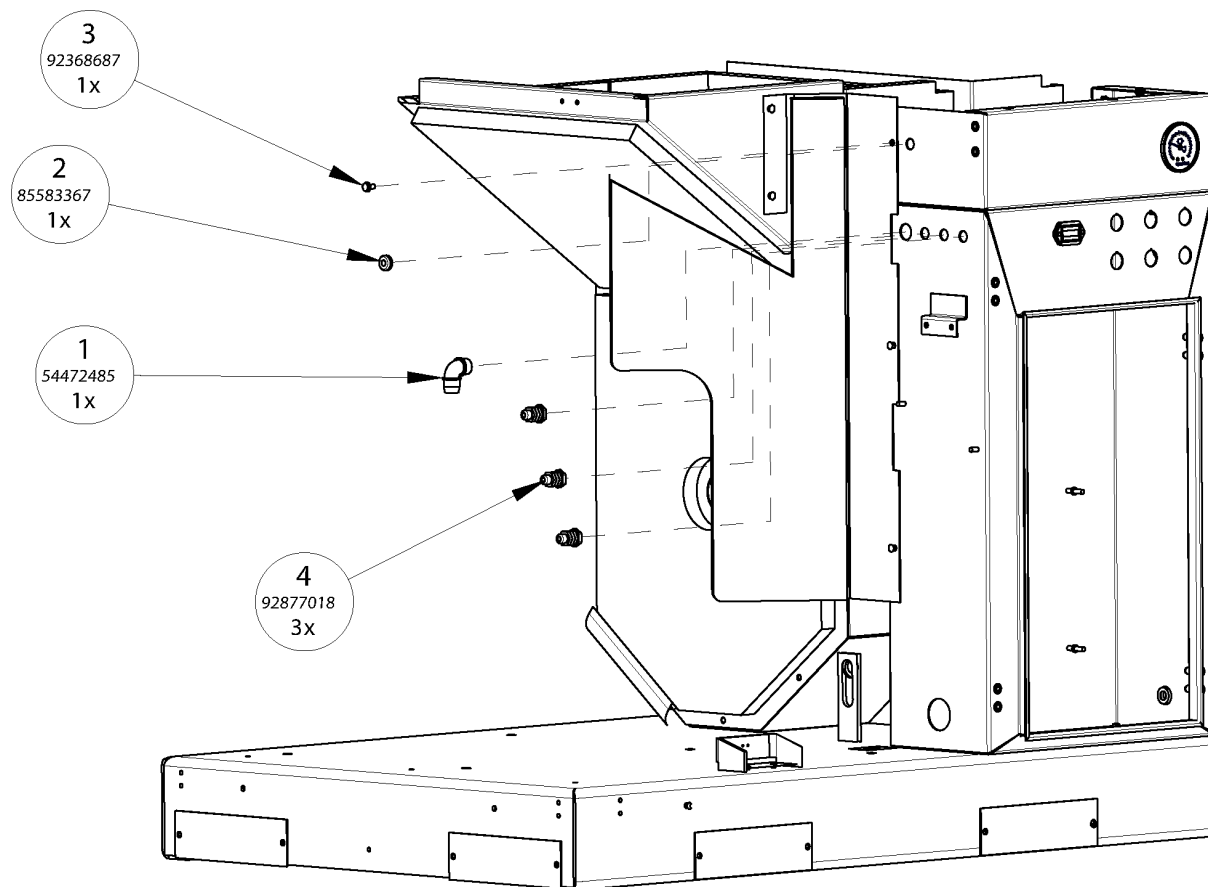
(Dwg. 22179626F3)

## PARTS LIST

| Item | Part No. | Description                                    | Qty. |
|------|----------|------------------------------------------------|------|
| 1    | 32342131 | METER, HOUR QUARTZ 50/60 Hz                    | 1    |
| 2    | 39127295 | SCREW, WASHER HEAD TAPPING #4 x 0.75 INCH LONG | 2    |
| 3    | 39156443 | CONNECTOR, 0.25 FNPT x 0.25 INCH TUBE          | 1    |
| 4    | 39237086 | GASKET, HOUR METER                             | 1    |
| 5    | 54772058 | GAUGE, PRESSURE 0 - 300 PSI                    | 1    |

# STARTER BOX (NON- INTELLISYS) ASSEMBLY DRAWING AND PARTS LIST

## Assemble Components



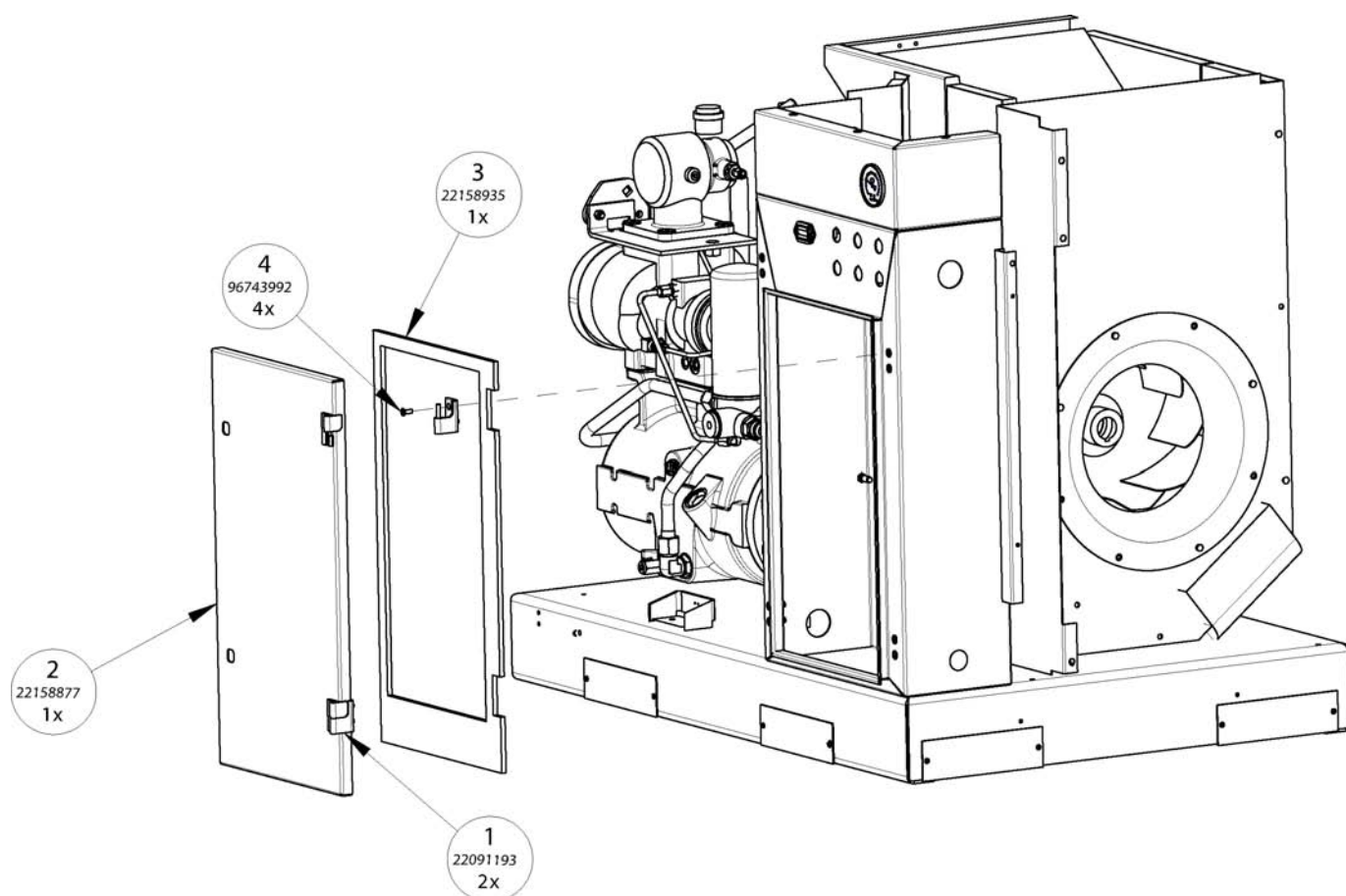
(Dwg. 22179626F4)

## PARTS LIST

| Item | Part No. | Description                                     | Qty. |
|------|----------|-------------------------------------------------|------|
| 1    | 54472485 | ELBOW, 90 DEG. 0.375 INCH CONDUIT (BLACK NYLON) | 1    |
| 2    | 85583367 | GROMMET, INSULATION 0.3125 INCH I.D.            | 1    |
| 3    | 92368687 | TAPTITE SCREW M6-1 x 12 LONG                    | 1    |
| 4    | 92877018 | GLAND, CABLE                                    | 3    |

## STARTER BOX (NON- INTELLISYS) ASSEMBLY DRAWING AND PARTS LIST

### Assemble Door to Starter Box



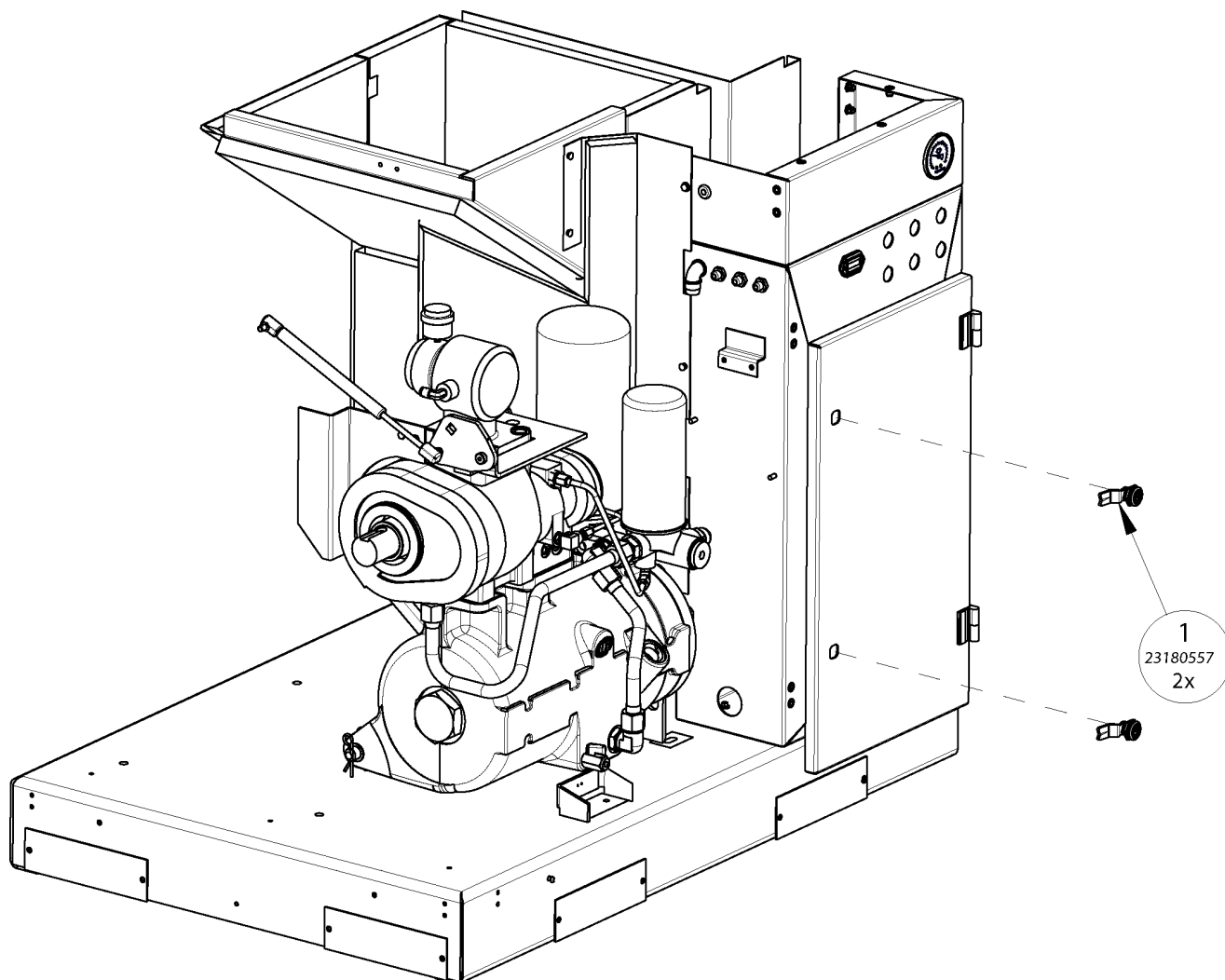
(Dwg. 22179626F5)

### PARTS LIST

| Item | Part No. | Description                                   | Qty. |
|------|----------|-----------------------------------------------|------|
| 1    | 22091193 | HINGE, LIFT OFF (RIGHT HAND)                  | 2    |
| 2    | 22158877 | DOOR, STARTER BOX                             | 1    |
| 3    | 22158935 | GASKET, STARTER BOX (NEMA 4 NON - INTELLISYS) | 1    |
| 4    | 96743992 | MACHINE SCREW, FLAT HEAD M6 x 16              | 4    |

# STARTER BOX (NON- INTELLISYS) ASSEMBLY DRAWING AND PARTS LIST

Assemble Latches to Door



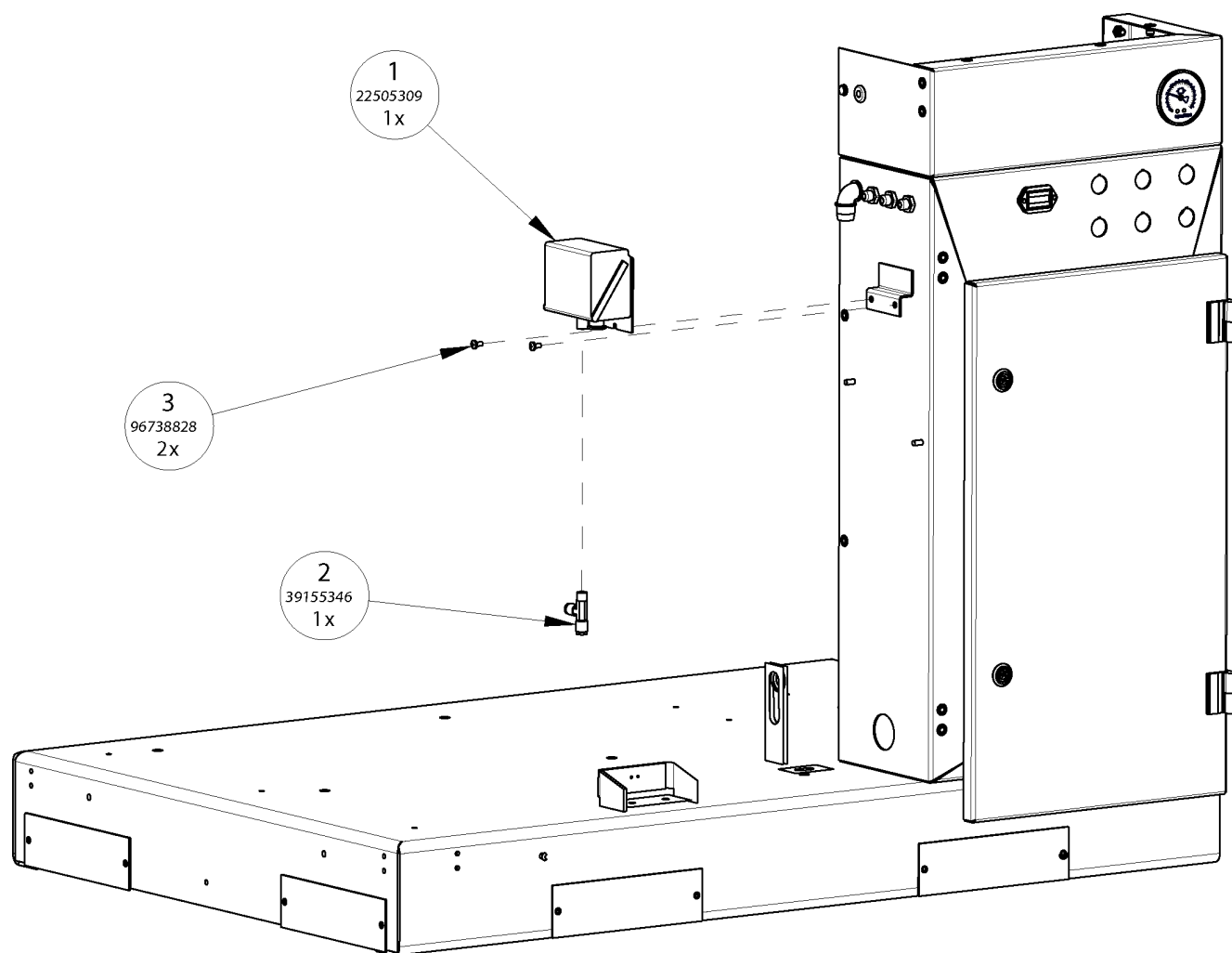
(Dwg. 22179626F6)

## PARTS LIST

| Item | Part No. | Description                                  | Qty. |
|------|----------|----------------------------------------------|------|
| 1    | 23180557 | LATCH, DOOR (NEMA 4) 28mm HEAD / 28mm OFFSET | 2    |

# STARTER BOX (NON- INTELLISYS) ASSEMBLY DRAWING AND PARTS LIST

## Assemble Pressure Switch



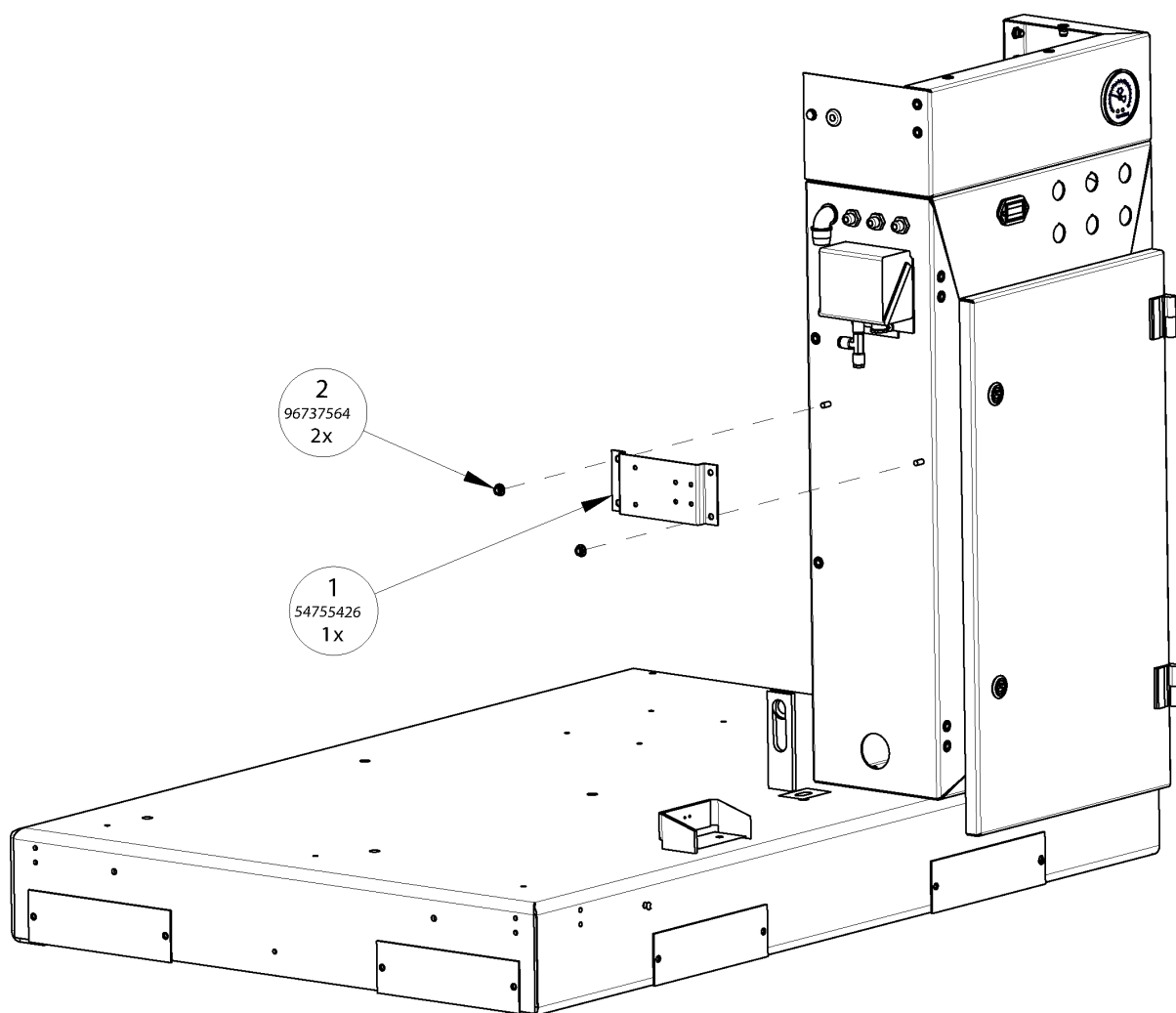
(Dwg. 22179626F7)

### PARTS LIST

| Item | Part No. | Description                          | Qty. |
|------|----------|--------------------------------------|------|
| 1    | 22505309 | SWITCH, PRESSURE CONTROL             | 1    |
| 2    | 39155346 | TEE, RUN 0.25 NPT x 0.25 INCH TUBE   | 1    |
| 3    | 96738828 | SCREW, MACHINE PAN HEAD M5 x 10 LONG | 2    |

# STARTER BOX (NON- INTELLISYS) ASSEMBLY DRAWING AND PARTS LIST

## Assemble Solenoid Valve Bracket



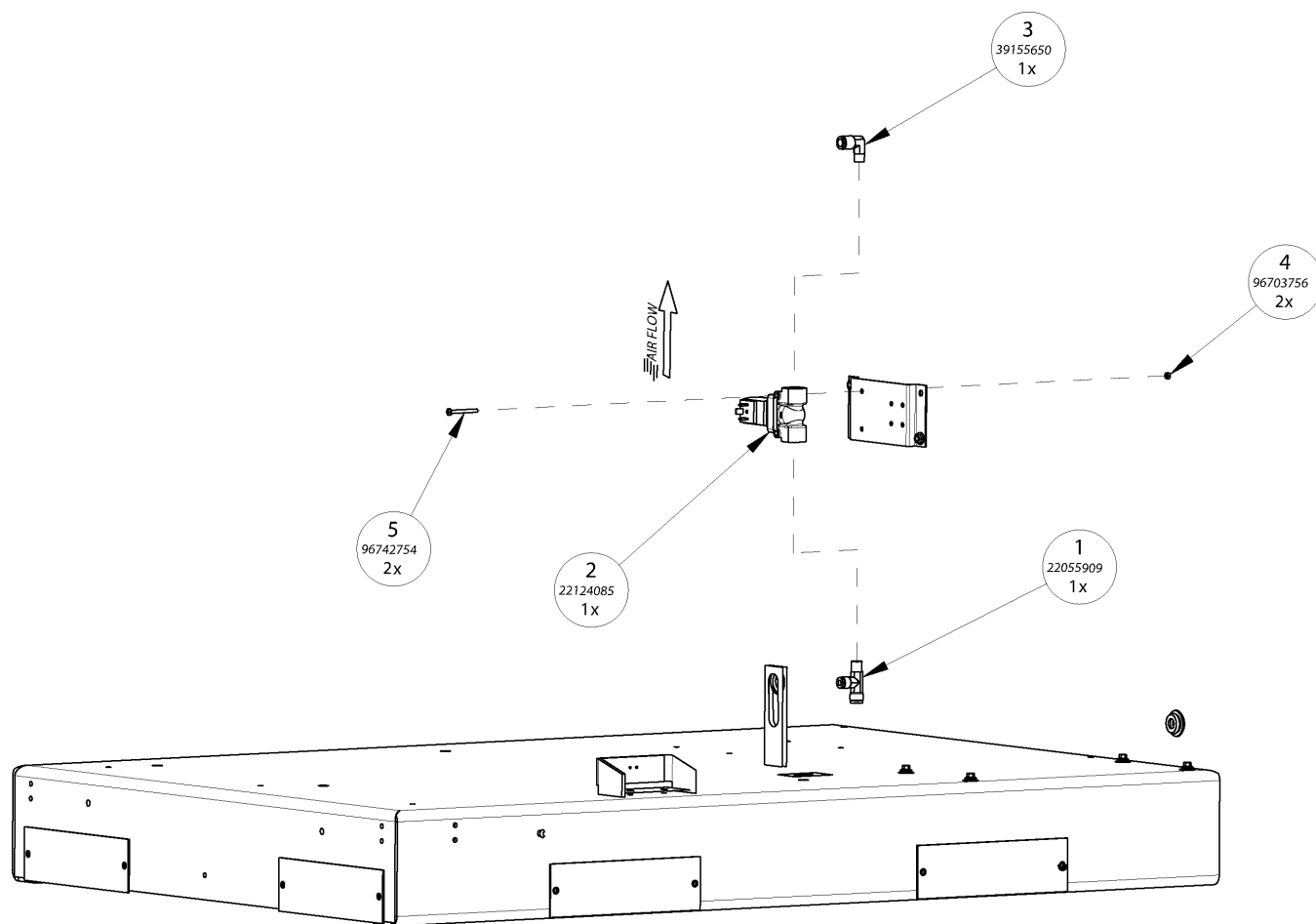
(Dwg. 22179626F8)

### PARTS LIST

| Item | Part No. | Description                        | Qty. |
|------|----------|------------------------------------|------|
| 1    | 54755426 | BRACKET, SOLENOID/BLOWDOWN VALVE   | 1    |
| 2    | 96737564 | NUT, HEX FLANGE LOCK SERRATED M6-1 | 2    |

# STARTER BOX (NON- INTELLISYS) ASSEMBLY DRAWING AND PARTS LIST

## Assemble Solenoid Valve to Bracket



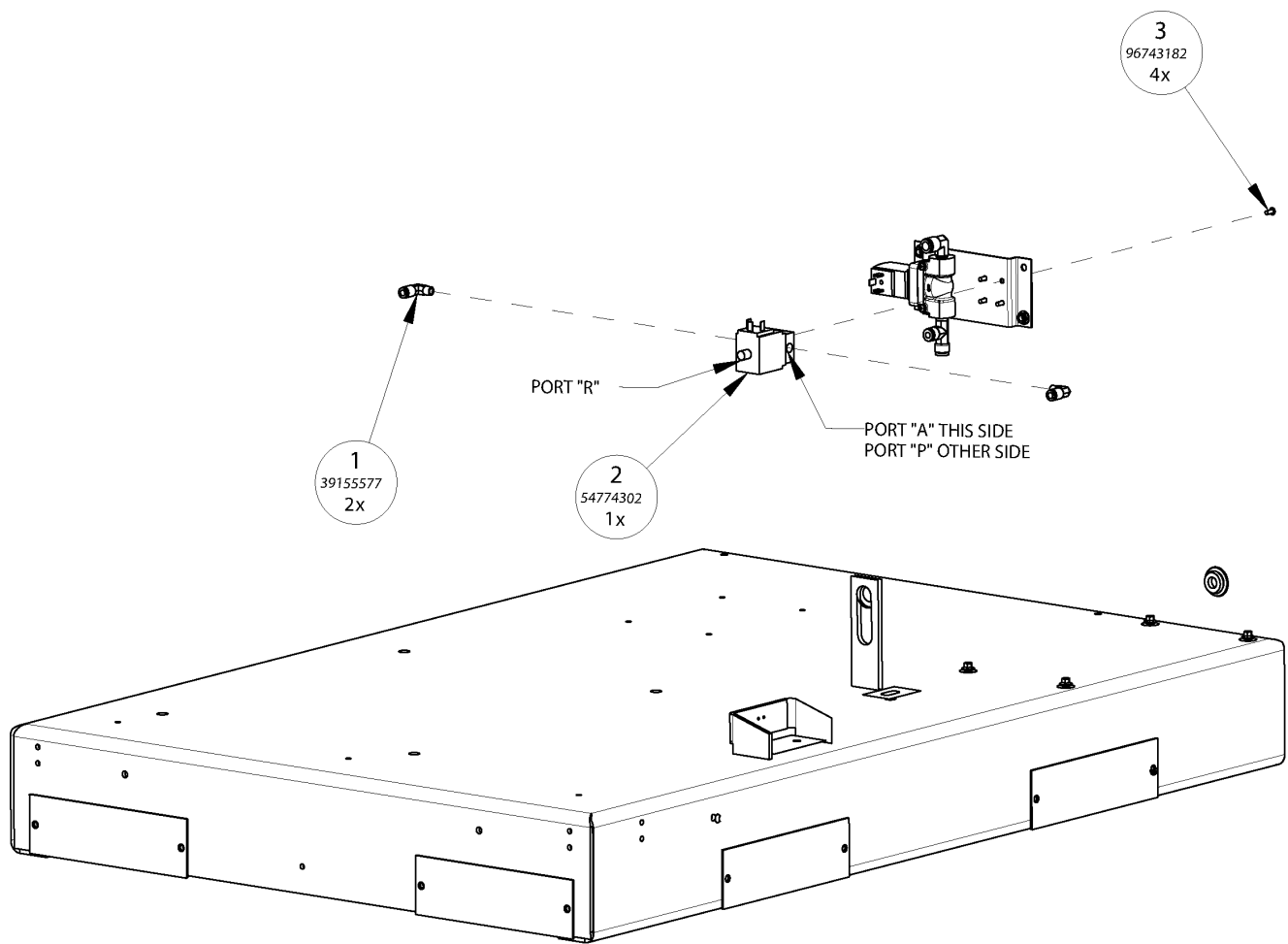
(Dwg. 22179626F9)

### PARTS LIST

| Item | Part No. | Description                                                       | Qty. |
|------|----------|-------------------------------------------------------------------|------|
| 1    | 22055909 | TEE, MALE RUN SYN FLEX 0.38 INCH TUBE x 0.25 INCH TUBE x 0.25 NPT | 1    |
| 2    | 22124085 | VALVE, SOLENOID 0.25 NPT BLOWDOWN                                 | 1    |
| 3    | 39155650 | ELBOW, 0.25 NPT x 0.38 INCH TUBING                                | 1    |
| 4    | 96703756 | NUT, HEX M4-0.7                                                   | 2    |
| 5    | 96742754 | SCREW, MACHINE PAN HEAD M4 x 40 LONG                              | 2    |

# STARTER BOX (NON- INTELLISYS) ASSEMBLY DRAWING AND PARTS LIST

## Assemble Solenoid Valve to Bracket



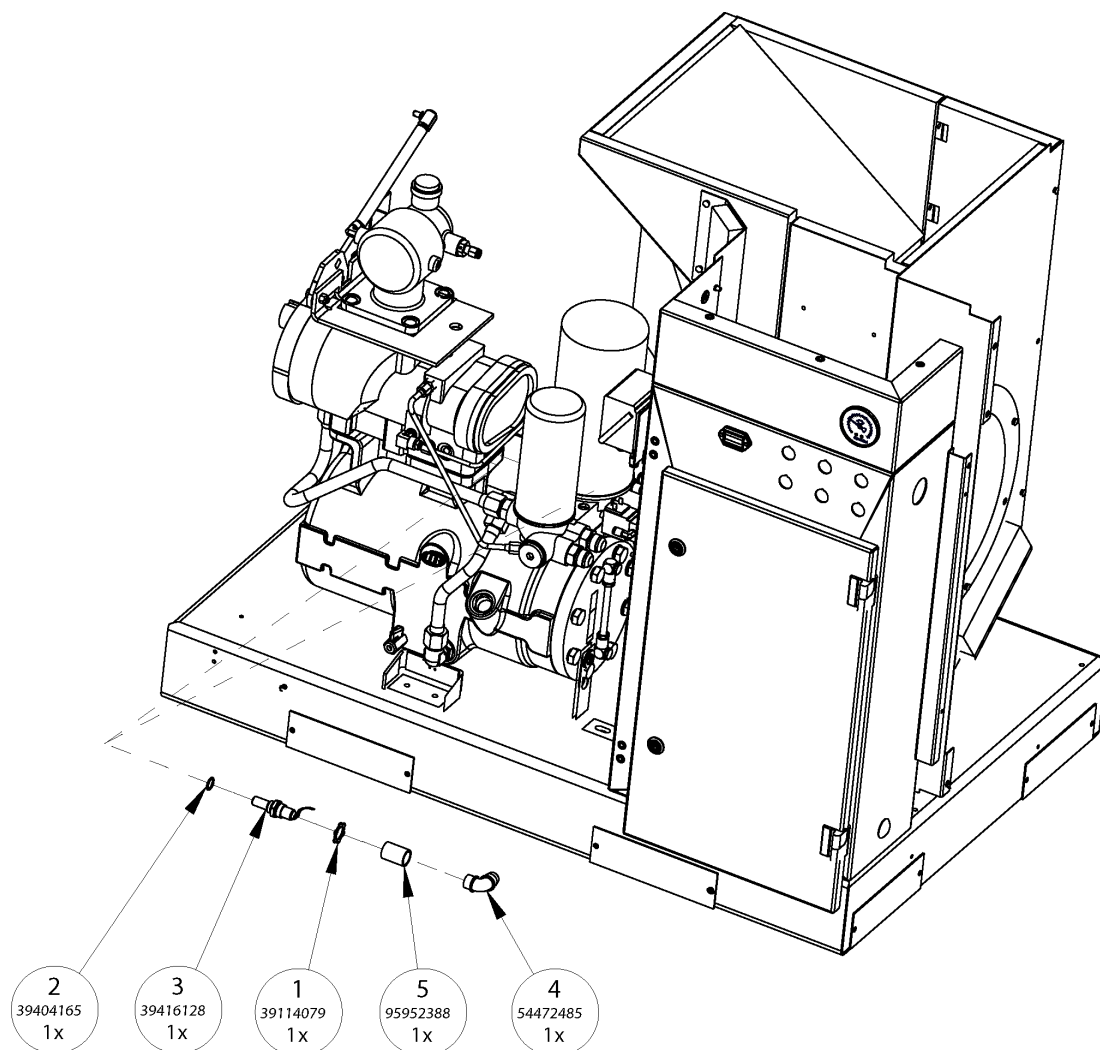
(Dwg. 22179626F10)

### PARTS LIST

| Item | Part No. | Description                                | Qty. |
|------|----------|--------------------------------------------|------|
| 1    | 39155577 | ELBOW, 0.125 NPT x 0.25 INCH TUBING        | 2    |
| 2    | 54774302 | VALVE, SOLENOID 0.125 NPT, 110V 50/60 Hz   | 1    |
| 3    | 96743182 | SCREW, HEX SOCKET BUTTON HEAD M4 x 10 LONG | 4    |

# STARTER BOX (NON- INTELLISYS) ASSEMBLY DRAWING AND PARTS LIST

## Assemble HAT Switch



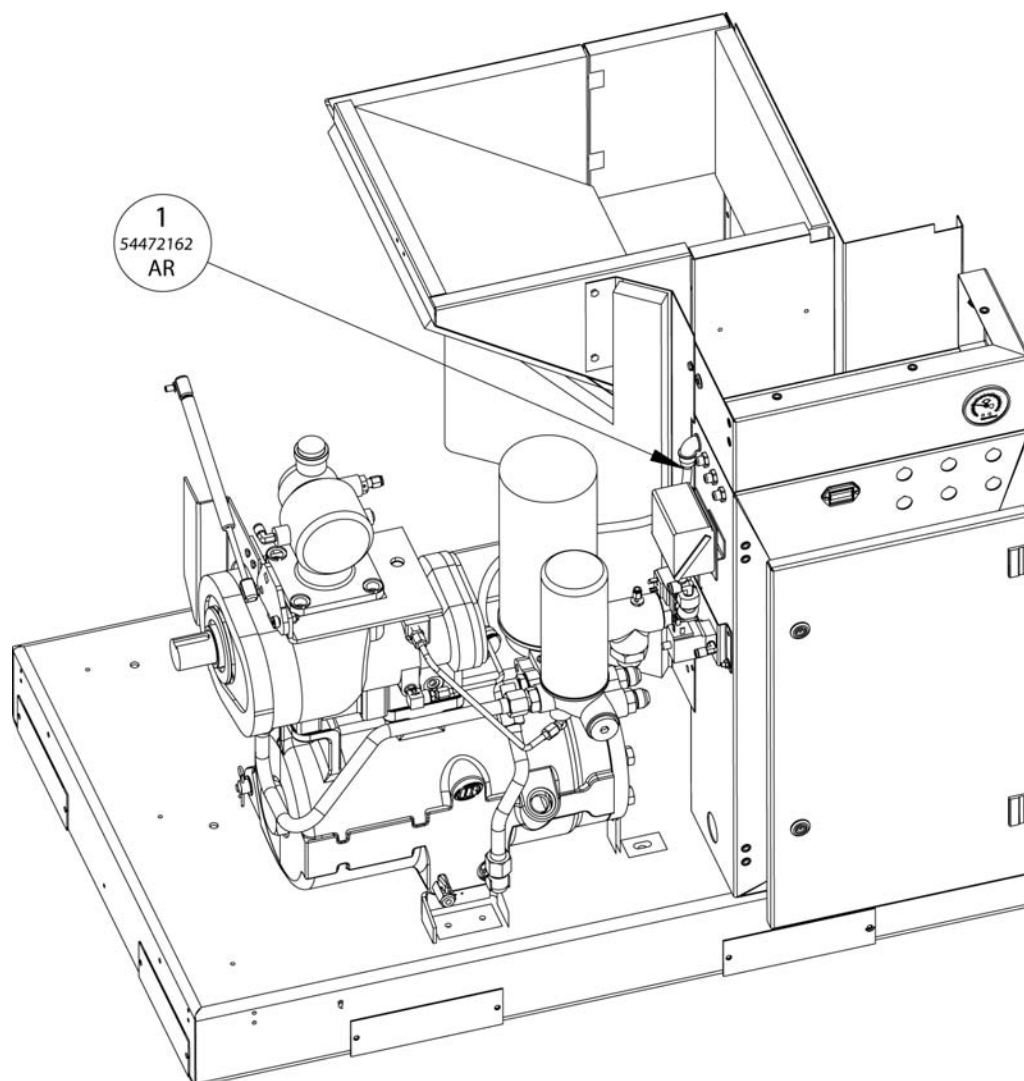
(Dwg. 22179626F11)

### PARTS LIST

| Item | Part No. | Description                                  | Qty. |
|------|----------|----------------------------------------------|------|
| 1    | 39114079 | LOCKNUT, 0.50 INCH                           | 1    |
| 2    | 39404165 | O-RING, ID 0.644 INCH, WIDTH 0.087 INCH      | 1    |
| 3    | 39416128 | SWITCH, HAT 228 °F                           | 1    |
| 4    | 54472485 | ELBOW, 90° 0.375 INCH CONDUIT (BLACK NYLON)  | 1    |
| 5    | 95952388 | COUPLING, STANDARD 0.50 NPT x 1.50 INCH LONG | 1    |

# STARTER BOX (NON- INTELLISYS) ASSEMBLY DRAWING AND PARTS LIST

## Assemble HAT Switch Conduit



(Dwg. 22179626F12)

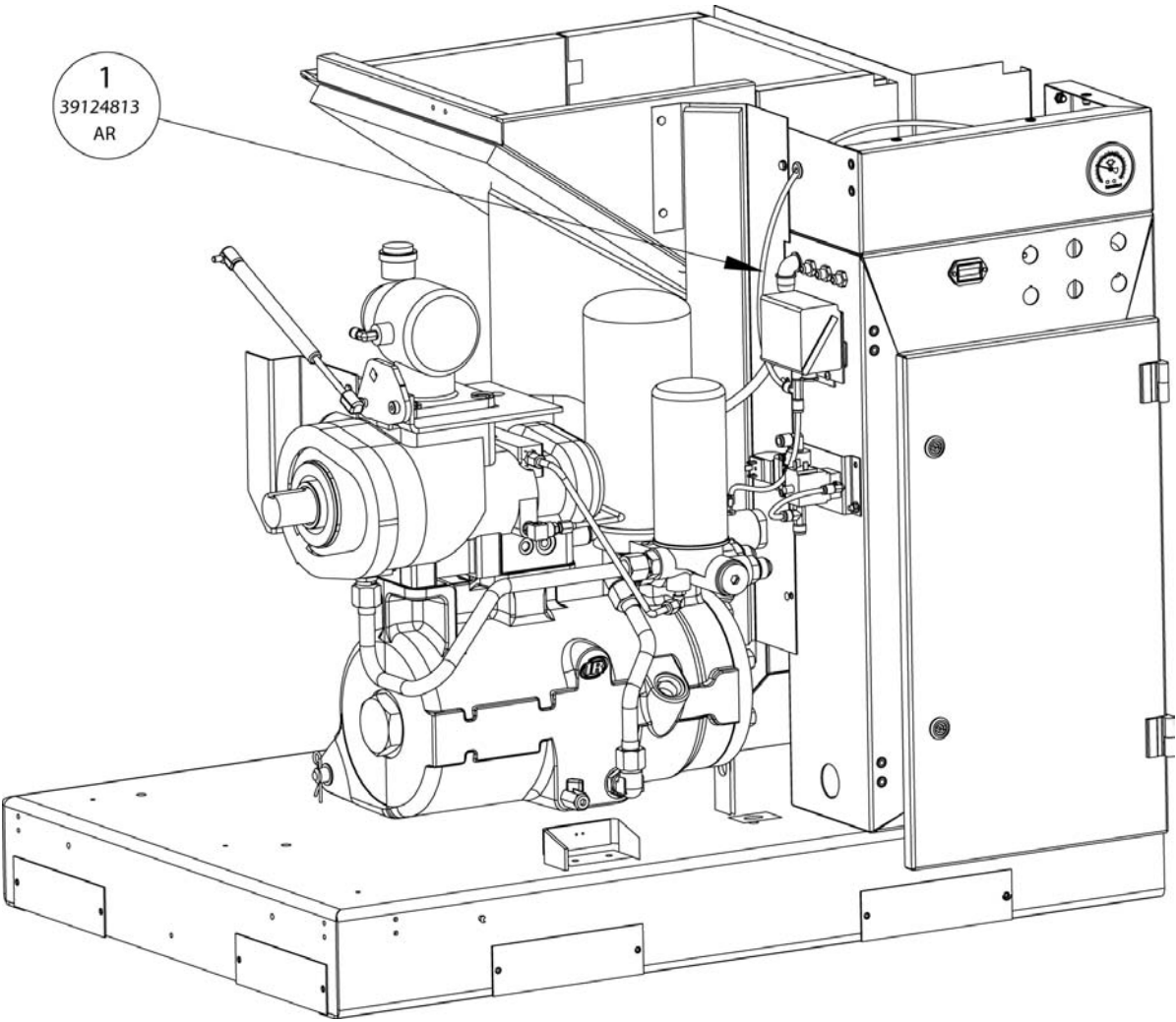
### PARTS LIST

| Item | Part No. | Description                               | Qty. |
|------|----------|-------------------------------------------|------|
| 1    | 54472162 | CONDUIT, 0.38 INCH DIAMETER (BLACK NYLON) | AR   |

AR - AS REQUIRED

# STARTER BOX (NON- INTELLISYS) ASSEMBLY DRAWING AND PARTS LIST

Assemble 0.25 Inch Tubing



(Dwg. 22179626F13)

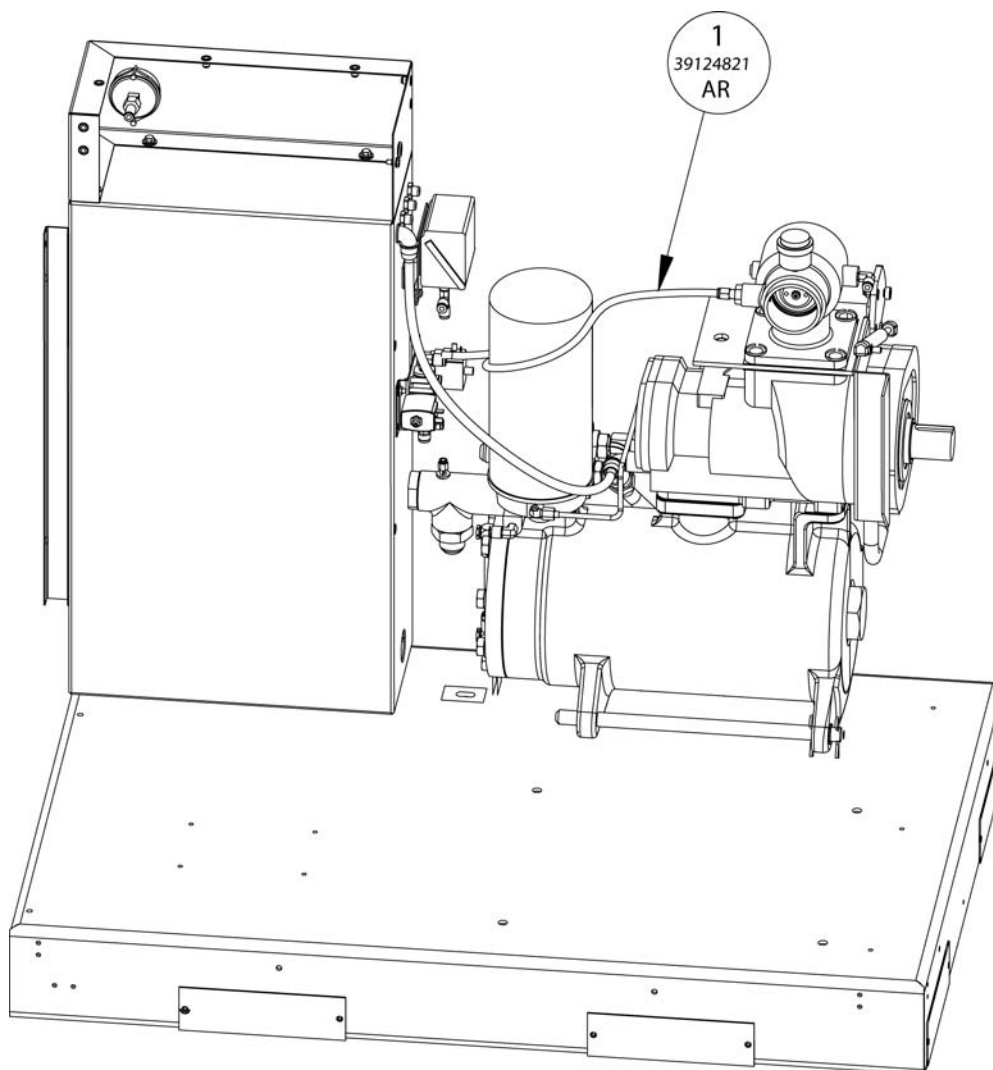
## PARTS LIST

| Item | Part No. | Description                      | Qty. |
|------|----------|----------------------------------|------|
| 1    | 39124813 | TUBING, 0.25 INCH SYNIFLEX BLACK | AR   |

AR - AS REQUIRED.

## STARTER BOX (NON- INTELLISYS) ASSEMBLY DRAWING AND PARTS LIST

### Assemble 0.38 Inch Tubing



(Dwg. 22179626F14)

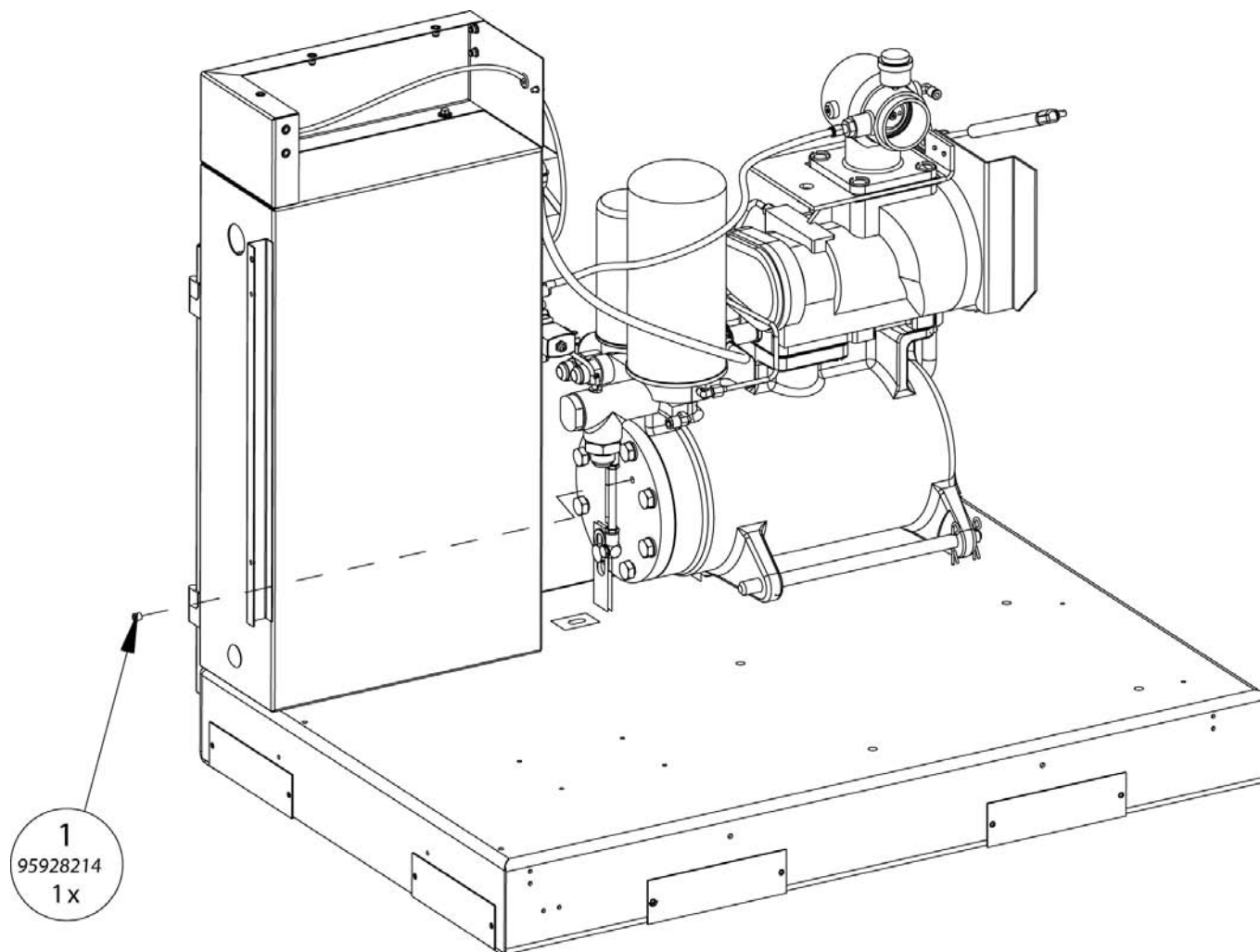
#### PARTS LIST

| Item | Part No. | Description                      | Qty. |
|------|----------|----------------------------------|------|
| 1    | 39124821 | TUBING, 0.38 INCH SYNDFLEX BLACK | AR   |

AR - AS REQUIRED.

# STARTER BOX (NON- INTELLISYS) ASSEMBLY DRAWING AND PARTS LIST

## Assemble Plug



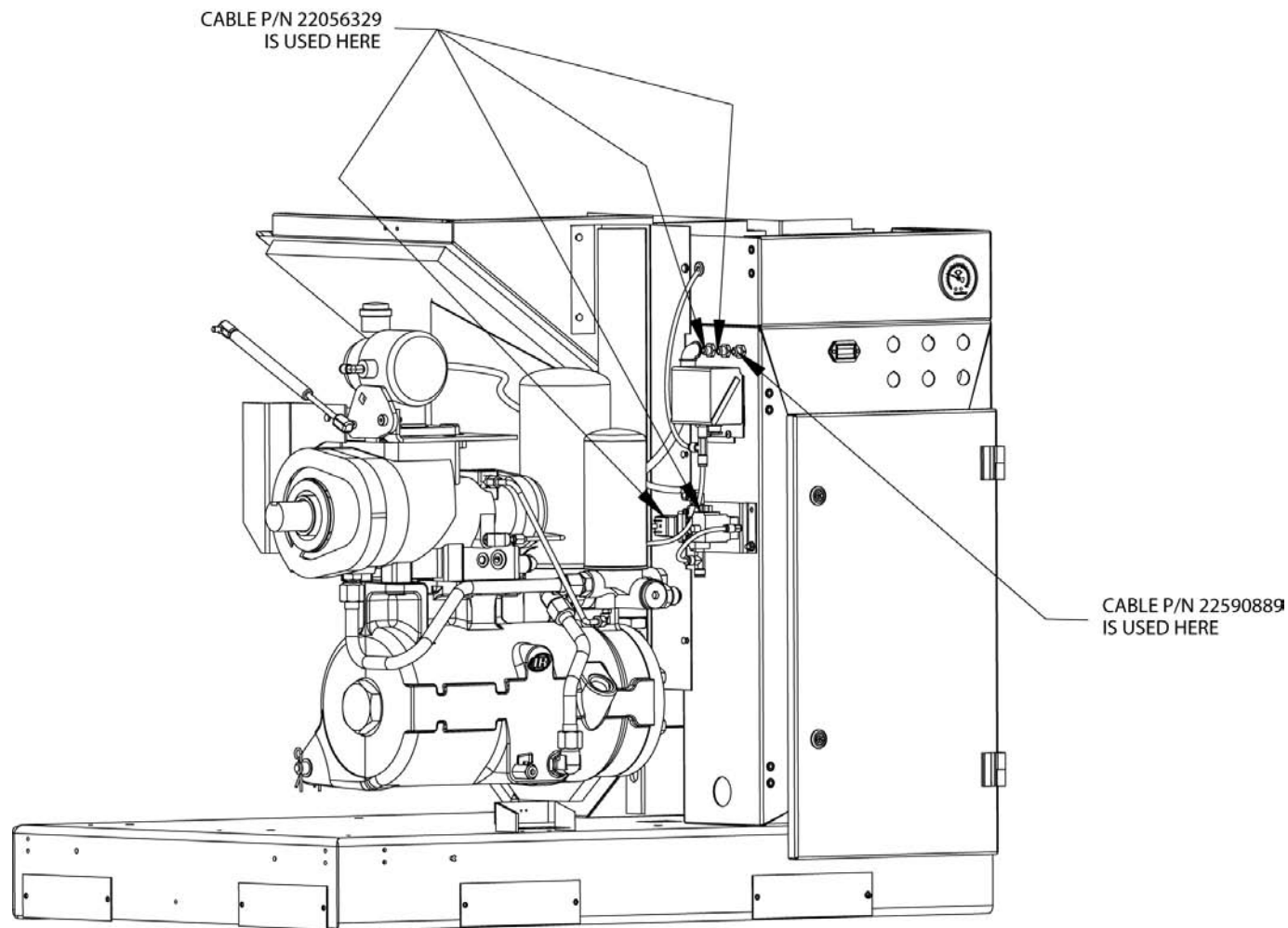
(Dwg. 22179626F15)

## PARTS LIST

| Item | Part No. | Description           | Qty. |
|------|----------|-----------------------|------|
| 1    | 95928214 | PLUG, SOCKET 0.13 NPT | 1    |

# STARTER BOX (NON- INTELLISYS) ASSEMBLY DRAWING AND PARTS LIST

## Assemble Solenoid and Pressure Switch Cable Assemblies



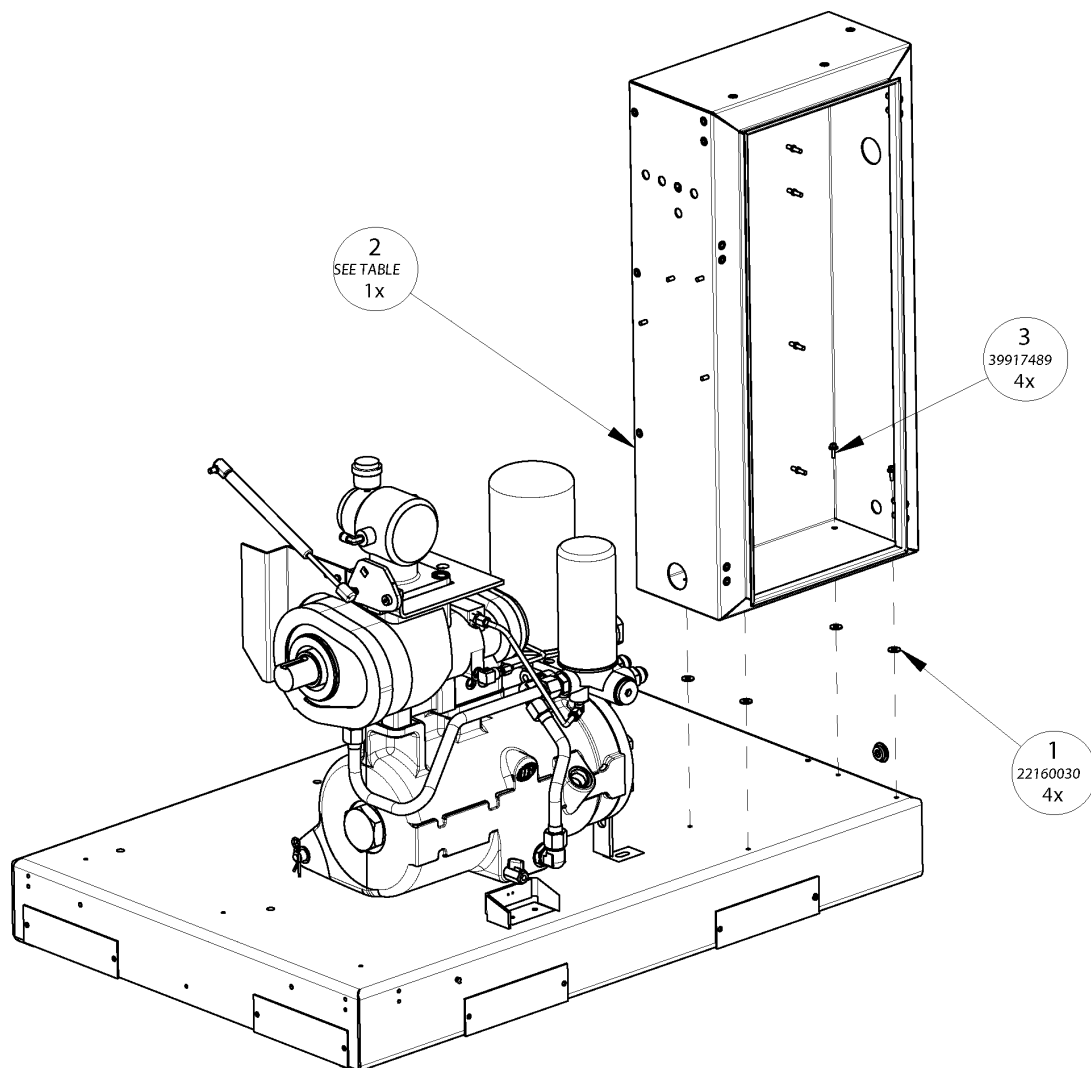
(Dwg. 22179626F16)

### PARTS LIST

| Item | Part No. | Description                      | Qty. |
|------|----------|----------------------------------|------|
| 1    | 22056329 | ASSEMBLY, CABLE (SOLENOID VALVE) | 2    |
| 2    | 22590889 | ASSEMBLY, PRESSURE SWITCH CABLE  | 1    |

## STARTER BOX (INTELLISYS) ASSEMBLY DRAWING AND PARTS LIST

### Assemble Starter Box to Base



(Dwg. 22179634E2)

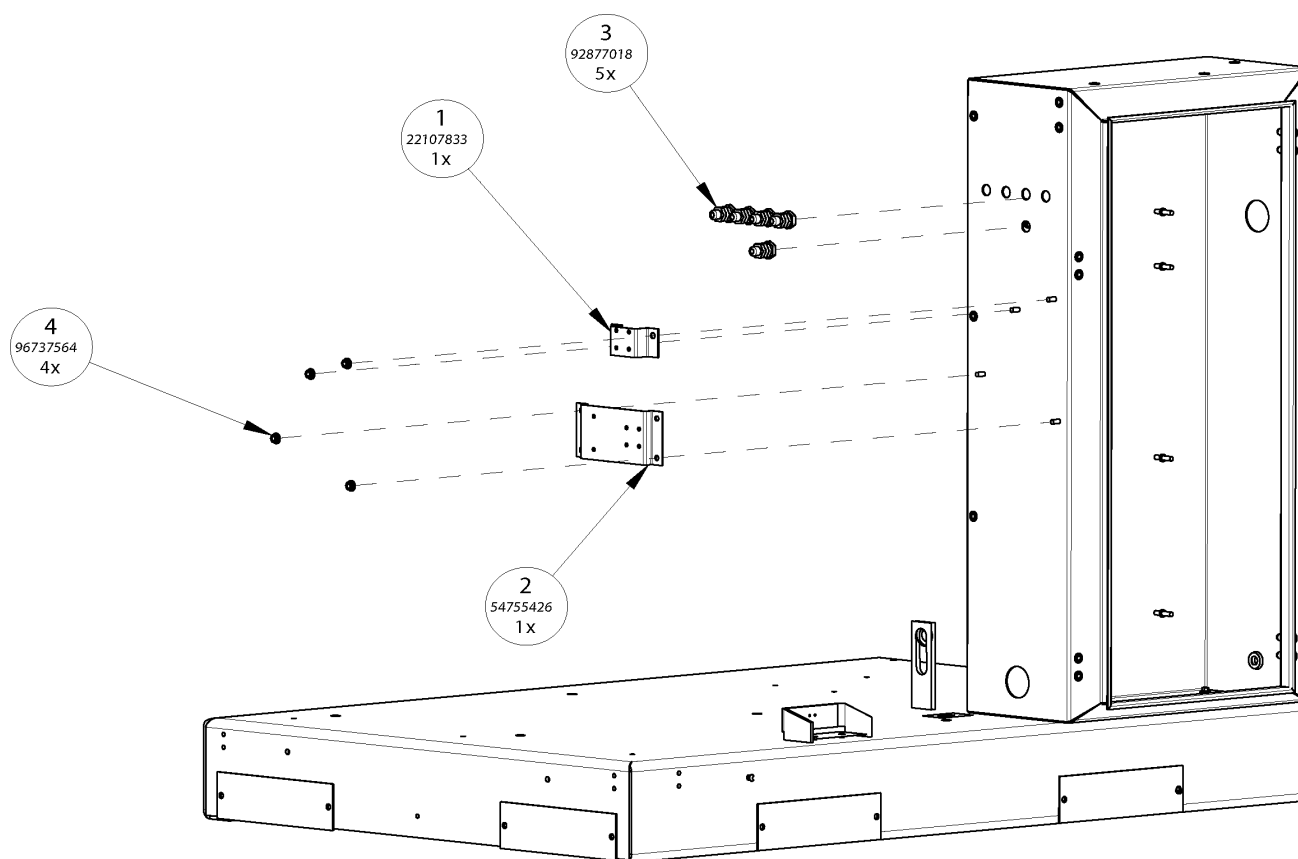
### PARTS LIST

| Item | Part No.  | Description                              | Qty. |
|------|-----------|------------------------------------------|------|
| 1    | 22160030  | WASHER, NEOPRENE (WITH ADHESIVE BACKING) | 4    |
| 2    | SEE TABLE | STARTER BOX (INTELLISYS)                 | 1    |
| 3    | 39917489  | SCREW, HEX HEAD FLANGE M6 x 16 LONG      | 4    |

| Table For Starter Box (Intellisys) |                          |
|------------------------------------|--------------------------|
| Description                        | Starter Box (Intellisys) |
| 60 HERTZ -INTELLISYS               | 22177174                 |
| 50 HERTZ - INTELLISYS              | 22177182                 |

## STARTER BOX (INTELLISYS) ASSEMBLY DRAWING AND PARTS LIST

### Assemble Cable Glands and Solenoid Brackets



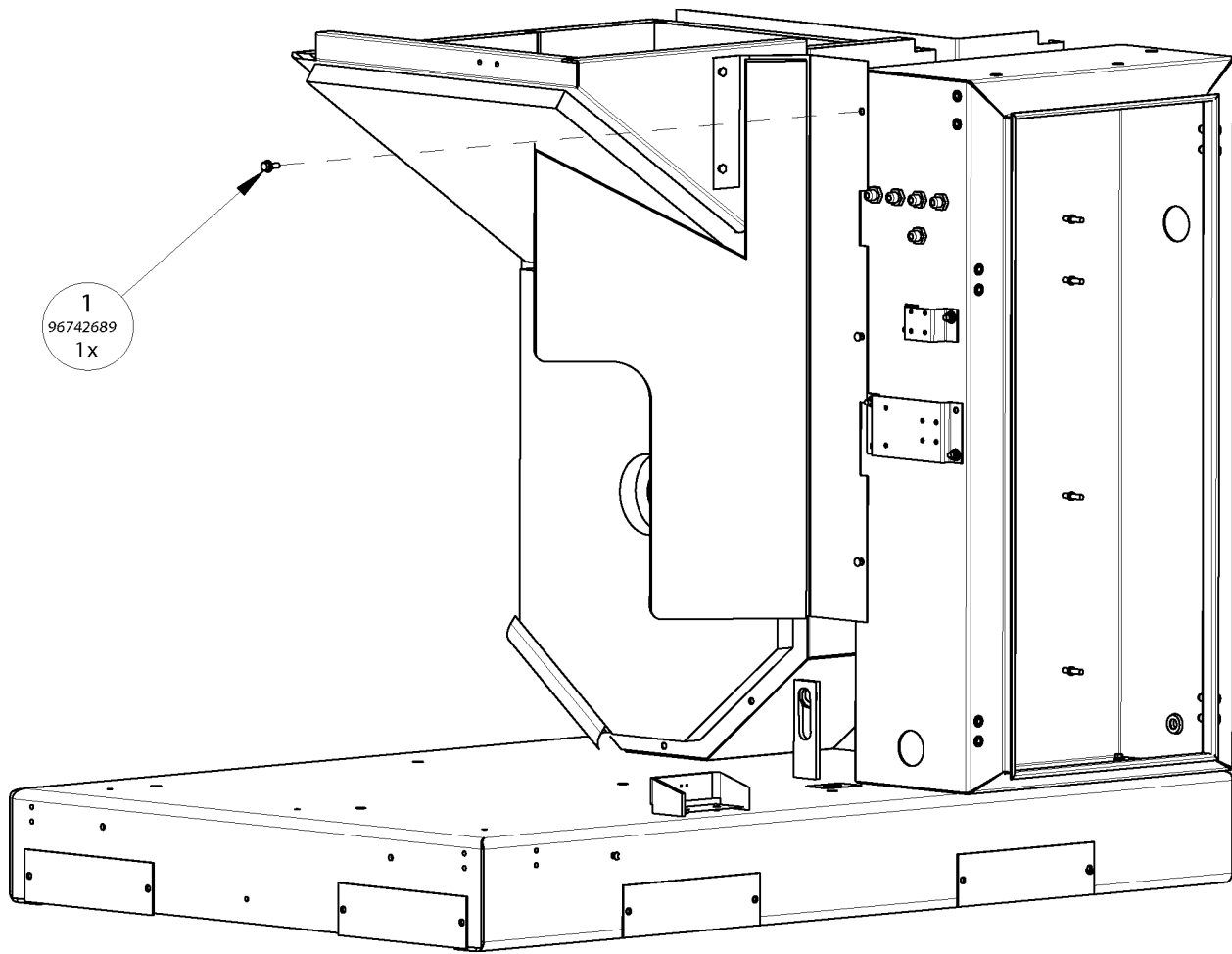
(Dwg. 22179634E3)

### PARTS LIST

| Item | Part No. | Description                          | Qty. |
|------|----------|--------------------------------------|------|
| 1    | 22107833 | BRACKET, SOLENOID VALVE (INTELLISYS) | 1    |
| 2    | 54755426 | BRACKET, SOLENOID/BLOWDOWN VALVE     | 1    |
| 3    | 92877018 | GLAND, CABLE                         | 5    |
| 4    | 96737564 | NUT, HEX FLANGE LOCK SERRATED M6-1   | 4    |

## STARTER BOX (INTELLISYS) ASSEMBLY DRAWING AND PARTS LIST

### Assemble Screw into Starter Box for Baffle



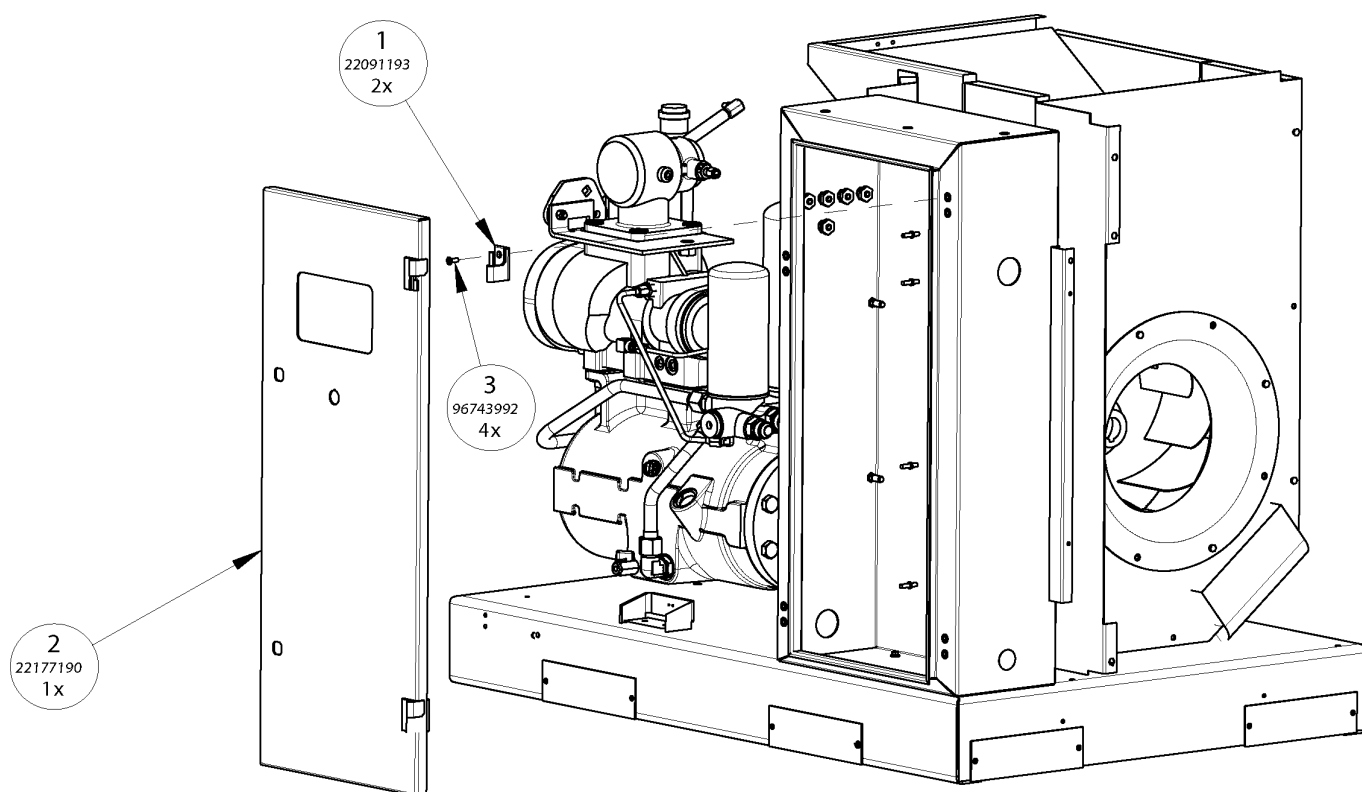
(Dwg. 22179634E4)

### PARTS LIST

| Item | Part No. | Description                     | Qty. |
|------|----------|---------------------------------|------|
| 1    | 96742689 | BOLT, HEX FLANGE M6-1 x 16 LONG | 1    |

## STARTER BOX (INTELLISYS) ASSEMBLY DRAWING AND PARTS LIST

### Assemble Door to Starter Box



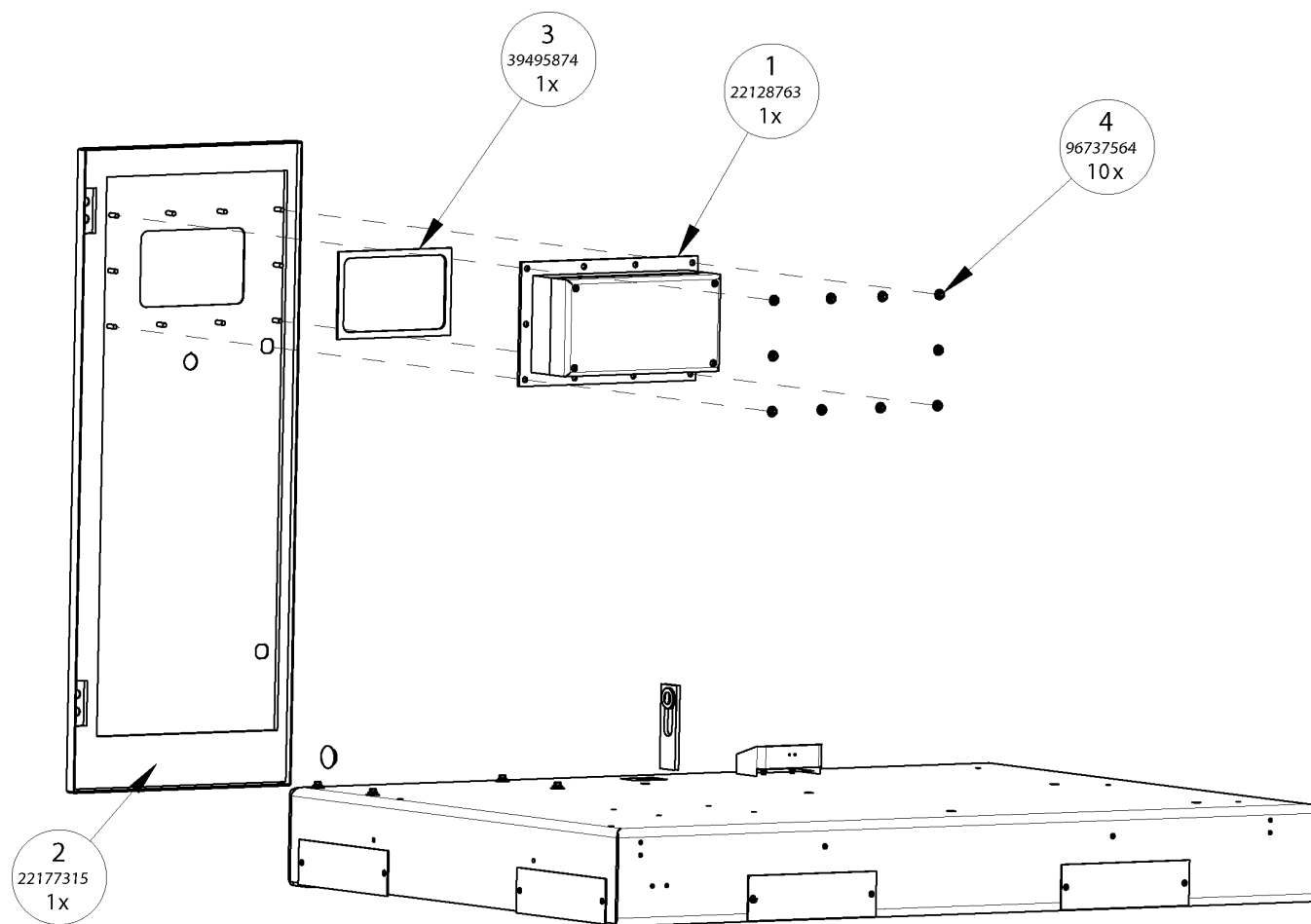
(Dwg. 22179634E5)

### PARTS LIST

| Item | Part No. | Description                  | Qty. |
|------|----------|------------------------------|------|
| 1    | 22091193 | HINGE, LIFT-OFF (RIGHT HAND) | 2    |
| 2    | 22177190 | DOOR, STARTER BOX INTELLISYS | 1    |
| 3    | 96743992 | SCREW, FLAT HEAD M6 x 16     | 4    |

## STARTER BOX (INTELLISYS) ASSEMBLY DRAWING AND PARTS LIST

Assemble Intellisys and Gaskets to Door



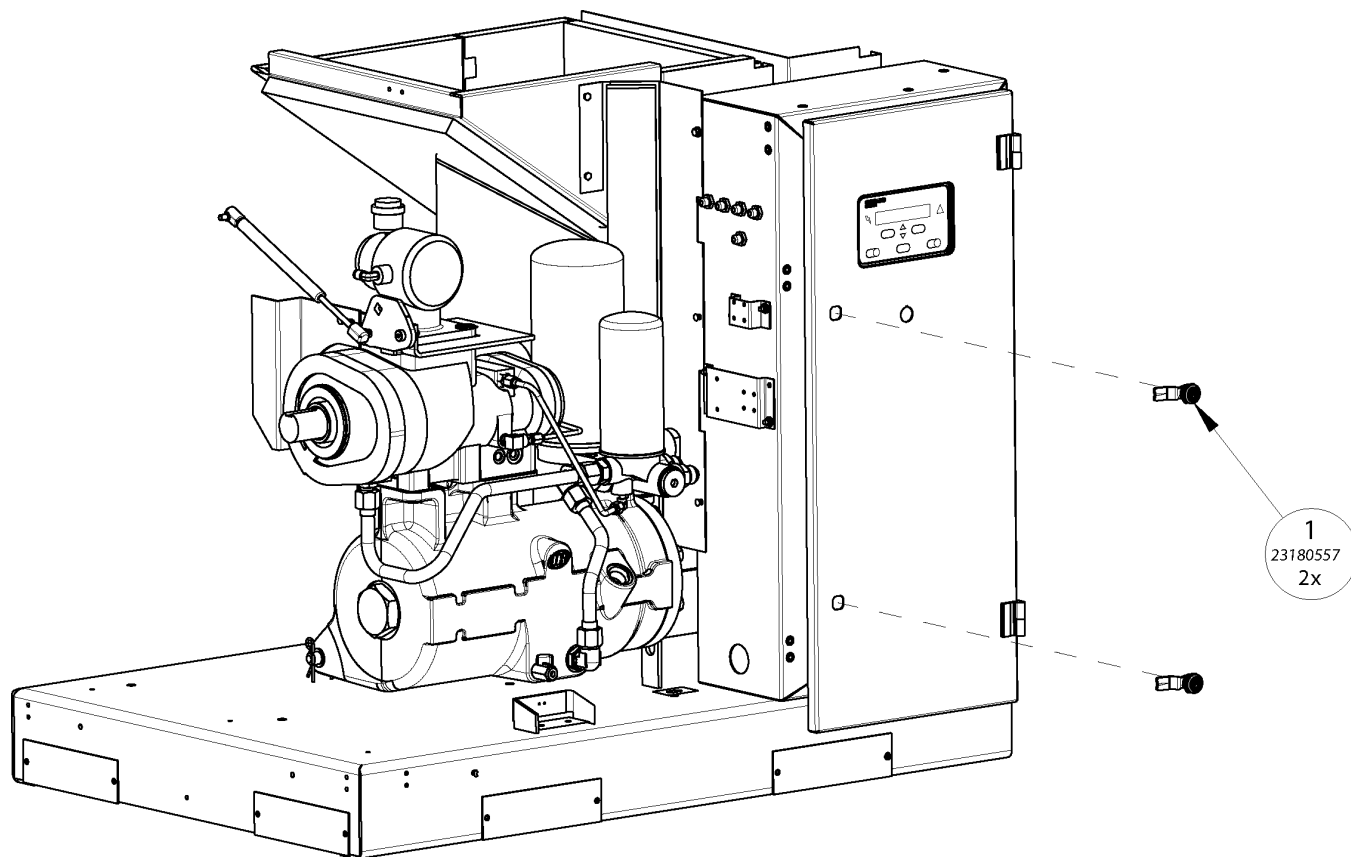
(Dwg. 22179634E6)

### PARTS LIST

| Item | Part No. | Description                        | Qty. |
|------|----------|------------------------------------|------|
| 1    | 22128763 | ASSEMBLY, CONTROLLER               | 1    |
| 2    | 22177315 | GASKET, NEMA 4 INTELLISYS          | 1    |
| 3    | 39495874 | GASKET, INTELLISYS /STARTER BOX    | 1    |
| 4    | 96737564 | NUT, HEX FLANGE LOCK SERRATED M6-1 | 10   |

## STARTER BOX (INTELLISYS) ASSEMBLY DRAWING AND PARTS LIST

Assemble Intellisys and Gaskets to Door



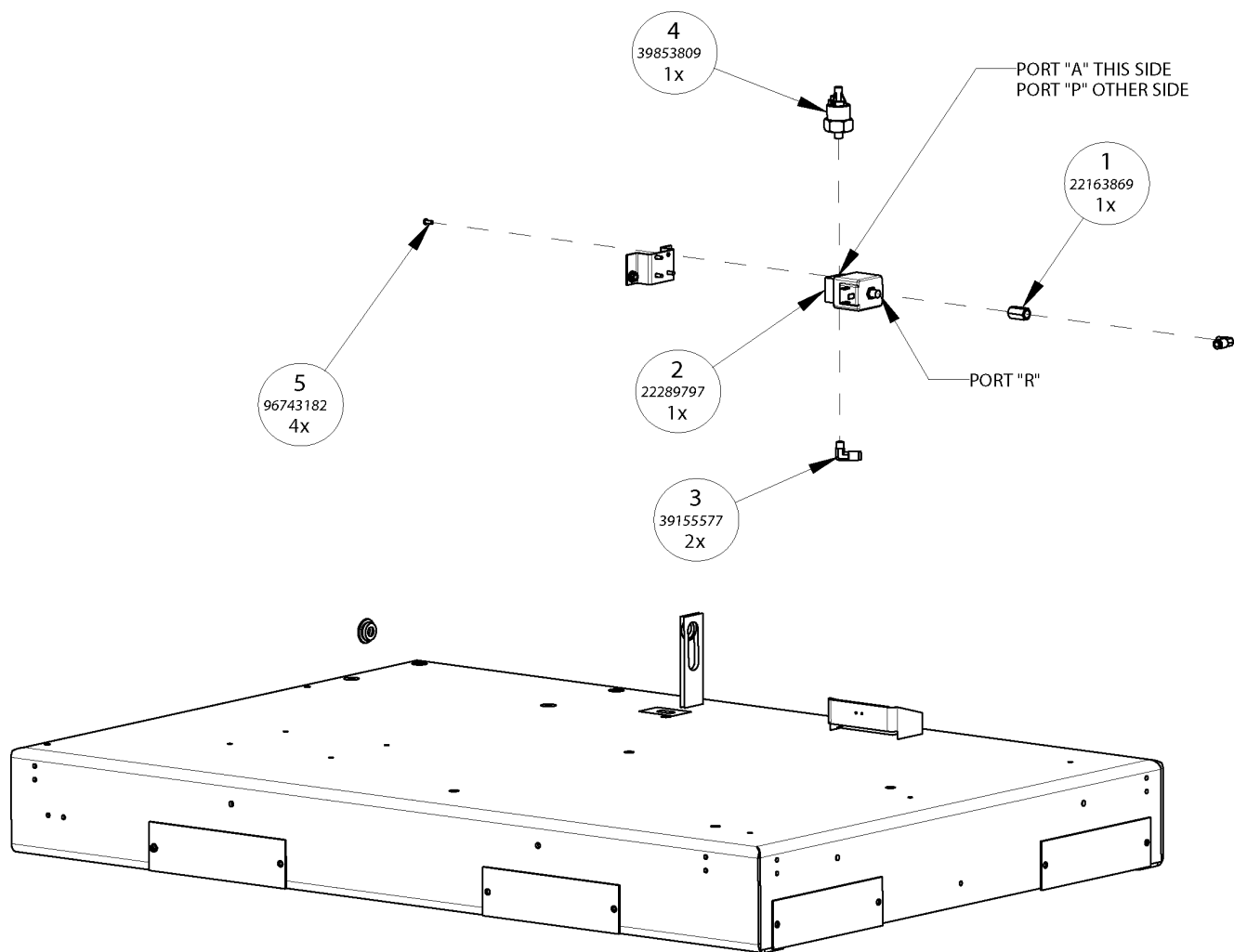
(Dwg. 22179634E7)

### PARTS LIST

| Item | Part No. | Description                                  | Qty. |
|------|----------|----------------------------------------------|------|
| 1    | 23180557 | LATCH, DOOR (NEMA 4) 28mm HEAD / 28mm OFFSET | 2    |

## STARTER BOX (INTELLISYS) ASSEMBLY DRAWING AND PARTS LIST

### Assemble Solenoid Valve and Pressure Transducer to Bracket



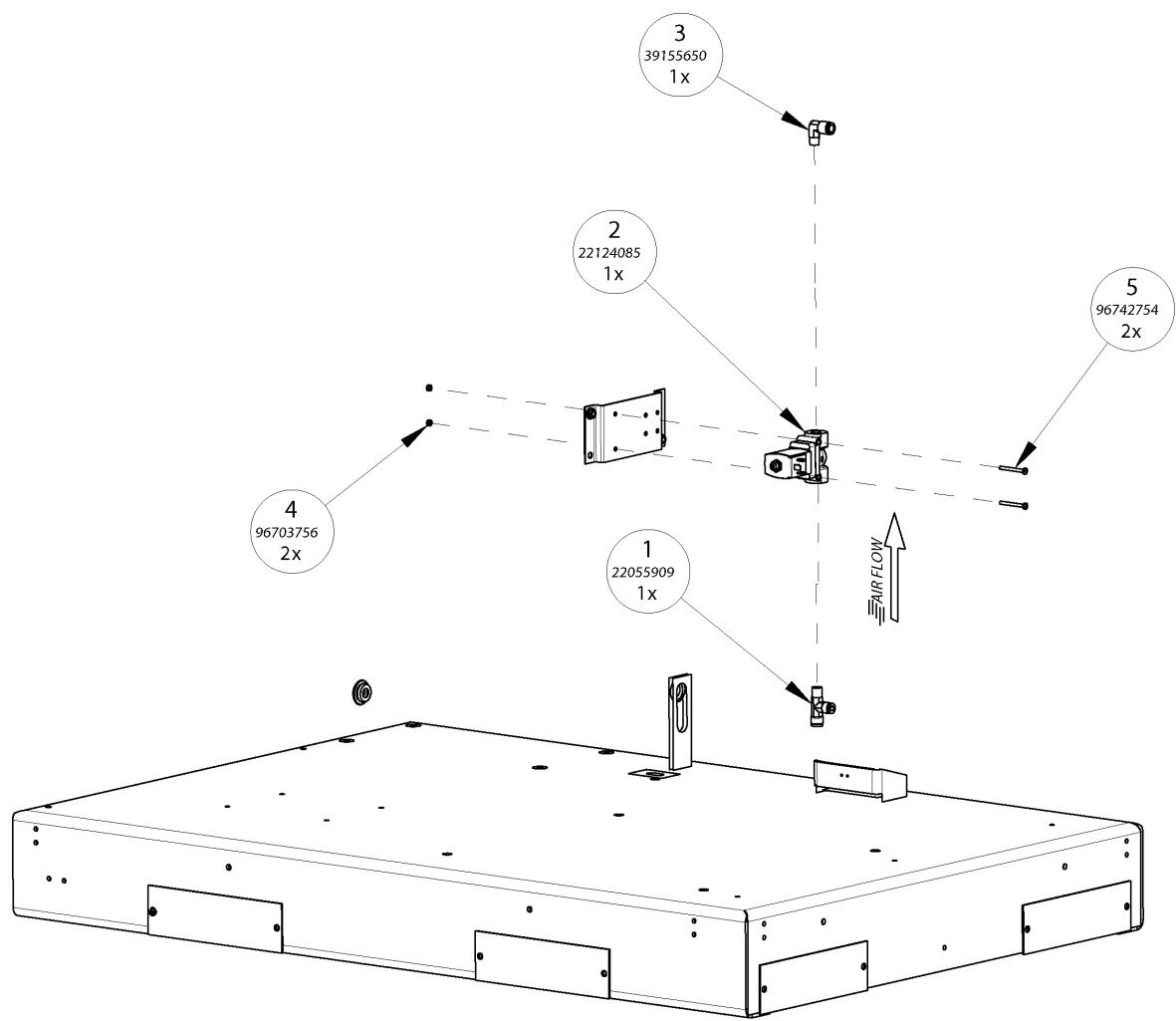
(Dwg. 22179634E8)

### PARTS LIST

| Item | Part No. | Description                                                   | Qty. |
|------|----------|---------------------------------------------------------------|------|
| 1    | 22163869 | ADAPTOR, CONVERSION (0.125 BSPP x 0.125 NPT)                  | 1    |
| 2    | 22289797 | VALVE, 3-WAY UNIVERSAL FUNCTION SOLENOID (0.125 NPT, 200 PSI) | 1    |
| 3    | 39155577 | ELBOW, 0.125 NPT x 0.25 INCH TUBING                           | 2    |
| 4    | 39853809 | TRANSDUCER, 0-225 PSI                                         | 1    |
| 5    | 96743182 | SCREW, HEX SOCKET BUTTON HEAD M4 x 10 LONG                    | 4    |

# STARTER BOX (INTELLISYS) ASSEMBLY DRAWING AND PARTS LIST

## Assemble Solenoid Valve to Bracket



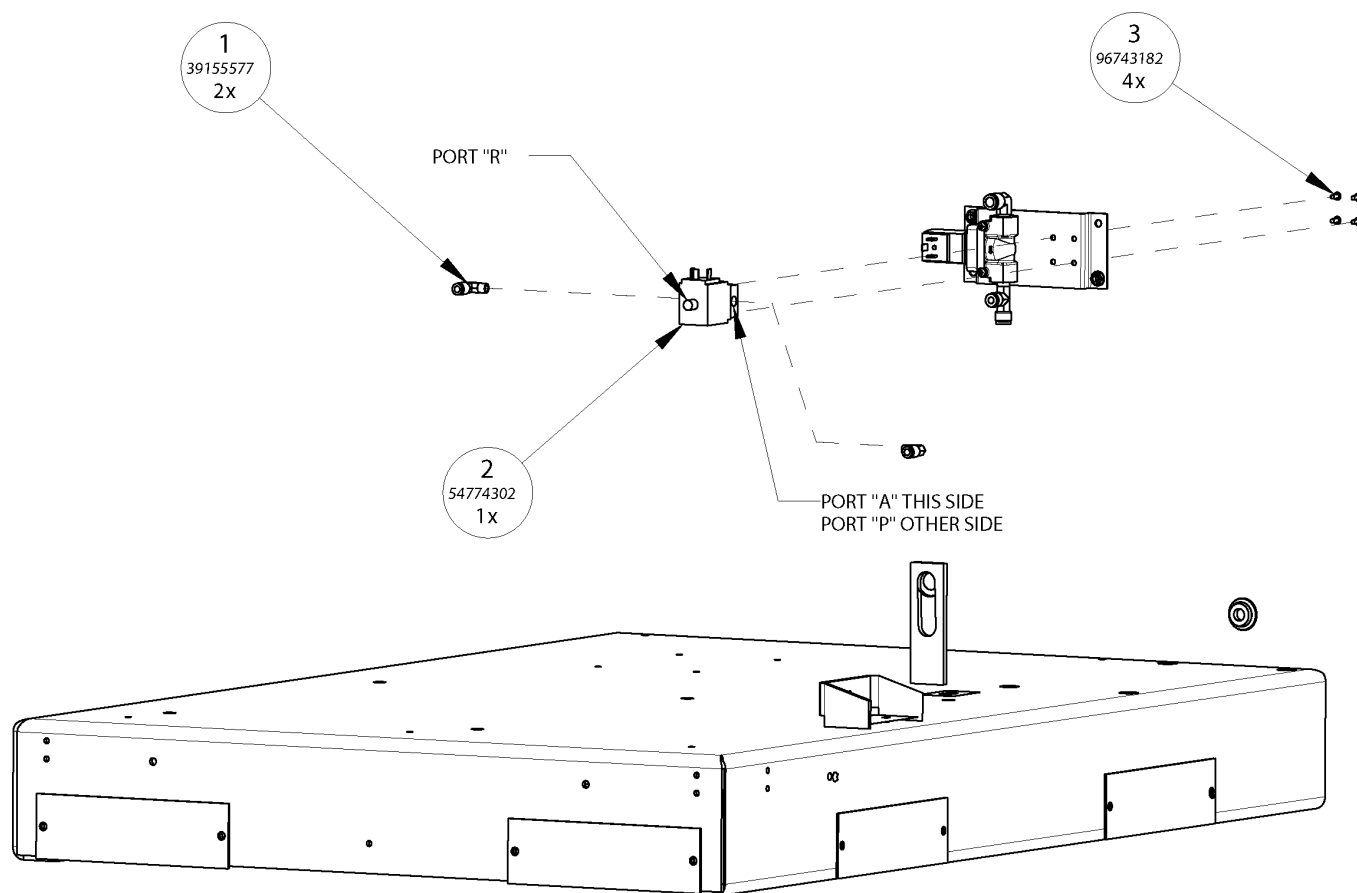
(Dwg. 22179634E9)

### PARTS LIST

| Item | Part No. | Description                                                      | Qty. |
|------|----------|------------------------------------------------------------------|------|
| 1    | 22055909 | TEE, MALE RUN SYNFLEX 0.38 INCH TUBE x 0.25 INCH TUBE x 0.25 NPT | 1    |
| 2    | 22124085 | VALVE, SOLENOID - 0.25 NPT BLOWDOWN                              | 1    |
| 3    | 39155650 | ELBOW, 0.25 NPT x 0.38 INCH TUBING                               | 1    |
| 4    | 96703756 | NUT, HEX M4-0.7                                                  | 2    |
| 5    | 96742754 | SCREW, MACHINE PAN HEAD M4 x 40 LONG                             | 2    |

# STARTER BOX (INTELLISYS) ASSEMBLY DRAWING AND PARTS LIST

## Assemble Solenoid Valve to Bracket



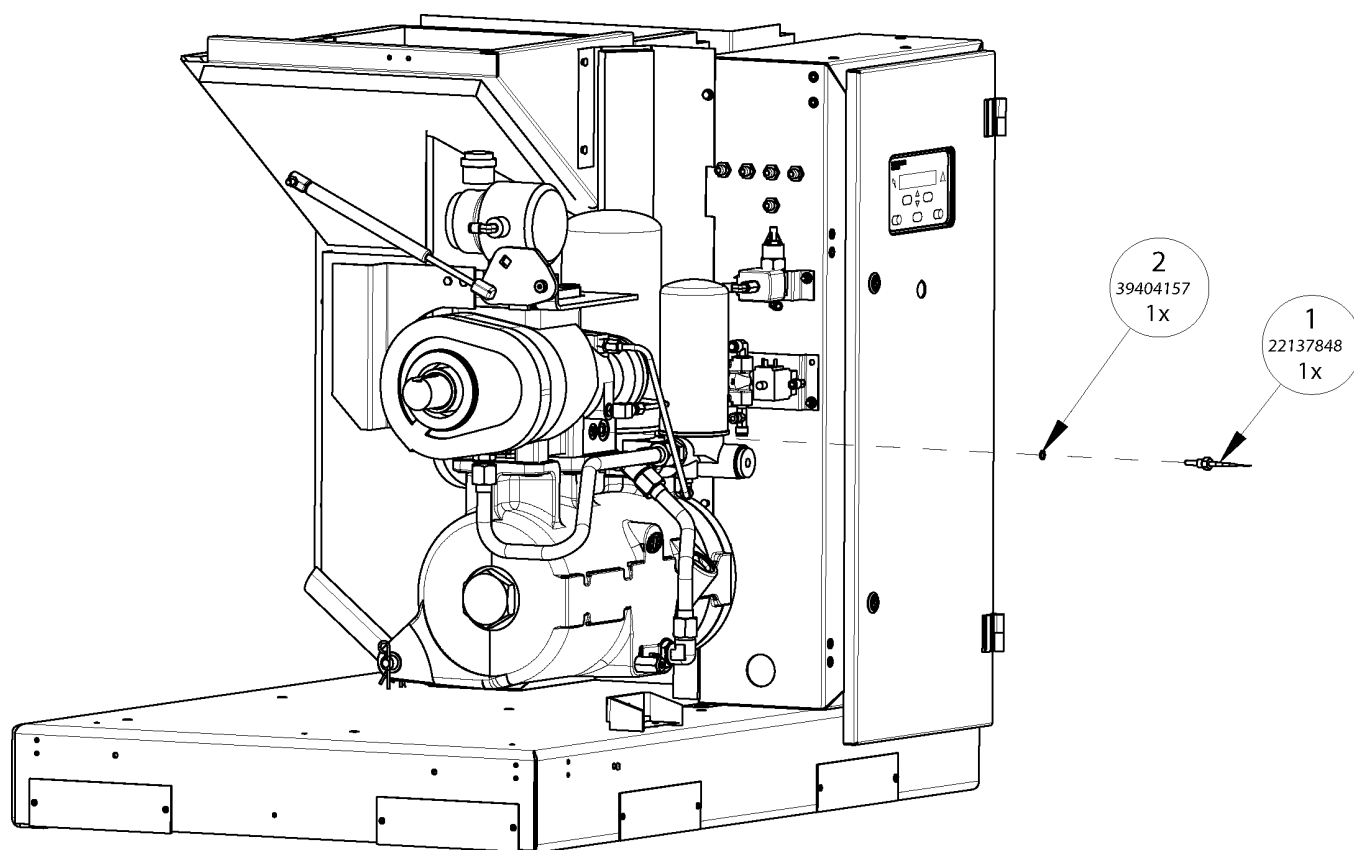
(Dwg. 22179634E10)

### PARTS LIST

| Item | Part No. | Description                                | Qty. |
|------|----------|--------------------------------------------|------|
| 1    | 39155577 | ELBOW, 0.125 NPT x 0.25 INCH TUBING        | 2    |
| 2    | 54774302 | VALVE, SOLENOID 0.125 NPT, 110 V 50/60 Hz  | 1    |
| 3    | 96743182 | SCREW, HEX SOCKET BUTTON HEAD M4 x 10 LONG | 4    |

# STARTER BOX (INTELLISYS) ASSEMBLY DRAWING AND PARTS LIST

## Assemble Thermistor



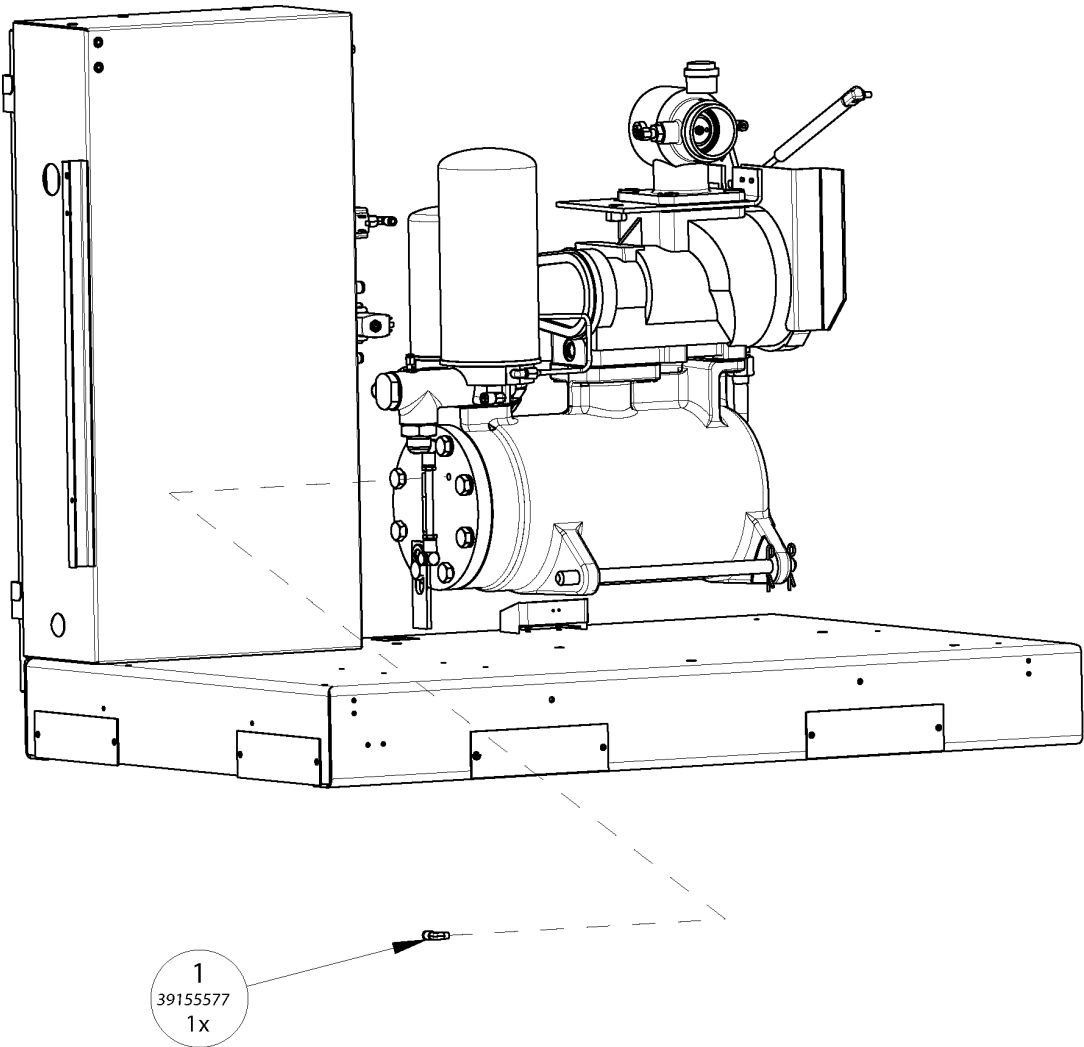
(Dwg. 22179634E11)

## PARTS LIST

| Item | Part No. | Description                              | Qty. |
|------|----------|------------------------------------------|------|
| 1    | 22137848 | SENSOR, TEMPERATURE THERMISTOR           | 1    |
| 2    | 39404157 | O-RING, ID 0.351 INCH x WIDTH 0.072 INCH | 1    |

STARTER BOX (INTELLISYS) ASSEMBLY DRAWING AND PARTS LIST

Assemble Elbow to Separator Cover



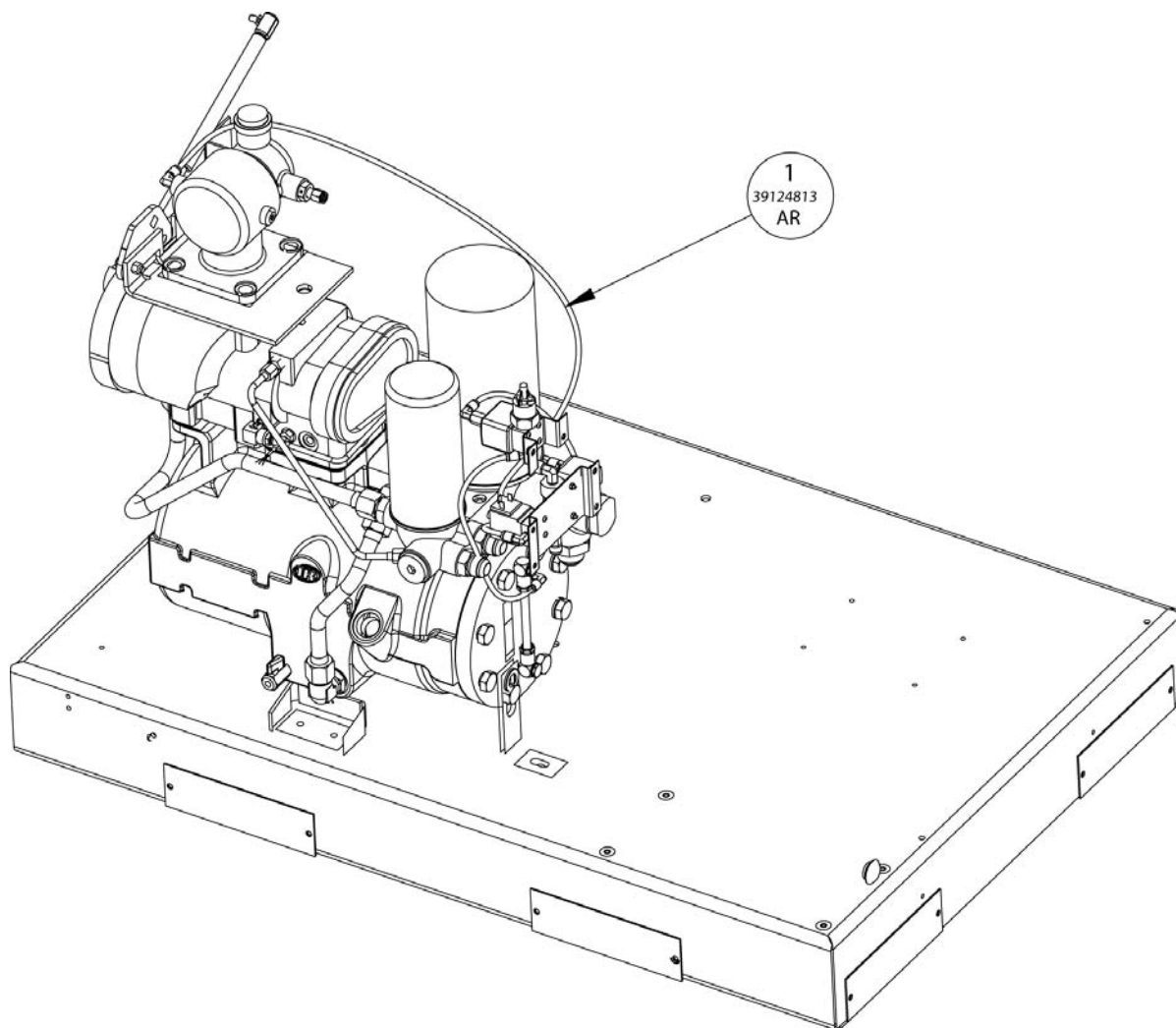
(Dwg. 22179634E12)

PARTS LIST

| Item | Part No. | Description                        | Qty. |
|------|----------|------------------------------------|------|
| 1    | 39155577 | ELBOW, 0.13 NPT x 0.25 INCH TUBING | 1    |

## STARTER BOX (INTELLISYS) ASSEMBLY DRAWING AND PARTS LIST

### Assemble 0.25 Inch Tubing



(Dwg. 22179634E13)

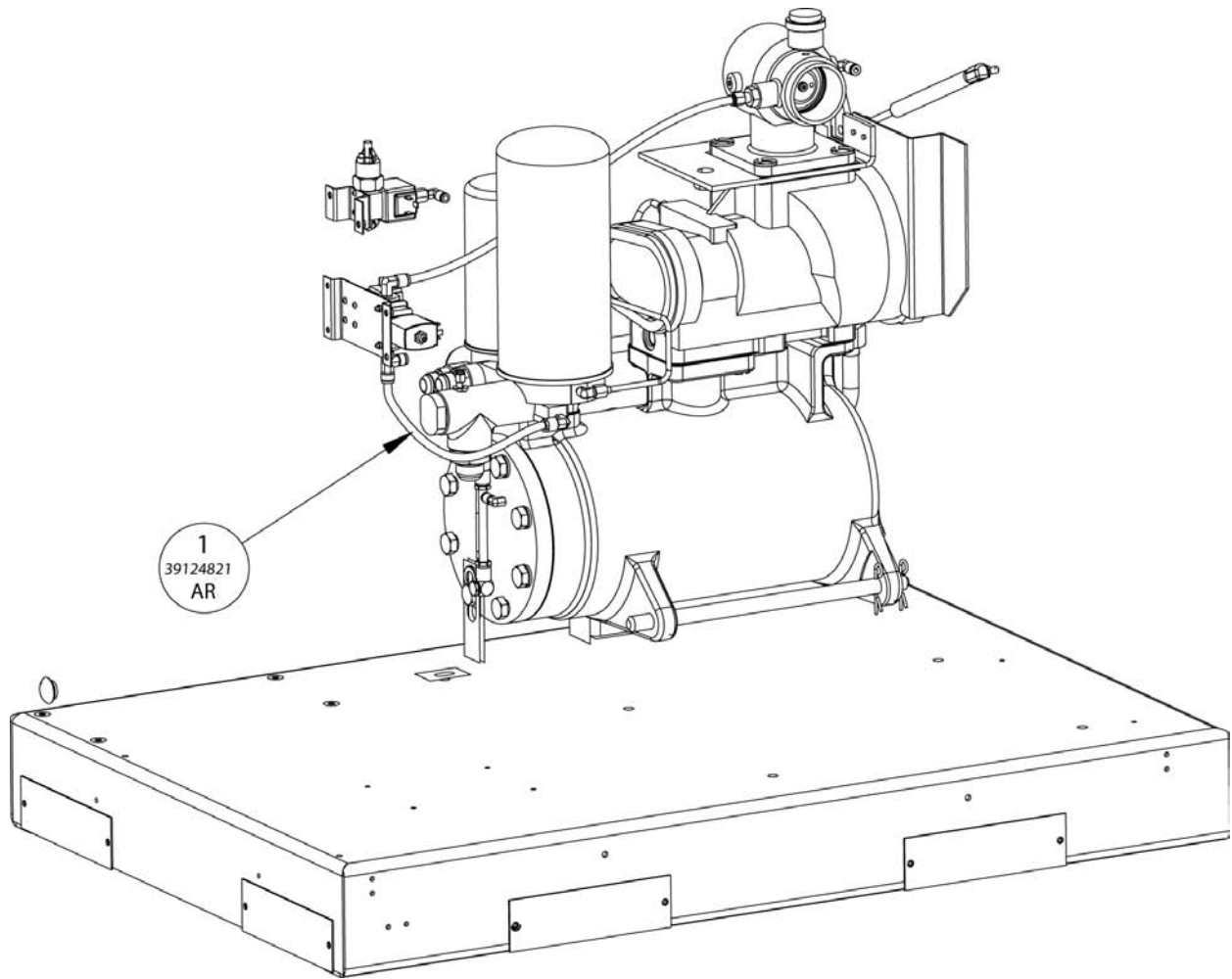
### PARTS LIST

| Item | Part No. | Description                | Qty. |
|------|----------|----------------------------|------|
| 1    | 39124813 | TUBING, 0.25 INCH SYNDFLEX | AR   |

AR - AS REQUIRED.

# STARTER BOX (INTELLISYS) ASSEMBLY DRAWING AND PARTS LIST

## Assemble 0.38 Inch Tubing



(Dwg. 22179634E14)

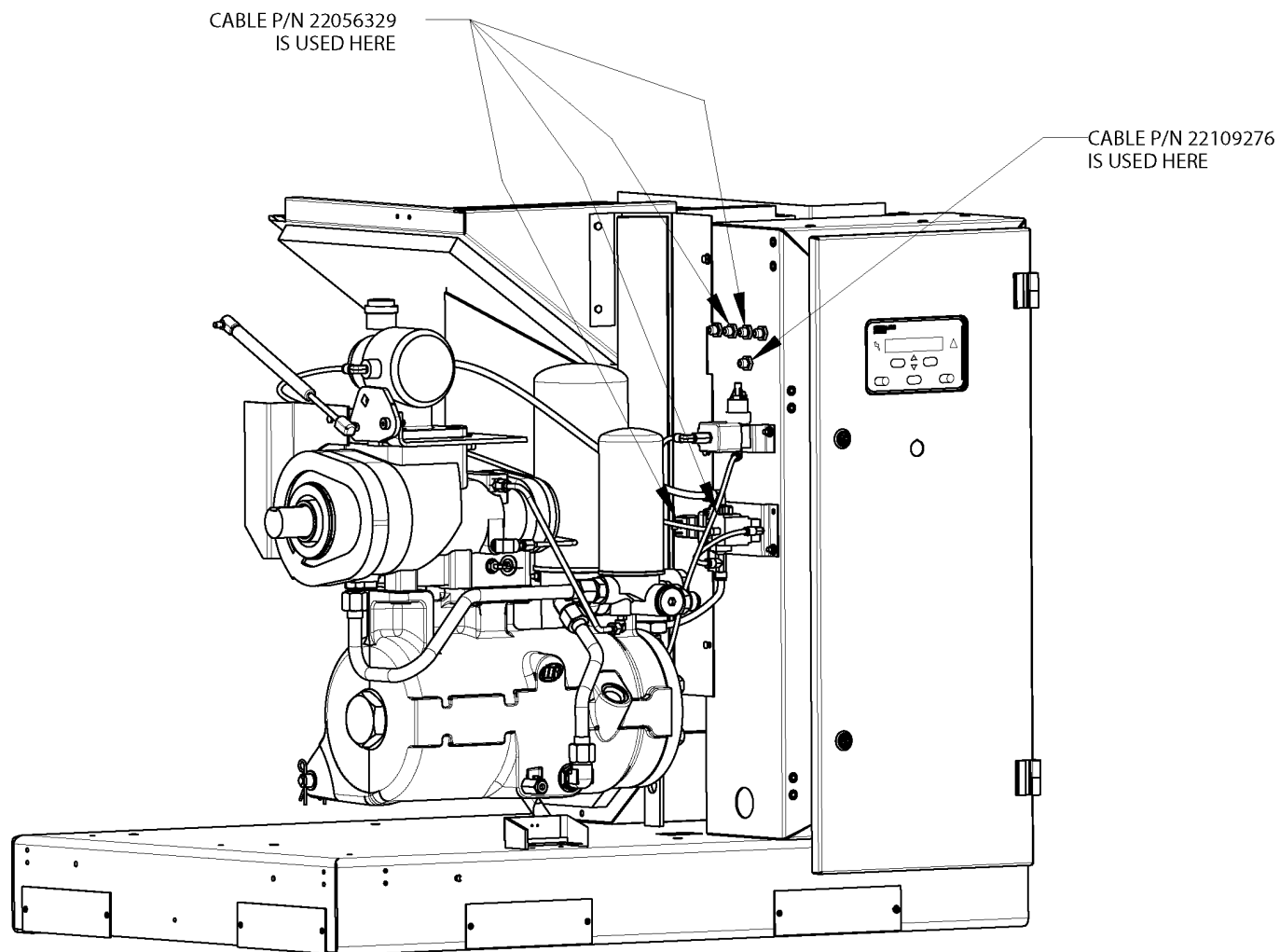
### PARTS LIST

| Item | Part No. | Description                | Qty. |
|------|----------|----------------------------|------|
| 1    | 39124821 | TUBING, 0.38 INCH SYN FLEX | AR   |

AR - AS REQUIRED.

# STARTER BOX (INTELLISYS) ASSEMBLY DRAWING AND PARTS LIST

## Assemble Solenoid Cable Assemblies



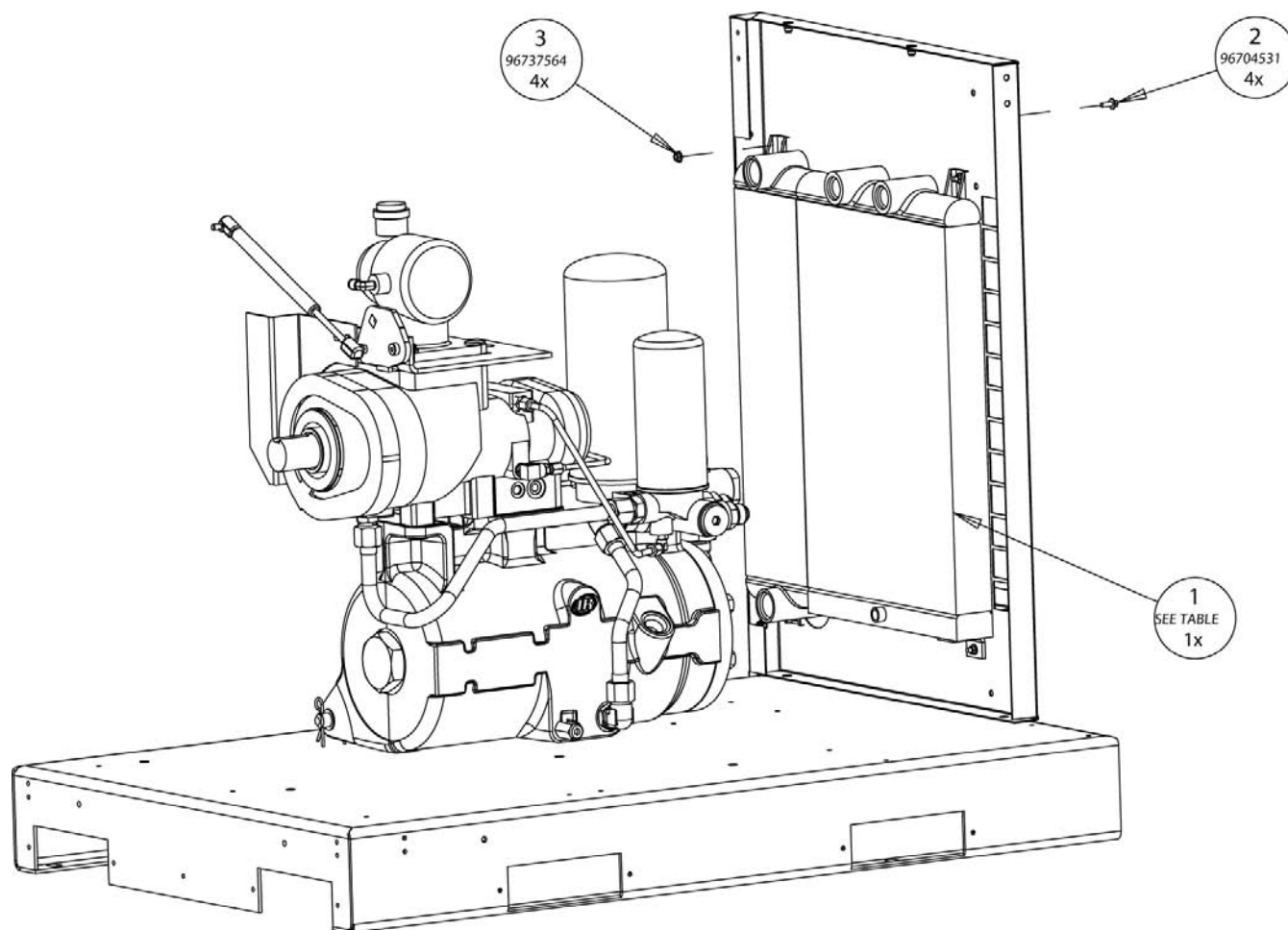
(Dwg. 22179634E15)

## PARTS LIST

| Item | Part No. | Description                             | Qty. |
|------|----------|-----------------------------------------|------|
| 1    | 22056329 | ASSEMBLY, CABLE (SOLENOID VALVE)        | 2    |
| 2    | 22109276 | ASSEMBLY, CABLE (10SV - SOLENOID VALVE) | 1    |

## COOLER ASSEMBLY DRAWING AND PARTS LIST

### Assemble Cooler



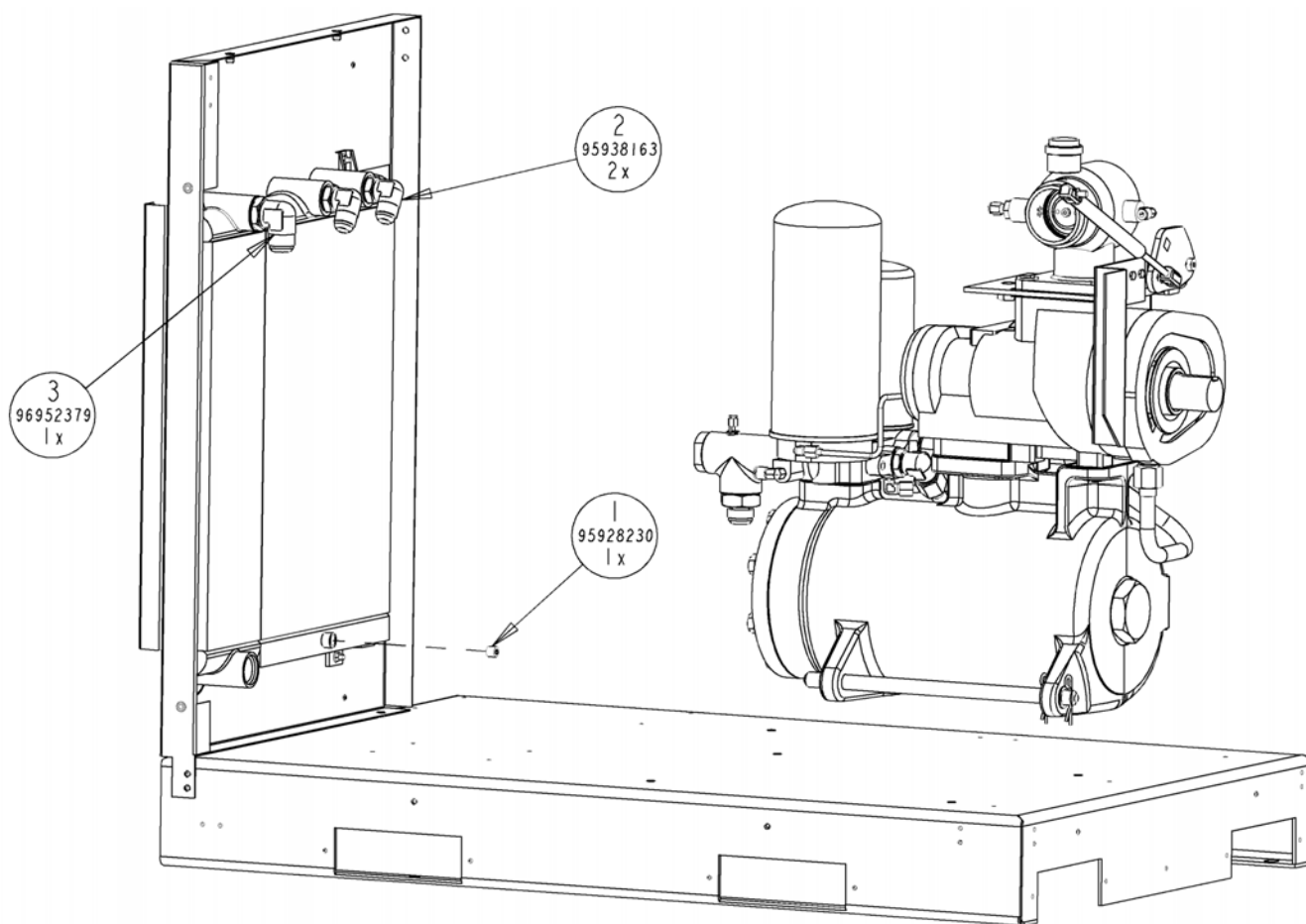
(Dwg. 22171300F2)

### PARTS LIST

| Item | Part No. | Description                                    | Qty. |
|------|----------|------------------------------------------------|------|
| 1    | 22082499 | COOLER, COMBINATION, 11 - 15 kW / 15-20 hp     | 1    |
|      | 54753918 | COOLER, COMBINATION, 18.5 - 5-22 kW / 25-30 hp | 1    |
| 2    | 96704531 | SCREW, HEX HEAD FLANGE M6 x 16 LONG            | 4    |
| 3    | 96737564 | NUT, HEX FLANGE LOCK SERRATED M6-1             | 4    |

## COOLER ASSEMBLY DRAWING AND PARTS LIST

### Assemble Cooler Fittings



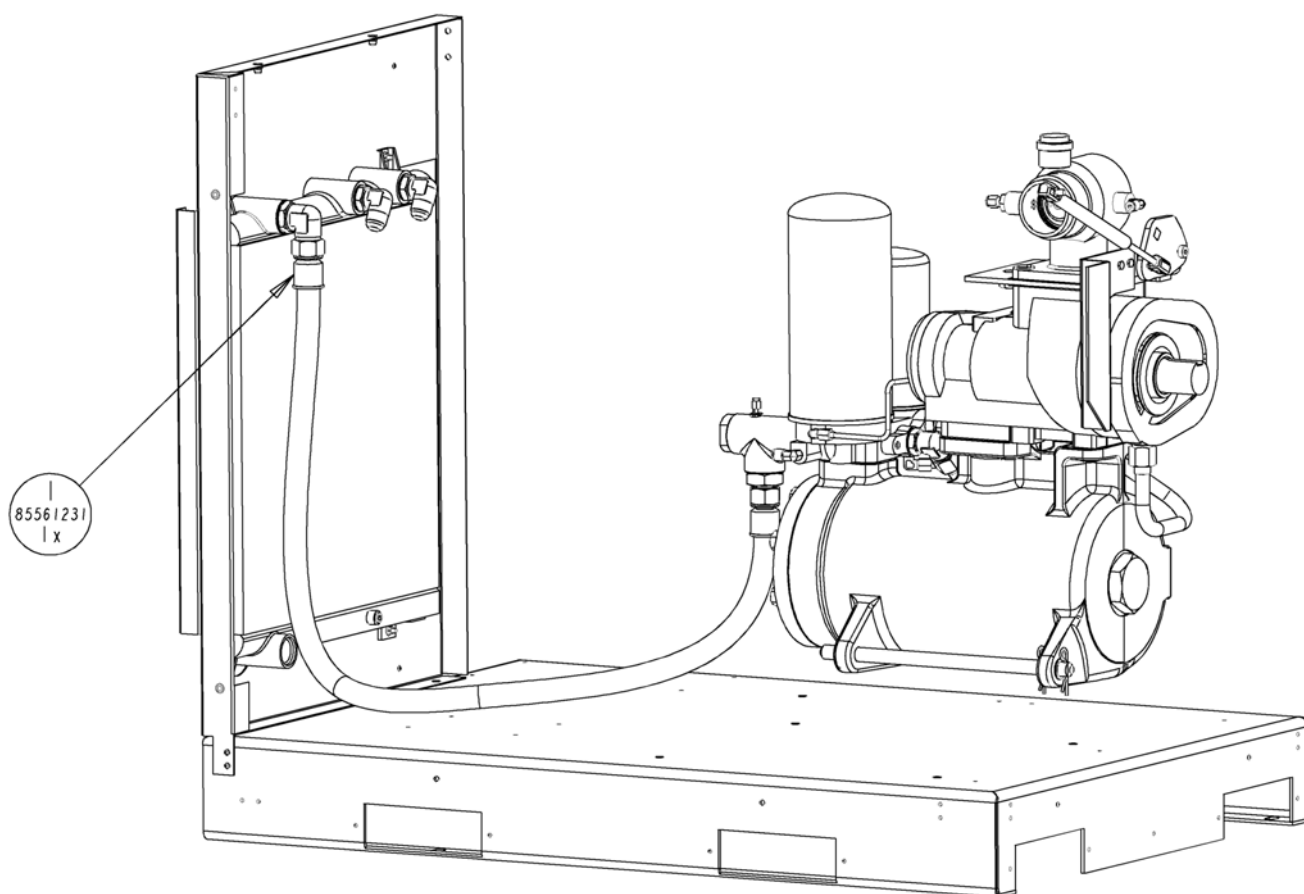
(Dwg. 22171300F3)

### PARTS LIST

| Item | Part No. | Description                           | Qty. |
|------|----------|---------------------------------------|------|
| 1    | 95928230 | PLUG, SOCKET 0.25 NPT                 | 1    |
| 2    | 95938163 | ELBOW, 0.75 INCH TUBE x 1.06 INCH SAE | 2    |
| 3    | 96952379 | ELBOW, 1.00 INCH TUBE x 1.31 INCH SAE | 1    |

## COOLER ASSEMBLY DRAWING AND PARTS LIST

### Assemble Air Discharge Hose



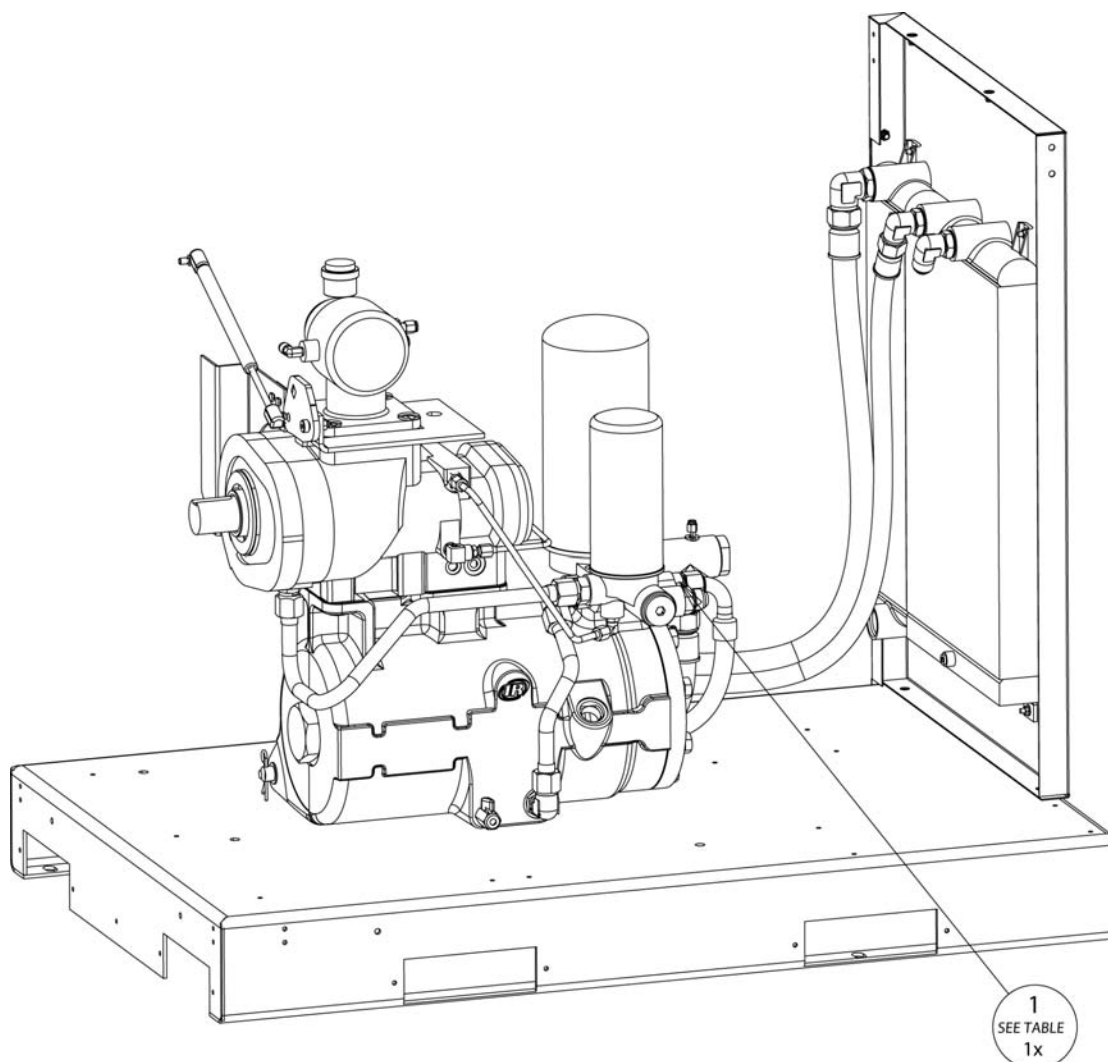
(Dwg. 22171300F4)

### PARTS LIST

| Item | Part No. | Description                                  | Qty. |
|------|----------|----------------------------------------------|------|
| 1    | 85561231 | HOSE, HYDRAULIC STR x STR -16 x 62 INCH LONG | 1    |

## COOLER ASSEMBLY DRAWING AND PARTS LIST

### Assemble Hose From the Cooler to the Separator



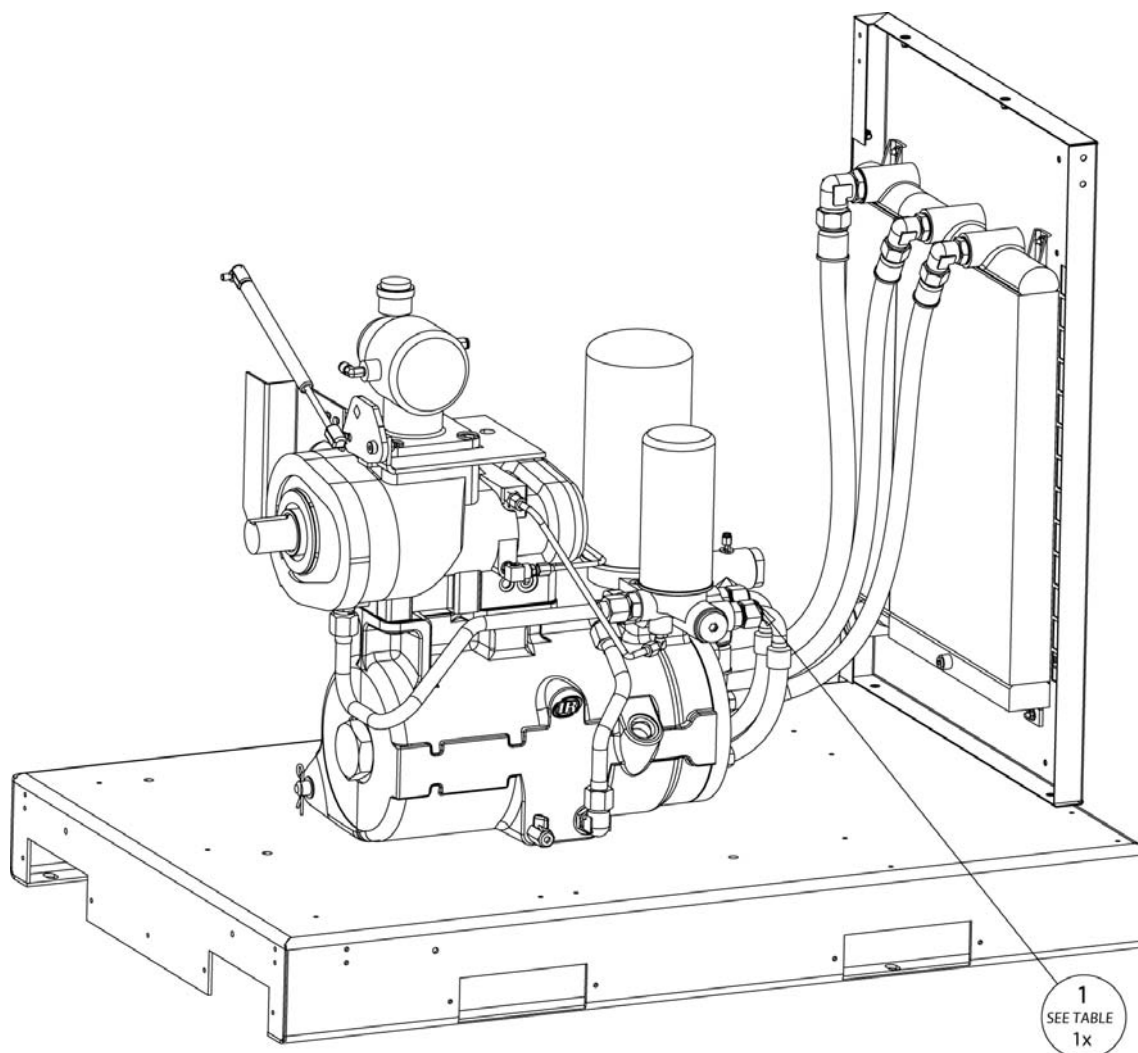
(Dwg. 22171300F5)

### PARTS LIST

| Item | Part No. | Description                                          | Qty. |
|------|----------|------------------------------------------------------|------|
| 1    | 24279200 | HOSE, HYDRAULIC STR X 90 - 12 x 72 INCH LONG, PTFE   | 1    |
|      | 48662373 | HOSE, HYDRAULIC STR X 90 - 12 x 72 INCH LONG, RUBBER | 1    |

## COOLER ASSEMBLY DRAWING AND PARTS LIST

Assemble Hose from the Separator to the Cooler



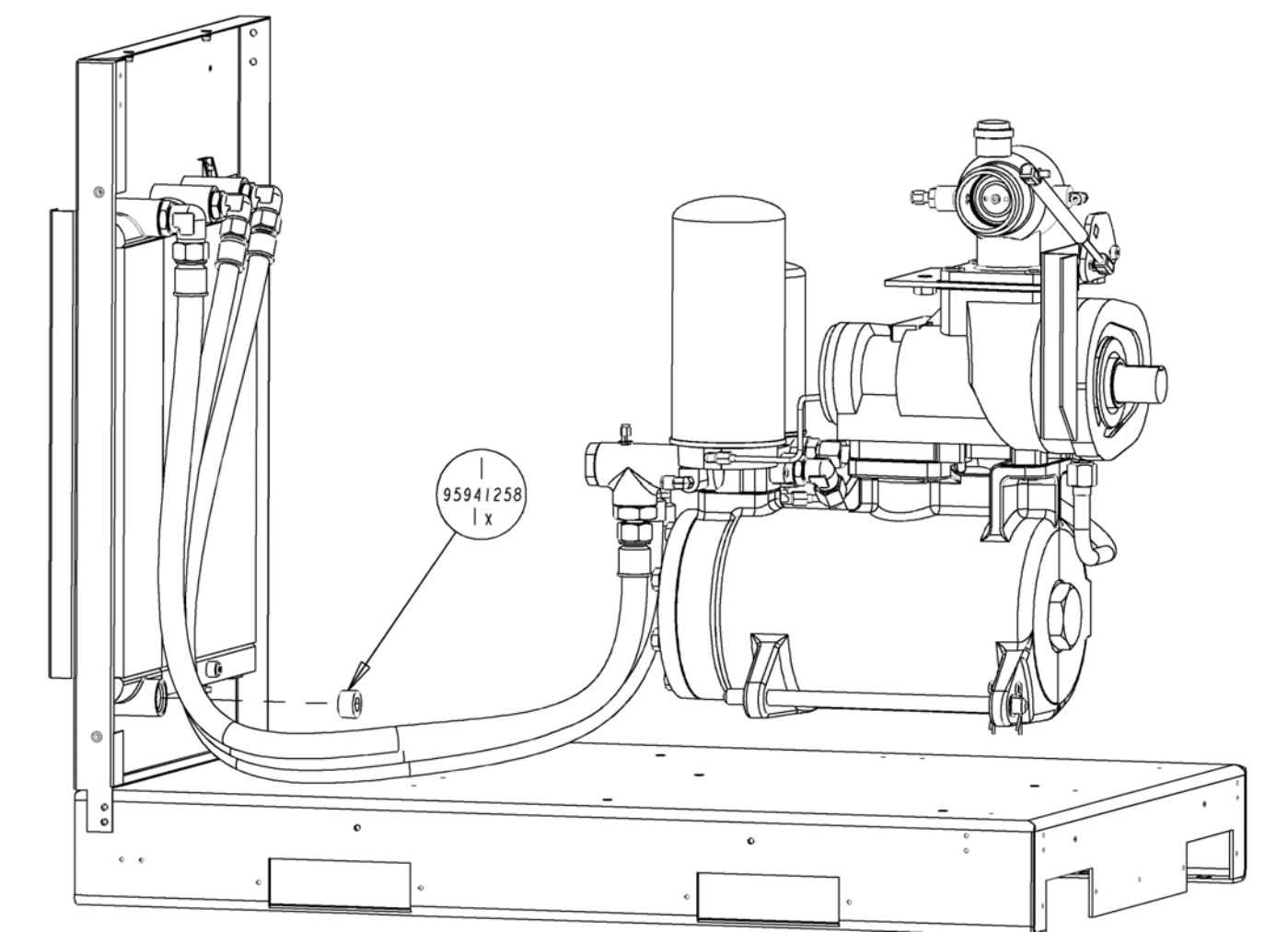
(Dwg. 22171300F6)

### PARTS LIST

| Item | Part No. | Description                                          | Qty. |
|------|----------|------------------------------------------------------|------|
| 1    | 24279200 | HOSE, HYDRAULIC STR x 90 - 12 x 72 INCH LONG, PTFE   | 1    |
|      | 48662373 | HOSE, HYDRAULIC STR X 90 - 12 x 72 INCH LONG, RUBBER | 1    |

# COOLER ASSEMBLY DRAWING AND PARTS LIST

Assemble Cooler Plug from Non-Dryer Units only



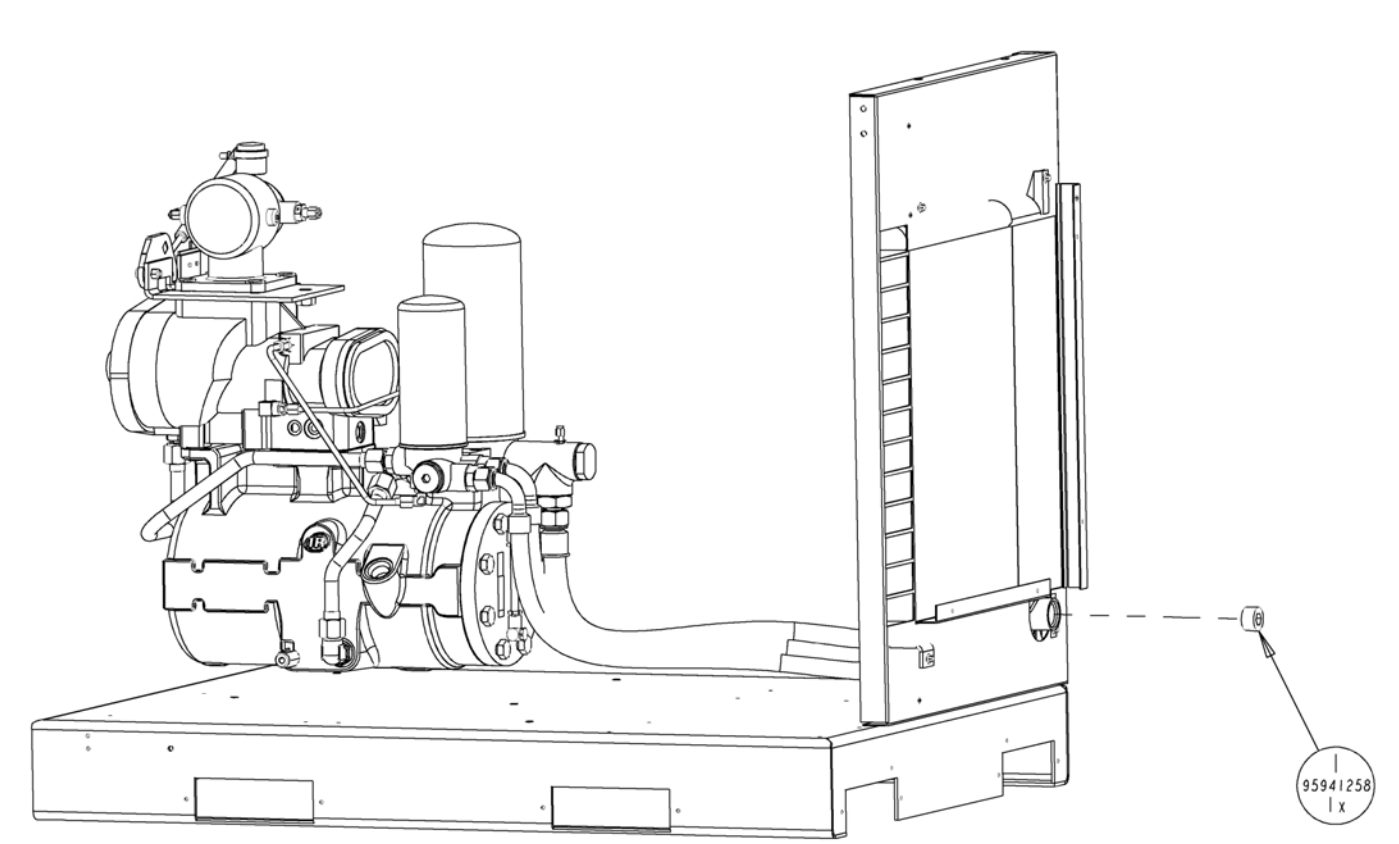
(Dwg. 22171300F7)

## PARTS LIST

| Item | Part No. | Description           | Qty. |
|------|----------|-----------------------|------|
| 1    | 95941258 | PLUG, SOCKET 1.00 NPT | 1    |

# COOLER ASSEMBLY DRAWING AND PARTS LIST

Assemble Plug for Dryer Option only



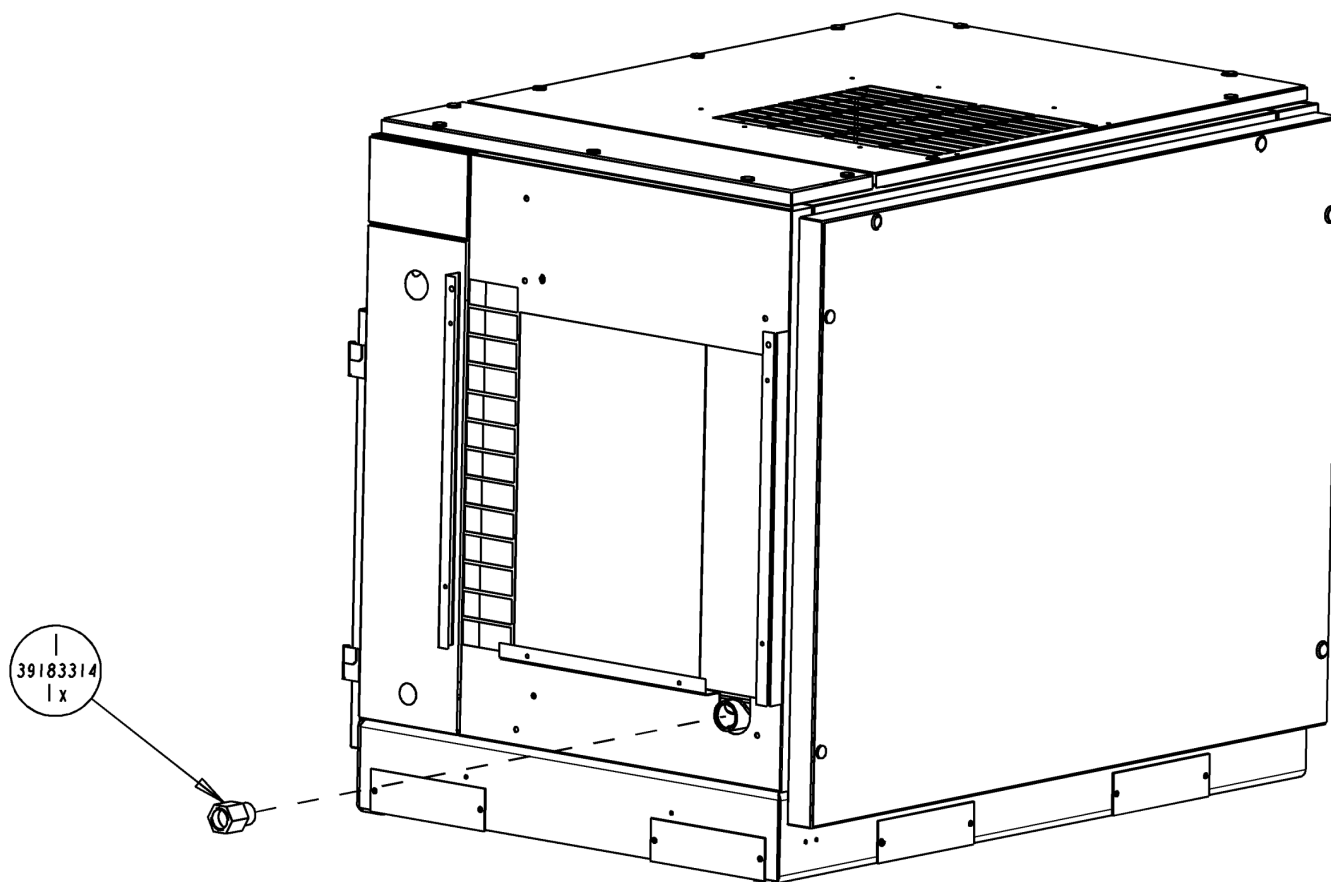
(Dwg. 22171300F8)

## PARTS LIST

| Item | Part No. | Description           | Qty. |
|------|----------|-----------------------|------|
| 1    | 95941258 | PLUG, SOCKET 1.00 NPT | 1    |

# COOLER DISCHARGE CONNECTION OPTION ASSEMBLY DRAWING AND PARTS LIST

Assemble BSPT Cooler Connection (This is to be used on Non-Dryer Units and Non-Tank Mounted Units)



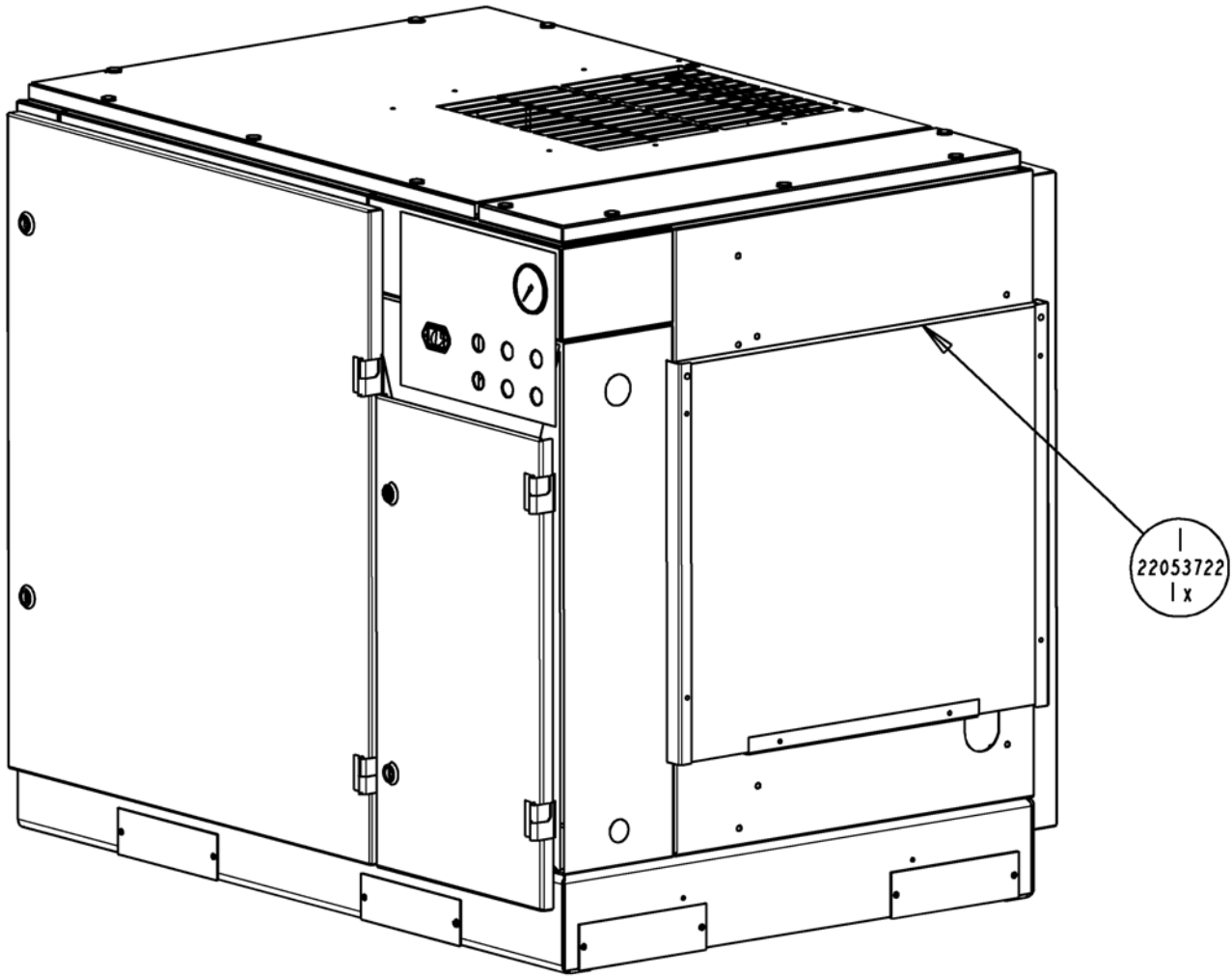
(Dwg. 22174130A2)

## PARTS LIST

| Item | Part No. | Description                                     | Qty. |
|------|----------|-------------------------------------------------|------|
| 1    | 39183314 | ADAPTER, 1.00 NPT MALE TO 1.00 JIS/ BSPT FEMALE | 1    |

## PANEL FILTER ASSEMBLY DRAWING AND PARTS LIST

### Assemble Panel Filter



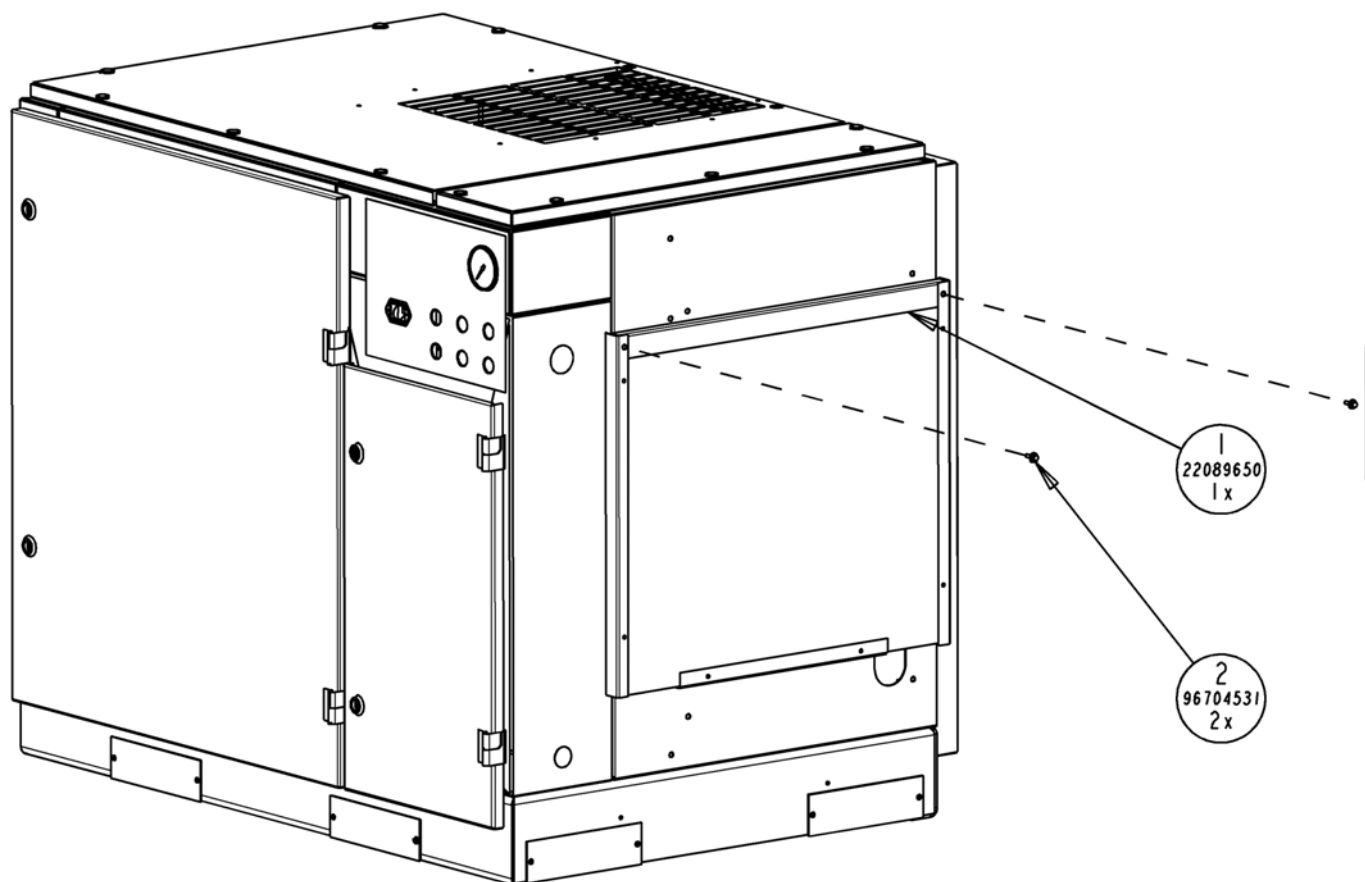
(Dwg. 22171029A2)

### PARTS LIST

| Item | Part No. | Description     | Qty. |
|------|----------|-----------------|------|
| 1    | 22053722 | PAD, PRE-FILTER | 1    |

## PANEL FILTER ASSEMBLY DRAWING AND PARTS LIST

### Assemble Panel Filter Bracket



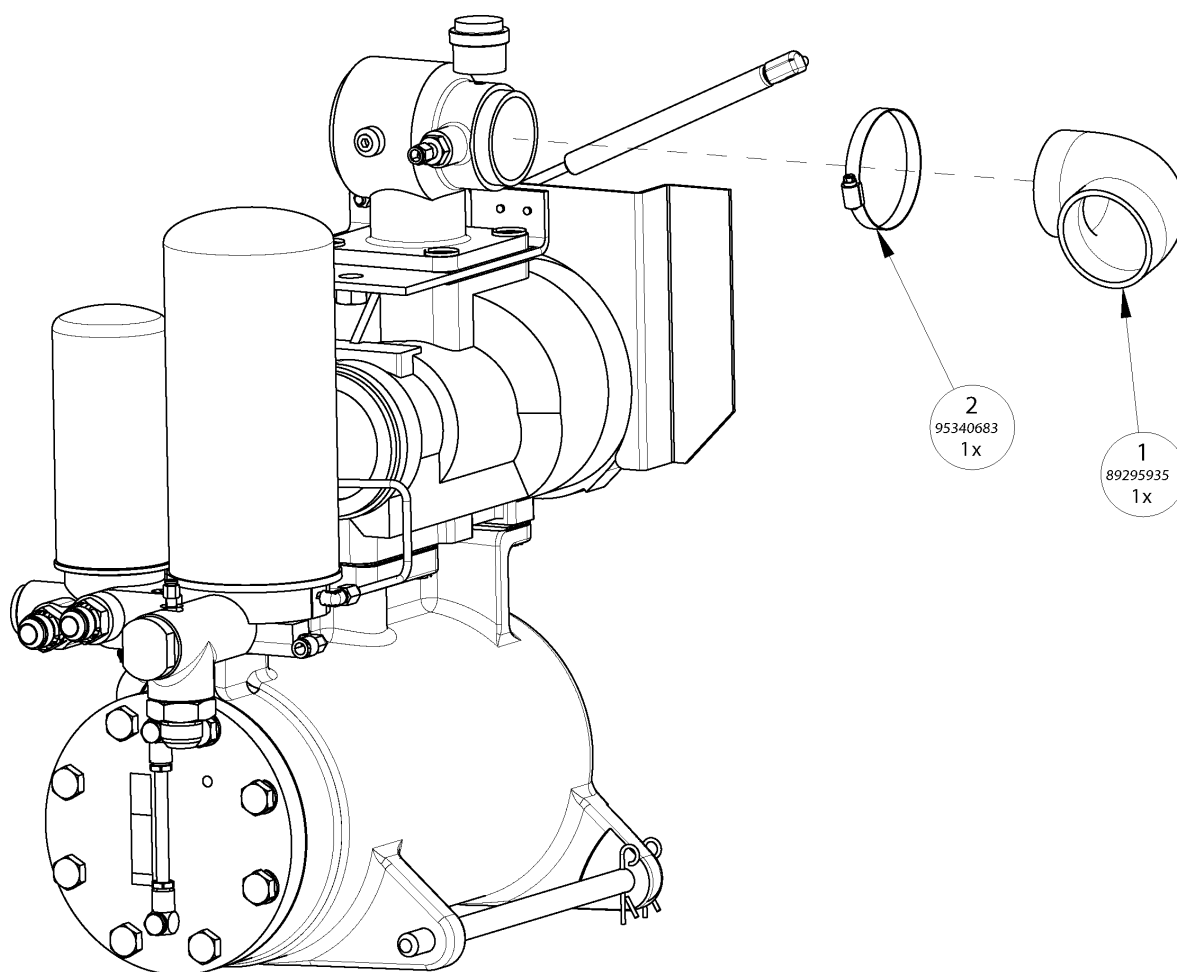
(Dwg. 22171029A3)

### PARTS LIST

| Item | Part No. | Description                         | Qty. |
|------|----------|-------------------------------------|------|
| 1    | 22089650 | ANGLE, PRE-FILTER                   | 1    |
| 2    | 96704531 | SCREW, HEX HEAD FLANGE M6 x 16 LONG | 2    |

## STANDARD AIR FILTER ASSEMBLY DRAWING AND PARTS LIST

### Assemble Rubber Elbow



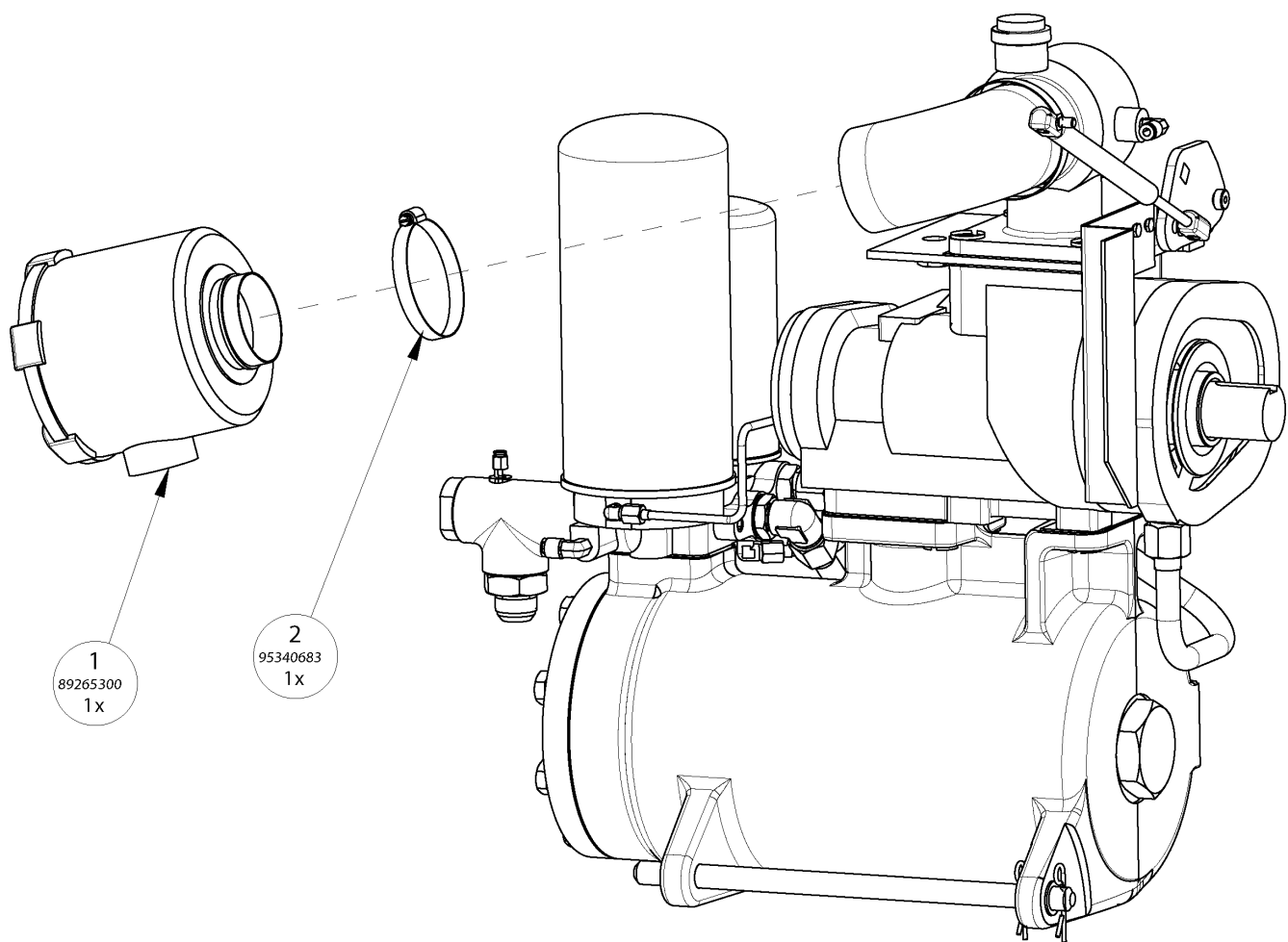
(Dwg. 22173942C2)

### PARTS LIST

| Item | Part No. | Description                              | Qty. |
|------|----------|------------------------------------------|------|
| 1    | 89295935 | HOSE, AIR FILTER UNLOADER (90° BEND)     | 1    |
| 2    | 95340683 | CLAMP, HOSE, WORM DRIVE, STAINLESS STEEL | 1    |

# STANDARD AIR FILTER ASSEMBLY DRAWING AND PARTS LIST

## Assemble Air Filter



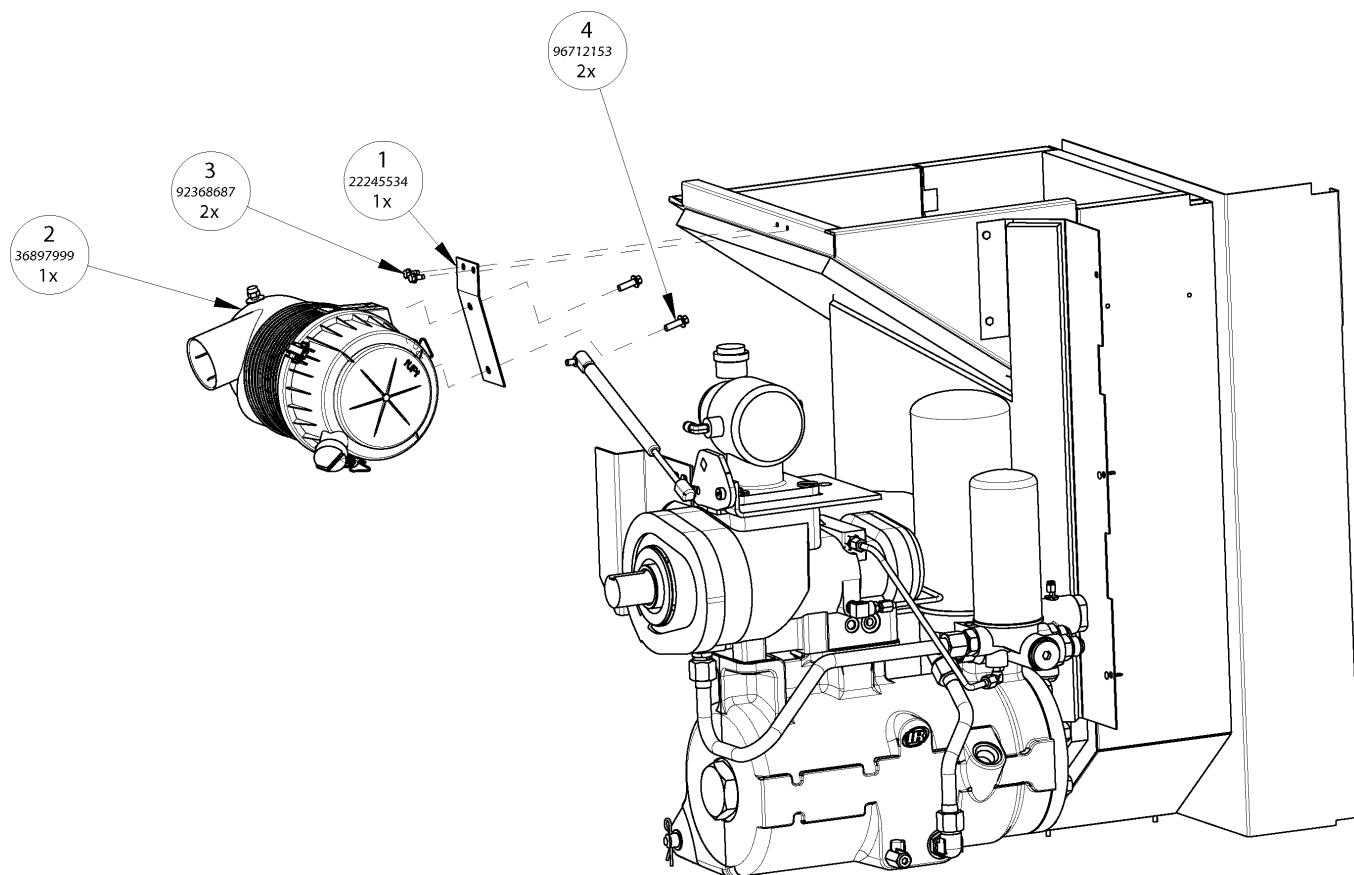
(Dwg. 22173942C3)

### PARTS LIST

| Item | Part No. | Description                              | Qty. |
|------|----------|------------------------------------------|------|
| 1    | 89265300 | AIR FILTER                               | 1    |
| 2    | 95340683 | CLAMP, HOSE, WORM DRIVE, STAINLESS STEEL | 1    |

# HIGH DUST AIR FILTER ASSEMBLY DRAWING AND PARTS LIST

## Assemble Air Filter and Bracket



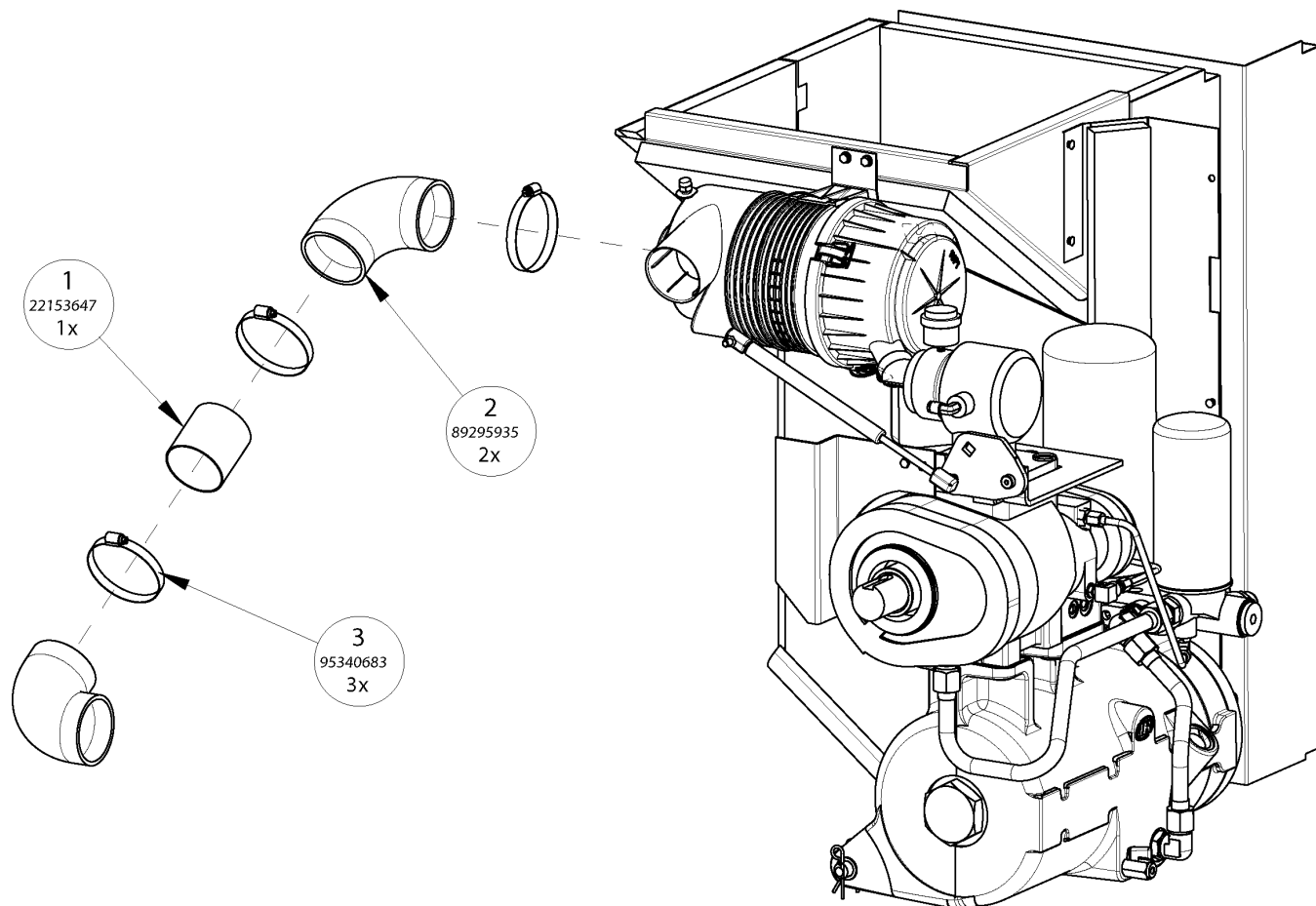
(Dwg. 22173959E2)

### PARTS LIST

| Item | Part No. | Description                           | Qty. |
|------|----------|---------------------------------------|------|
| 1    | 22245534 | BRACKET, HIGH DUST AIR FILTER SUPPORT | 1    |
| 2    | 36897999 | ASSEMBLY, AIR FILTER                  | 1    |
| 3    | 92368687 | SCREW, TAPTITE M6-1 x 14 LONG         | 2    |
| 4    | 96712153 | SCREW, HEX HEAD FLANGE M8 x 25 LONG   | 2    |

# HIGH DUST AIR FILTER ASSEMBLY DRAWING AND PARTS LIST

## Assemble Rubber Elbows



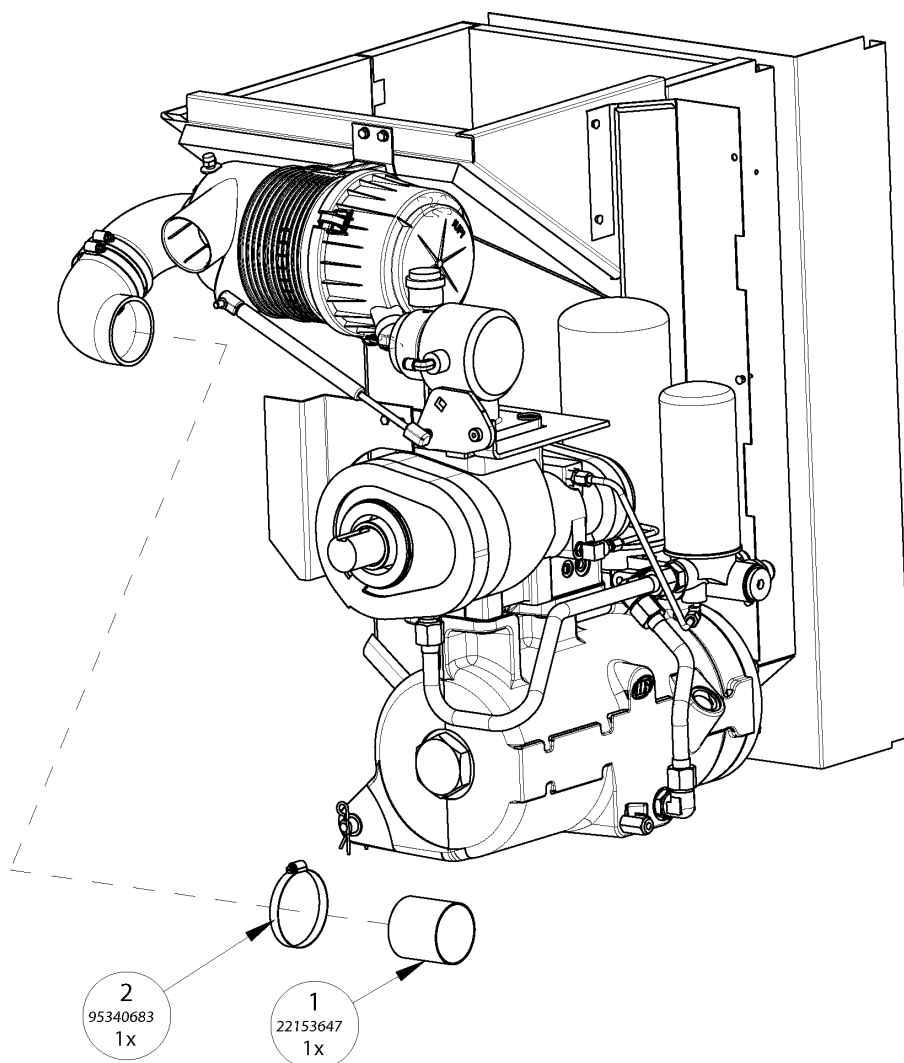
(Dwg. 22173959E3)

### PARTS LIST

| Item | Part No. | Description                            | Qty. |
|------|----------|----------------------------------------|------|
| 1    | 22153647 | COUPLING, INLET HOSE (75mm LONG)       | 1    |
| 2    | 89295935 | HOSE, AIR FILTER UNLOADER (90° BEND)   | 2    |
| 3    | 95340683 | CLAMP, HOSE WORM DRIVE STAINLESS STEEL | 3    |

## HIGH DUST AIR FILTER ASSEMBLY DRAWING AND PARTS LIST

### Assemble Coupling for Inlet Hose



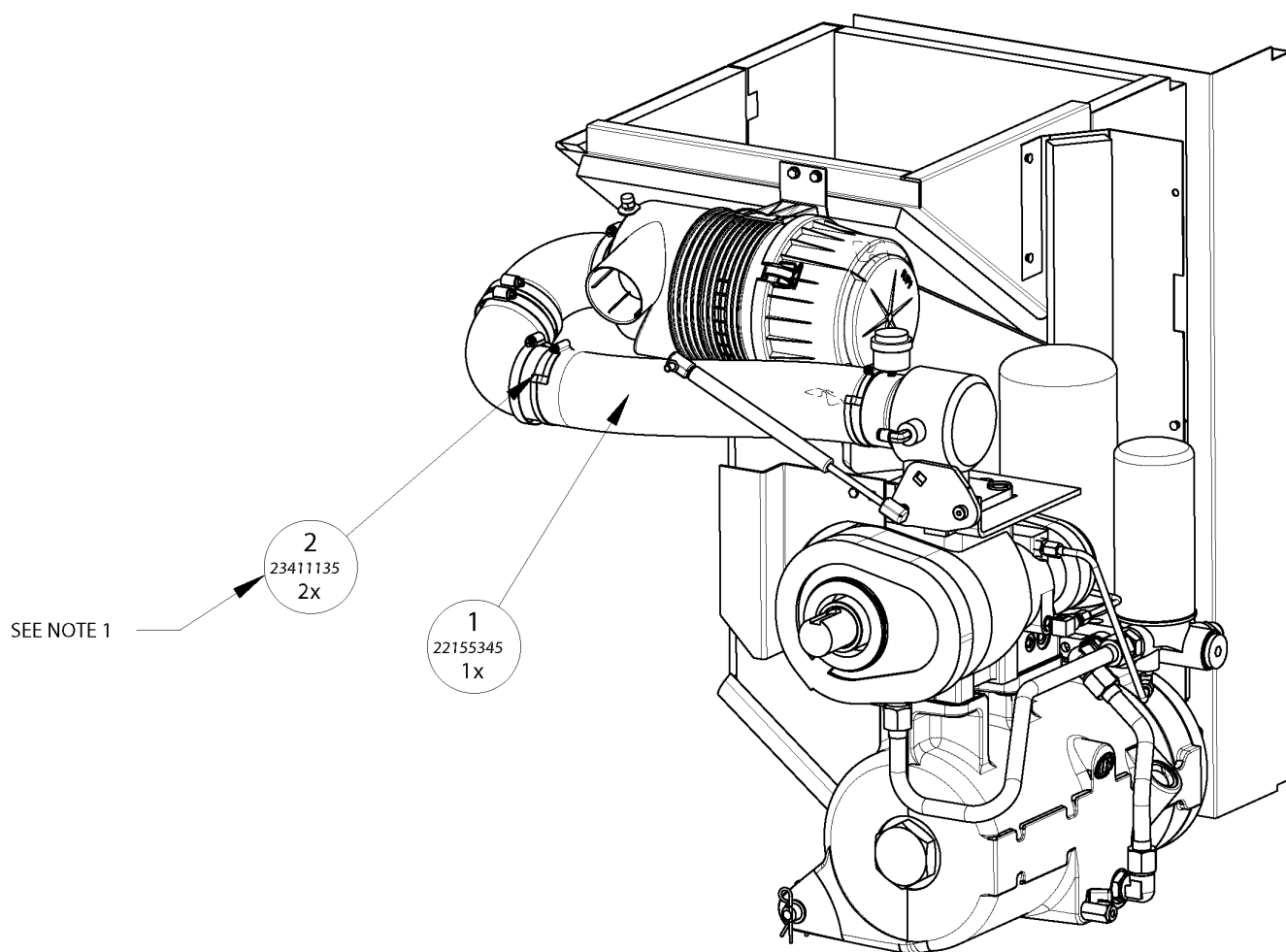
(Dwg. 22173959E4)

### PARTS LIST

| Item | Part No. | Description                              | Qty. |
|------|----------|------------------------------------------|------|
| 1    | 22153647 | COUPLING, INLET HOSE (75mm LONG)         | 1    |
| 2    | 95340683 | CLAMP, HOSE, WORM DRIVE, STAINLESS STEEL | 1    |

# HIGH DUST AIR FILTER ASSEMBLY DRAWING AND PARTS LIST

## Assemble Air Inlet Hose



(Dwg. 22173959E5)

### PARTS LIST

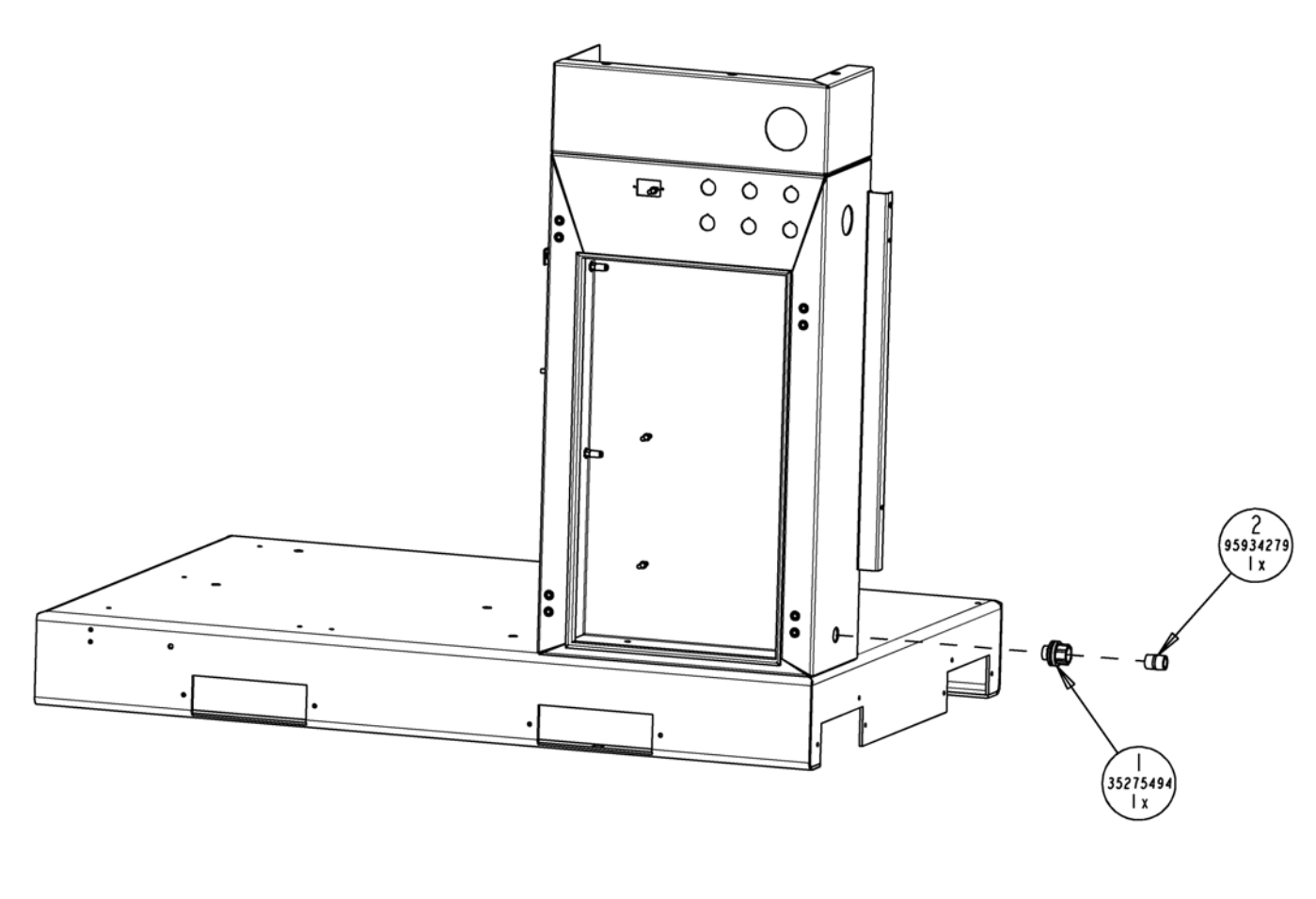
| Item | Part No. | Description                  | Qty. |
|------|----------|------------------------------|------|
| 1    | 22155345 | HOSE, AIR INLET (515mm LONG) | 1    |
| 2    | 23411135 | CLAMP, BRIDGE (3 INCH)       | 2    |

### NOTES:

1. ENSURE BRIDGE ON CLAMP IS ALIGNED WITH WIRE IN HOSE.

PORO OPTION ASSEMBLY DRAWING AND PARTS LIST

Assemble Hub Connector



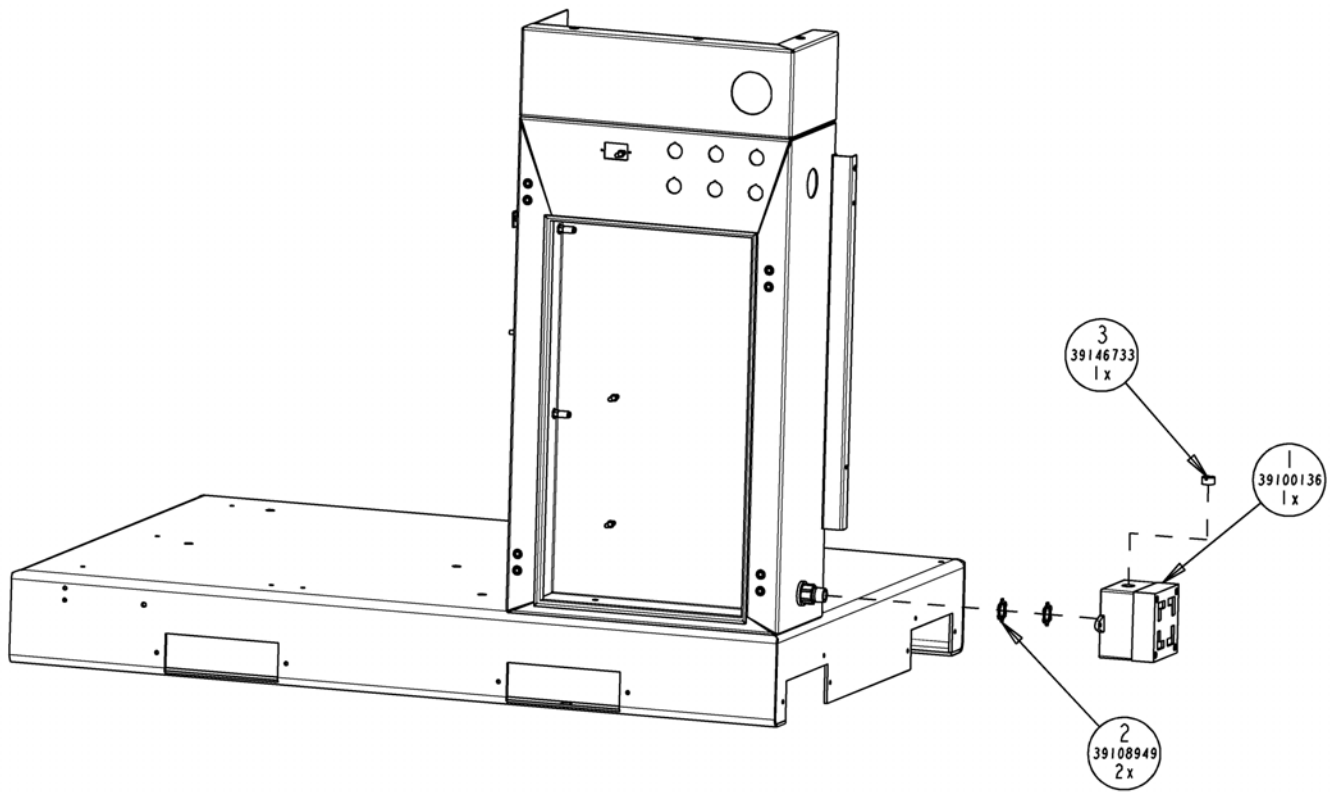
(Dwg. 22173967A2)

PARTS LIST

| Item | Part No. | Description                                    | Qty. |
|------|----------|------------------------------------------------|------|
| 1    | 35275494 | HUB                                            | 1    |
| 2    | 95934279 | NIPPLE, EXTRA STRONG 0.50 NPT x 1.13 INCH LONG | 1    |

## PORO OPTION ASSEMBLY DRAWING AND PARTS LIST

### Assemble Horn



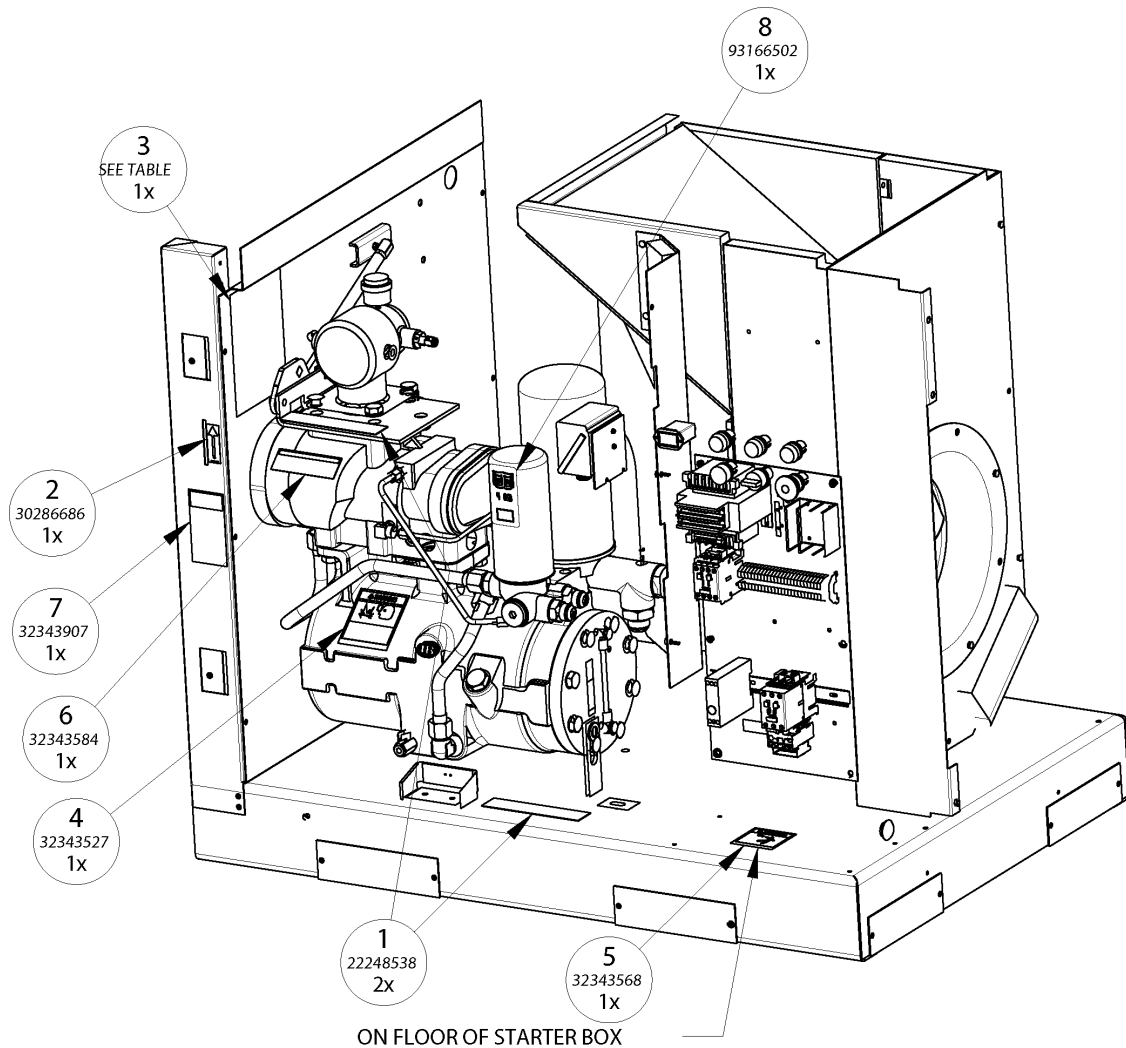
(Dwg. 22173967A3)

### PARTS LIST

| Item | Part No. | Description                | Qty. |
|------|----------|----------------------------|------|
| 1    | 39100136 | HORN, POWER OUTAGE         | 1    |
| 2    | 39108949 | LOCKNUT, 0.50 INCH SEALING | 2    |
| 3    | 39146733 | PLUG, 0.50 INCH HOLE       | 1    |

## 60 HZ DECAL ASSEMBLY DRAWING AND PARTS LIST

### Assembly, Internal Decals A



(Dwg. 22165005V2)

### PARTS LIST

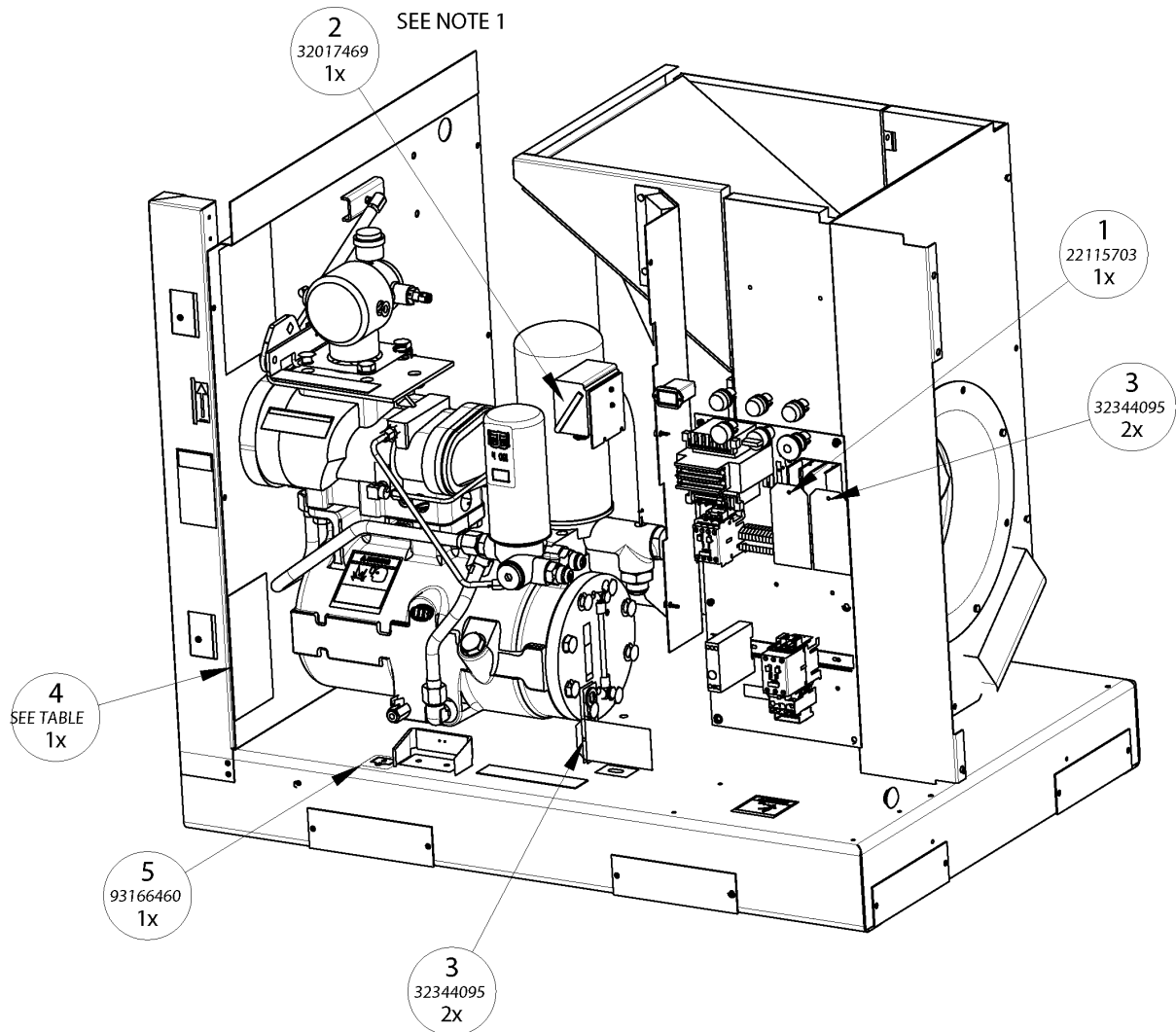
| Item | Part No. | Description                           | Qty. |
|------|----------|---------------------------------------|------|
| 1    | 22248538 | DECAL, PINCH HAZARD 4-LANGUAGE        | 2    |
| 2    | 30286686 | DECAL, ROTATION ARROW NOTICE ROTATION | 1    |
| 3    | 32343063 | DECAL, ULTRA PLUS                     | 1    |
|      | 23353147 | DECAL, ULTRA                          | 1    |
|      | SEE NOTE | DECAL, ULTRA FG                       | 1    |
|      | SEE NOTE | DECAL, ULTRA EL                       | 1    |
| 4    | 32343527 | DECAL, WARNING HIGH PRESSURE          | 1    |
| 5    | 32343568 | DECAL, WARNING HAZARDOUS VOLTAGE      | 1    |
| 6    | 32343584 | DECAL, WARNING HOT SURFACE            | 1    |
| 7    | 32343907 | DECAL, LOCK AND TAG OUT               | 1    |
| 8    | 93166502 | DECAL, REPLACEMENT FILTER ELEMENT     | 1    |

### NOTES:

1. NOT REQUIRED: MAINTENANCE PARTS DECAL FOR ULTRA FG & EL ARE COMBINED WITH THE MAINTENANCE SCHEDULE DECAL

## 60 HZ DECAL ASSEMBLY DRAWING AND PARTS LIST

### Assembly, Internal Decals B



(Dwg. 22165005V3)

### PARTS LIST

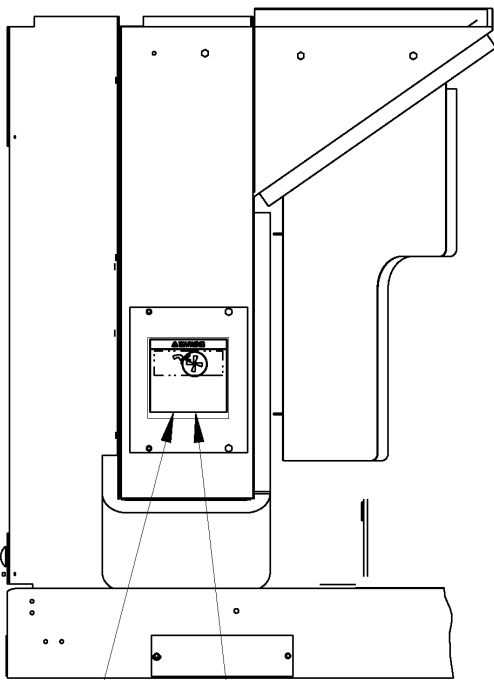
| Item | Part No. | Description             | Qty. |
|------|----------|-------------------------|------|
| 1    | 22115703 | TAG, ROTATION 60 Hz     | 1    |
| 2    | 32017469 | DECAL, VOLTAGE 120/1/60 | 1    |
| 3    | 32344095 | TAG, SHIPPING BRACKET   | 2    |
| 4    | 81295255 | DECAL, ULTRA PLUS       | 1    |
|      | 23353139 | DECAL, ULTRA            | 1    |
|      | 24067685 | DECAL, ULTRA FG         | 1    |
|      | 24098386 | DECAL, ULTRA EL         | 1    |
| 5    | 93166460 | DECAL, COOLANT DRAIN    | 1    |

### NOTES:

1. DECAL 32017469 USED ON NON-INTELLISYS UNITS ONLY (LOCATED ON FRONT OF SWITCH).

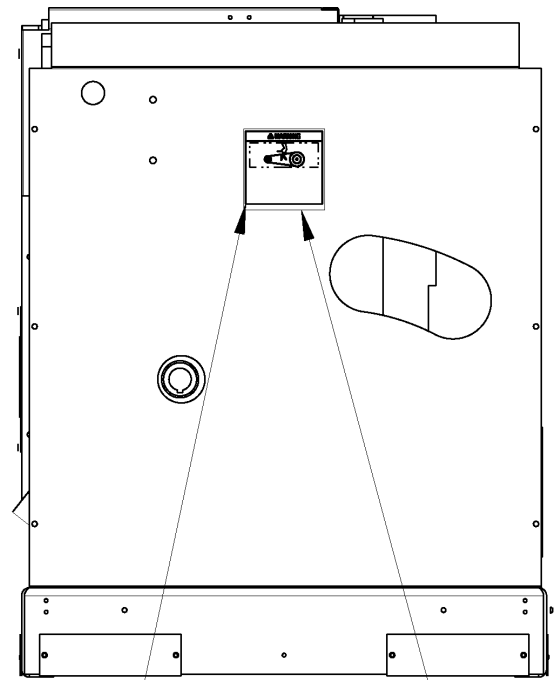
## 60 HZ DECAL ASSEMBLY DRAWING AND PARTS LIST

### Assembly, Internal Decals C



2  
32343550  
1x

DECAL ATTACHED TO  
BLOWER BOX INSIDE  
BACK PANEL



1  
32343535  
1x

DECAL ATTACHED TO  
BELT GUARD ON  
BELT SIDE

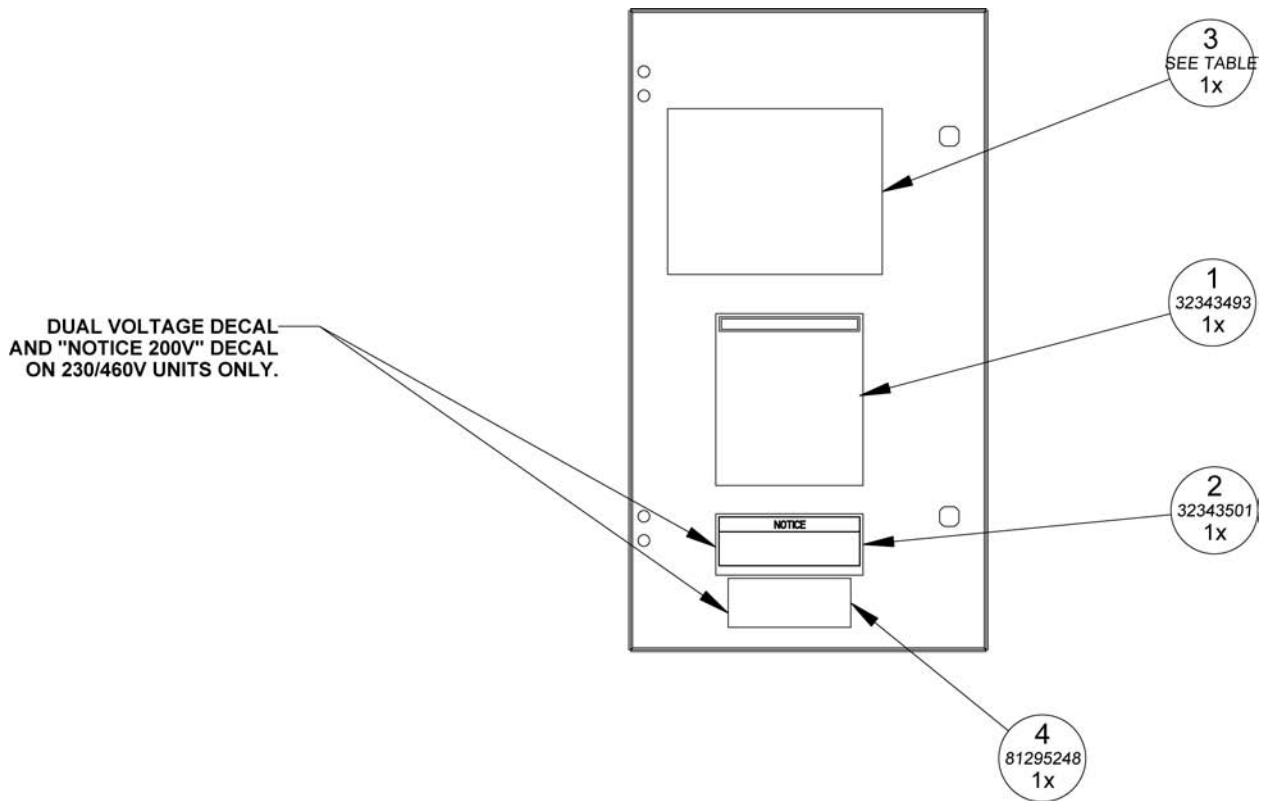
(Dwg. 22165005V4)

### PARTS LIST

| Item | Part No. | Description                 | Qty. |
|------|----------|-----------------------------|------|
| 1    | 32343535 | DECAL, WARNING MOVING BELTS | 1    |
| 2    | 32343550 | DECAL, WARNING EXPOSED FAN  | 1    |

## 60 HZ DECAL ASSEMBLY DRAWING AND PARTS LIST

### Assembly, Starter Door Internal Decals



(Dwg. 22165005V5)

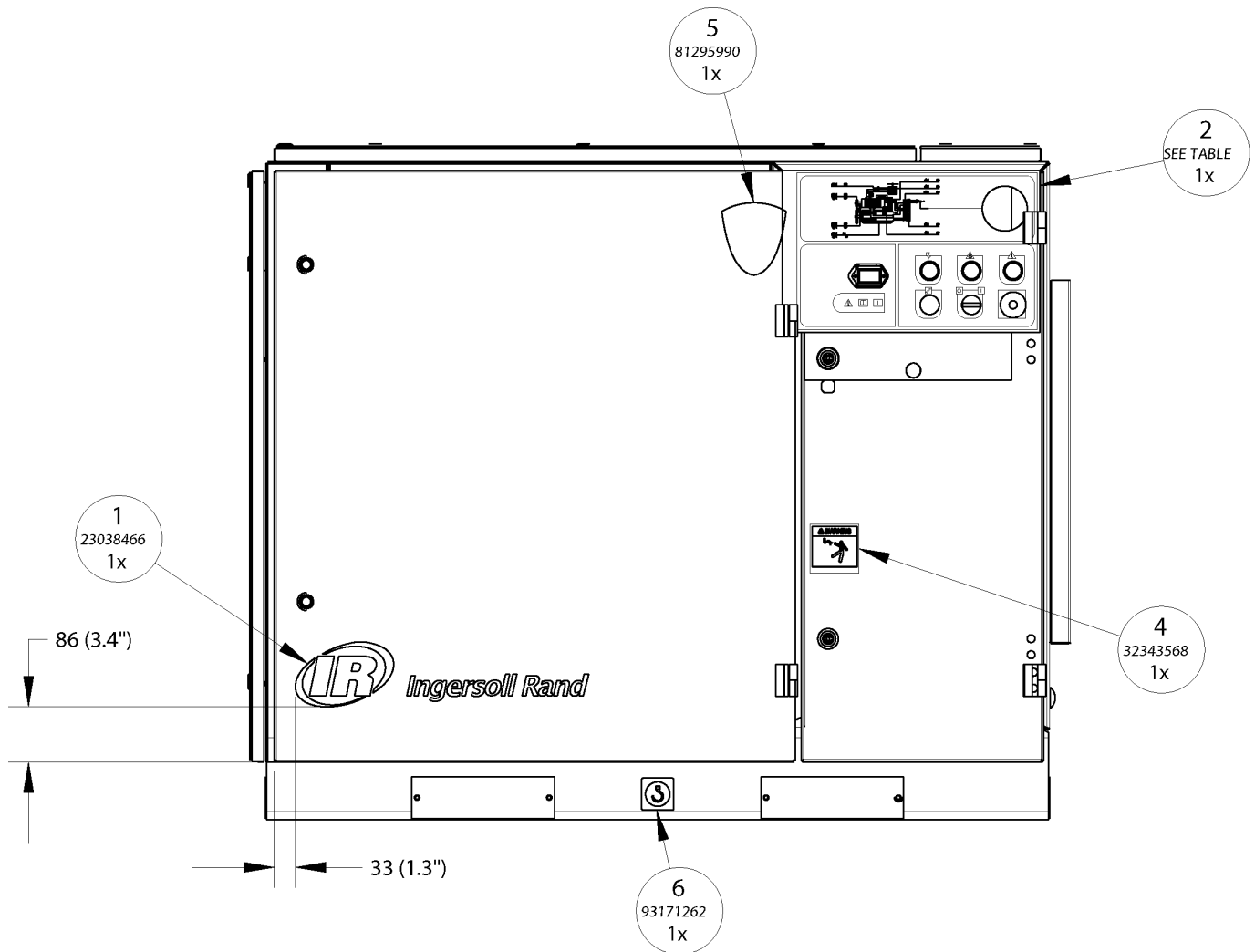
### PARTS LIST

| Item | Part No.  | Description                         | Qty. |
|------|-----------|-------------------------------------|------|
| 1    | 32343493  | DECAL, OVERLOAD SETTING IEC STARTER | 1    |
| 2    | 32343501  | DECAL, DUAL VOLTAGE WIRED 230V      | 1    |
| 3    | SEE TABLE | DECAL, WIRING SCHEMATIC             | 1    |
| 4    | 81295248  | DECAL, NOTICE 20                    | 1    |

| Table For Decal |                       |
|-----------------|-----------------------|
| Decal           | Description           |
| 32343642        | STAR DELTA            |
| 32343634        | DOL                   |
| 32344079        | STAR DELTA INTELLISYS |
| 22135883        | DOL INTELLISYS        |

## 60 HZ DECAL ASSEMBLY DRAWING AND PARTS LIST

### Assembly, Front and Rear Decals



(Dwg. 22165005V6)

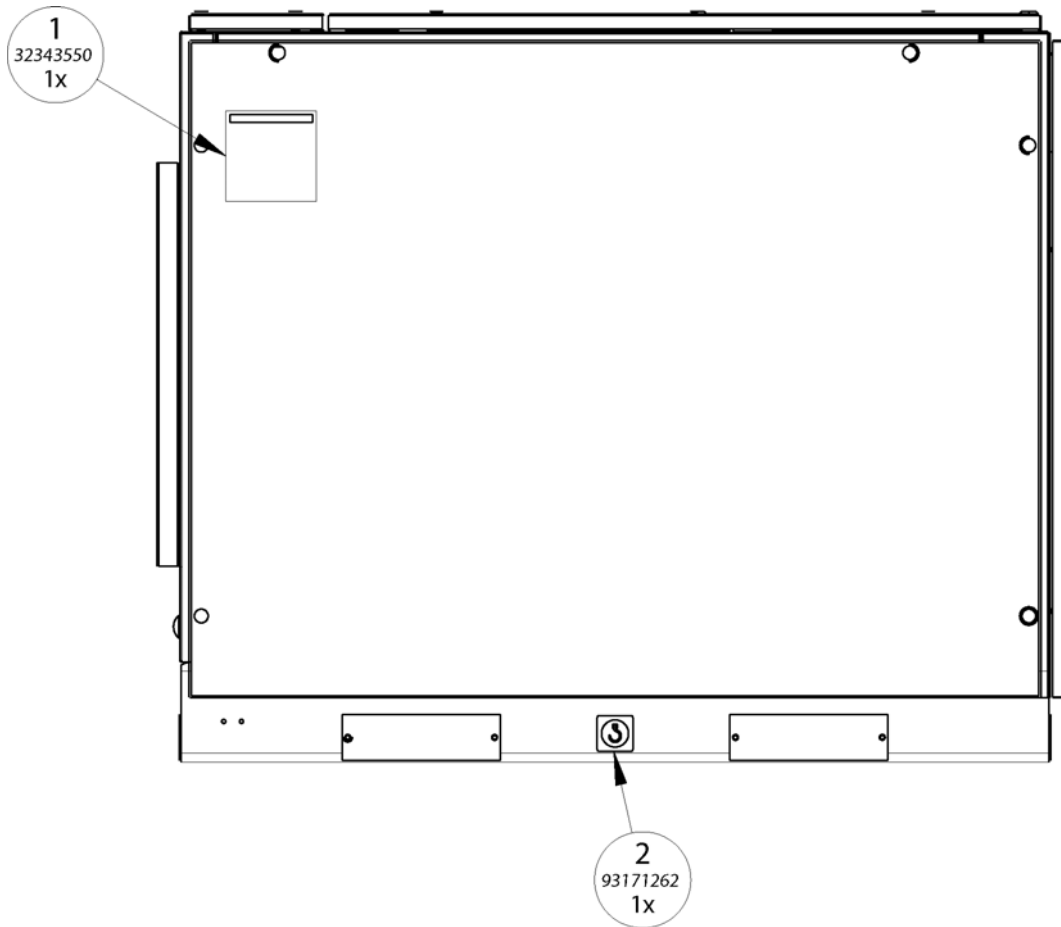
### PARTS LIST

| Item | Part No.  | Description                                       | Qty. |
|------|-----------|---------------------------------------------------|------|
| 1    | 23038466  | DECAL, IR LOGO 18 INCH                            | 1    |
| 2    | SEE TABLE | DECAL, FACIA                                      | 1    |
| 3    | 32343568  | DECAL, WARNING HAZARDOUS VOLTAGE                  | 1    |
| 4    | 81295990  | DECAL, AIR SHIELD USA, (NOT REQUIRED OUTSIDE USA) | 1    |
| 5    | 93171262  | DECAL, LIFT HERE                                  | 1    |

| Table For Decal |                |
|-----------------|----------------|
| Decal           | Description    |
| 23427818        | NON-INTELLISYS |
| 22131155        | INTELLISYS     |

## 60 HZ DECAL ASSEMBLY DRAWING AND PARTS LIST

### Assembly, Back Decals



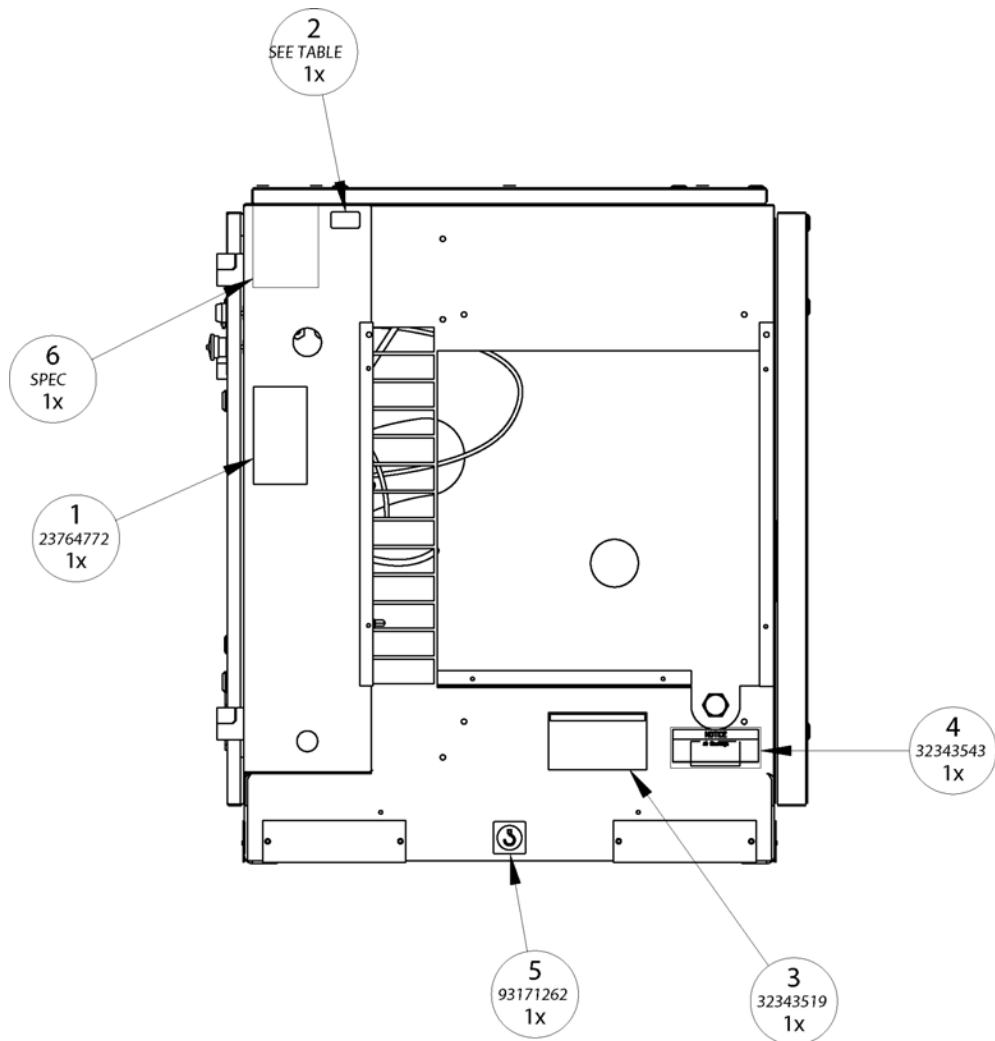
(Dwg. 22165005V7)

### PARTS LIST

| Item | Part No. | Description                | Qty. |
|------|----------|----------------------------|------|
| 1    | 32343550 | DECAL, WARNING EXPOSED FAN | 1    |
| 2    | 93171262 | DECAL, LIFT HERE           | 1    |

## 60 HZ DECAL ASSEMBLY DRAWING AND PARTS LIST

### Assembly, Right Decals



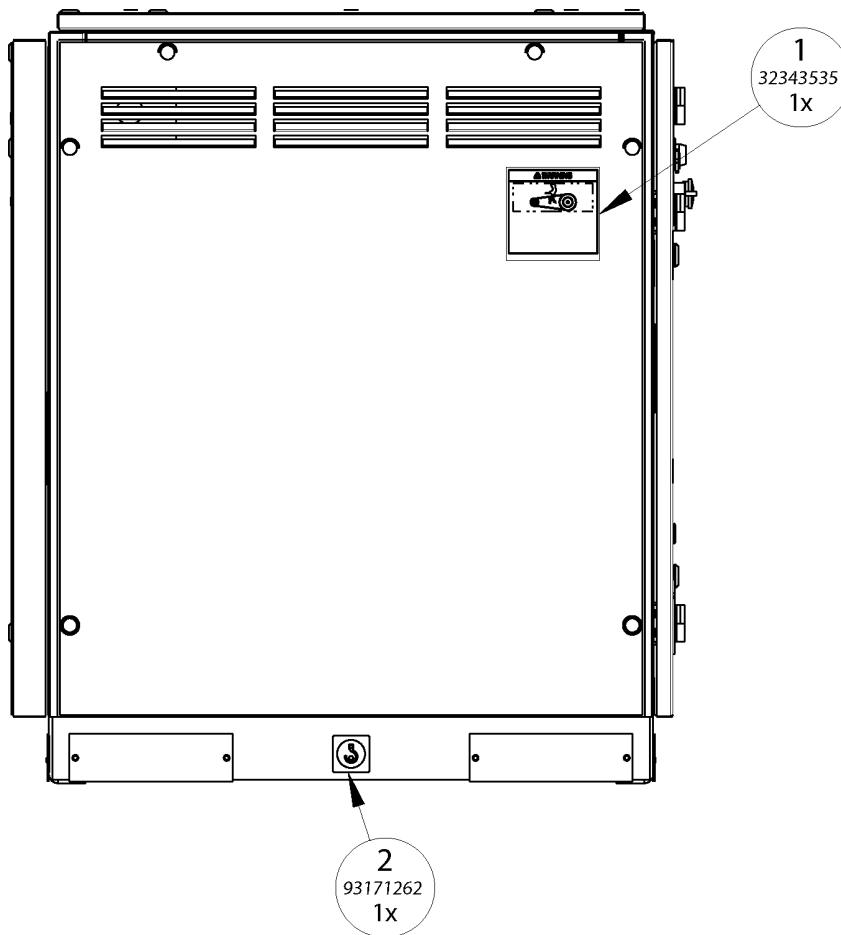
(Dwg. 22165005V8)

### PARTS LIST

| Item | Part No. | Description                                           | Qty. |
|------|----------|-------------------------------------------------------|------|
| 1    | 23764772 | DECAL, CAGI PERFORMANCE VERIFICATION (US MARKET ONLY) | 2    |
| 2    | 32017436 | DECAL, VOLTAGE 230                                    | 1    |
|      | 32236481 | DECAL, VOLTAGE 380                                    | 1    |
|      | 32177305 | DECAL, VOLTAGE 575                                    | 1    |
|      | 32018475 | DECAL, VOLTAGE 200                                    | 1    |
|      | 32017444 | DECAL, VOLTAGE 460                                    | 1    |
| 3    | 32343519 | DECAL, DANGER CONTAMINATED AIR                        | 1    |
| 4    | 32343543 | DECAL, NOTICE AIR DISCHARGE                           | 1    |
| 5    | 93171262 | DECAL, LIFT HERE                                      | 1    |
| 6    | SPEC     | SPEC, COMPRESSOR PACKAGE DATA PLATE                   | 1    |

## 60 HZ DECAL ASSEMBLY DRAWING AND PARTS LIST

### Assembly, Left Decals



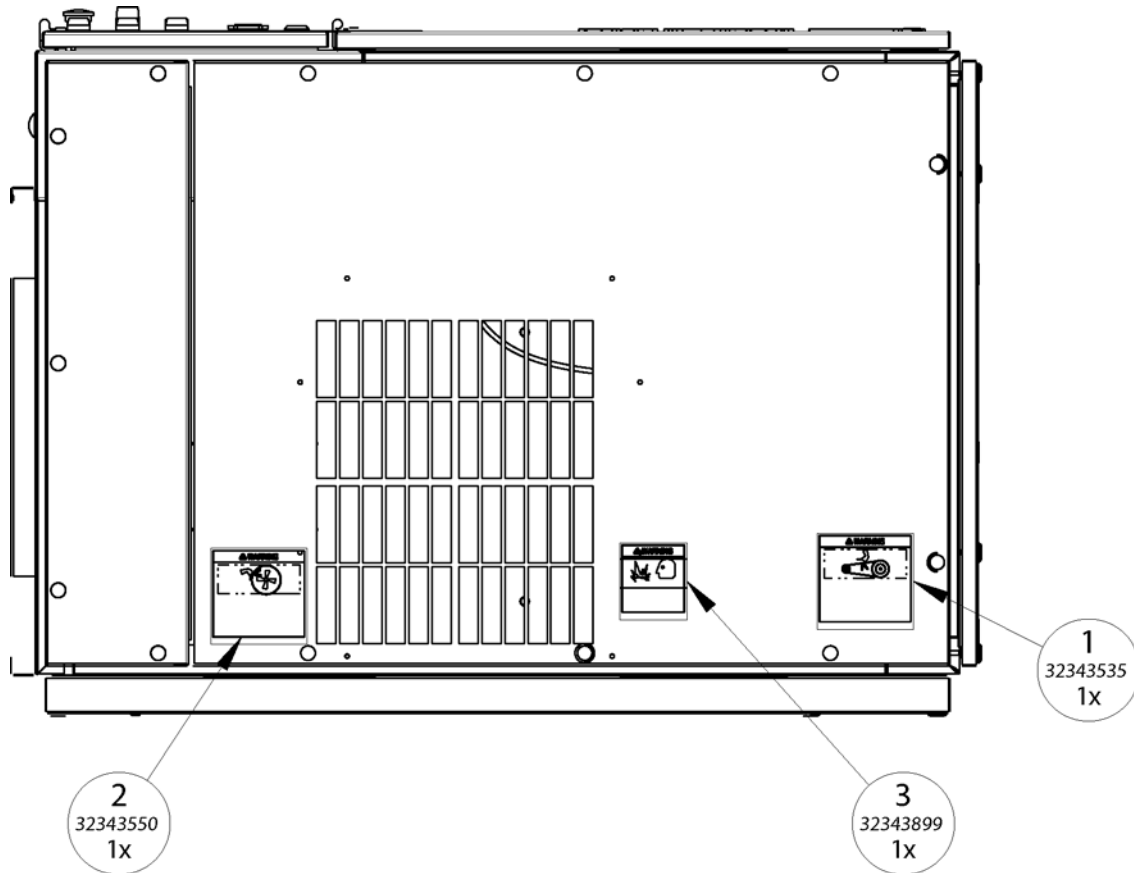
(Dwg. 22165005V9)

### PARTS LIST

| Item | Part No. | Description                 | Qty. |
|------|----------|-----------------------------|------|
| 1    | 32343535 | DECAL, WARNING MOVING BELTS | 1    |
| 2    | 93171262 | DECAL, LIFT HERE            | 1    |

## 60 HZ DECAL ASSEMBLY DRAWING AND PARTS LIST

### Assembly, Top Decals



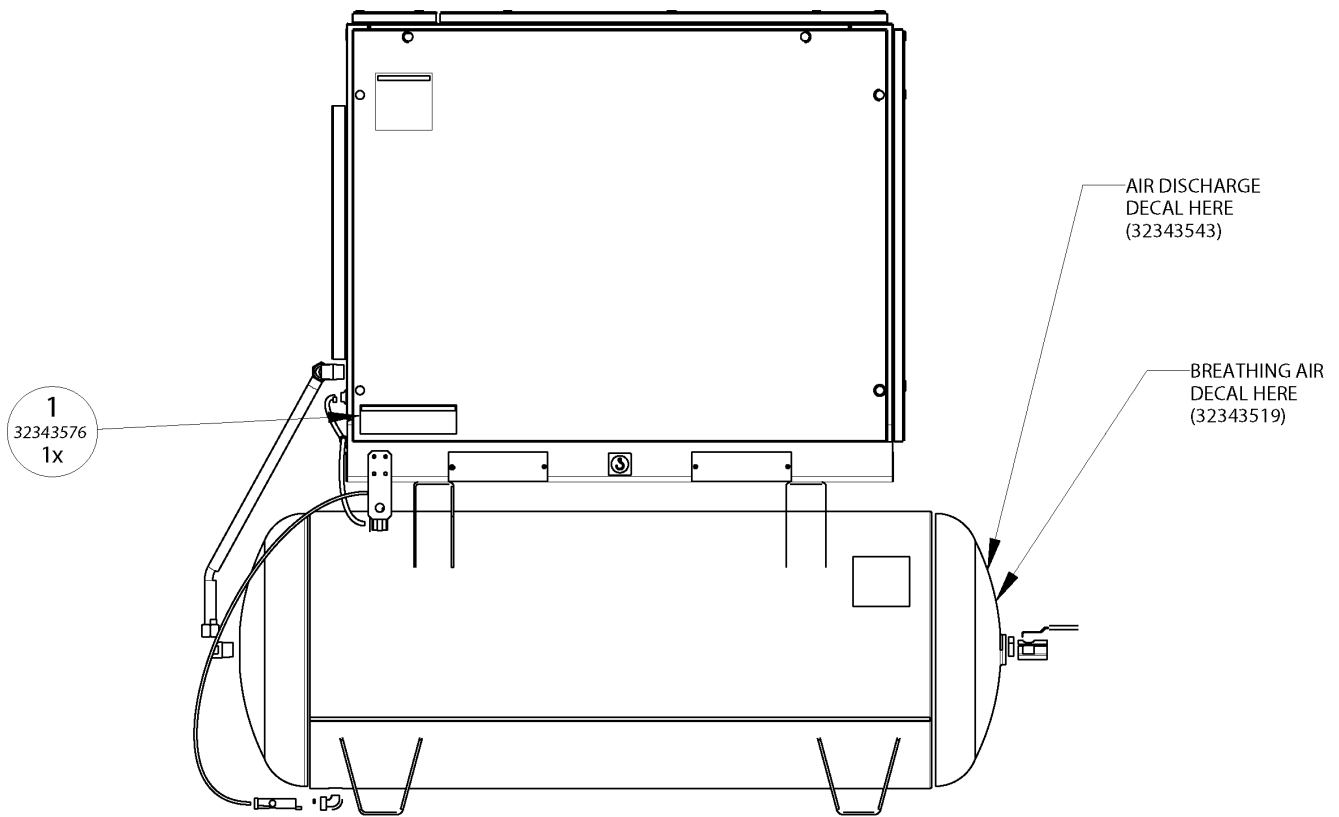
(Dwg. 22165005V10)

### PARTS LIST

| Item | Part No. | Description                  | Qty. |
|------|----------|------------------------------|------|
| 1    | 32343535 | DECAL, WARNING MOVING BELTS  | 1    |
| 2    | 32343550 | DECAL, WARNING EXPOSED FAN   | 1    |
| 3    | 32343899 | DECAL, WARNING FLYING DEBRIS | 1    |

## 60 HZ DECAL ASSEMBLY DRAWING AND PARTS LIST

### Assembly, Tank Decals



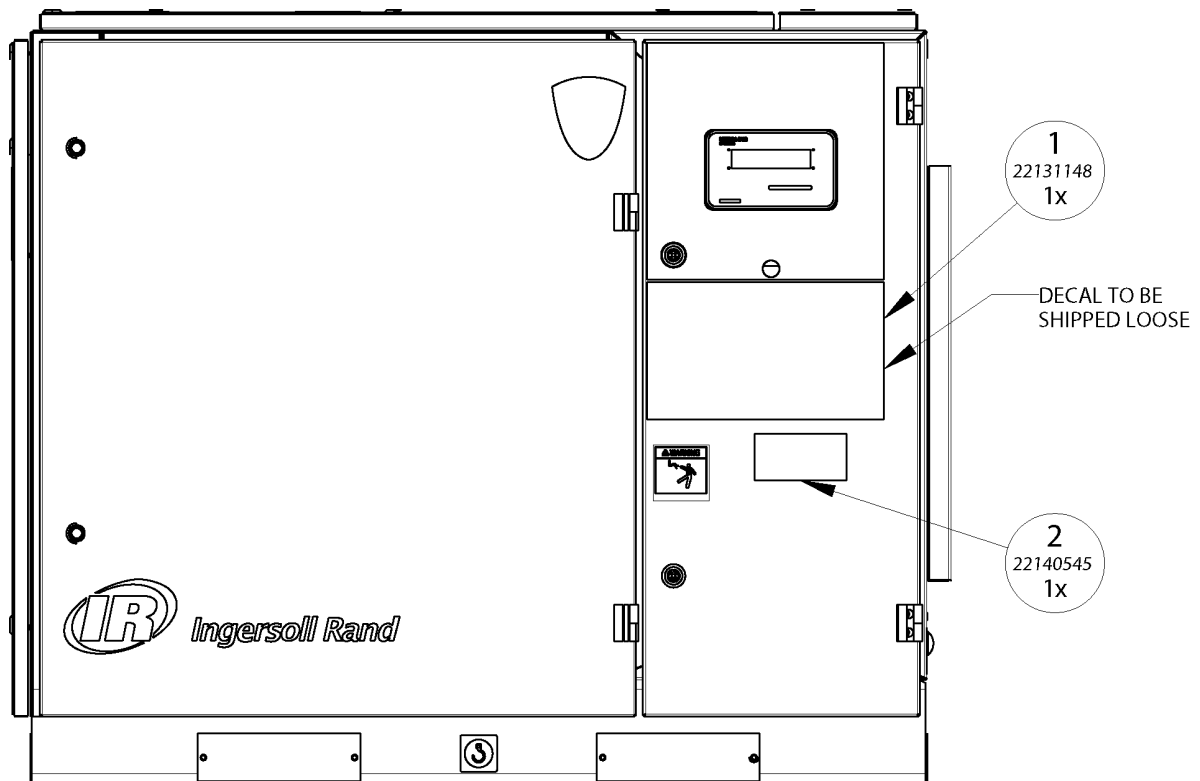
(Dwg. 22165005V11)

### PARTS LIST

| Item | Part No. | Description                    | Qty. |
|------|----------|--------------------------------|------|
| 1    | 32343576 | DECAL, AIR RECEIVER AUTO-DRAIN | 1    |

## 60 HZ DECAL ASSEMBLY DRAWING AND PARTS LIST

Assembly, Intellisys Decals



(Dwg. 22165005V12)

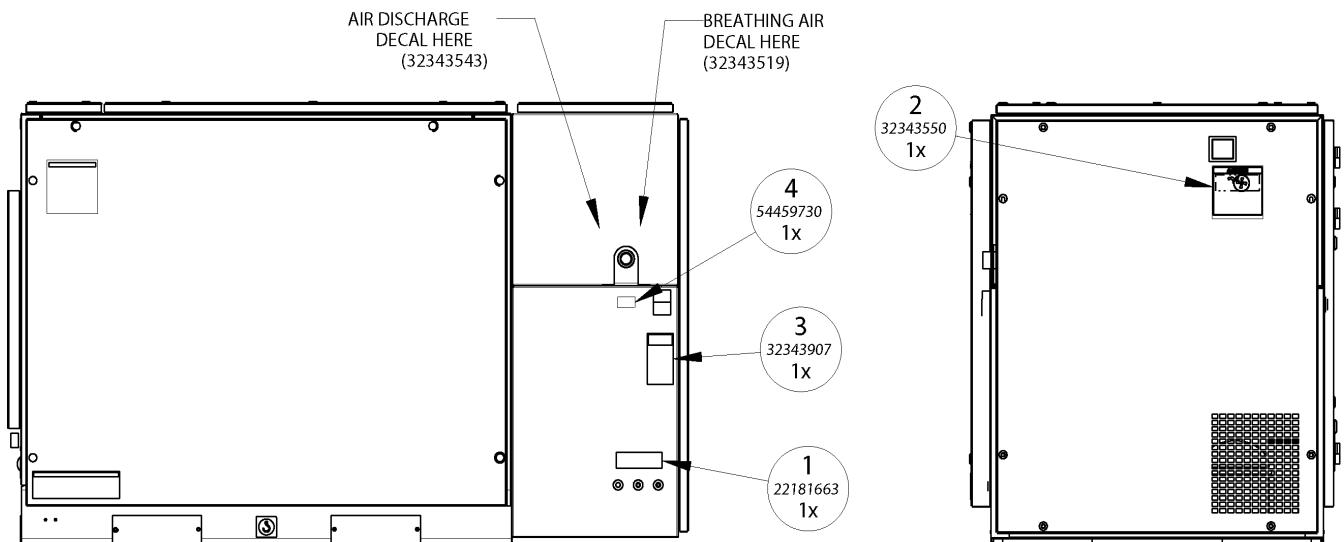
### PARTS LIST

| Item | Part No. | Description                           | Qty. |
|------|----------|---------------------------------------|------|
| 1    | 22131148 | DECAL, INTELLISYS DESCRIPTION (60 Hz) | 1    |
| 2    | 22140545 | DECAL, NOTICE, PORO                   | 1    |

**PORO DECAL FOR PORO OPTION ONLY**

## 60 HZ DECAL ASSEMBLY DRAWING AND PARTS LIST

### Assembly, External Dryer Decals



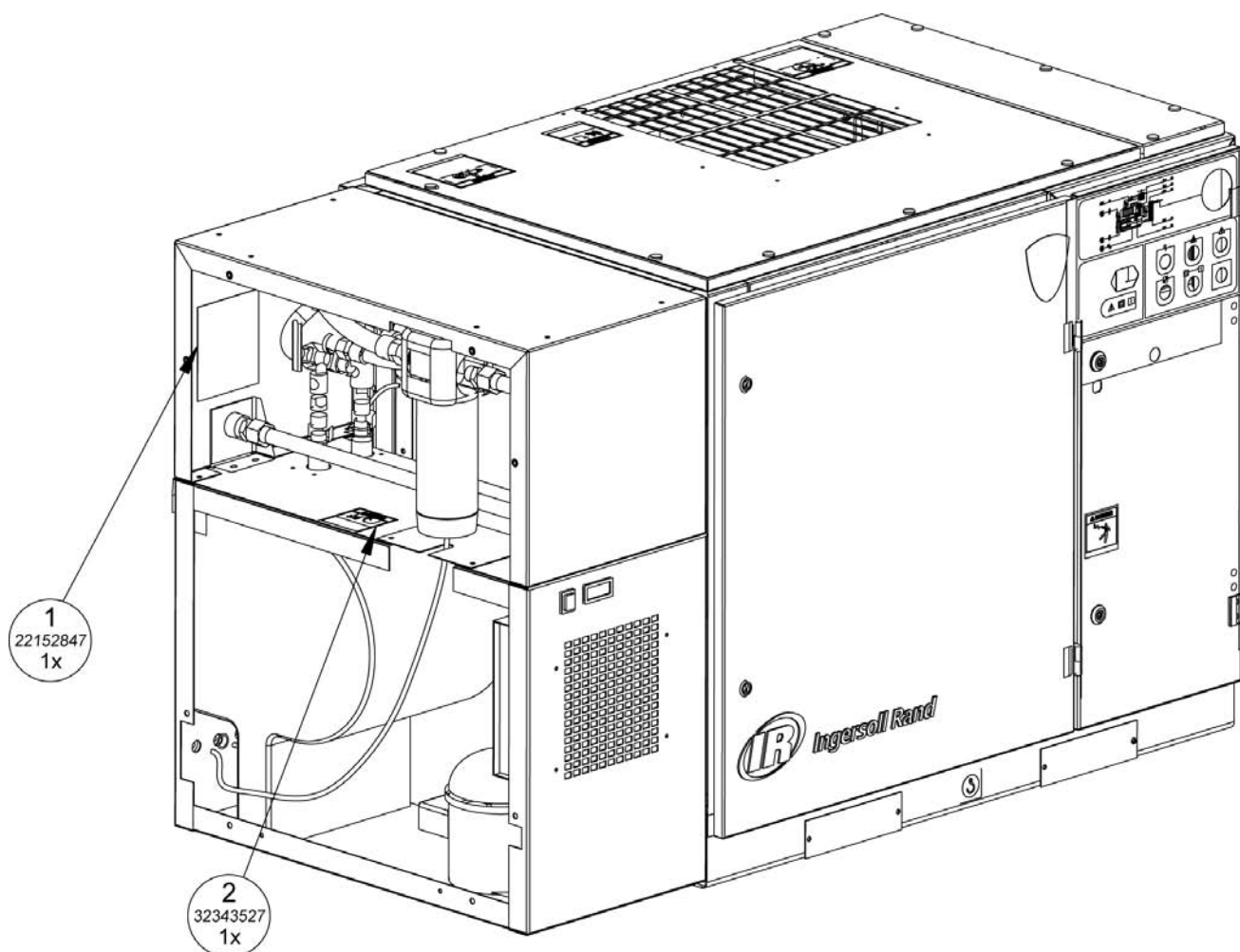
(Dwg. 22165005V13)

### PARTS LIST

| Item | Part No. | Description                    | Qty. |
|------|----------|--------------------------------|------|
| 1    | 22181663 | DECAL, CONDENSATE DRAIN 4-LANG | 1    |
| 2    | 32343550 | DECAL, WARNING EXPOSED FAN     | 1    |
| 3    | 32343907 | DECAL, LOCK AND TAG OUT        | 1    |
| 4    | 54459730 | DECAL, VOLTAGE 115/1/60        | 1    |

## 60 HZ DECAL ASSEMBLY DRAWING AND PARTS LIST

### Assembly, Internal Dryer Decals



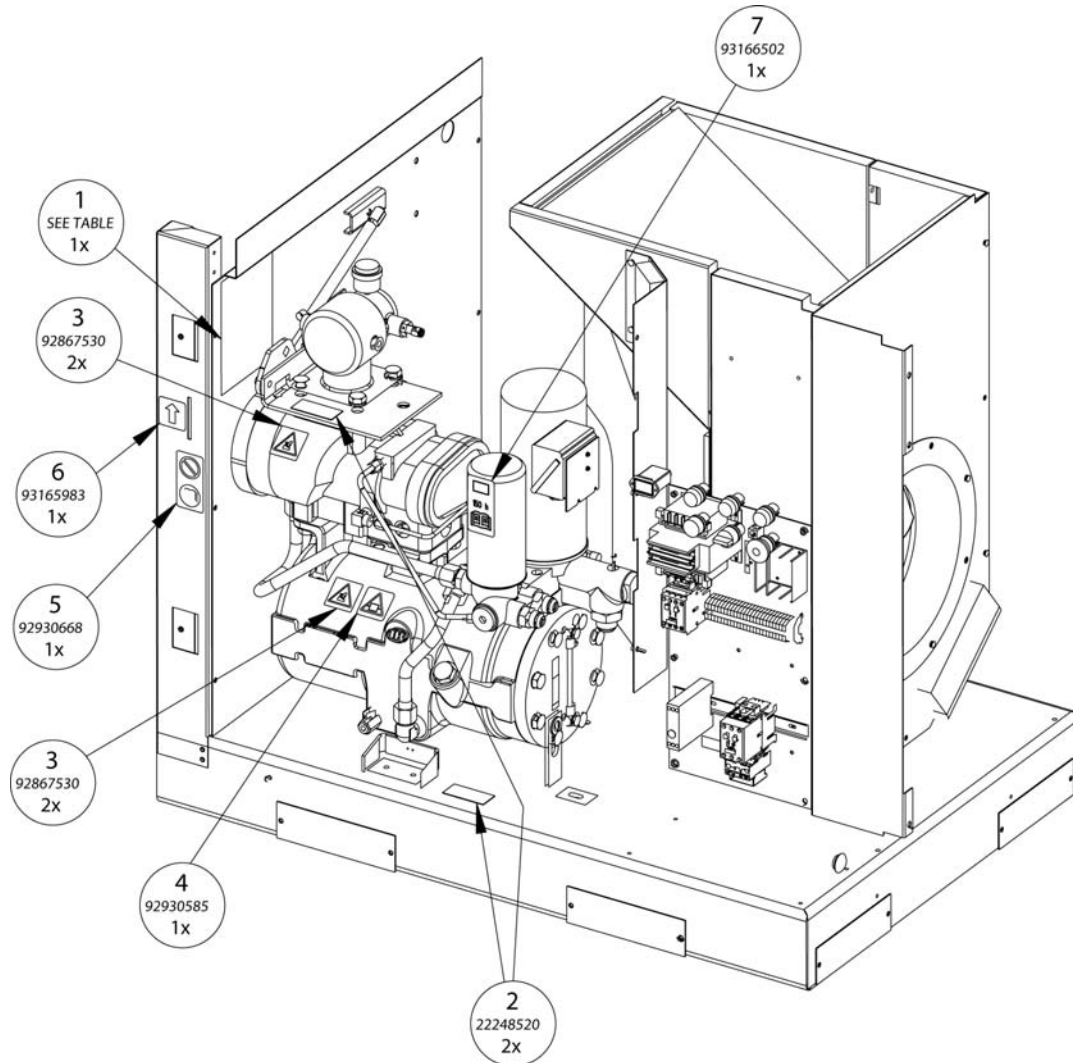
(Dwg. 22165005V14)

### PARTS LIST

| Item | Part No. | Description                  | Qty. |
|------|----------|------------------------------|------|
| 1    | 22152847 | DECAL, DRYER, VALVE POSITION | 1    |
| 2    | 32343527 | DECAL, WARNING HIGH PRESSURE | 1    |

## 50 HZ DECAL ASSEMBLY DRAWING AND PARTS LIST

### Assembly, Internal Decals A



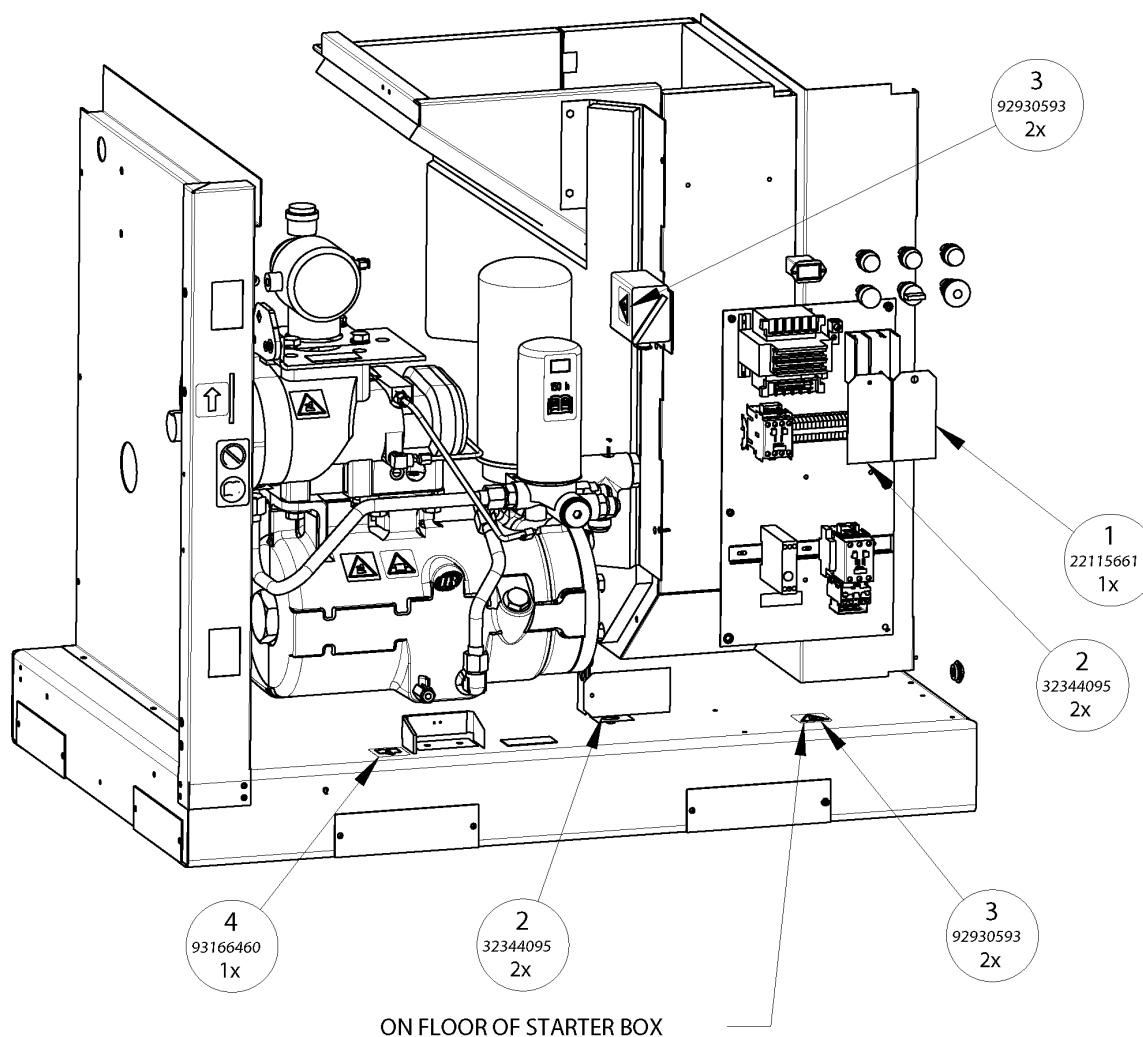
(Dwg. 22164990M2)

### PARTS LIST

| Item | Part No. | Description                                   | Qty. |
|------|----------|-----------------------------------------------|------|
| 1    | 22114219 | DECAL, MAINTENANCE SCHEDULE, ULTRA PLUS       | 1    |
|      | 23353154 | DECAL, MAINTENANCE SCHEDULE, ULTRA            | 1    |
|      | 24067685 | DECAL, MAINTENANCE SCHEDULE, ULTRA FG         | 1    |
|      | 24098386 | DECAL, MAINTENANCE SCHEDULE, ULTRA EL         | 1    |
| 2    | 22248520 | DECAL, PINCH HAZARD ISO                       | 2    |
| 3    | 92867530 | DECAL, HOT SURFACE ISO                        | 2    |
| 4    | 92930585 | DECAL, PRESSURIZED VESSEL                     | 1    |
| 5    | 92930668 | DECAL, NO MAINTENANCE BEFORE REFERRING MANUAL | 1    |
| 6    | 93165983 | DECAL, ROTATION                               | 1    |
| 7    | 93166502 | DECAL, REPLACEMENT FILTER ELEMENT             | 1    |

## 50 HZ DECAL ASSEMBLY DRAWING AND PARTS LIST

### Assembly, Internal Decals B



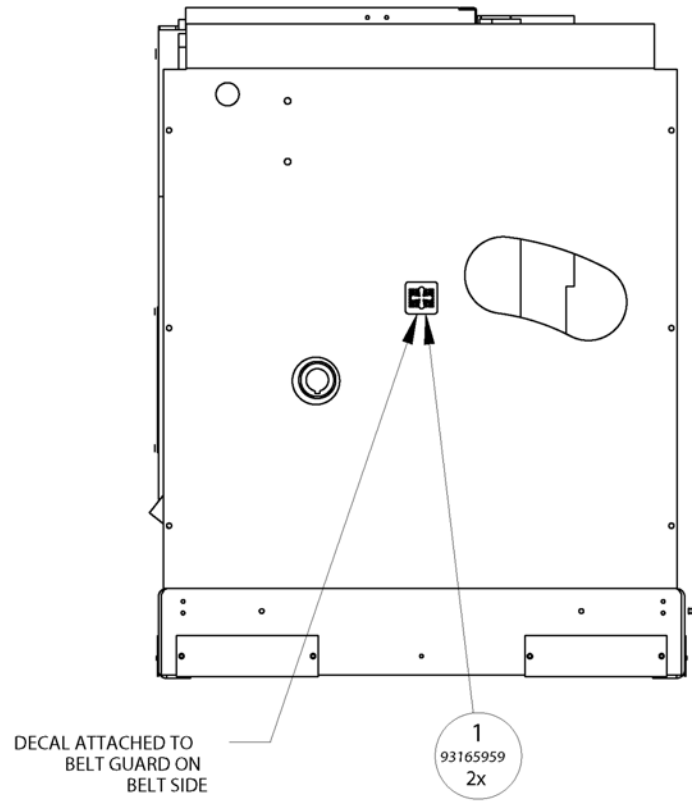
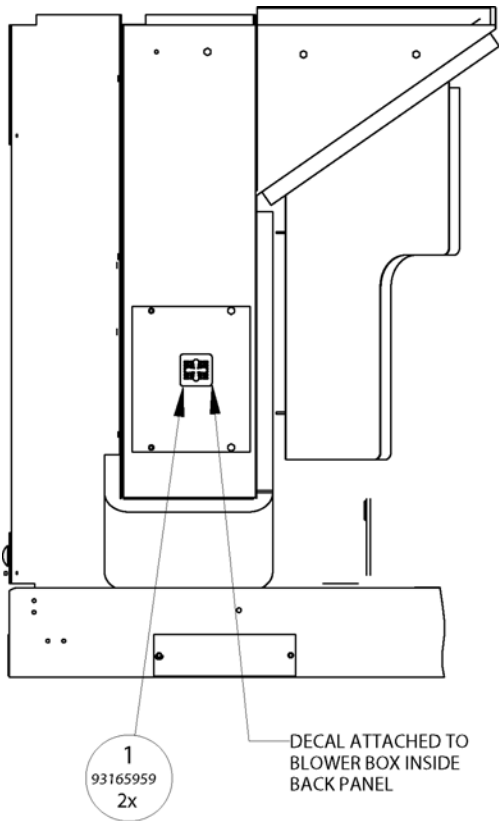
(Dwg. 22164990M3)

### PARTS LIST

| Item | Part No. | Description           | Qty. |
|------|----------|-----------------------|------|
| 1    | 22115661 | TAG, ROTATION 50 Hz   | 1    |
| 2    | 32344095 | TAG, SHIPPING BRACKET | 2    |
| 3    | 92930593 | DECAL, ELECTRIC SHOCK | 2    |
| 4    | 93166460 | DECAL, COOLANT DRAIN  | 1    |

## 50 HZ DECAL ASSEMBLY DRAWING AND PARTS LIST

### Assembly, Internal Decals



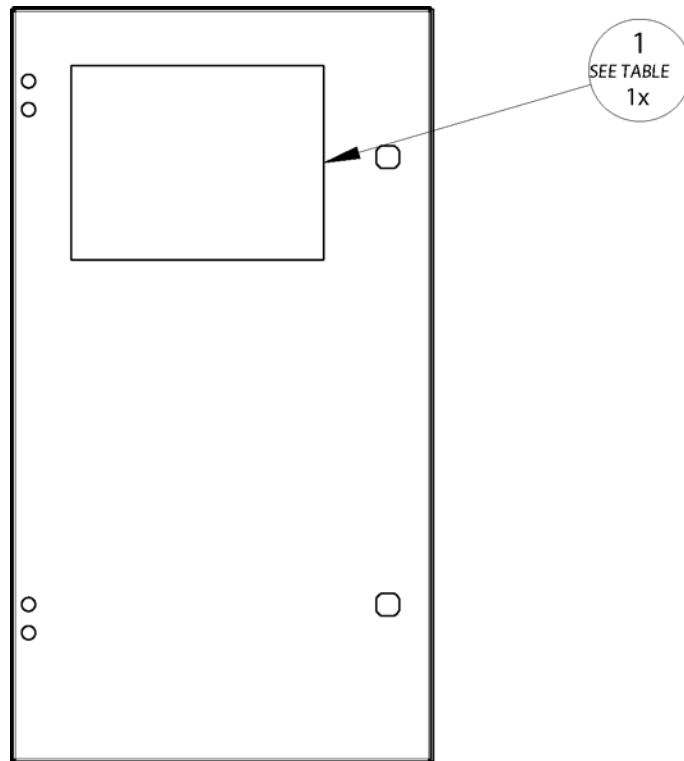
(Dwg. 22164990M4)

### PARTS LIST

| Item | Part No. | Description                    | Qty. |
|------|----------|--------------------------------|------|
| 1    | 93165959 | DECAL, USE GUARDS WHEN RUNNING | 2    |

## 50 HZ DECAL ASSEMBLY DRAWING AND PARTS LIST

### Assembly, Inside Starter Door Decals



(Dwg. 22164990M5)

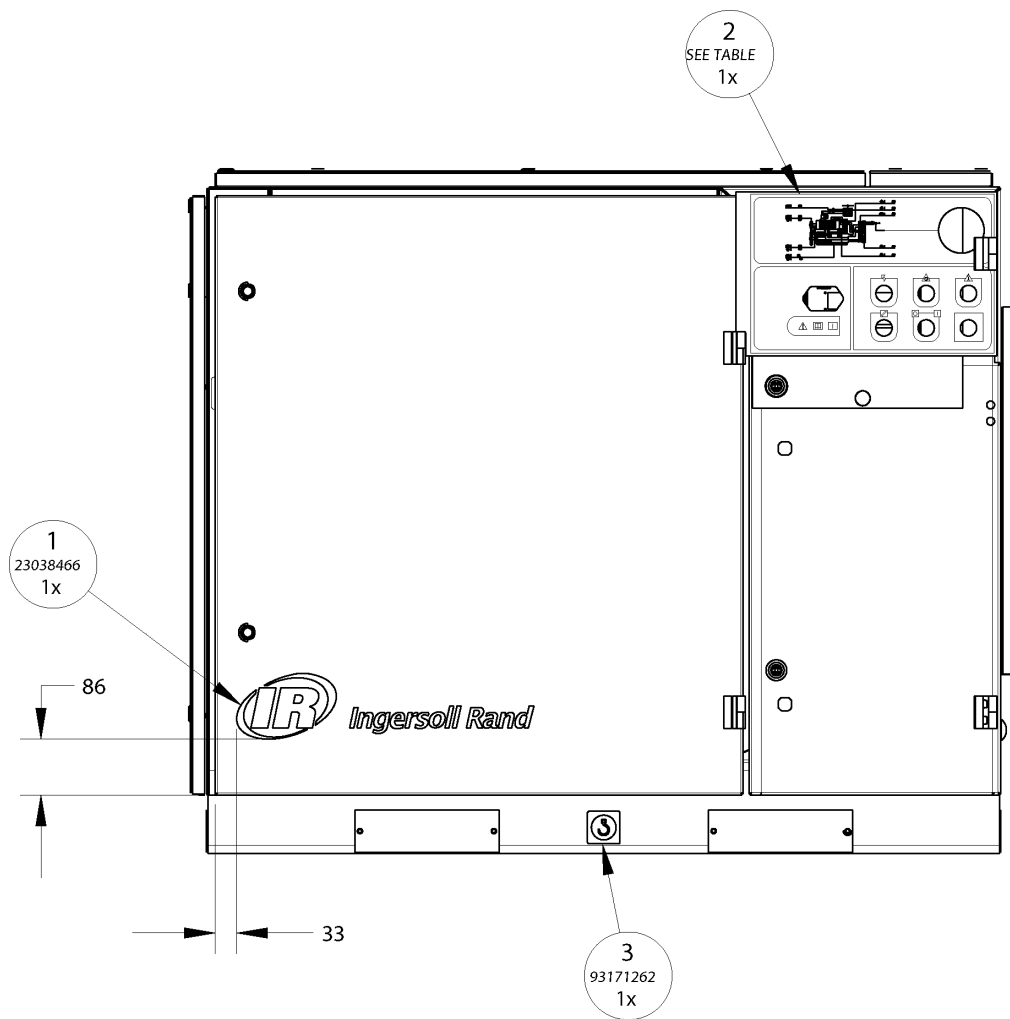
### PARTS LIST

| Item | Part No.  | Description                 | Qty. |
|------|-----------|-----------------------------|------|
| 1    | SEE TABLE | DECAL, ELECTRICAL SCHEMATIC | 1    |

| Table For Wiring Schematic   |          |
|------------------------------|----------|
| Wiring Schematic Description | Part No. |
| STAR DELTA                   | 32343089 |
| STAR DELTA, INTELLISYS       | 32344087 |

## 50 HZ DECAL ASSEMBLY DRAWING AND PARTS LIST

### Assembly, Front Decals



(Dwg. 22164990M6)

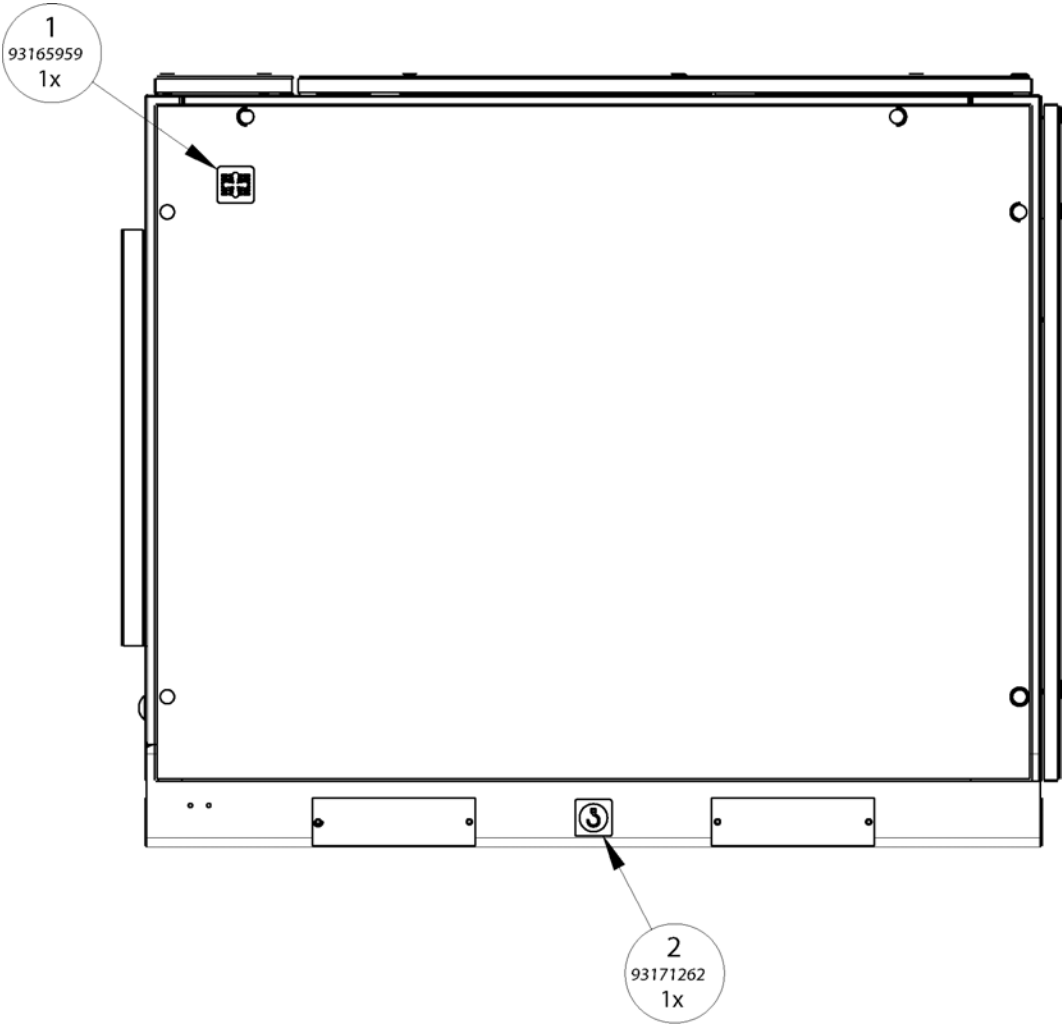
### PARTS LIST

| Item | Part No.  | Description            | Qty. |
|------|-----------|------------------------|------|
| 1    | 23038466  | DECAL, IR LOGO 18 INCH | 1    |
| 2    | SEE TABLE | FACIA DECAL            | 1    |
| 3    | 93171262  | DECAL, LIFT HERE       | 1    |

| Table For Decal |                |
|-----------------|----------------|
| Decal           | Description    |
| 23427818        | NON-INTELLISYS |
| 22152813        | INTELLISYS     |

# 50 HZ DECAL ASSEMBLY DRAWING AND PARTS LIST

## Assembly, Rear Decals



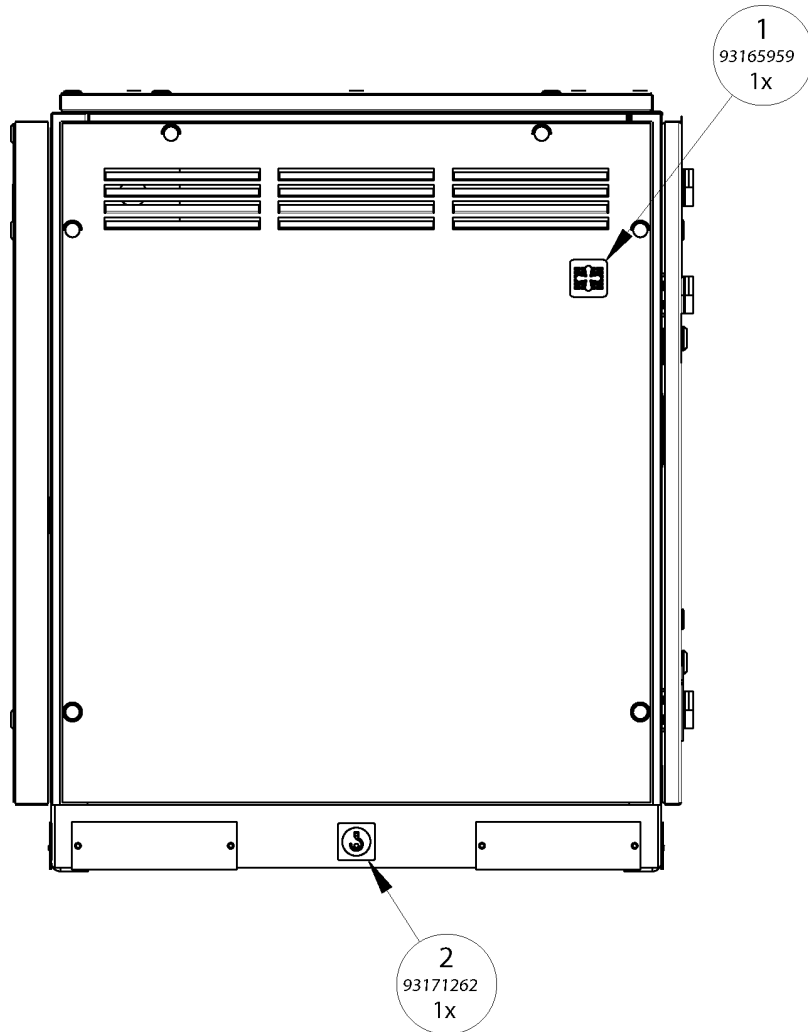
(Dwg. 22164990M7)

### PARTS LIST

| Item | Part No. | Description                    | Qty. |
|------|----------|--------------------------------|------|
| 1    | 93165959 | DECAL, USE GUARDS WHEN RUNNING | 1    |
| 2    | 93171262 | DECAL, LIFT HERE               | 1    |

## 50 HZ DECAL ASSEMBLY DRAWING AND PARTS LIST

### Assembly, Left Decals



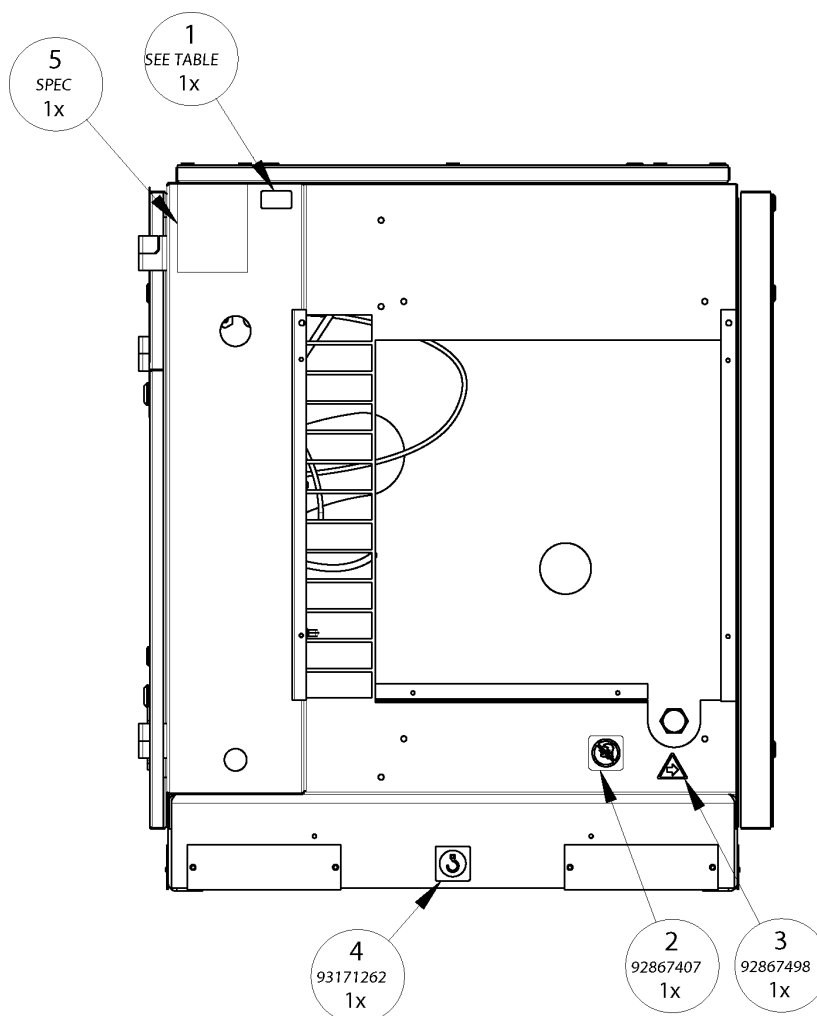
(Dwg. 22164990M8)

### PARTS LIST

| Item | Part No. | Description                    | Qty. |
|------|----------|--------------------------------|------|
| 1    | 93165959 | DECAL, USE GUARDS WHEN RUNNING | 1    |
| 2    | 93171262 | DECAL, LIFT HERE               | 1    |

## 50 HZ DECAL ASSEMBLY DRAWING AND PARTS LIST

### Assembly, Right Decals



(Dwg. 22164990M9)

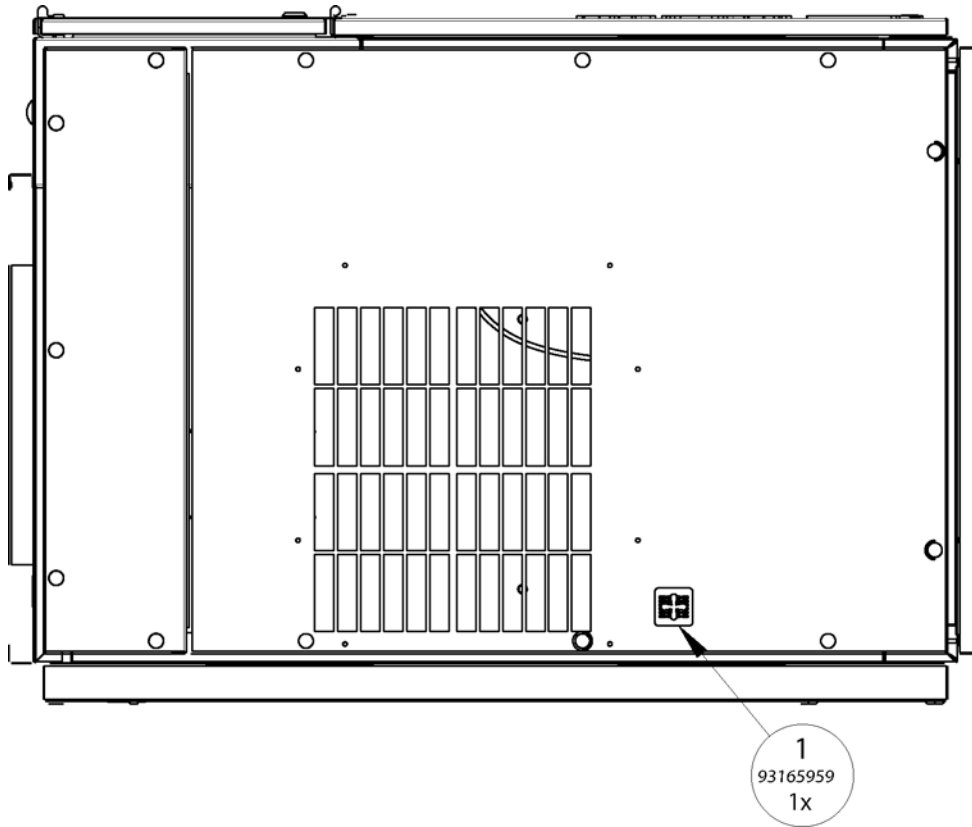
### PARTS LIST

| Item | Part No.  | Description                         | Qty. |
|------|-----------|-------------------------------------|------|
| 1    | SEE TABLE | DECAL, VOLTAGE                      | 1    |
| 2    | 92867407  | DECAL, DO NOT INHALE                | 1    |
| 3    | 92867498  | DECAL, AIR DISCHARGE                | 1    |
| 4    | 93171262  | DECAL, LIFT HERE                    | 1    |
| 5    | SPEC      | SPEC, COMPRESSOR PACKAGE DATA PLATE | 1    |

| Table For Decal |             |
|-----------------|-------------|
| Decal           | Description |
| 32343097        | 400         |
| 32343105        | 220         |
| 32343113        | 550         |

## 50 HZ DECAL ASSEMBLY DRAWING AND PARTS LIST

### Assembly, Top Decals



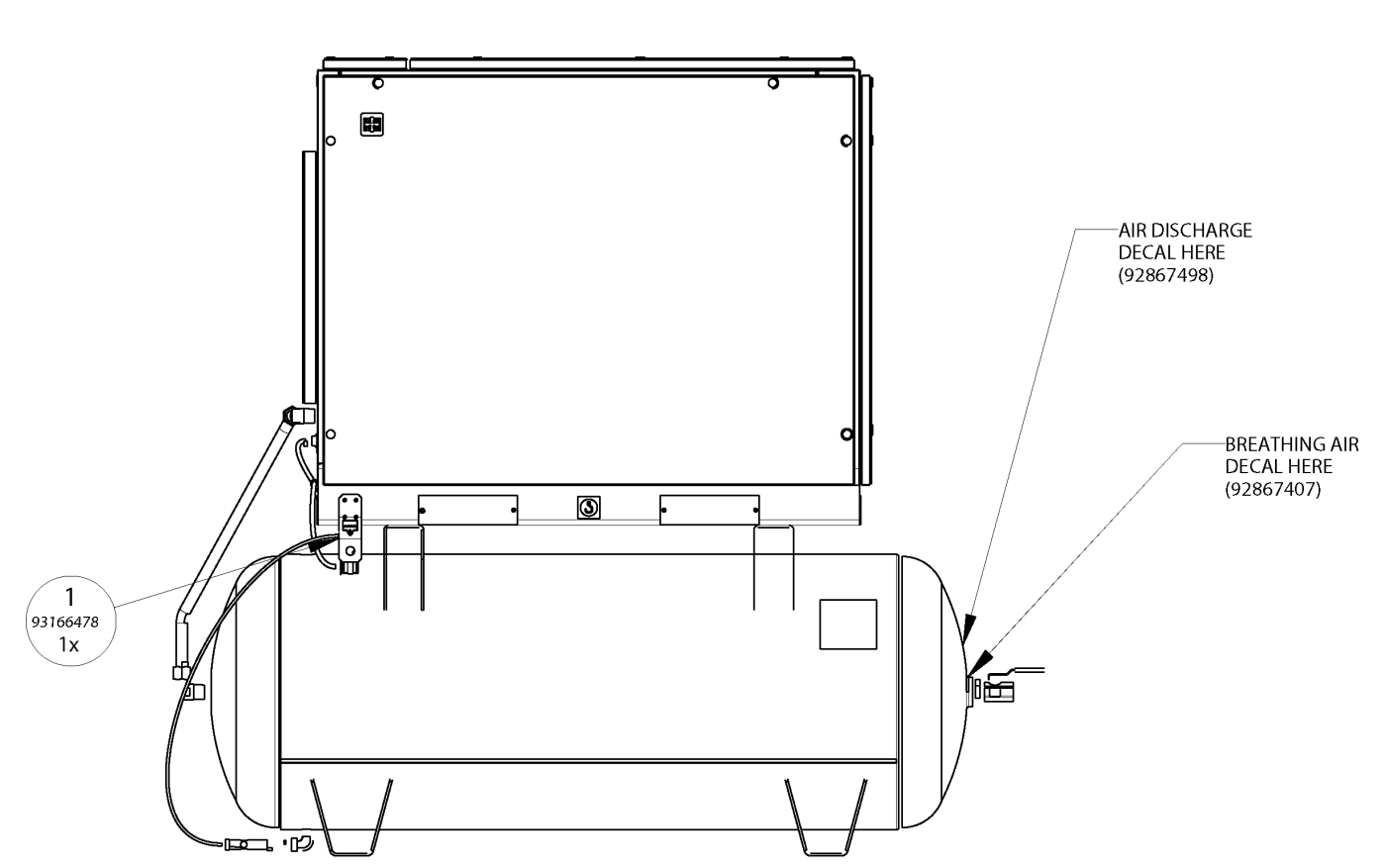
(Dwg. 22164990M10)

### PARTS LIST

| Item | Part No. | Description                    | Qty. |
|------|----------|--------------------------------|------|
| 1    | 93165959 | DECAL, USE GUARDS WHEN RUNNING | 1    |

# 50 HZ DECAL ASSEMBLY DRAWING AND PARTS LIST

Assembly, Tank Option Decals



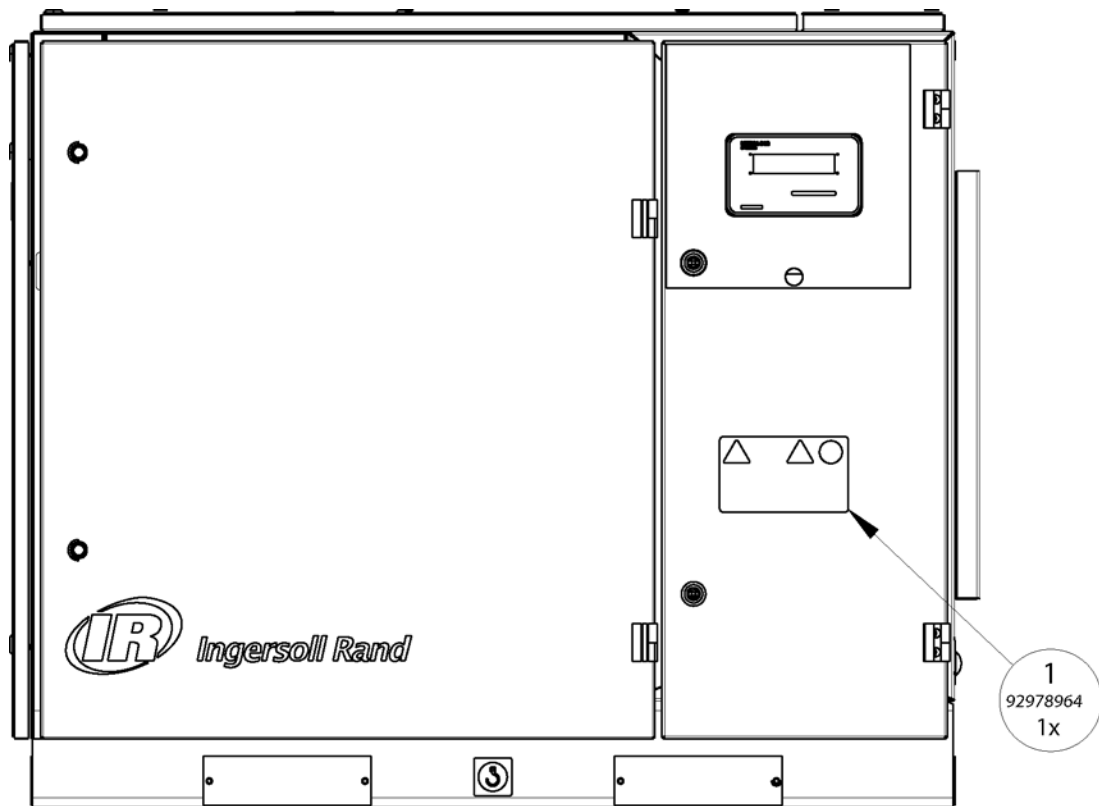
(Dwg. 22164990M11)

PARTS LIST

| Item | Part No. | Description             | Qty. |
|------|----------|-------------------------|------|
| 1    | 93166478 | DECAL, CONDENSATE DRAIN | 1    |

## 50 HZ DECAL ASSEMBLY DRAWING AND PARTS LIST

Assembly, Intellisys Option Decals



(Dwg. 22164990M12)

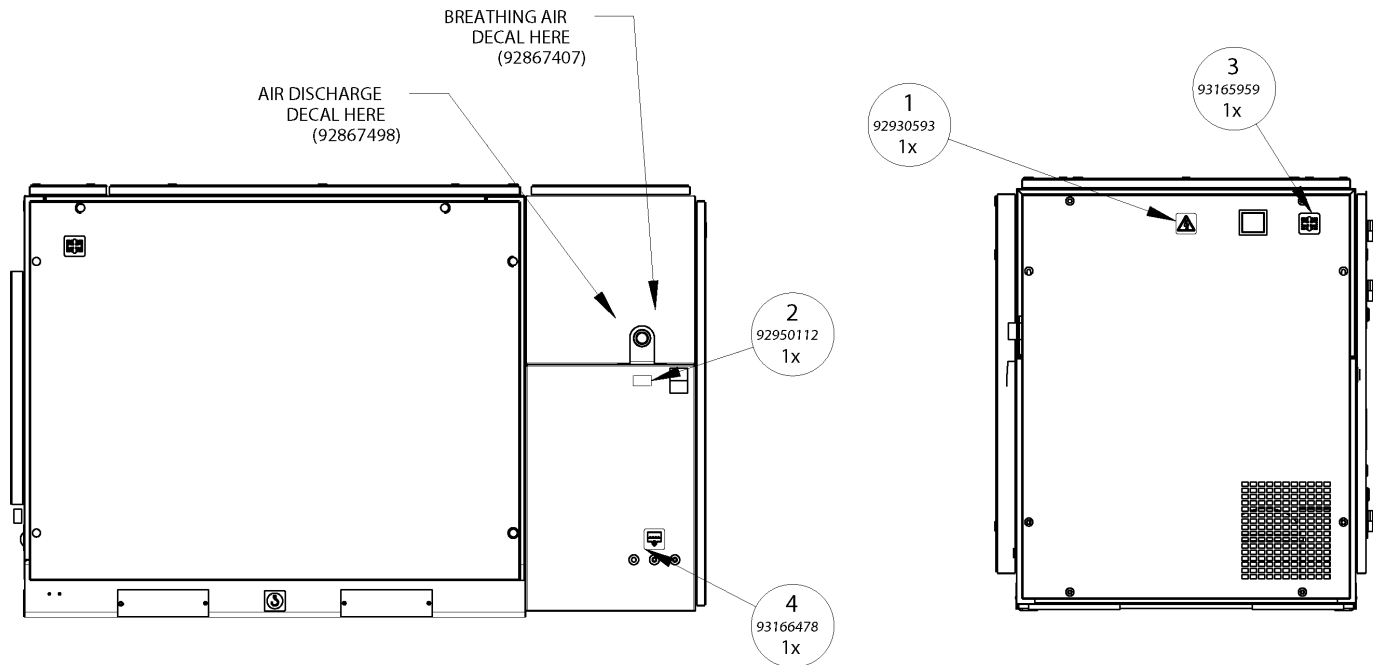
### PARTS LIST

| Item | Part No. | Description                     | Qty. |
|------|----------|---------------------------------|------|
| 1    | 92978964 | DECAL, POWER OUT RESTART OPTION | 1    |

**PORO DECAL FOR PORO OPTION ONLY**

## 50 HZ DECAL ASSEMBLY DRAWING AND PARTS LIST

### Assembly, Dryer Option External Decals



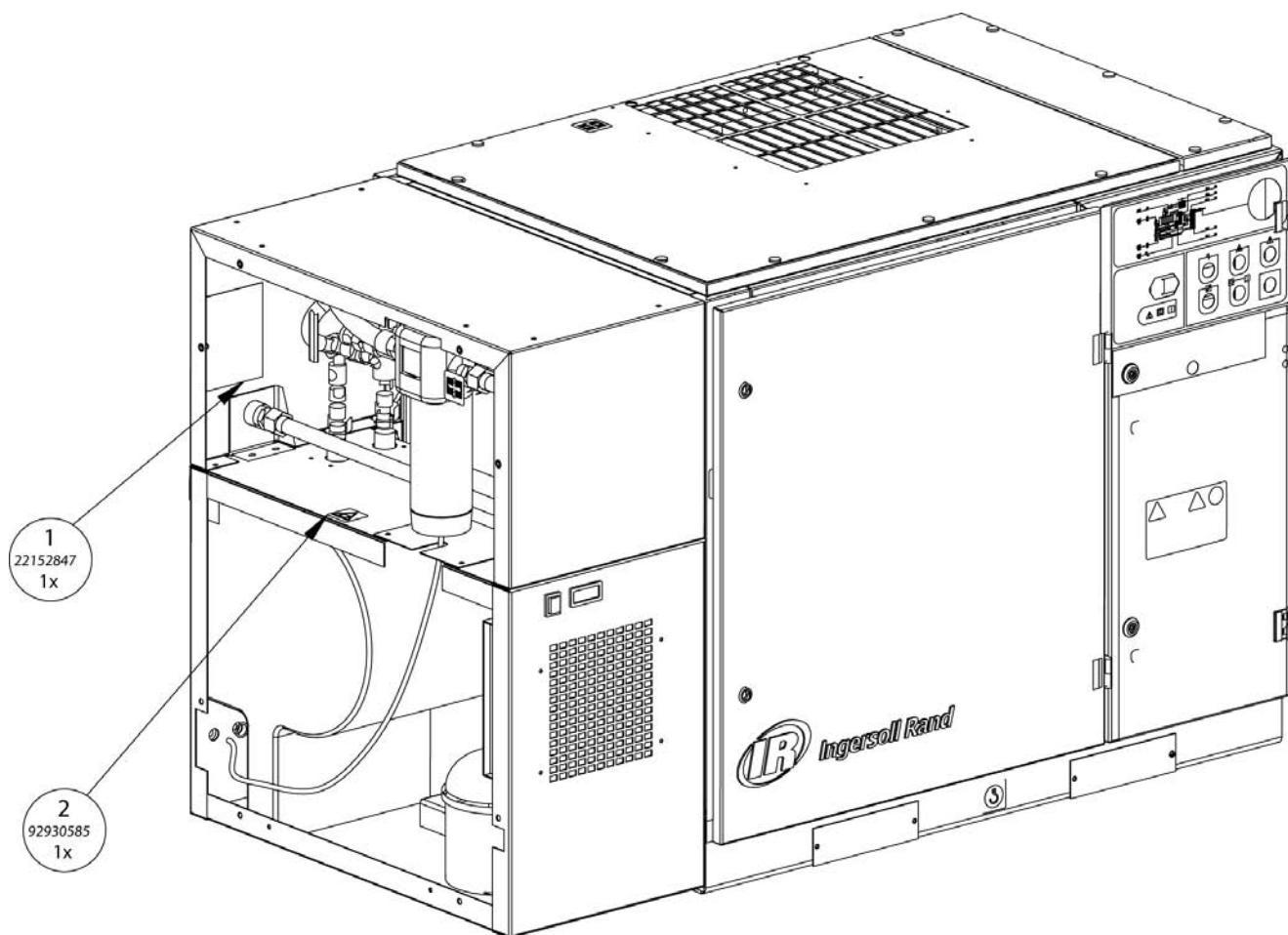
(Dwg. 22164990M13)

### PARTS LIST

| Item | Part No. | Description                    | Qty. |
|------|----------|--------------------------------|------|
| 1    | 92930593 | DECAL, ELECTRIC SHOCK          | 1    |
| 2    | 92950112 | DECAL, VOLTAGE 230/1/50        | 1    |
| 3    | 93165959 | DECAL, USE GUARDS WHEN RUNNING | 1    |
| 4    | 93166478 | DECAL, CONDENSATE DRAIN        | 1    |

## 50 HZ DECAL ASSEMBLY DRAWING AND PARTS LIST

### Assembly, Dryer Option Internal Decals



(Dwg. 22164990M14)

### PARTS LIST

| Item | Part No. | Description                  | Qty. |
|------|----------|------------------------------|------|
| 1    | 22152847 | DECAL, DRYER, VALVE POSITION | 1    |
| 2    | 92930585 | DECAL, PRESSURIZED VESSEL    | 1    |

## RECOMMENDED PARTS LIST

### MAINTENANCE KIT (NO COOLANT)

| CCN      | DESCRIPTION               |
|----------|---------------------------|
| 24178402 | KIT – MAINTENANCE 2000 HR |

### OPTION KITS

| CCN      | DESCRIPTION                                 |
|----------|---------------------------------------------|
| 38032413 | KIT – SEPARATOR PRESSURE DROP GAUGE OPTION  |
| 22163802 | KIT – MODULATION (200 PSIG / 14 BARG)       |
| 22226310 | KIT – MODULATION (115-150 PSIG / 7-10 BARG) |
| 22396600 | KIT – PORO (ELECTRO/PNEUMATIC)              |
| 22208052 | KIT – PORO (INTELLYSIS)                     |
| 22503411 | KIT – VOLTAGE SPIKE PROTECTION              |
| 38036695 | KIT – HIGH DUST AIR FILTER                  |
| 88328943 | KIT – OUTDOOR MODIFICATION                  |
| 22174395 | KIT – LOW AMBIENT (60 Hz) NON-TANK MOUNTED  |
| 22163661 | KIT – LOW AMBIENT (60 Hz) TANK MOUNTED      |
| 22174411 | KIT – LOW AMBIENT (50 Hz) NON-TANK MOUNTED  |
| 22174403 | KIT – LOW AMBIENT (50 Hz) TANK MOUNTED      |

### REPAIR KITS

| CCN      | DESCRIPTION                                |
|----------|--------------------------------------------|
| 22067177 | KIT – INLET VALVE REPAIR                   |
| 22293971 | KIT – INLET VALVE FLAPPER REPAIR           |
| 22064695 | KIT – MINIMUM PRESSURE CHECK VALVE REPAIR  |
| 22832885 | KIT – THERMAL VALVE REPAIR                 |
| 38032421 | KIT – SEPARATOR PRESSURE DROP GAUGE REPAIR |
| 22861116 | KIT – SHAFT SEAL                           |

### SPARE PARTS

| CCN      | DESCRIPTION                       |
|----------|-----------------------------------|
| 89295976 | ELEMENT, AIR FILTER               |
| 54672654 | FILTER, COOLANT                   |
| 54749247 | CARTRIDGE, SEPARATOR              |
| 22053722 | PRE FILTER                        |
| 22505309 | SWITCH, PRESSURE                  |
| 32342149 | SWITCH, OFF/ON                    |
| 32342172 | PUSHBUTTON, RESET                 |
| 22053904 | BUTTON, EMERGENCY STOP            |
| 32342156 | INDICATOR (GREEN)                 |
| 32342180 | INDICATOR (RED)                   |
| 32342164 | INDICATOR (WHITE)                 |
| 54772058 | GAUGE, PRESSURE                   |
| 39124722 | INDICATOR, AIR RESTRICTION        |
| 32342131 | HOUR METER                        |
| 32342099 | FUSE (FU2, FU3) 1.5 A/600 V/60 Hz |
| 22074033 | FUSE (FU1) 2.0A/125-250 V/60 Hz   |
| 22071831 | FUSE (FU1, FU2) 1.6 A/500 V/50 Hz |
| 22071815 | FUSE (FU3) 2.0 A/500 V/50 Hz      |
| 22294037 | RELAY, TIME DELAY                 |

## RECOMMENDED PARTS LIST

### SPARE PARTS

| CCN      | DESCRIPTION                              |
|----------|------------------------------------------|
| 39255559 | RELAY, FAULT, HIGH AIR TEMPERATURE (HAT) |
| 37952421 | KIT – AIR TEMPERATURE (HAT) SWITCH       |
| 39404165 | O-RING, AIR TEMPERATURE (HAT) SWITCH     |
| 54740386 | GASKET, BARE SPACER                      |
| 54740378 | GASKET, MANIFOLD                         |
| 39570999 | GASKET, DISCHARGE ADAPTOR                |
| 39494794 | GASKET, INLET VALVE                      |
| 24279200 | HOSE ASSEMBLY (PTFE/SS)                  |
| 85561231 | HOSE ASSEMBLY (RUBBER)                   |
| 22358154 | BUTTON, EMERGENCY STOP                   |
| 22358501 | INDICATOR (GREEN)                        |
| 54774302 | VALVE, SOLENOID (LOAD)                   |
| 54654652 | VALVE, SOLENOID (BLOWDOWN)               |
| 54749114 | SPRING, GAS                              |

### SAFETY VALVES

#### RECEIVER TANK

| CCN      | DESCRIPTION                                       |
|----------|---------------------------------------------------|
| 39588074 | VALVE, SAFETY – 200 PSI (120 GALLON TANK) – 60 Hz |
| 22052450 | VALVE, SAFETY – 225 PSI (240 GALLON TANK) – 60 Hz |
| 92957604 | VALVE, SAFETY – 15 BAR (500 LITER TANK) – 50 Hz   |
| 54426580 | VALVE, SAFETY – 10.5 BAR (750 LITER TANK) – 50 Hz |

#### SEPARATOR MANIFOLD/TANK

| CCN      | DESCRIPTION                                          |
|----------|------------------------------------------------------|
| 22052450 | VALVE, SAFETY – 225 PSI (SEPARATOR MANIFOLD) – 60 Hz |
| 22057954 | VALVE, SAFETY – 15 BAR (SEPARATOR MANIFOLD) – 50 Hz  |

### DRIVE BELTS

#### 60 Hz

| CCN      | DESCRIPTION                                                                          |
|----------|--------------------------------------------------------------------------------------|
| 22108393 | BELT, DRIVE – 15 hp 125 PSI / 20 hp 125 PSI                                          |
| 22108427 | BELT, DRIVE – 15 hp 150 PSI                                                          |
| 89265060 | BELT, DRIVE – 20 hp 175 PSI / 25 hp 150 PSI / 30 hp 125 PSI / 30 hp 125,150, 200 PSI |
| 89265078 | BELT, DRIVE – 20 hp 150 PSI / 25 hp 200 PSI                                          |
| 89265052 | BELT, DRIVE – 25 hp 125 PSI                                                          |

#### 50 Hz

| CCN      | DESCRIPTION                                                                |
|----------|----------------------------------------------------------------------------|
| 22108393 | BELT, DRIVE – 11 kW 7.5, 8.5 bar / 18.5 kW 14 bar                          |
| 22108401 | BELT, DRIVE – 11 kW 10 bar                                                 |
| 22108419 | BELT, DRIVE – 11 kW 14 bar                                                 |
| 89265060 | BELT, DRIVE – 15 kW 7.5, 8.5 bar / 18.5 kW 7.5, 8.5 bar / 22 kW 10, 14 bar |
| 89265078 | BELT, DRIVE – 15 kW 10 bar                                                 |
| 22108427 | BELT, DRIVE – 15 kW 14 bar                                                 |
| 89265052 | BELT, DRIVE – 18.5 kW 10 bar / 22 kW 7.5, 8.5 bar                          |

## RECOMMENDED PARTS LIST

### COOLANT CHECK

| CCN      | DESCRIPTION               |
|----------|---------------------------|
| 88176367 | KIT – COOLANT SAMPLECHECK |

### COOLANT

| SIZE     | ULTRA    | ULTRA EL | ULTRA FG (FOOD GRADE) |
|----------|----------|----------|-----------------------|
| 1 Liter  | 92837095 | 24161119 | -                     |
| 5 Liter  | 92692284 | 24061608 | 23973969              |
| 15 Liter | -        | 24061624 | -                     |
| 20 Liter | 38459582 | -        | 23973977              |



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