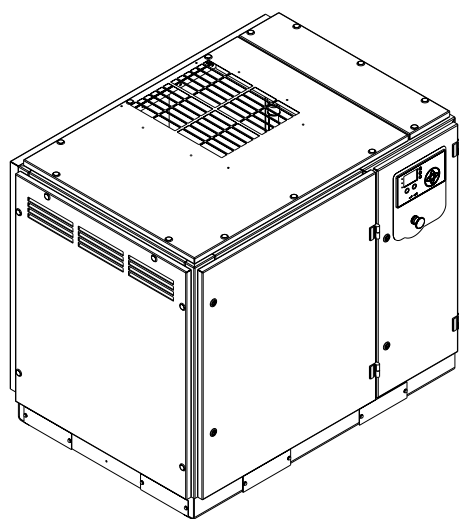




## Contact-Cooled Rotary Screw Air Compressor

UP5S 11, UP5S 15, UP5S 18, UP5S 22 (50Hz)  
UP6S 15, UP6S 20, UP6S 25, UP6S 30 (60Hz)



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## 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

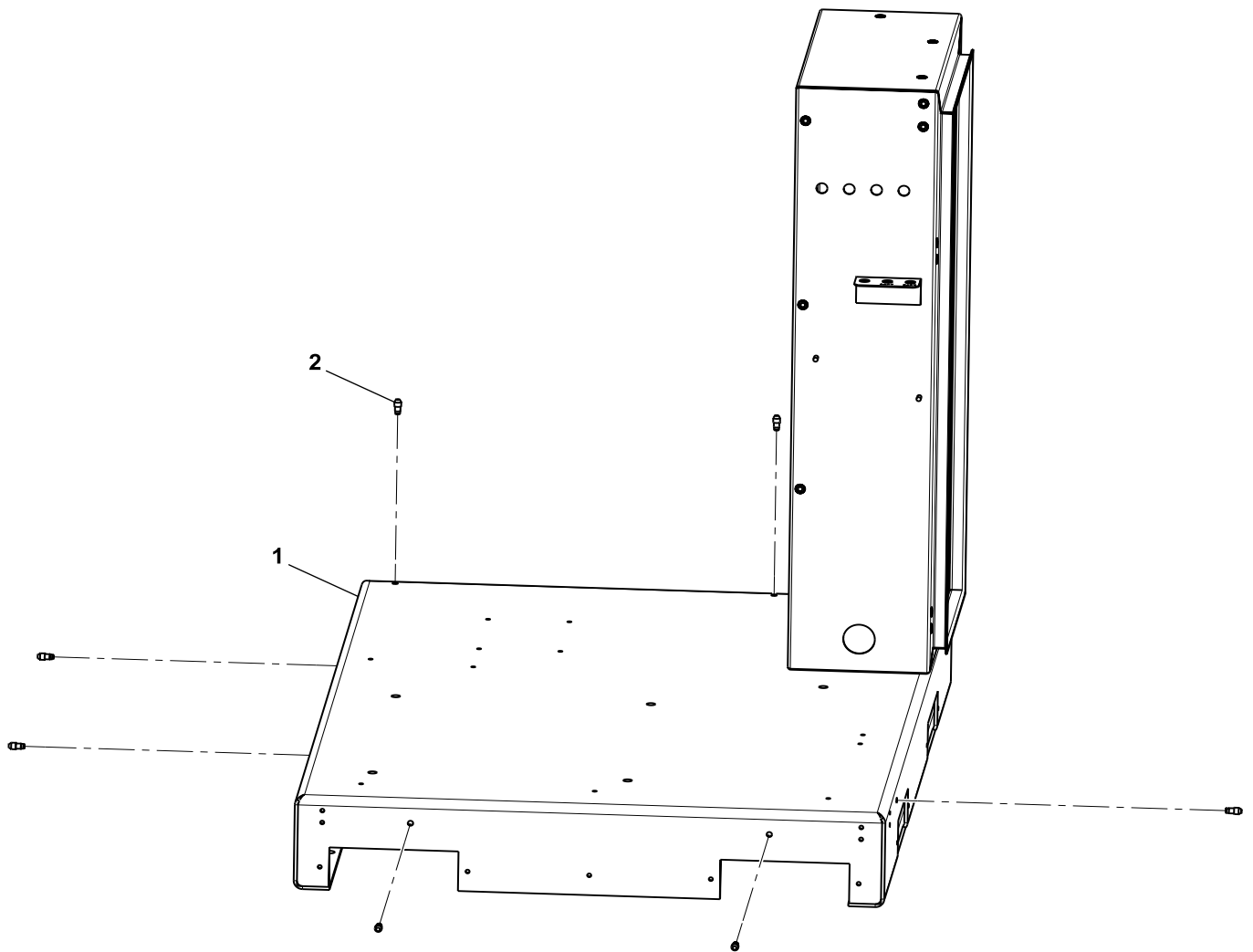


When the life of the product has expired, it is recommended that it be disassembled, degreased and parts separated as to materials so that they may be recycled.

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

## BASE ASSEMBLY DRAWING AND PARTS LIST

### Assemble Base And Locator Pins



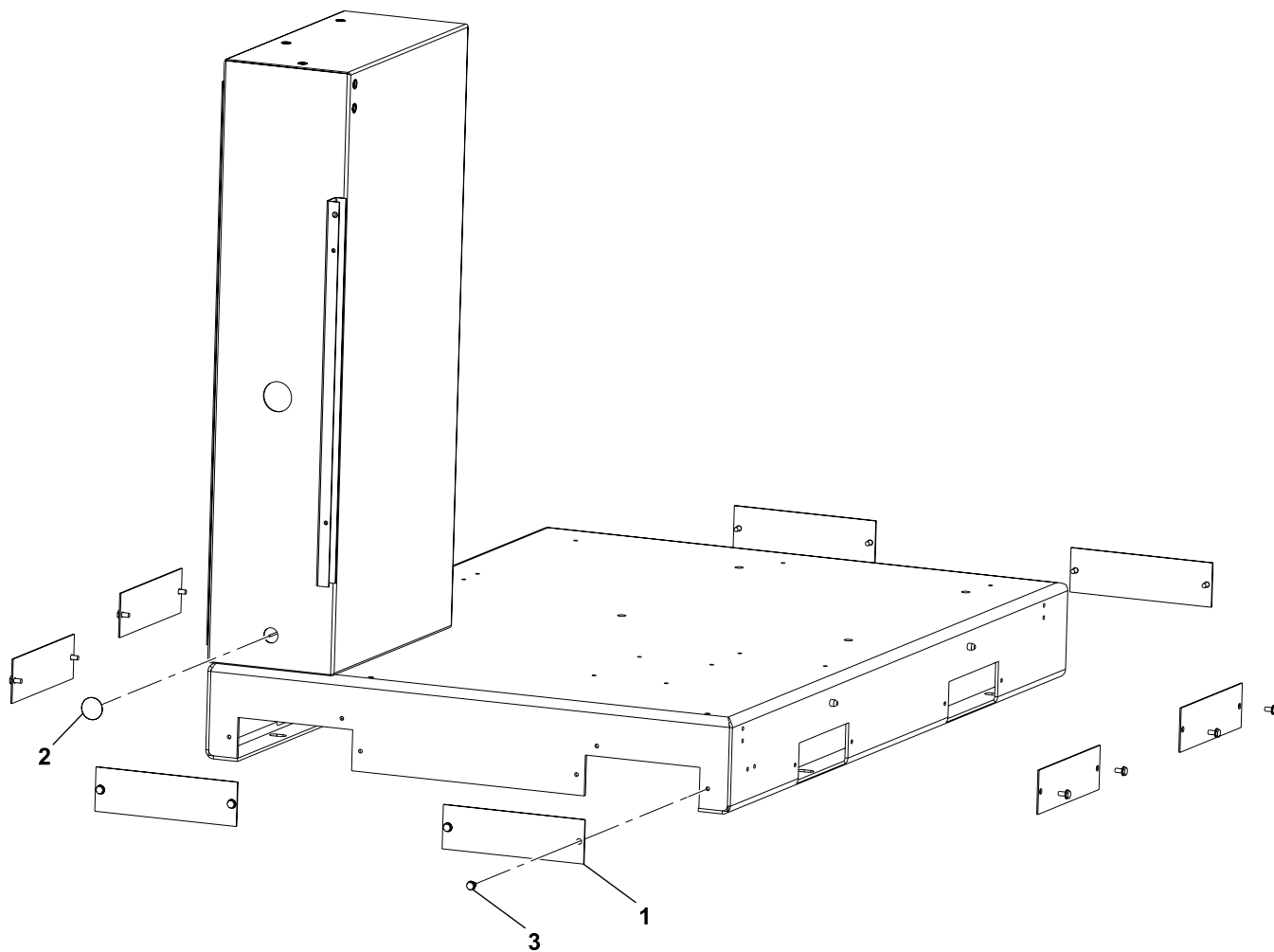
(Dwg. 48776041A2)

#### PARTS LIST

Item	Part No.	Description	Qty.
1	24770208	BASE, STANDARD	1
2	39138490	PIN, LOCATOR	7

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

**Assemble Nema 4 Conduit Plug And Fork Lift Hole Covers**



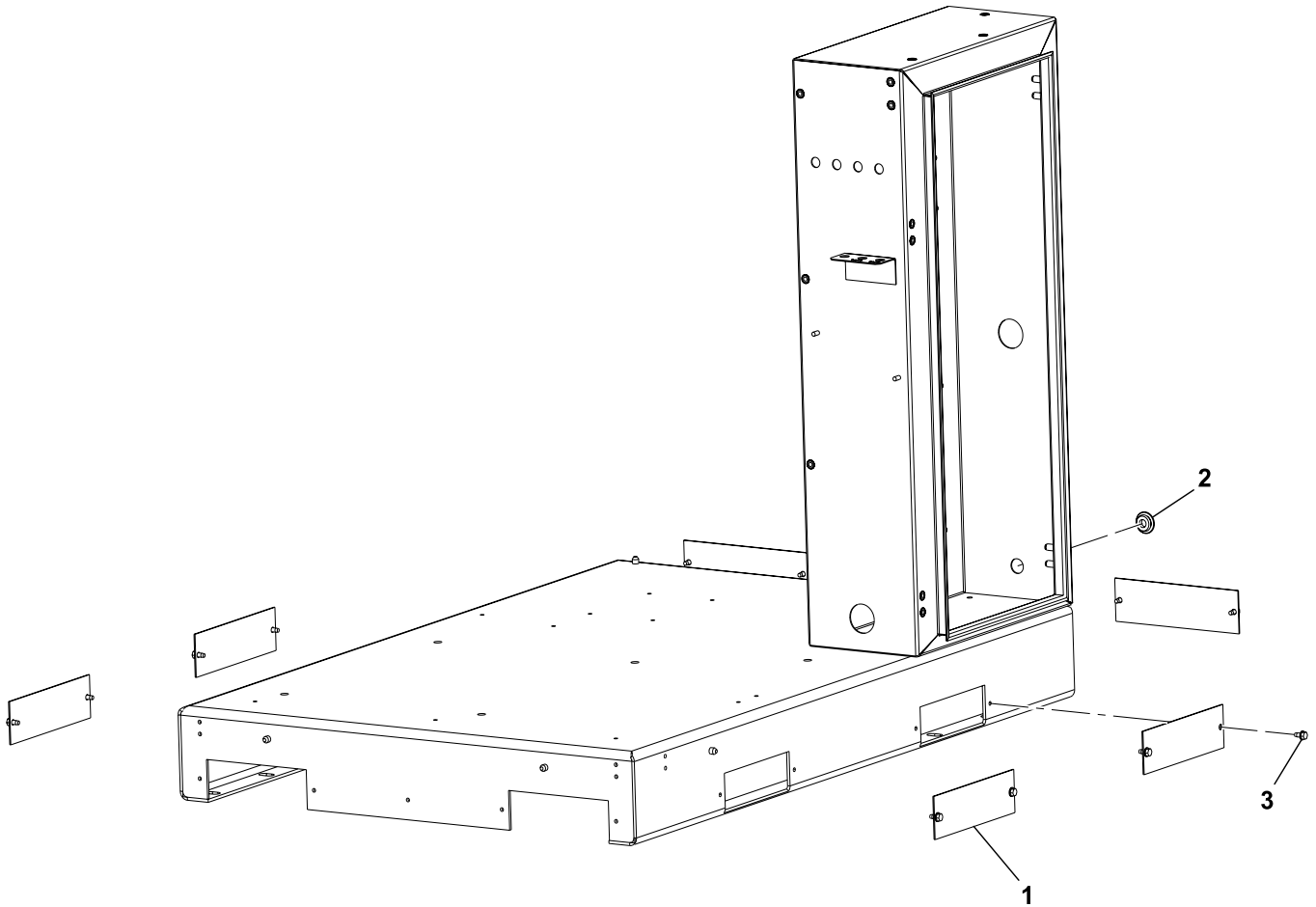
(Dwg. 48776041A3)

**PARTS LIST**

Item	Part No.	Description	Qty.
1	22058580	COVER, FORKLIFT OPENING	8
2	39140785	TAPTIPLUG, .50" PUSH IN	1
3	92368687	TAPTITE SCREW M6 x 1 x 12 LG	16

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

## Assemble NEMA 4 Conduit Hole Plug And Fork Lift Hole Covers



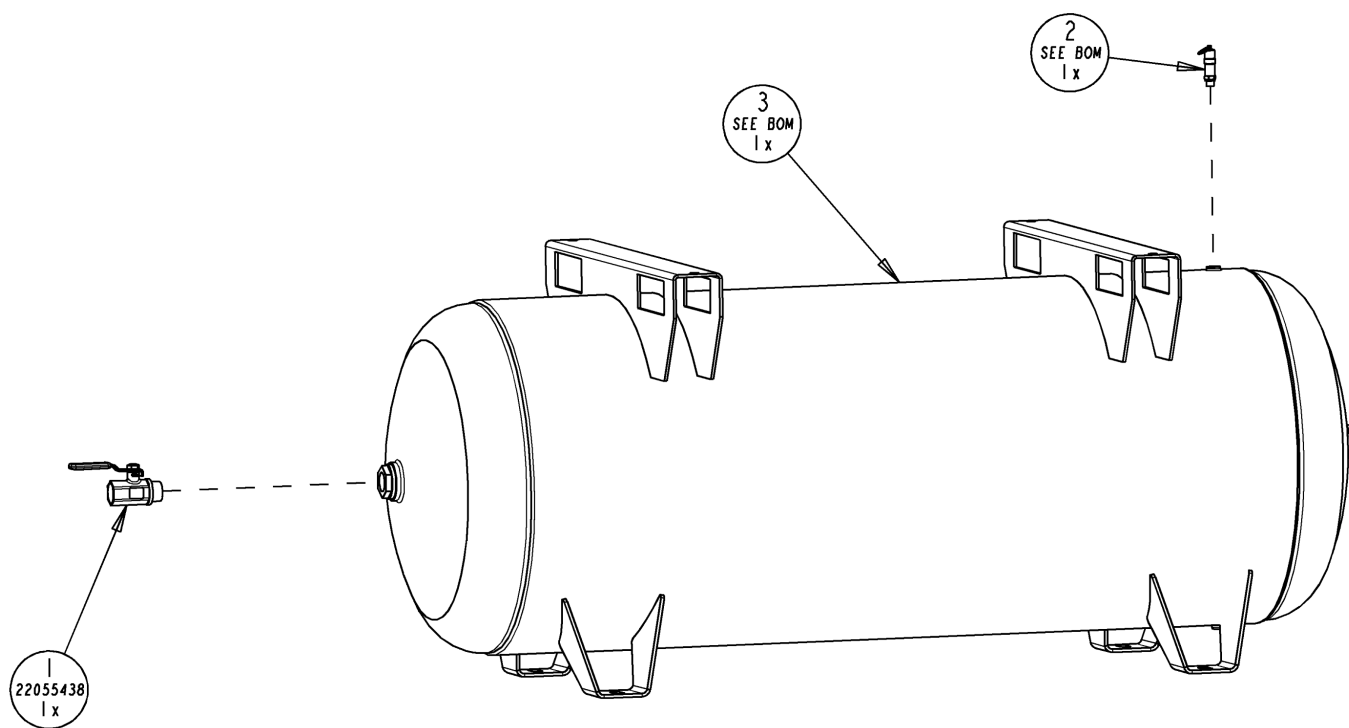
(Dwg. 48776041A4)

### PARTS LIST

Item	Part No.	Description	Qty.
1	22058580	COVER, FORKLIFT OPENING	6
2	39140785	PLUG, .50" PUSH IN	1
3	92368687	TAPTITE SCREW	12

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

## Assemble Receiver Tank, Ball Valve And Safety Valve



(Dwg. 22174593A2)

### PARTS LIST

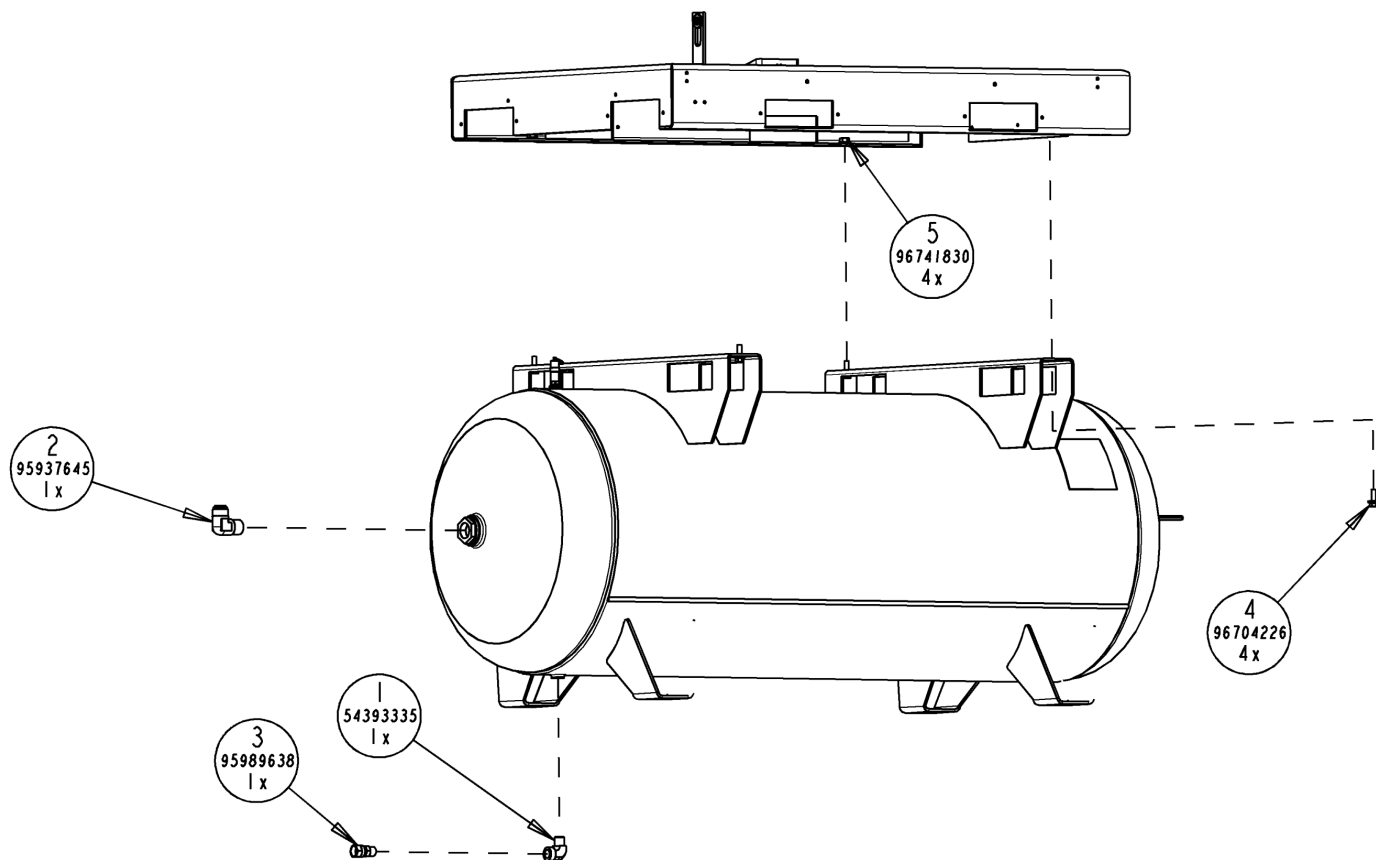
Item	Part No.	Description	Qty.
1	22055438	VALVE, BALL 1.00 NPT x 1.00 FNPT	1
2	SEE TABLE	VALVE, PRESSURE SAFETY	1
3	SEE TABLE	ASSEMBLY, RECEIVER TANK	1

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

Description	Pressure relief valve	Receiver tank assembly
120 GALLON RECEIVER 125/145 PSI 60 Hz UNITS	39588074	54701115
120 GALLON RECEIVER 200 PSI 60 Hz UNITS	22052450	54701123
240 GALLON RECEIVER 125/145 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



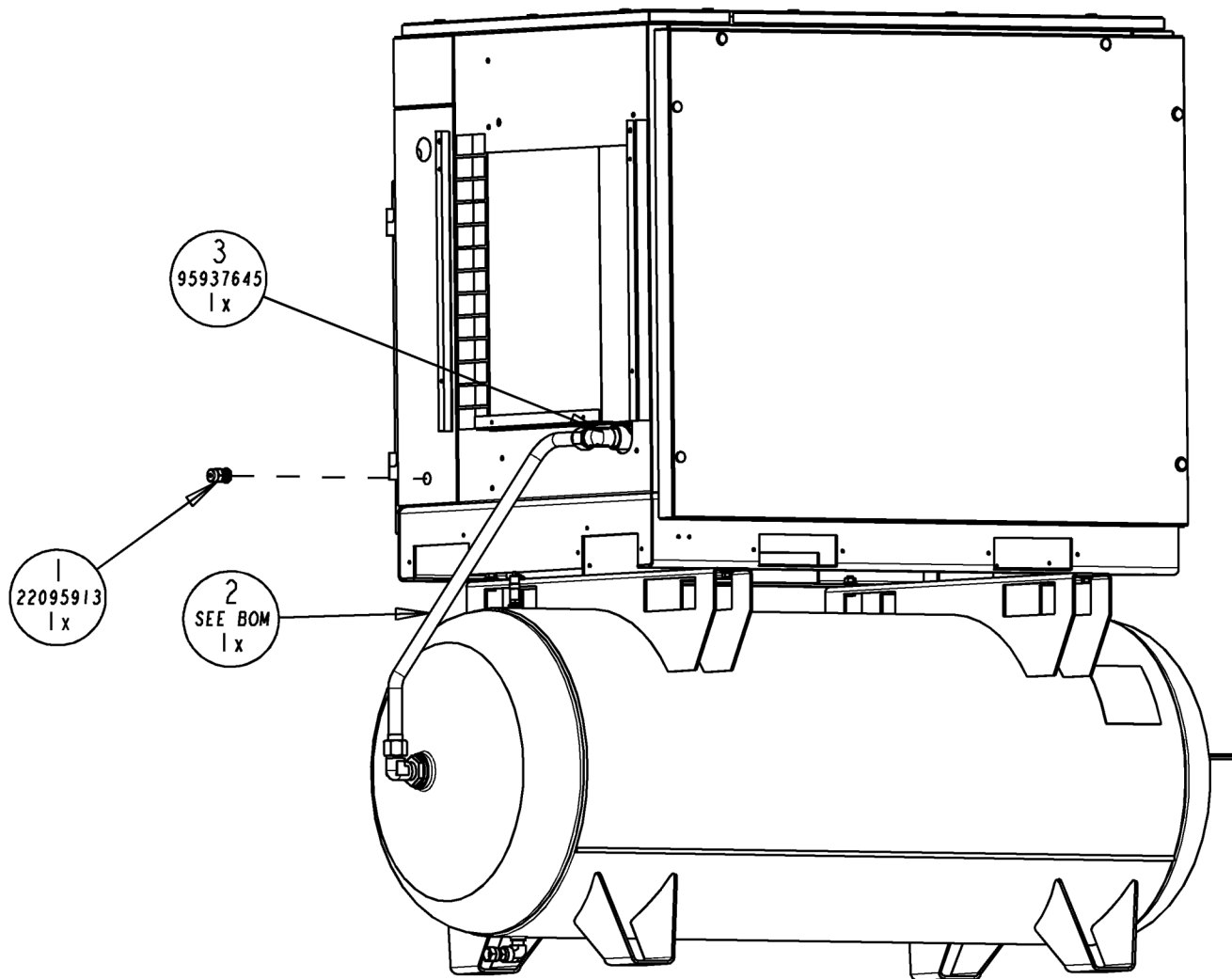
(Dwg. 22174593A3)

## PARTS LIST

Item	Part No.	Description	Qty.
1	54393335	ELBOW, STREET-1/2" DANA #C3409x8	1
2	95937645	ELBOW 1.00 TUBE x 1.00 NPT	1
3	95989638	CONNECTOR, 0.50 NPT x 0.63 FEMALE TUBE	1
4	96704226	SCREW, HEX HEAD FLANGE	4
5	96741830	NUT, HEX FLANGE LOCK SERRATED MI2	4

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

**Assemble Air Discharge Tube And Cable Glands**



(Dwg. 22174593A4)

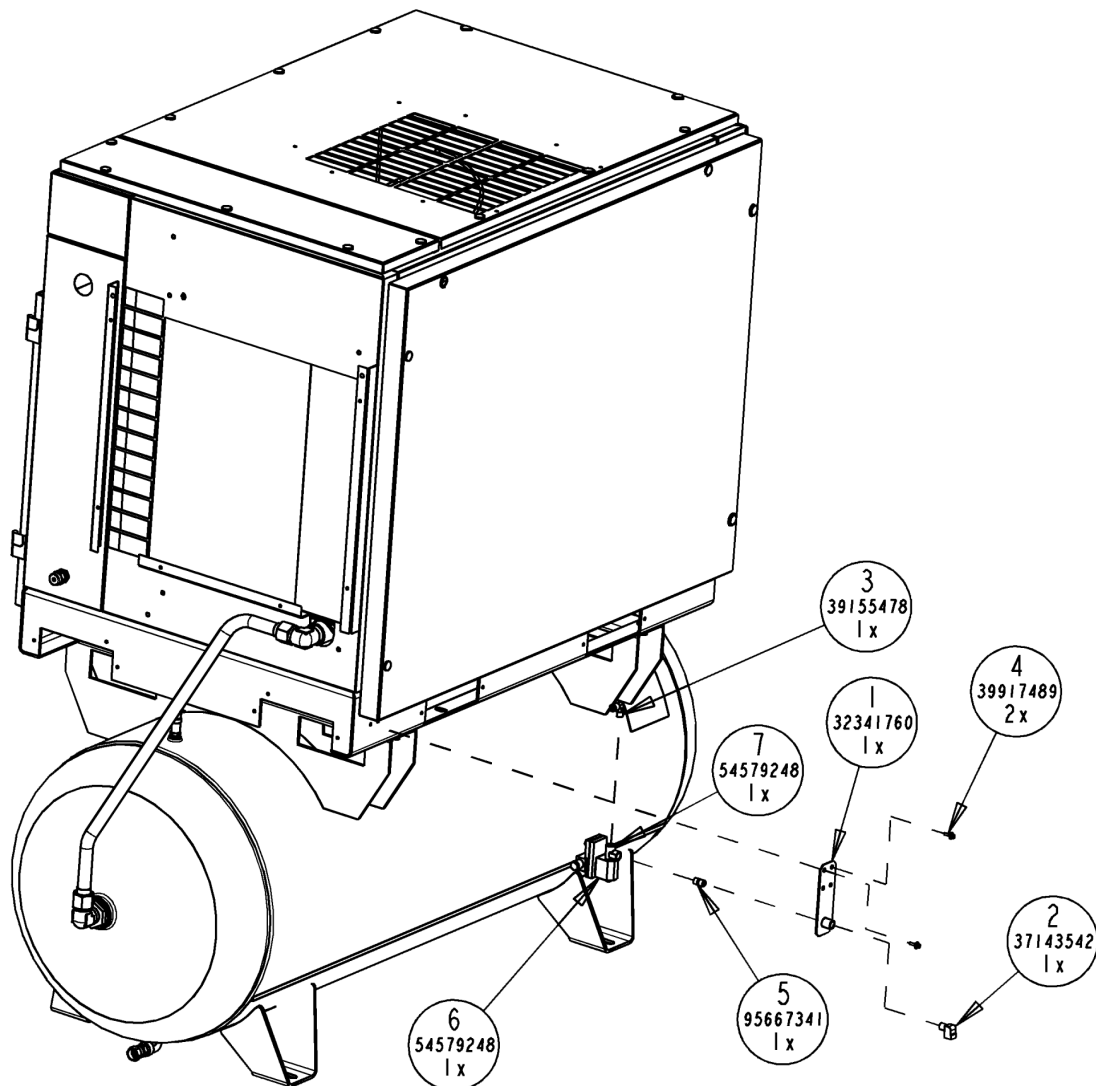
**PARTS LIST**

Item	Part No.	Description	Qty.
1	22095913	GLAND, PG-13 CABLE (LIQUID TIGHT FITTING)	1
2	SEE TABLE	TUBE, AIR DISCHARGE	1
3	95937645	ELBOW 1.00 TUBE x 1.00 NPT	1

Table for Air discharge tube	
Description	Air discharge tube
120 GALLON RECEIVER 125/145 PSI 60 Hz UNITS	85582161
120 GALLON RECEIVER 200 PSI 60 Hz UNITS	85582161
240 GALLON RECEIVER 125/145 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



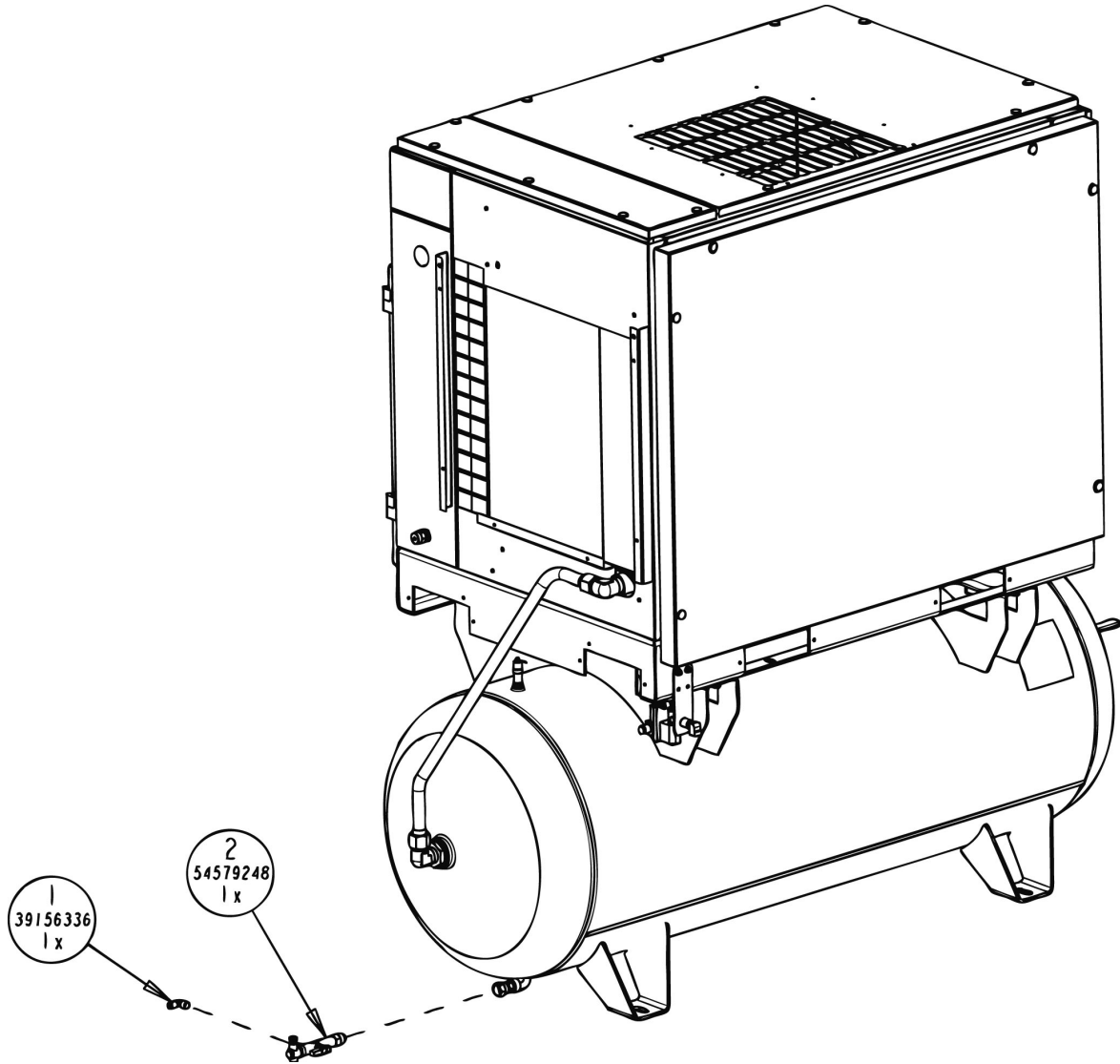
(Dwg. 22174593A5)

## PARTS LIST

Item	Part No.	Description	Qty.
1	32341760	BRACKET, EDV-2000	1
2	37143542	ELBOW, STREET 1/4NPT	1
3	39155478	ELBOW , 0.25 NPT x 0.25 TUBE	1
4	39917489	SCREW, HEX HEAD FLANGE M6 x16.0 LONG ZINC	2
5	95667341	NIPPLE, EXTRA STRONG 0.25 NPT x 0.88 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



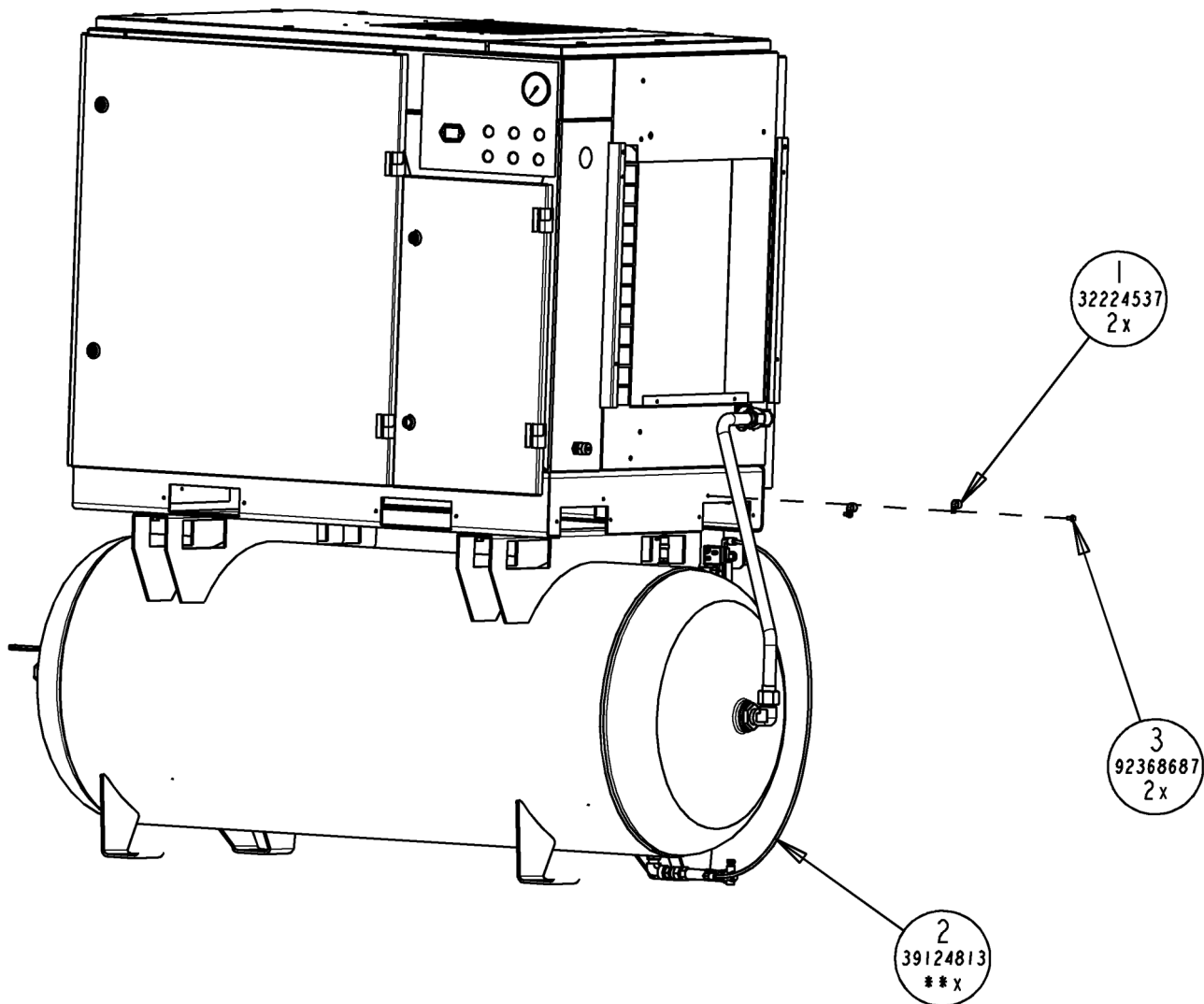
(Dwg. 22174593A6)

## PARTS LIST

Item	Part No.	Description	Qty.
1	39156336	ELBOW 0.25 FNPT x 0.25 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)

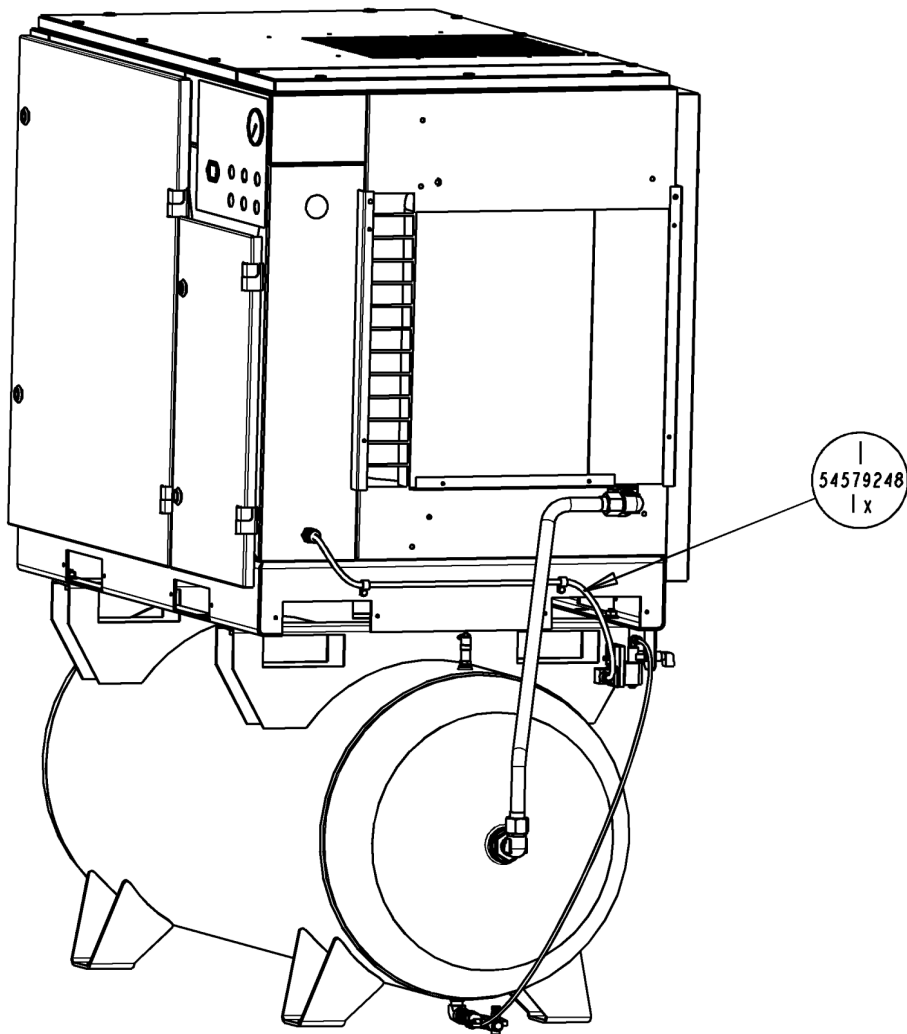
## PARTS LIST

Item	Part No.	Description	Qty.
1	32224537	CLAMP, TUBE 3/8	2
2	39124813	TUBING, 0.25" SYNIFLEX	A/R
3	92368687	TAPTITE SCREW M6 x 1x 12 LG	2

A/R	AS REQUIRED
-----	-------------

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

**Assemble Electric Drain Valve Cable**



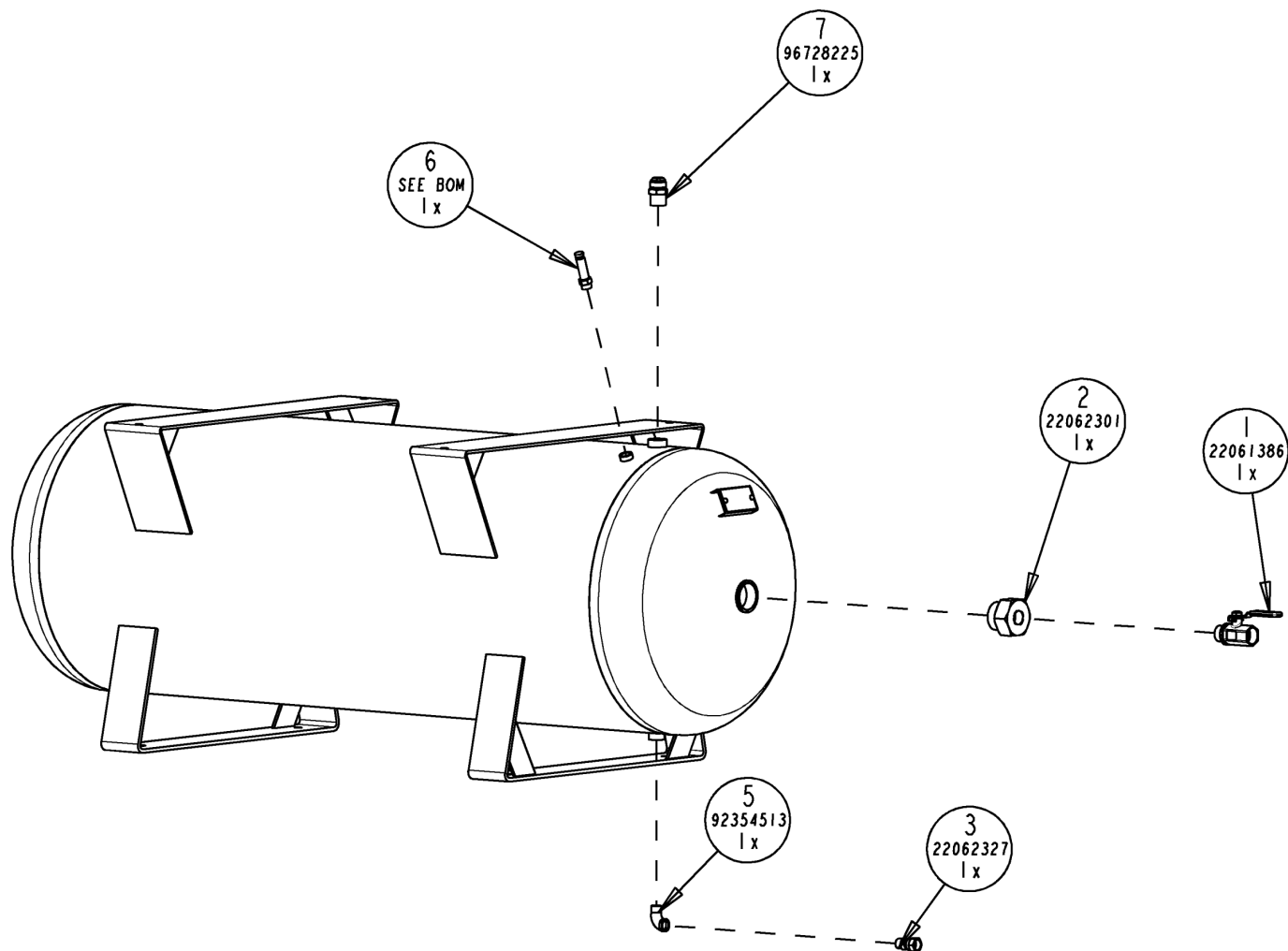
(Dwg. 22174593A8)

**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. 22174619C2)

### PARTS LIST

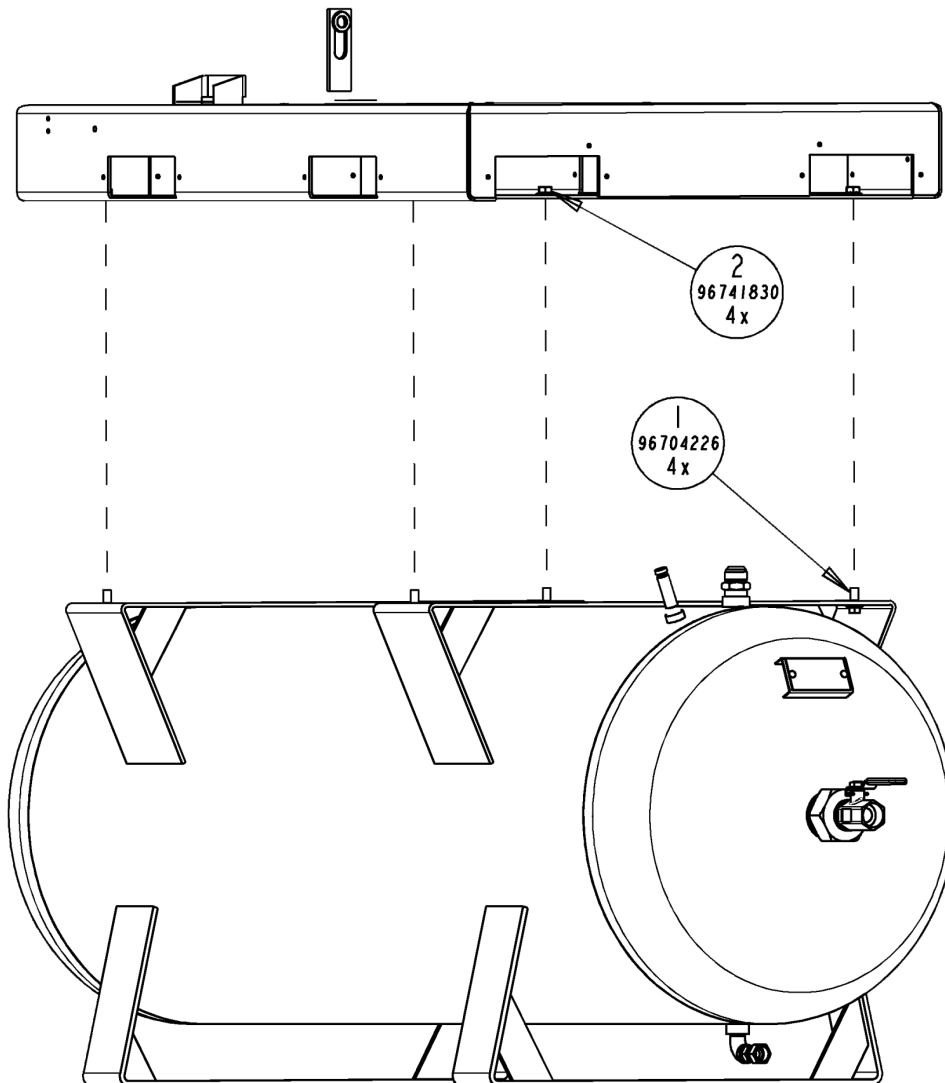
Item	Part No.	Description	Qty.
1	22061386	VALVE, BALL 1.00 BSPT MALE x1.00 BSPT FEMALE	1
2	22062301	BUSHING, REDUCING 2.00 BSPT MALE x 1.00 BSPT FEMALE	1
3	22062327	CONNECTOR 0.50 BSPT x 0.63 FEMALE TUBE	1
4	SEE TABLE	ASSEMBLY, RECEIVER TANK	1
5	92354513	ELBOW, STREET 150# 0.50 FNPT x 0.50 NPT	1
6	SEE TABLE	VALVE, PRESSURE SAFETY	1
7	96728225	CONNECTOR, 1.00 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



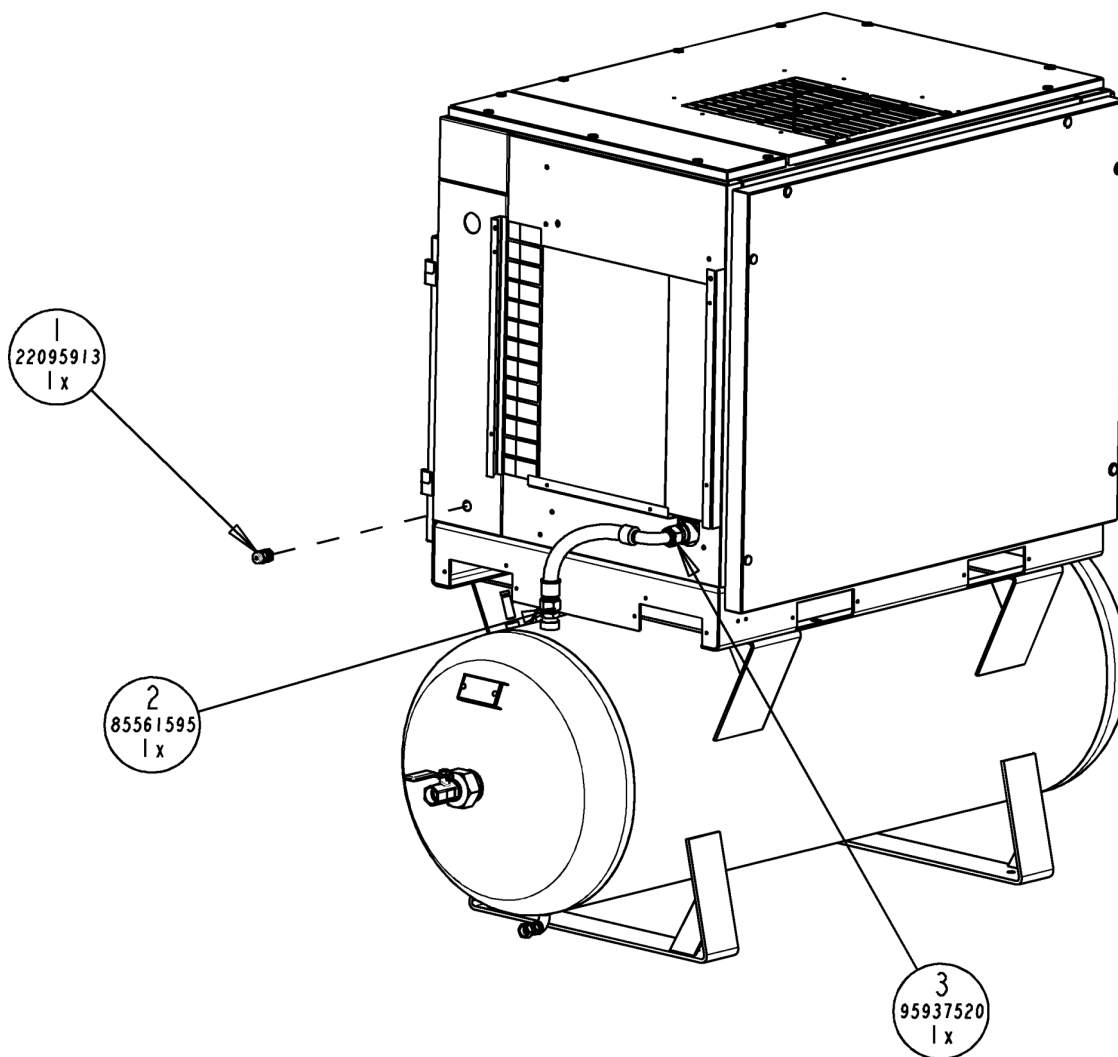
(Dwg. 22174619C3)

### 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



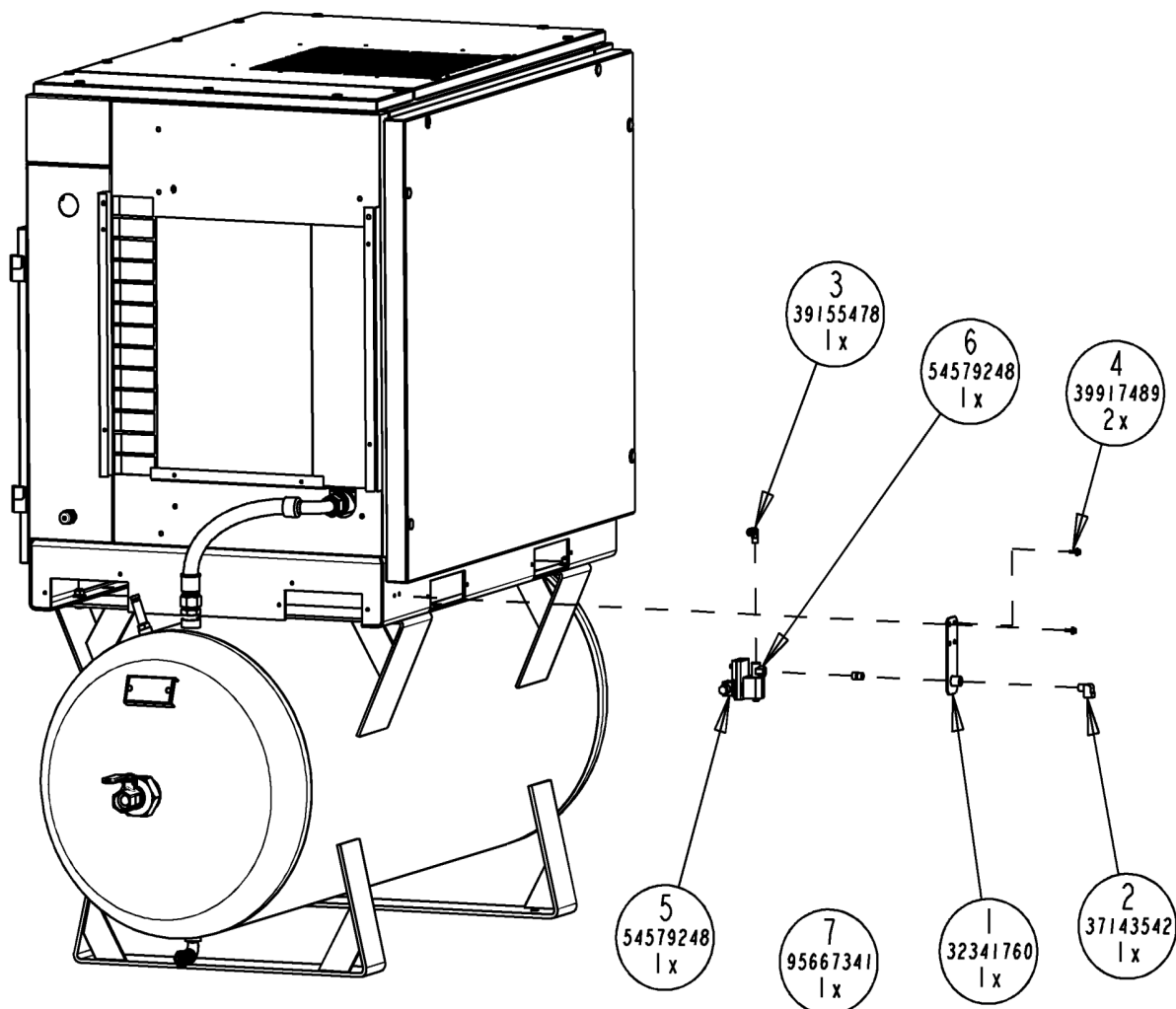
(Dwg. 22174619C4)

### PARTS LIST

Item	Part No.	Description	Qty.
1	22095913	GLAND, PG-13 CABLE (LIQUID TIGHT FITTING)	1
2	85560985	HOSE, HYDRAULIC STR x 90° -16 x550.00 LONG	1
3	95937520	CONNECTOR 1.00 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



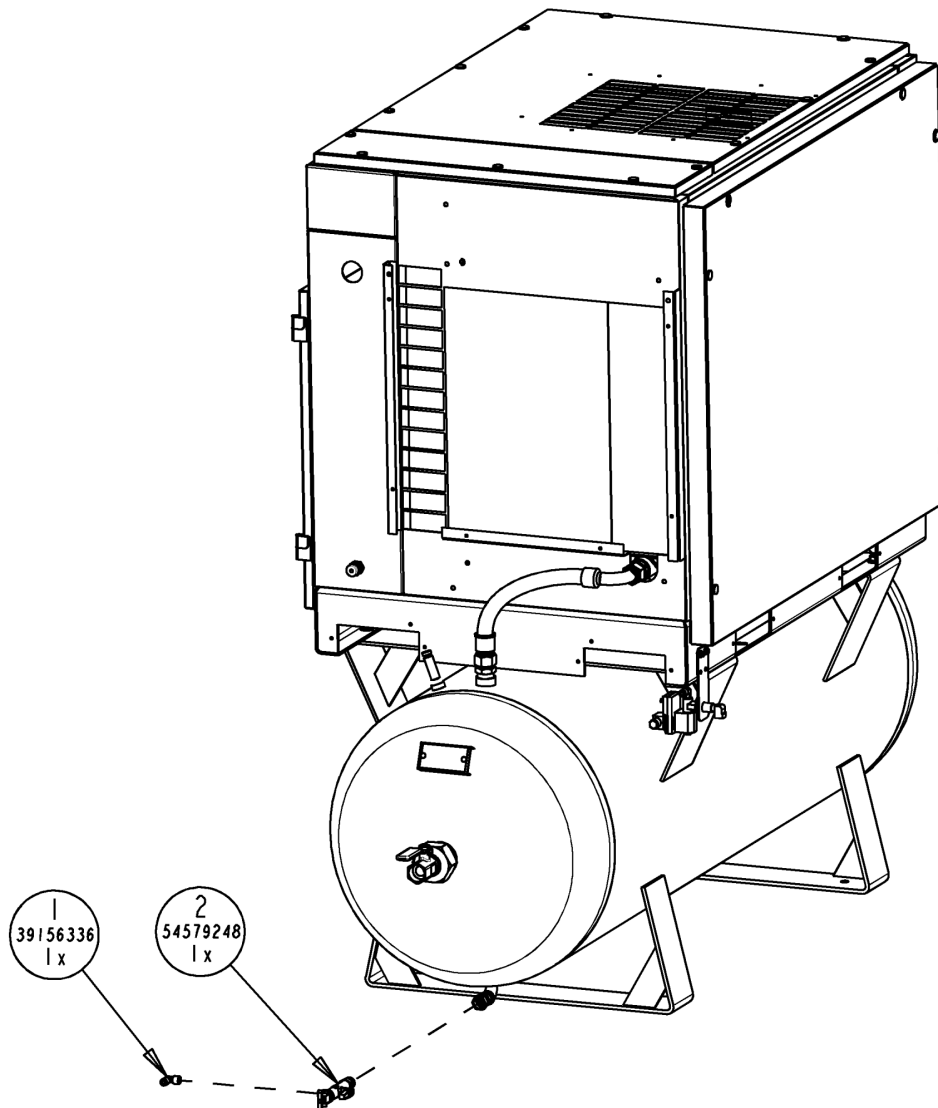
(Dwg. 22174619C5)

**PARTS LIST**

Item	Part No.	Description	Qty.
1	32341760	BRACKET, EDV-2000	1
2	37143542	ELBOW, STREET 1/4 NPT	1
3	39155478	ELBOW, 0.25 NPT x 0.25 TUBING	1
4	39917489	SCREW , HEX HEAD FLANGE M6 x 16.0 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 LONG)	1

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

**Assemble Electric Drain Valve Parts To Receiver Tank**



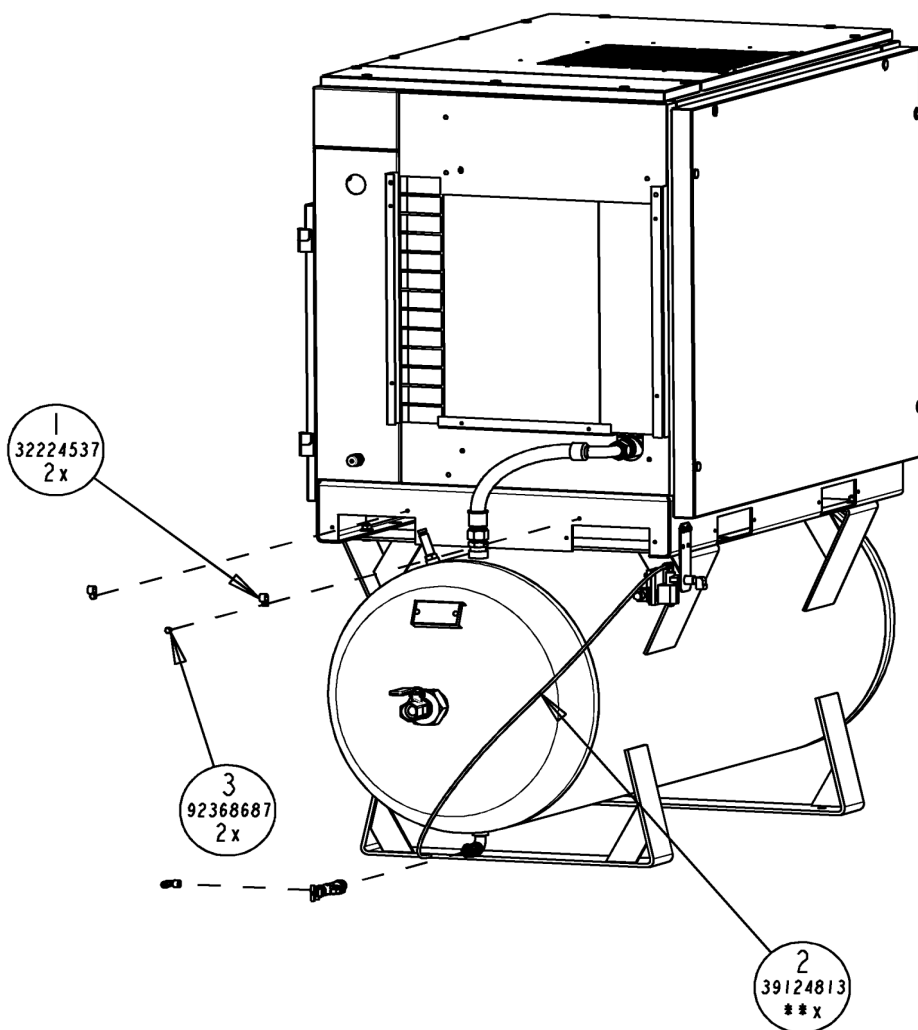
(Dwg. 22174619C6)

**PARTS LIST**

Item	Part No.	Description	Qty.
1	39156336	ELBOW, 0.25 FNPT x 0.25 TUBE	1
2	54579248	ASSY., ELECTRIC DRAIN VALVE	1

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

**Assemble Drain Valve Cable Clamps And Drain Tubing**



(Dwg. 22174619C7)

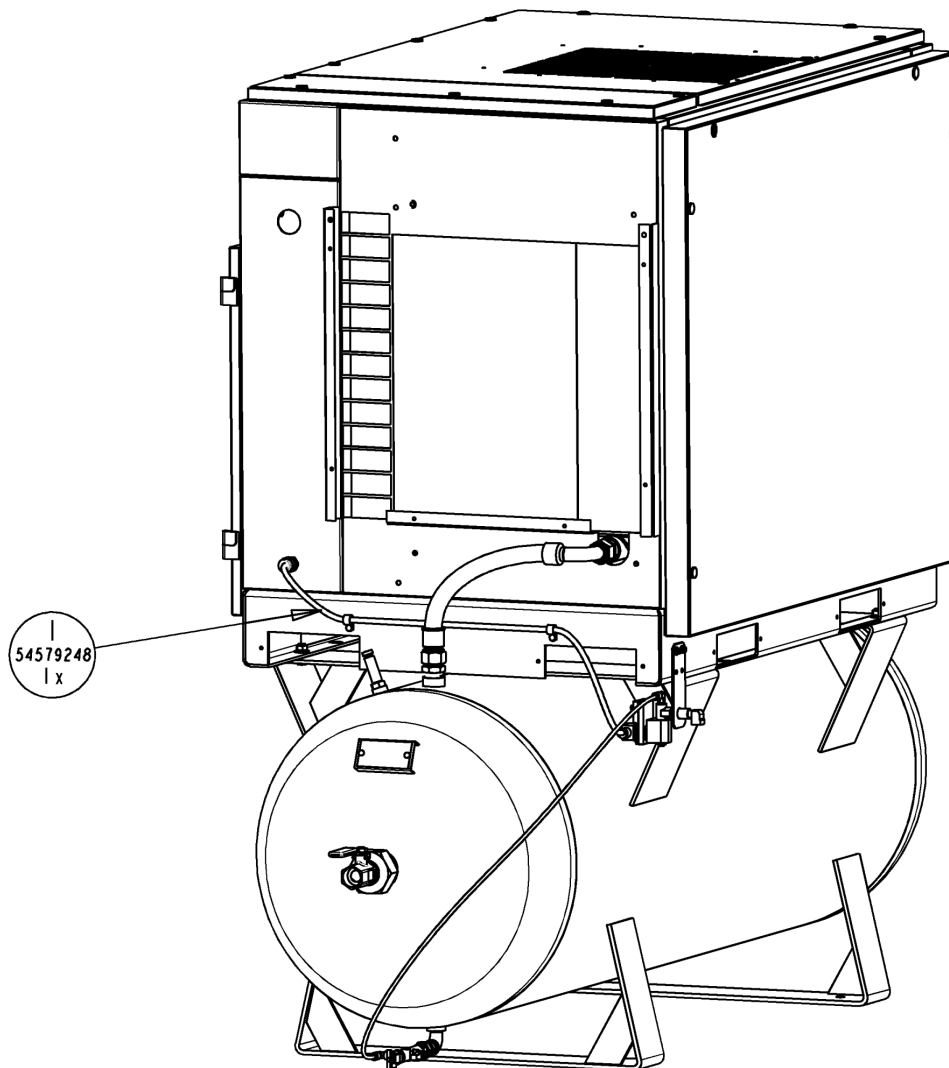
**PARTS LIST**

Item	Part No.	Description	Qty.
1	32224337	CLAMP, TUBE 3/8	2
2	39124813	TUBING, 0.25 INCH SYNDFLEX	A/R
3	92368687	TAPTITE SCREW M6 x 1 x 12 LG	2

A/R	AS REQUIRED
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**RECEIVER TANK (50 HZ, NO DRYER) ASSEMBLY DRAWING AND PARTS LIST**

**Assemble Electric Valve Cable**



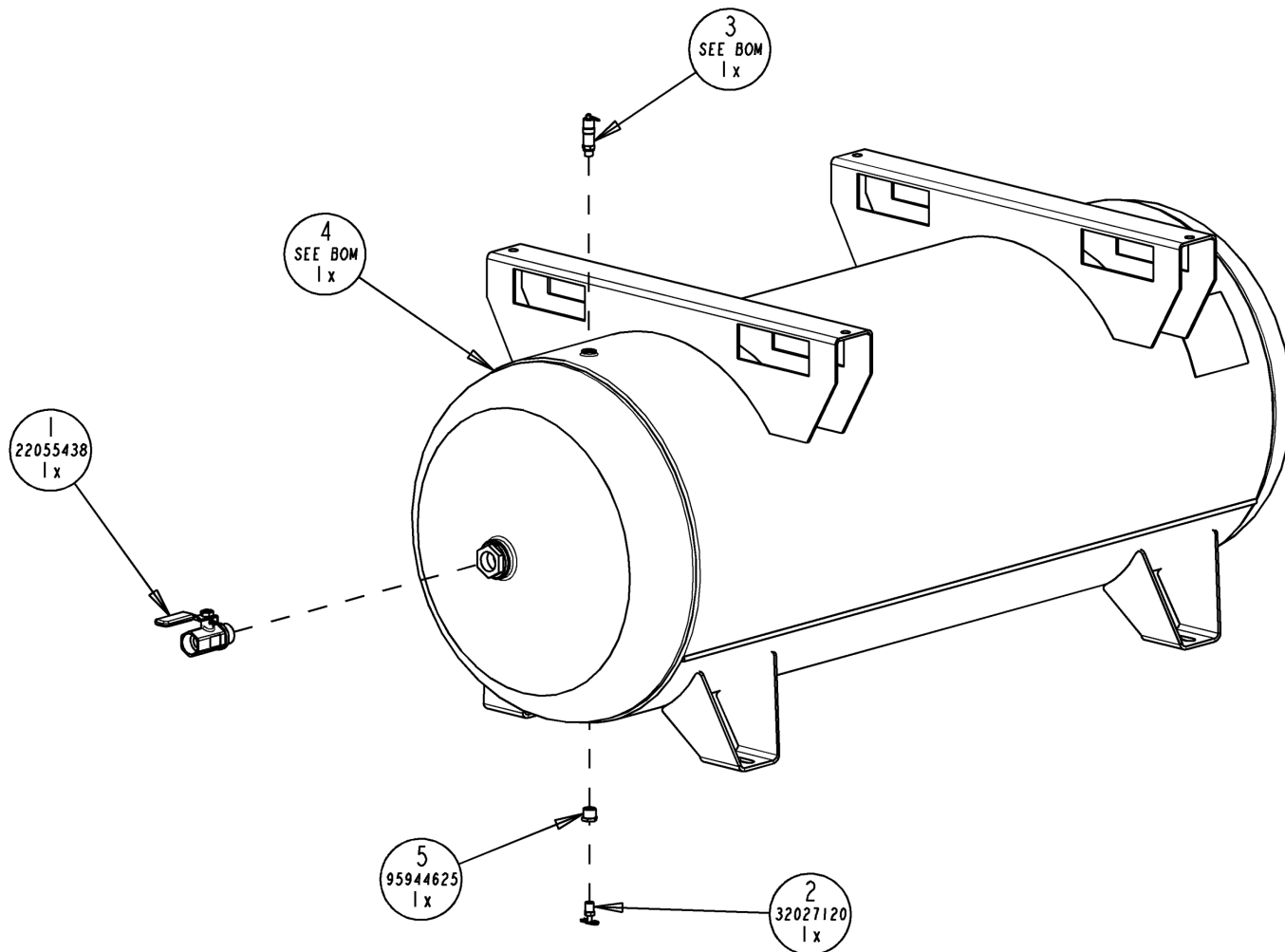
(Dwg. 22174619C8)

**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

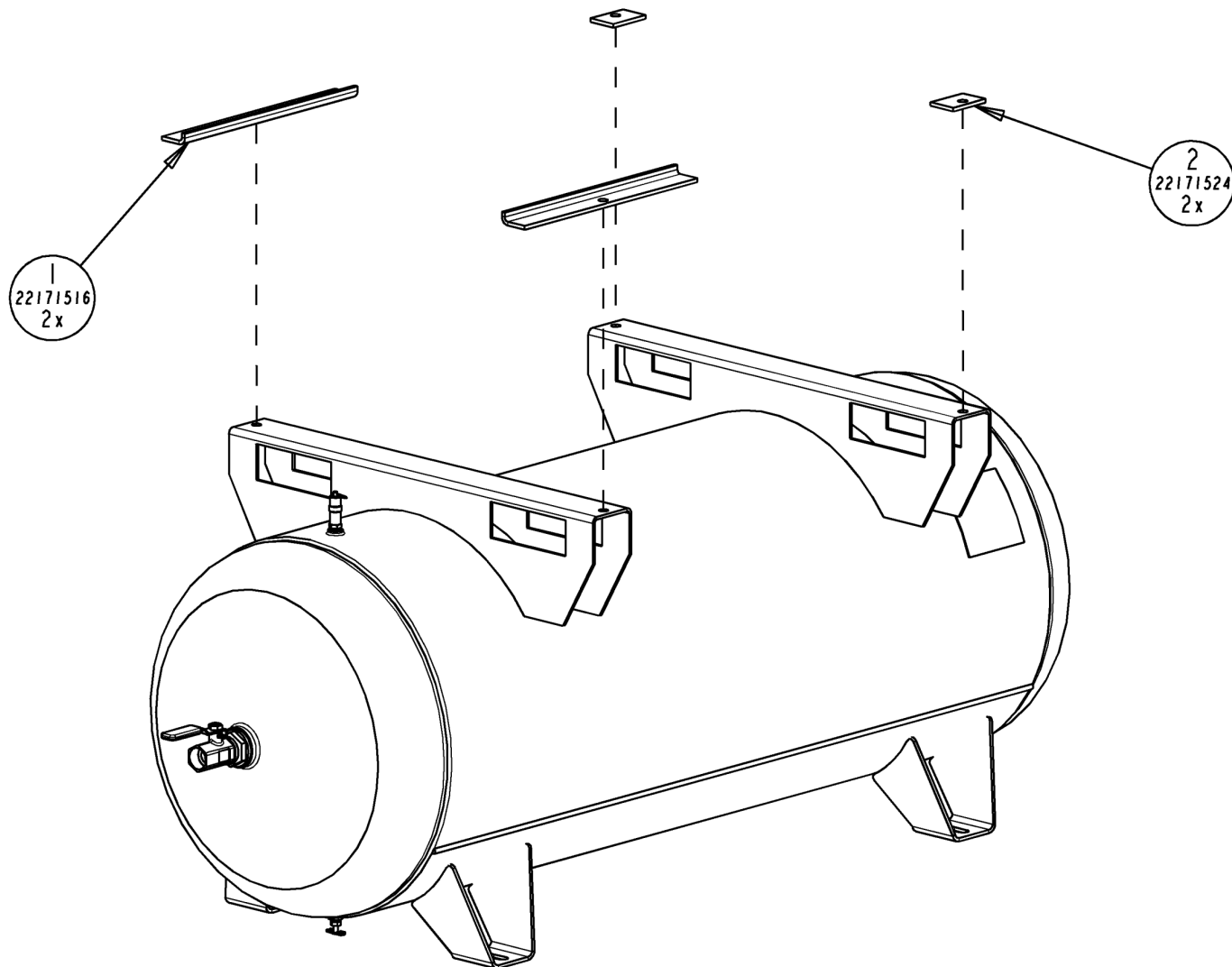
Item	Part No.	Description	Qty.
1	22055438	VALVE, BALL 1.00 NPT x 1.00 FNPT	1
2	32027120	VALVE, 0.25" MANUAL DRAIN	1
3	SEE TABLE	VALVE, PRESSURE SAFETY	1
4	SEE TABLE	ASSEMBLY, RECEIVER TANK	1
5	95944625	BUSHING, REDUCER 0.50 NPT x 0.25 FNPT	1

Table for Pressure Safety Valve and Receiver Tank Assembly

Description	Pressure Safety Valve	Receiver Tank Assembly
120 GALLON RECEIVER 125/145 PSI 60 Hz DRYER UNITS	39588074	54701115
120 GALLON RECEIVER 200 PSI 60 Hz DRYER UNITS	22052450	54701123
240 GALLON RECEIVER 125/145 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



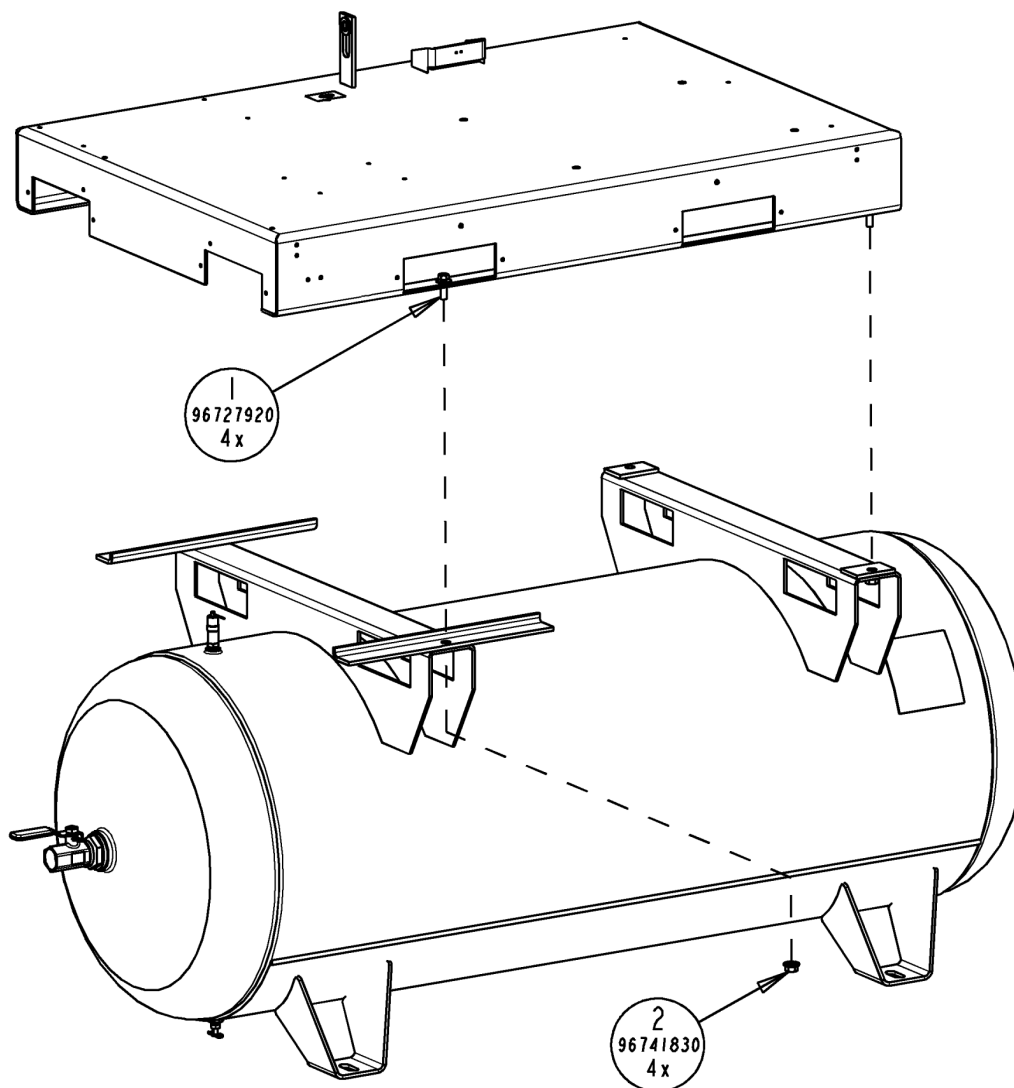
(Dwg. 22174601A3)

### 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



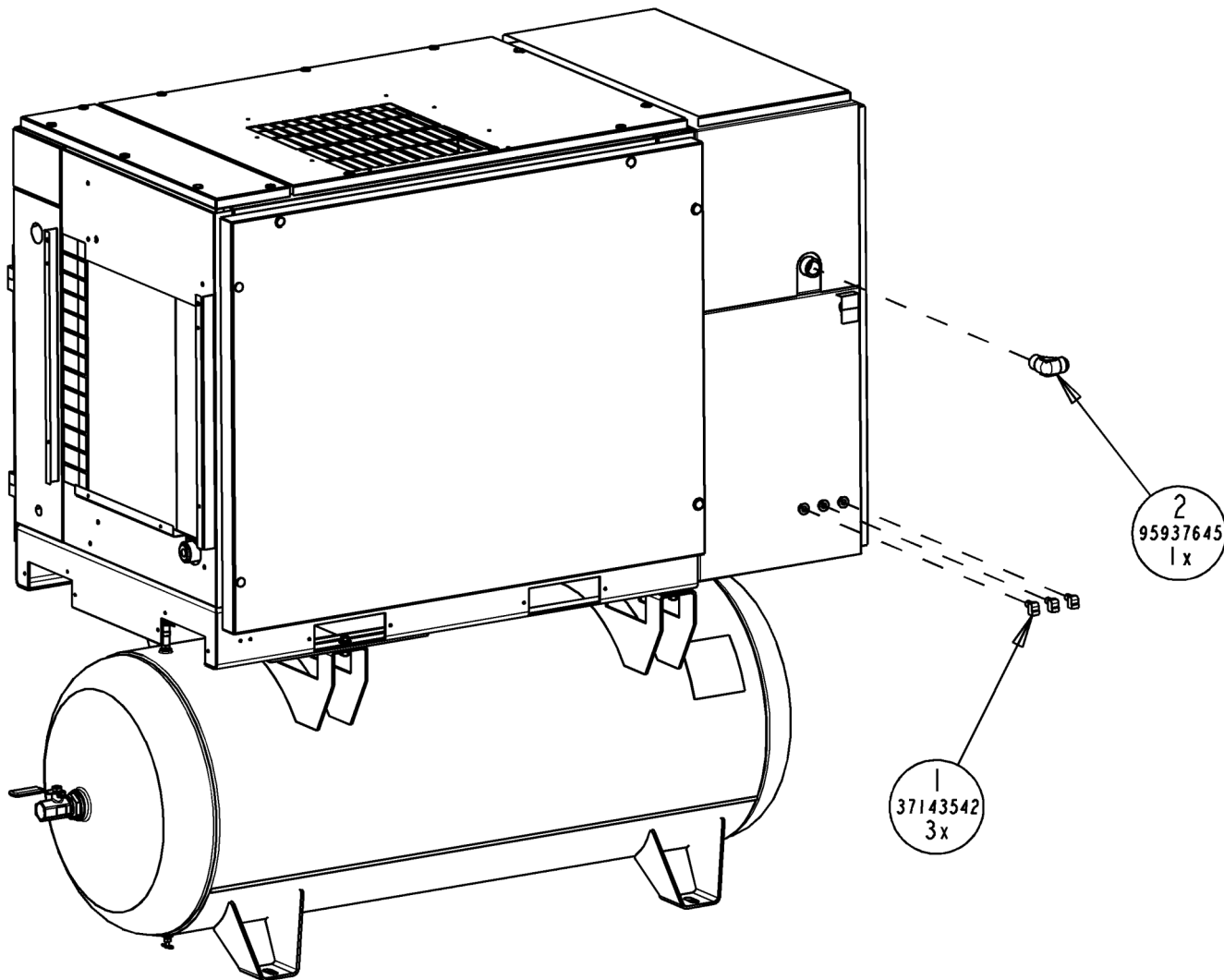
(Dwg. 22174601A4)

## PARTS LIST

Item	Part No.	Description	Qty.
1	96727920	SCREW, HEX HEAD FLANGE M11 x 30.0 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



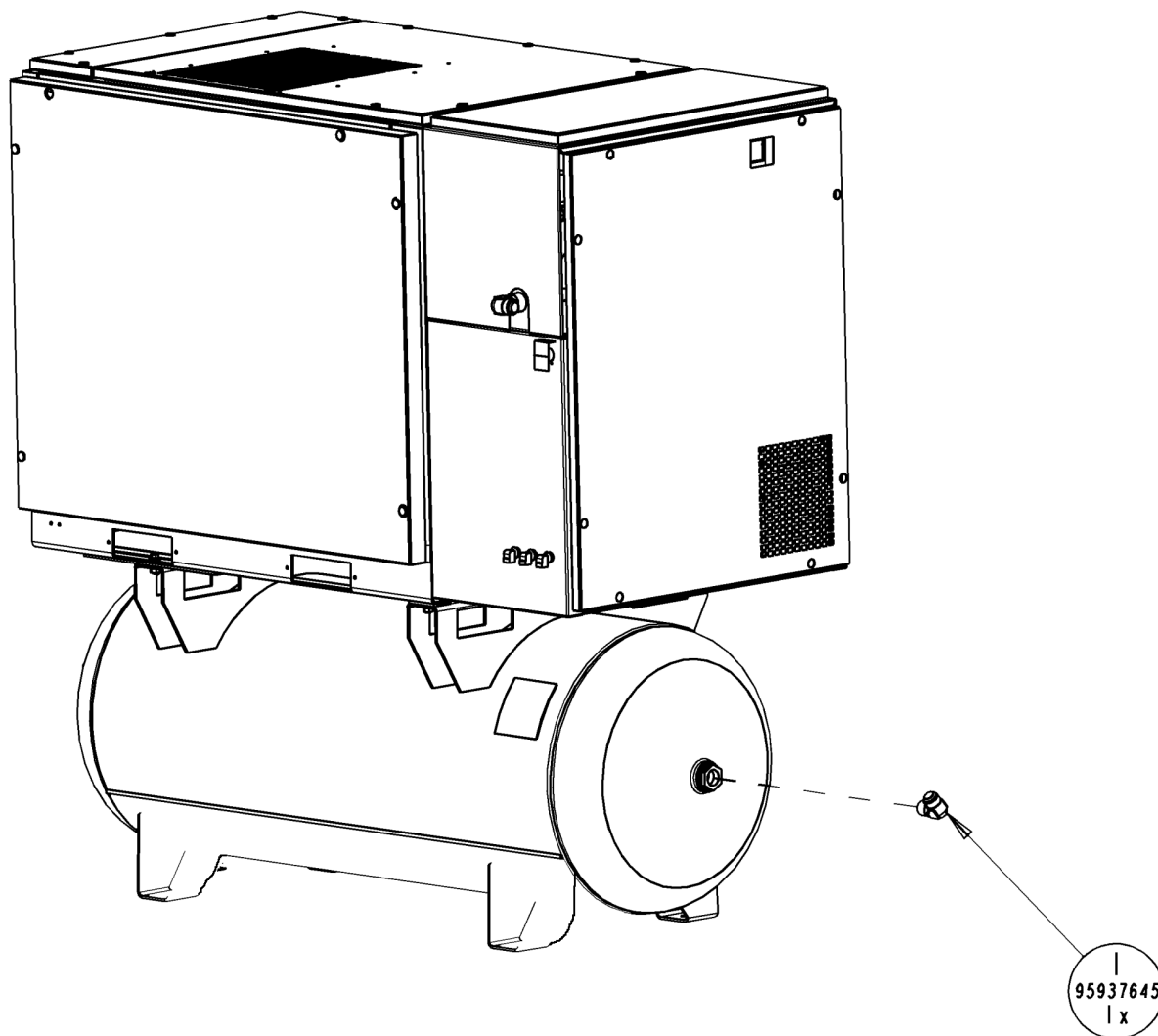
(Dwg. 22174601A5)

**PARTS LIST**

Item	Part No.	Description	Qty.
1	37143542	ELBOW, STREET 1/4 NPT	3
2	95937645	ELBOW 1.00 TUBE x 1.00 NPT	1

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

## Assemble Elbow



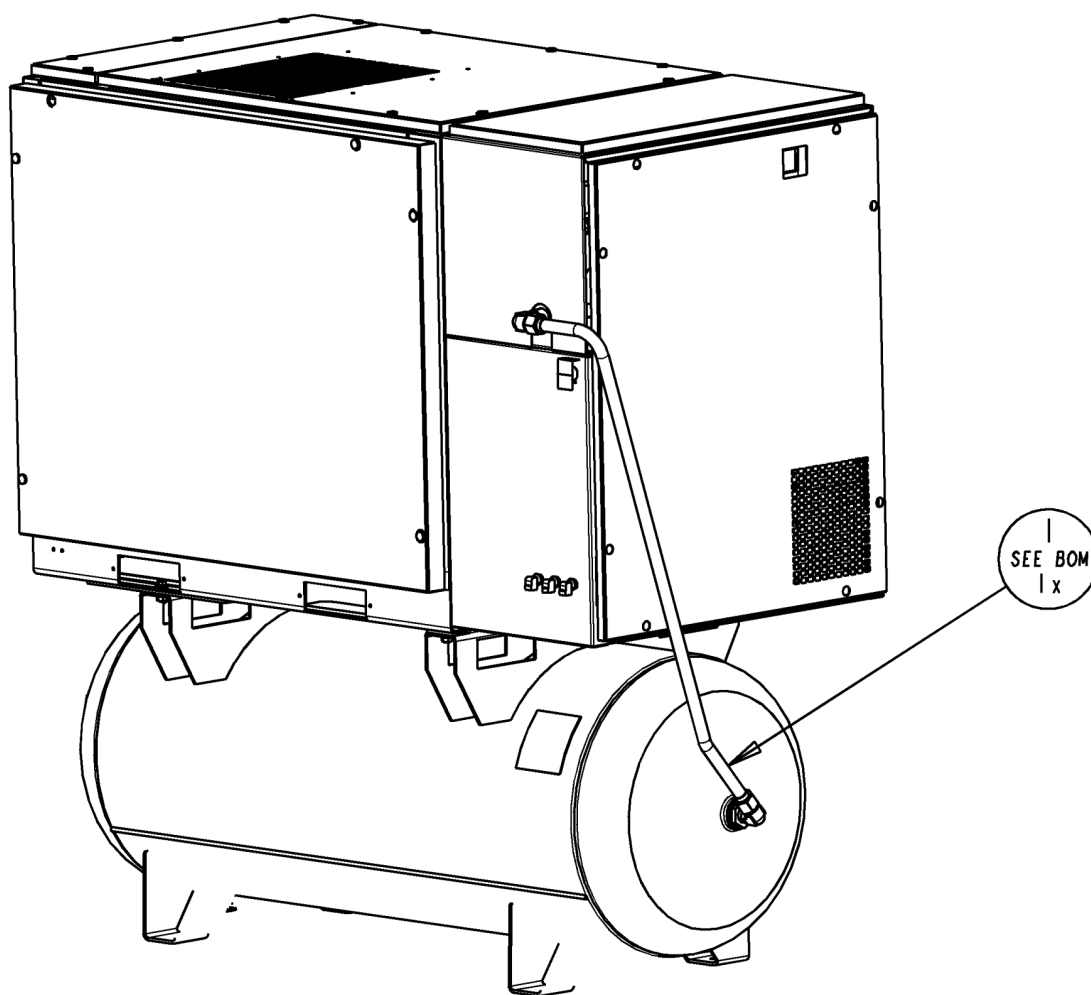
(Dwg. 22174601A6)

### PARTS LIST

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

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

## Assemble Air Discharge Tube



(Dwg. 22174601A7)

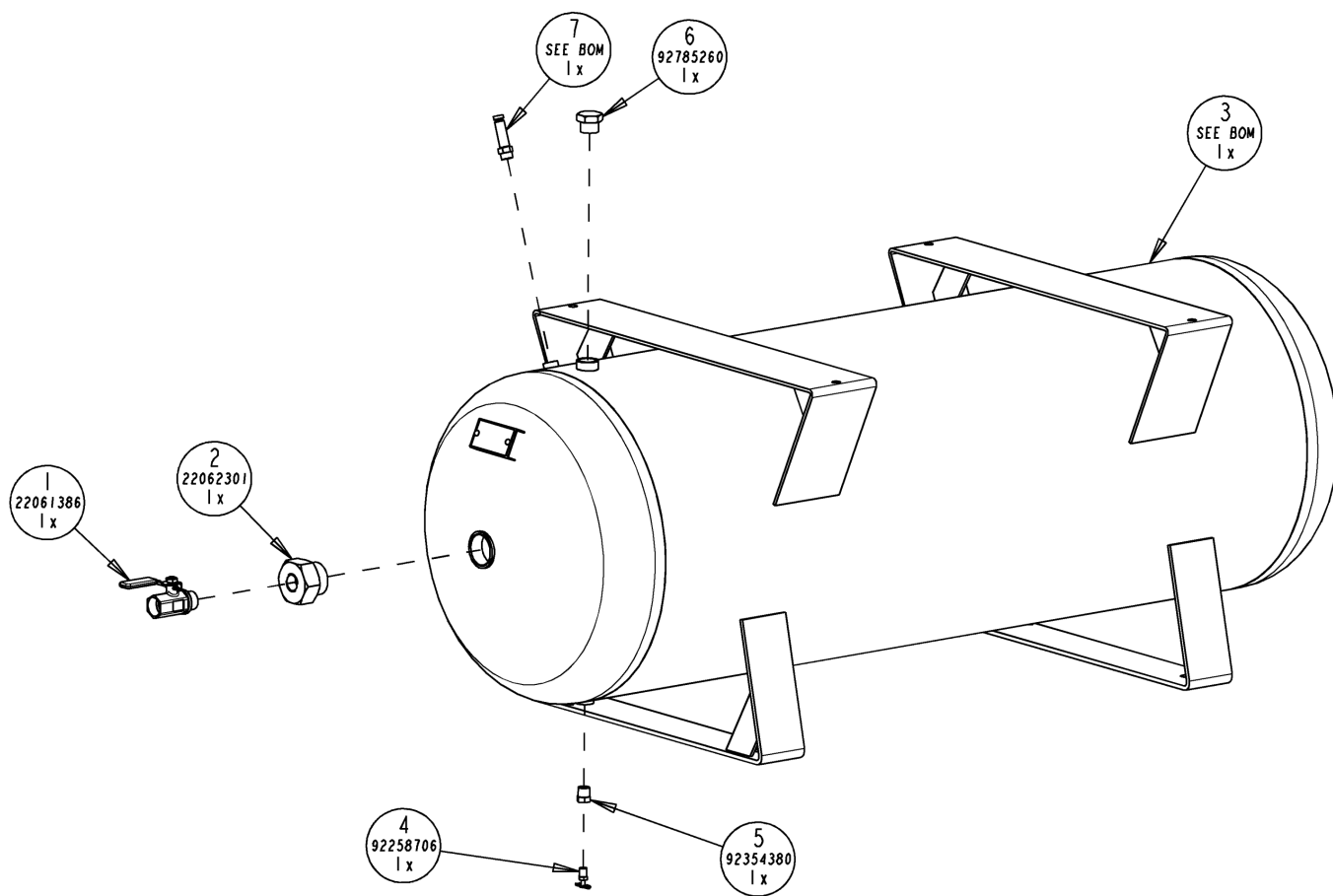
### PARTS LIST

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

Table For Tube	
Group	Tube
120 GALLON RECEIVER 125/145 PSI 60 Hz DRYER UNITS	22171540
120 GALLON RECEIVER 200 PSI 60 Hz DRYER UNITS	22171540
240 GALLON RECEIVER 125/145 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

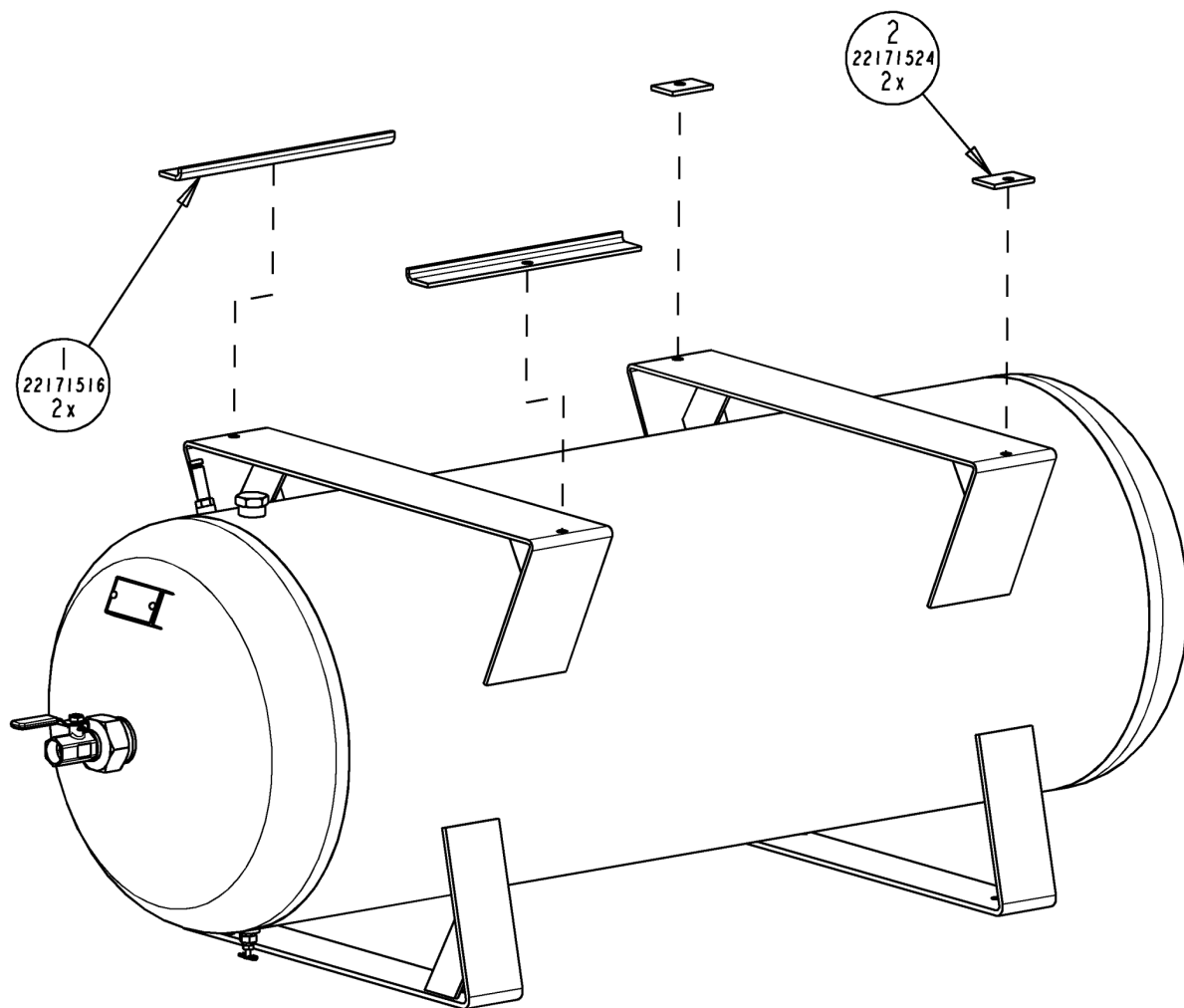
Item	Part No.	Description	Qty.
1	22061386	VALVE, BALL 1.00 BSPT MALE x 1.00 BSPT FEMALE	1
2	22062301	BUSHING REDUCING 2.00 BSPT MALE x 1.00 BSPT FEMALE	1
3	SEE TABLE	ASSEMBLY, RECEIVER TANK	1
4	92258706	VALVE, 0.25" MANUAL DRAIN MANUAL DRAIN	1
5	92354380	BUSHING REDUCING 1/2 x1/4 BSP	1
6	92785260	PLUG, 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



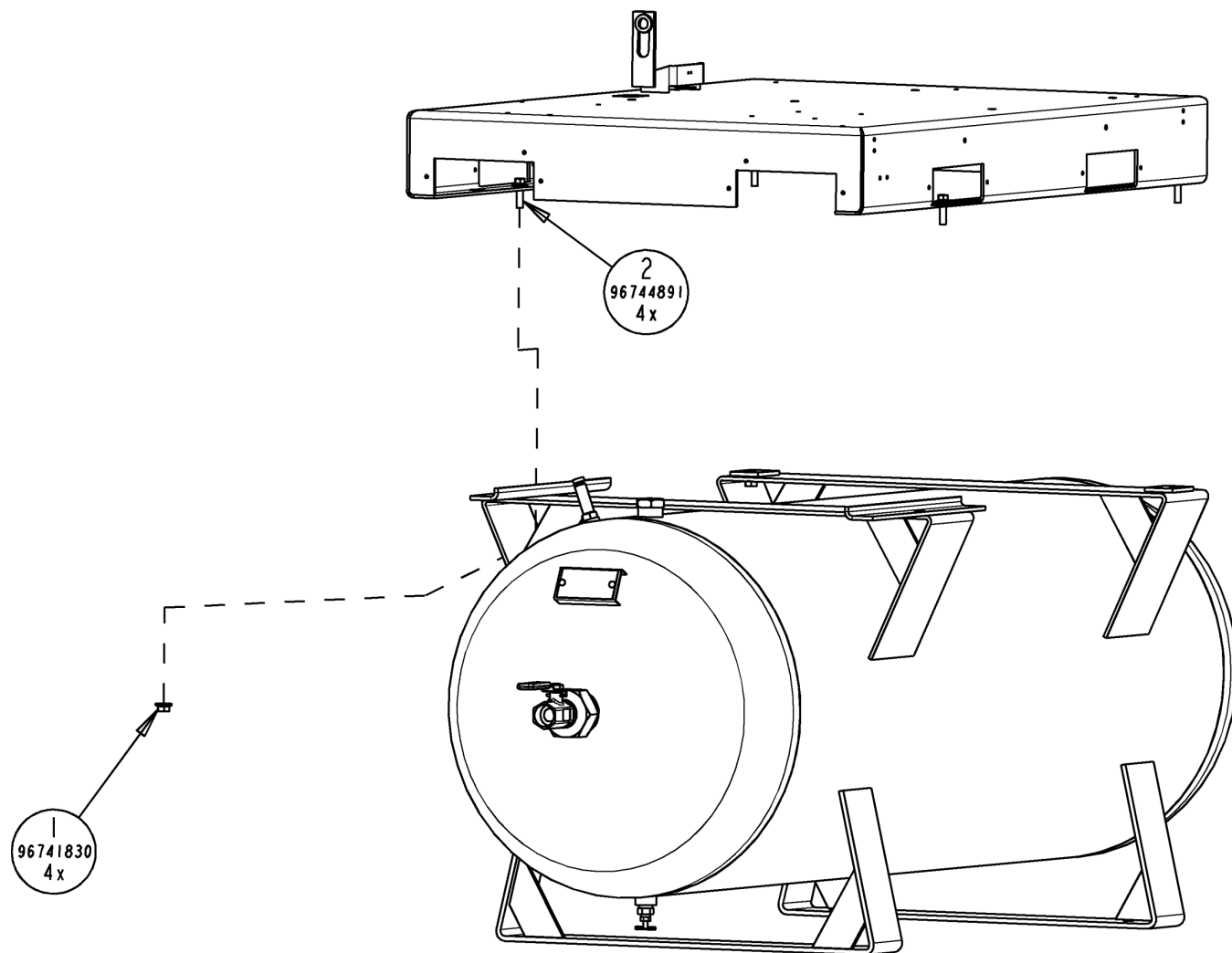
(Dwg. 22174627A3)

## 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



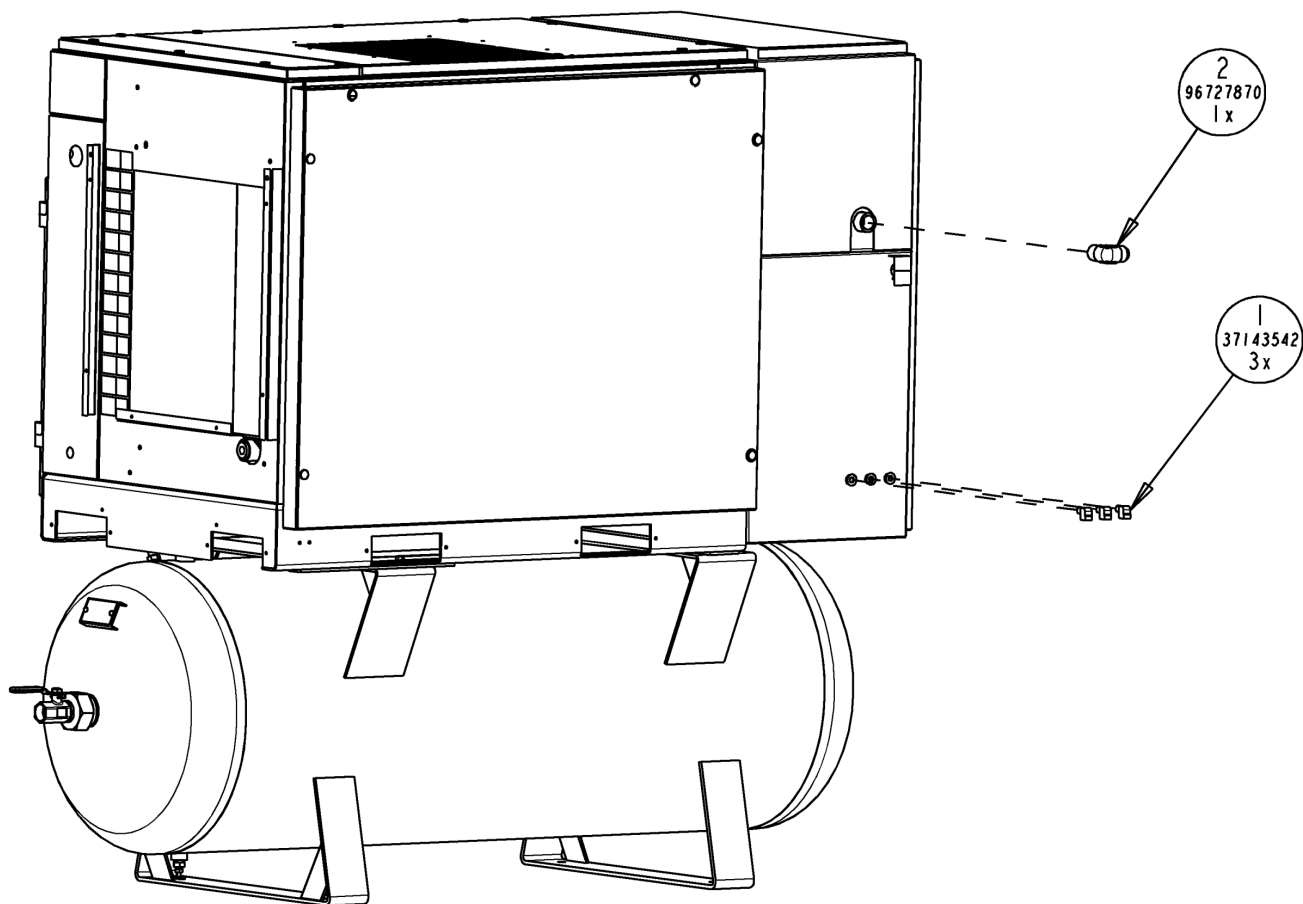
(Dwg. 22174627A4)

## PARTS LIST

Item	Part No.	Description	Qty.
1	96741830	NUT, HEX FLANGE LOCK SERRATED M12	4
2	96744891	SCREW, HEX HEAD FLANGE M12 X 35.0 LONG	4

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

Assemble Elbow To Dryer



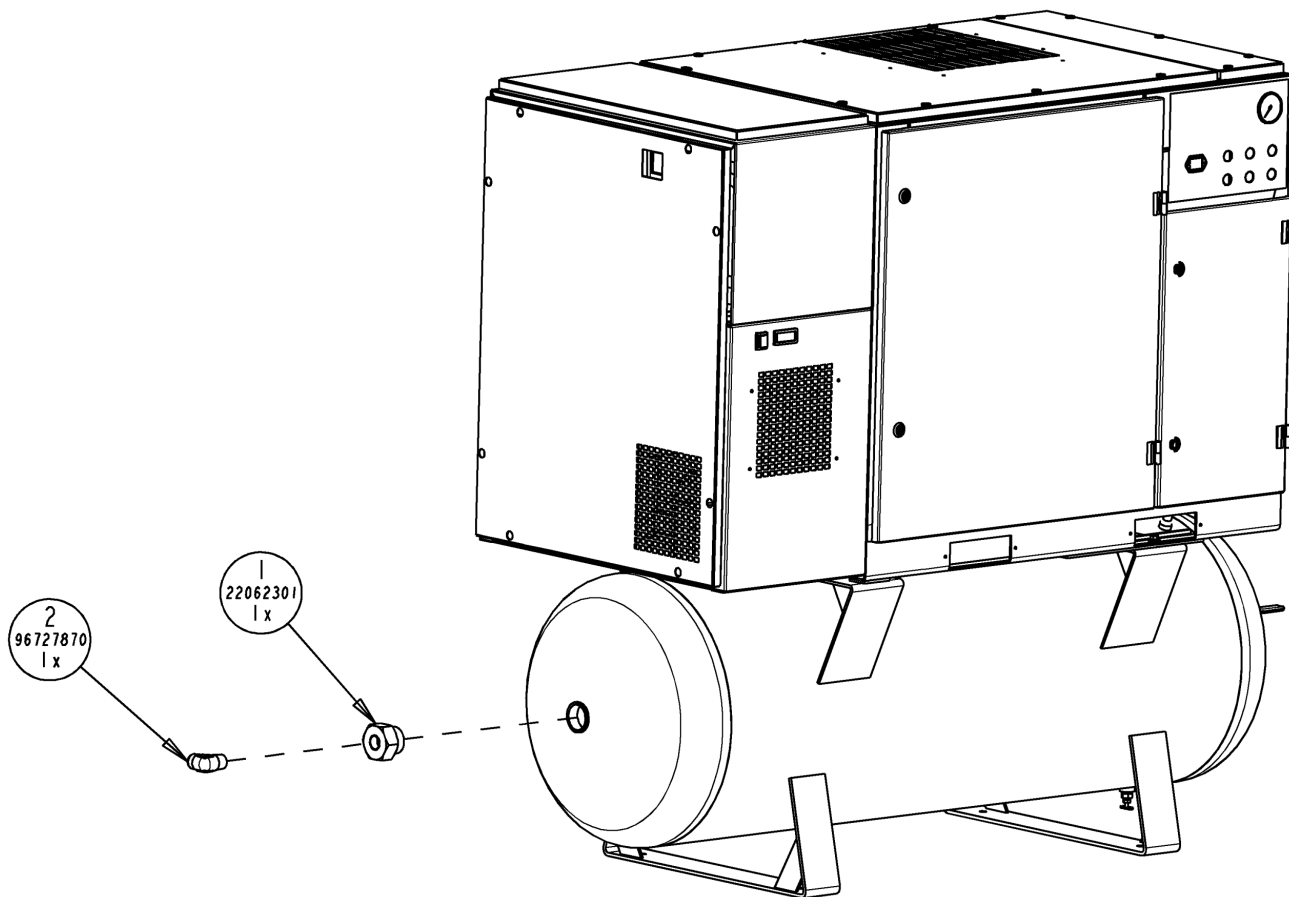
(Dwg. 22174627A5)

## PARTS LIST

Item	Part No.	Description	Qty.
1	37143542	ELBOW, STREET 1/4 NPT	3
2	96727870	ELBOW, 90 1.00 TUBE 1.00 BSPT	1

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

## Assemble Elbow



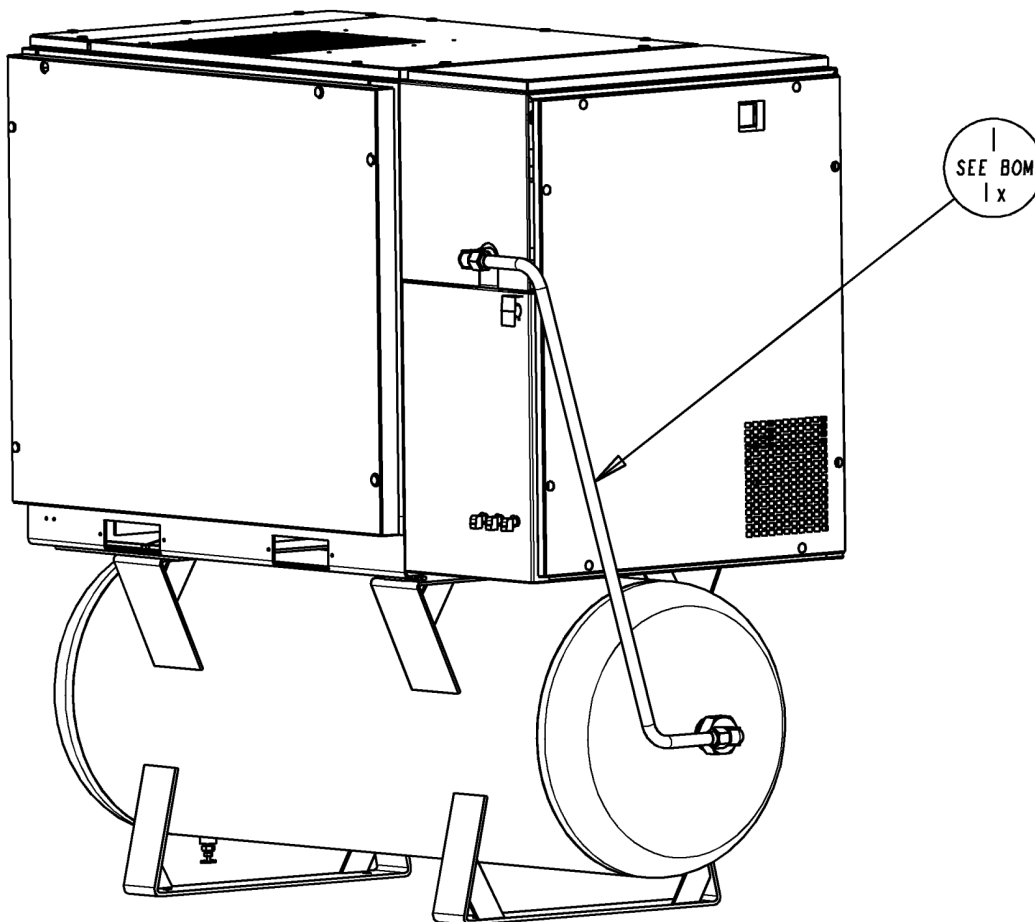
(Dwg. 22174627A6)

### 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 1.00 TUBE 1.00 BSPT	1

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

**Assemble Air Discharge Tube**



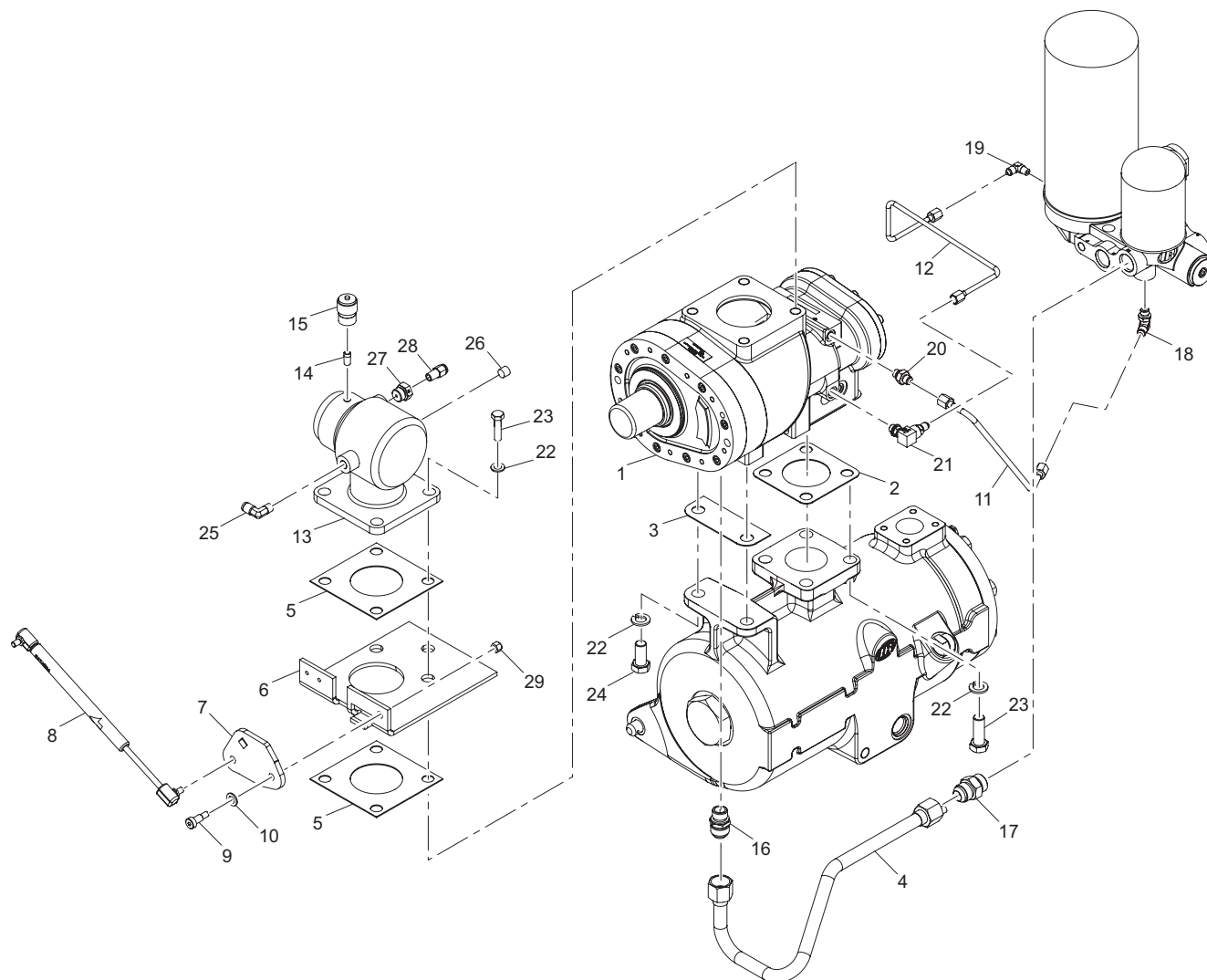
(Dwg. 22174627A7)

**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. 24692188B)

### 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

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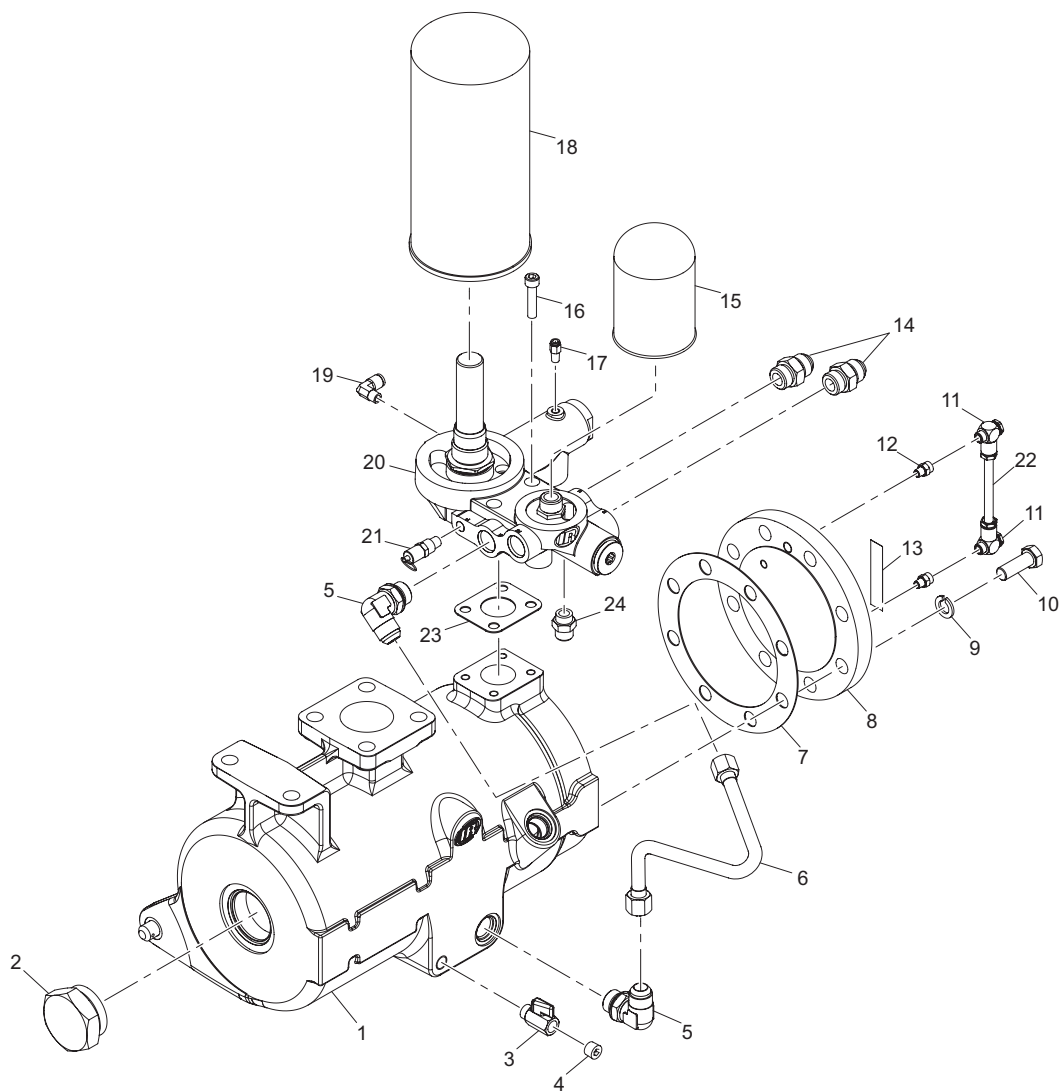
**AIREND ASSEMBLY PARTS LIST**


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**PARTS LIST**

<b>Item</b>	<b>Part No.</b>	<b>Description</b>	<b>Qty.</b>
16	96739727	CONNECTOR	1
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 DRAWING AND PARTS LIST



(Dwg. 24692188B)

### 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	47623421001	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	22051296	DECAL, COOLANT LEVEL	1
14	96960513	ADAPTER, TUBE FITTING	1
15	54672654	ELEMENT, COOLANT FILTER	1

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**SEPARATION SYSTEM PARTS LIST**


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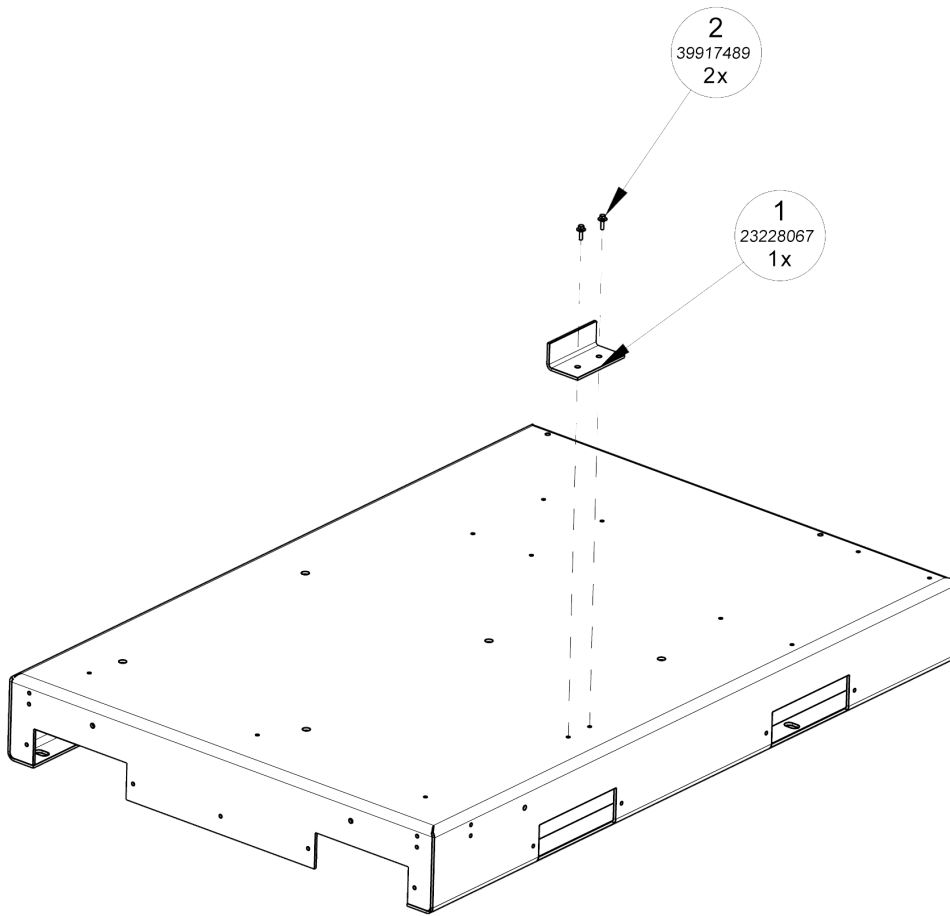
**PARTS LIST**

Item	Part No.	Description	Qty.
16	96741780	SCREW, SOCKET HEAD M10 x 45 LONG	4
17	39156393	CONNECTOR, 0.13 NPT x 0.25 INCH TUBING	1
18	54749247	ELEMENT, SEPARATOR	1
19	39155650	ELBOW, 0.25 NPT X 0.38 INCH TUBING	1
20	24864639	ASSEMBLY, CAST COMBINATION BLOCK	1
21	22052450	VALVE, SAFETY (60 Hz)	1
	22057954	VALVE, SAFETY (50 Hz)	1
22	54740444	TUBE, COOLANT SIGHT	1
23	23434921	GASKET, COMBINATION BLOCK	1
24	96952122	CONNECTOR, 1.00 INCH TUBE x 1.63 SAE	1
**	54740451	SHAFT, MOTOR PIVOT	

**	NOT ILLUSTRATED
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**DRIVE AND SEPARATION SYSTEM ASSEMBLY DRAWING AND PARTS LIST**

**Assemble Separator Pivot Stop Brace**



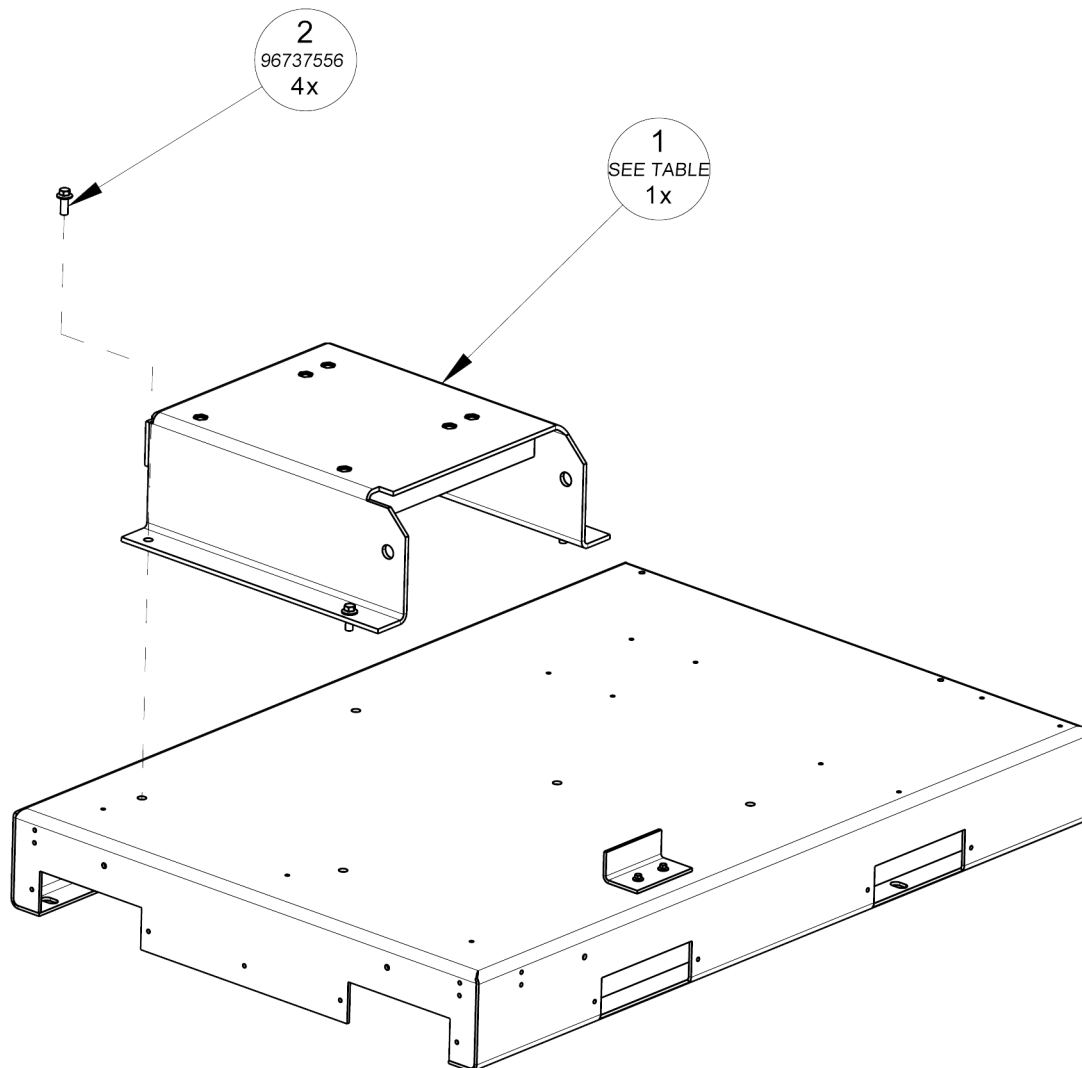
(Dwg. 22171276G2)

**PARTS LIST**

Item	Part No.	Description	Qty.
1	23228067	BRACE, MANUAL SEPARATOR STOP	1
2	39917489	SCREW, HEX HEAD FLANGE M6 x 16.0 LONG	2

**DRIVE AND SEPARATION SYSTEM ASSEMBLY DRAWING AND PARTS LIST**

**Assemble Motor Support Drawing And Parts List**



(Dwg. 22171276G3)

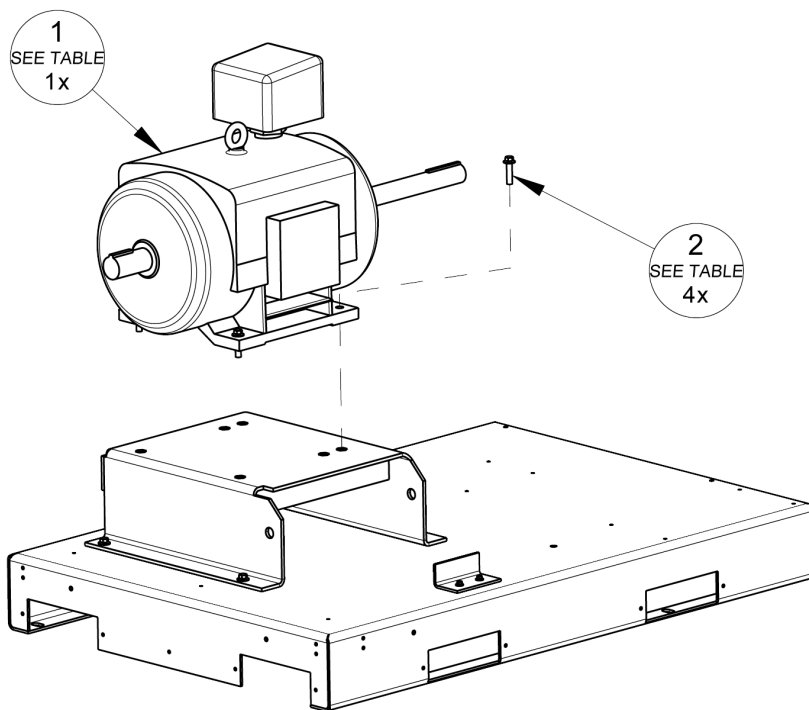
**PARTS LIST**

Item	Part No.	Description	Qty.
1	SEE TABLE	SUPPORT, MOTOR	1
2	96737556	SCREW, HEX HEAD FLANGE M10 x 25.0 LONG	4

Table For Motor Frame	
Motor Frame	Support
160	54727870
180	54727888

**DRIVE AND SEPARATION SYSTEM ASSEMBLY DRAWING AND PARTS LIST**

**Assemble Motor To Support**



(Dwg. 22171276G4)

**PARTS LIST**

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

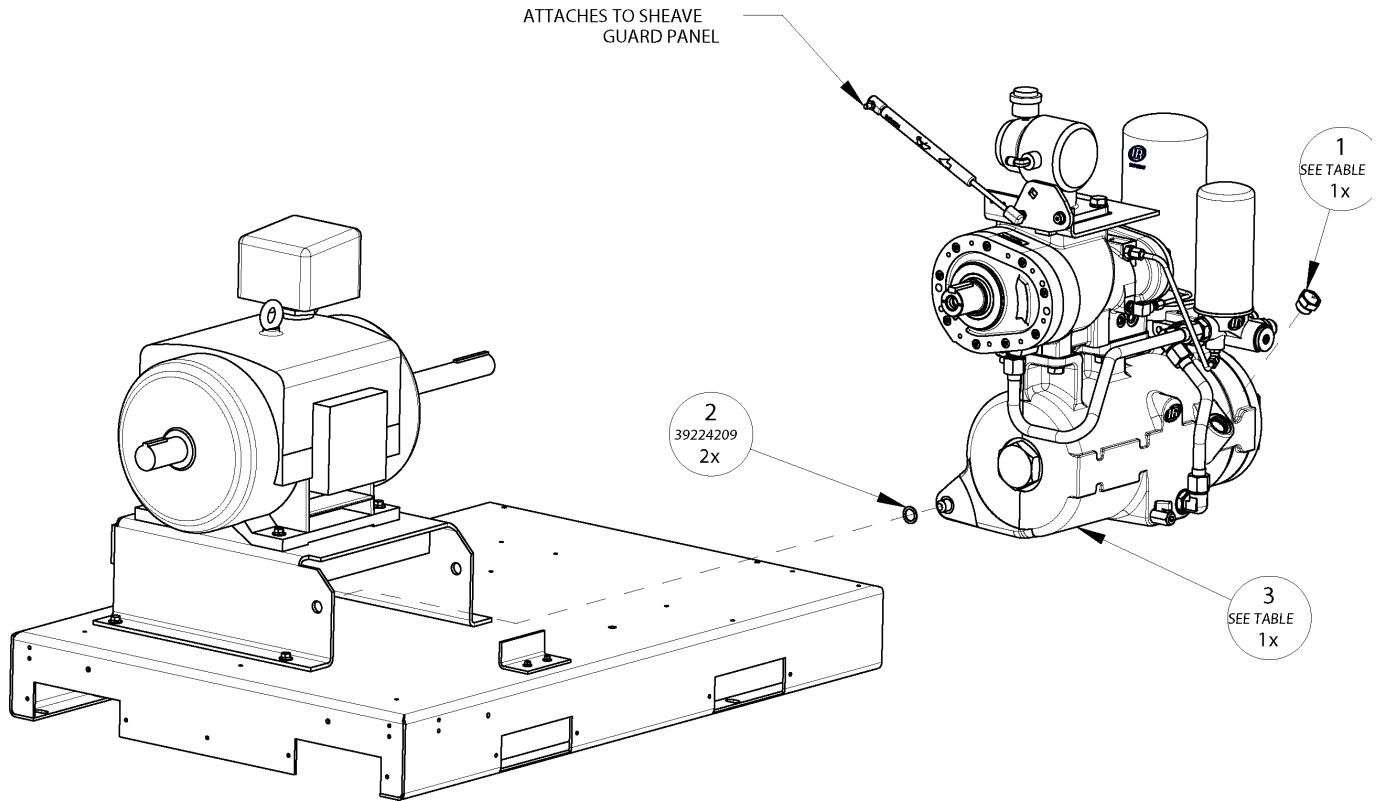
## DRIVE AND SEPARATION SYSTEM PARTS LIST

### Assemble Motor To Support

Table For Motor And Screw		
Group	Motor	Screw
15 HP 208-230/460V TEFC	47555998001	96745310
15 HP 380V TEFC	47555999001	96745310
15 HP 575V TEFC	47556000001	96745310
20 HP 208-230/460V TEFC	47556001001	96745310
20 HP 380V TEFC	47556002001	96745310
20 HP 575V TEFC	47556003001	96745310
25 HP 208-230/460V TEFC	47556004001	96741814
25 HP 380V TEFC	47556005001	96741814
25 HP 575V TEFC	47556006001	96741814
30 HP 208-230/460V TEFC	47556007001	96741814
30 HP 380V TEFC	47556008001	96741814
30 HP 575V TEFC	47556009001	96741814
11 KW 220V IP55	47520565001	96727920
11 KW 400V IP55	47520540001	96745310
15 KW 220V IP55	47520564001	96727920
15 KW 400V IP55	47520539001	96727920
18.5 KW 220V IP55	47520563001	96727920
18.5 KW 400V IP55	47520519001	96727920
22 KW 220V IP55	47520562001	96727920
22 KW 400V IP55	47520566001	96745310

# DRIVE AND SEPARATION SYSTEM ASSEMBLY DRAWING AND PARTS LIST

## Assemble Separator Assembly



(Dwg. 22171276G5)

### PARTS LIST

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

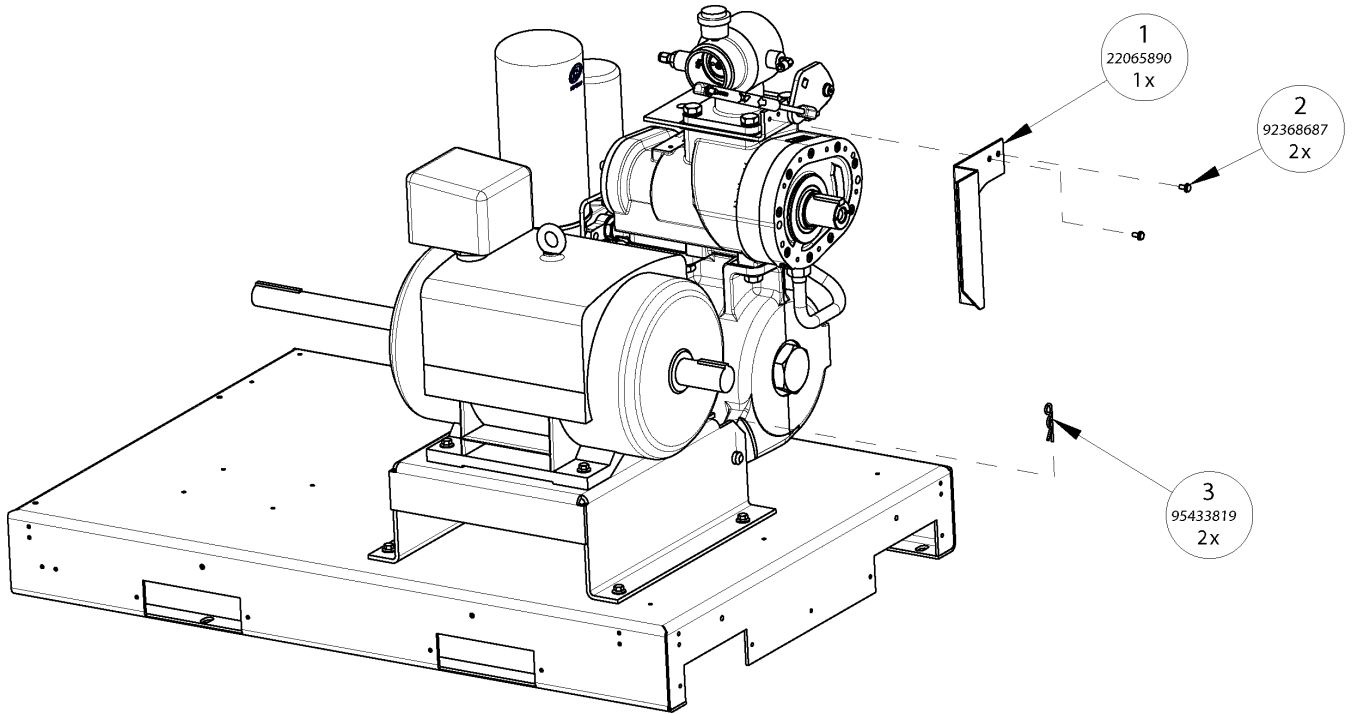
**Table For Tank Assy. and Oil Plug**

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

Description	Oil Fill Plug
ULTRA	23176068
ULTRA EL	24134769
ULTRA FG	24134777

# DRIVE AND SEPARATION SYSTEM ASSEMBLY DRAWING AND PARTS LIST

## Assemble Finger Guard And Cotton Pins



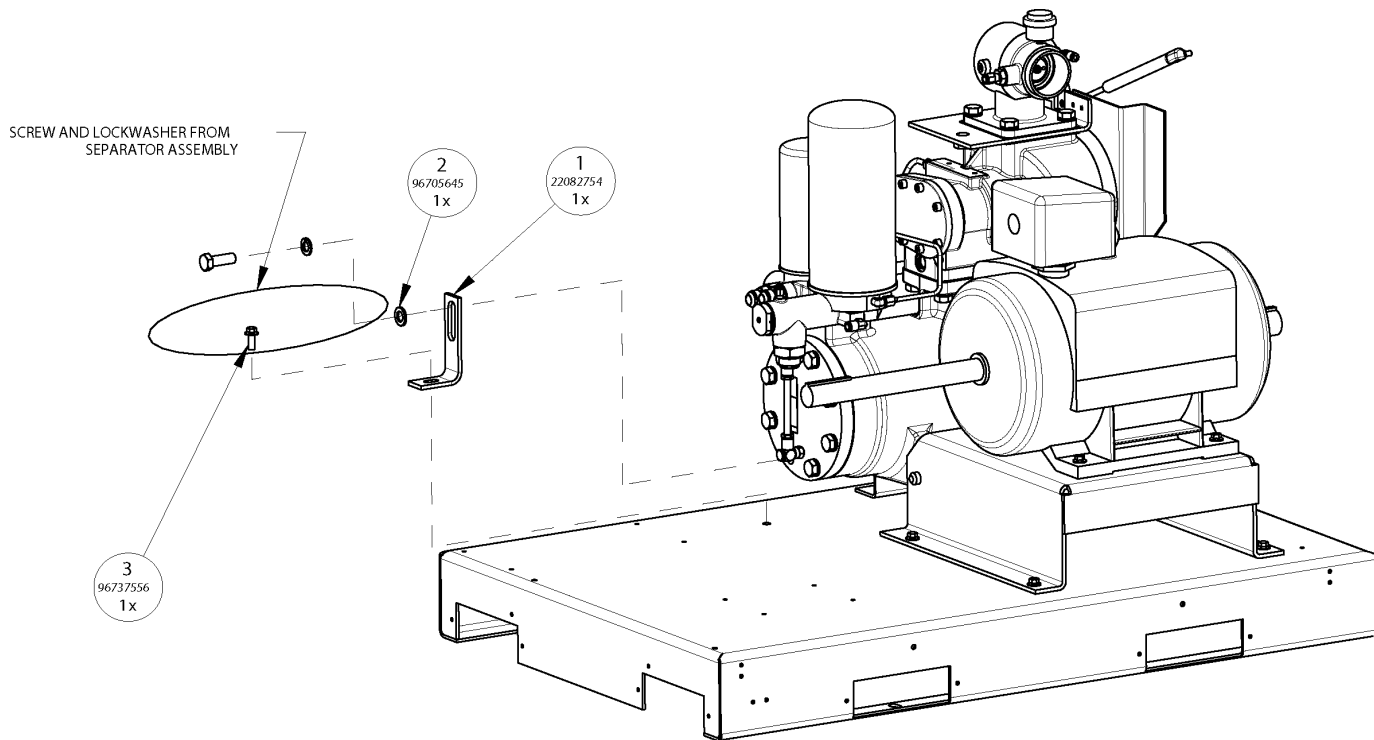
(Dwg. 22171276G6)

### PARTS LIST

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

**DRIVE AND SEPARATION SYSTEM ASSEMBLY DRAWING AND PARTS LIST**

**Assemble Shipping Brace**



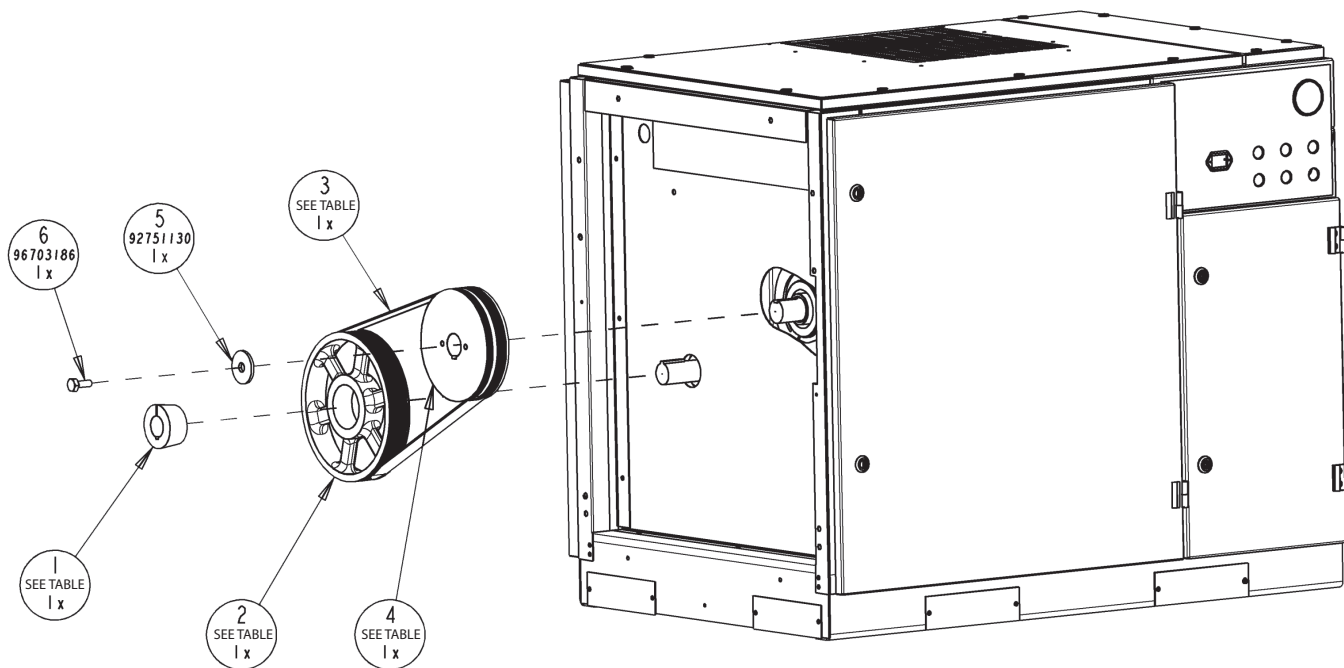
(Dwg. 22171276G7)

**PARTS LIST**

Item	Part No.	Description	Qty.
1	22082754	BRACKET, SHIPPING	1
2	96705645	WASHER, PRODUCT GRADE A M16	1
3	96737556	SCREW , HEX HEAD FLANGE M10 X 25.0 LONG	1

# SHEAVE AND BELT ASSEMBLY DRAWING

## Sheaves And Belt To Motor And Airend



(Dwg. 22171284B2)

## SHEAVE AND BELT ASSEMBLY PARTS LIST

### Sheaves And Belt To Motor And Airend

#### PARTS LIST

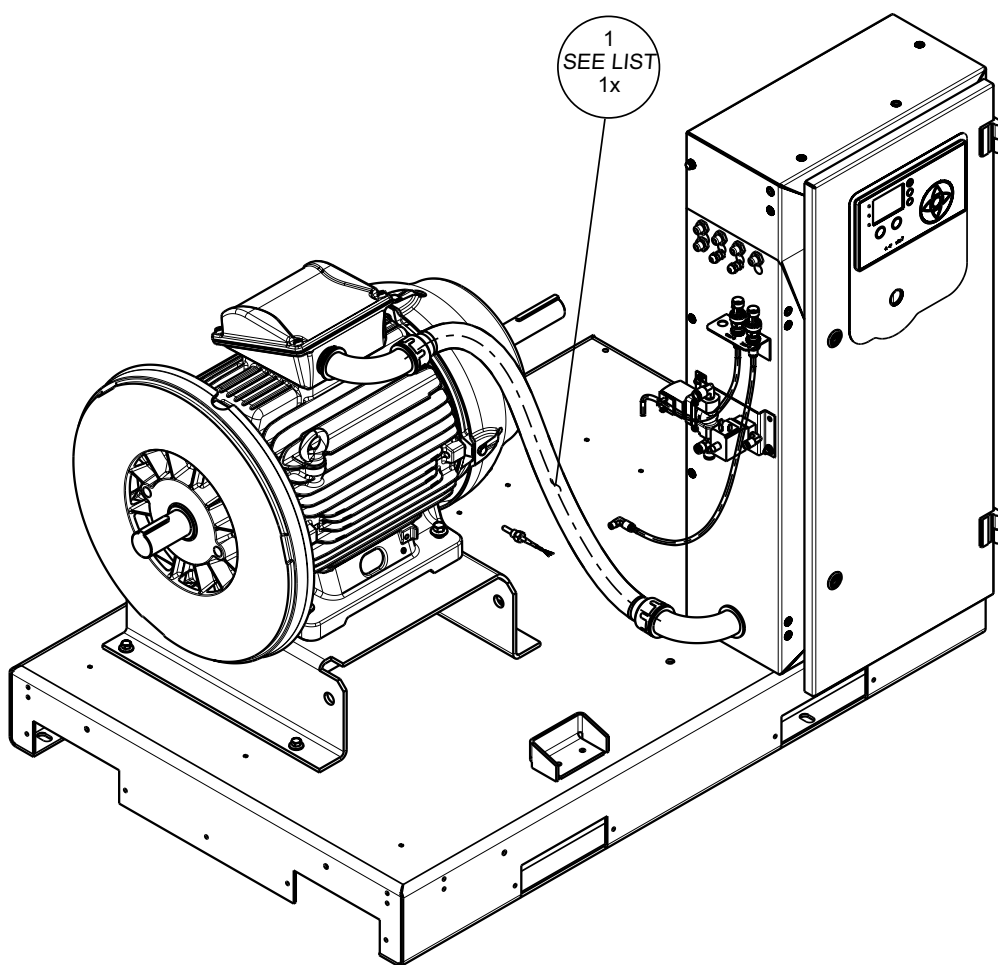
Item	Part No.	Description	Qty.
1	SEE TABLE	BUSHING, TAPERLOCK	1
2	SEE TABLE	SHEAVE, DRIVE MOTOR	1
3	SEE TABLE	BELT, POLY-V DRIVE	1
4	SEE TABLE	SHEAVE, AIREND	1
5	92751130	PLATE, RETAINING	1
6	96703186	SCREW, HEX HEAD M16 X 35.0 LONG	1

**Table For Bushing, Sheave And Belt**

Group	Bushing, Taperlock	Sheave, Drive Motor	Belt, Poly-v Drive	Sheave, Airend
15HP 125 PSI 60 Hz	22083448	22108351	22108393	22178057
15HP 150 PSI 60 Hz	22083448	22108351	22108427	22178065
20HP 125 PSI 60 Hz	22083448	22108351	89265060	22107536
20HP 145 PSI 60 Hz	22083448	22108351	89265078	22178040
20HP 200 PSI 60 Hz	22083448	22108351	22108393	22178057
25HP 125 PSI 60 Hz	22083448	22108351	89265052	22107585
25HP 145 PSI 60 Hz	22083448	22108351	89265060	22107593
25HP 200 PSI 60 Hz	22083448	22108351	89265078	22107601
30HP 125 PSI 60 Hz	22083448	22108369	89265060	22107619
30HP 145 PSI 60 Hz	22083448	22108369	89265060	22107627
30HP 200 PSI 60 Hz	22083448	22108351	89265060	22107635
11kW 7.5 BAR 50 Hz	22077275	22108369	22108393	22107643
11kW 8.5 BAR 50 Hz	22077275	22108369	22108393	22107577
11kW 10 BAR 50 Hz	22077275	22108377	22108401	22107650
15kW 7.5 BAR 50 Hz	22077275	22108369	89265060	22107676
15kW 8.5 BAR 50 Hz	22077275	22108369	89265060	22108302
15kW 10 BAR 50 Hz	22077275	22108369	89265078	22107684
15kW 14 BAR 50 Hz	22077275	22108377	22108427	22107692
18.5kW 7.5 BAR 50 Hz	22077267	22108377	89265060	22107700
18.5kW 8.5 BAR 50 Hz	22077267	22108377	89265060	22108310
18.5kW 10 BAR 50 Hz	22077267	22108369	89265052	22107718
18.5kW 14 BAR 50 Hz	22077267	22108377	22108393	22107726
22kW 7.5 BAR 50 Hz	22077267	22108377	89265052	22107734
22kW 8.5 BAR 50 Hz	22077267	22108377	89265052	22108328
22kW 10 BAR 50 Hz	22077267	22108377	89265060	22107742
22kW 14 BAR 50 Hz	22077267	22108369	89265060	22107759

## MOTOR CONDUIT ASSEMBLY DRAWING AND PARTS LIST

Motor Conduit(60 Hz S/D TEFC)



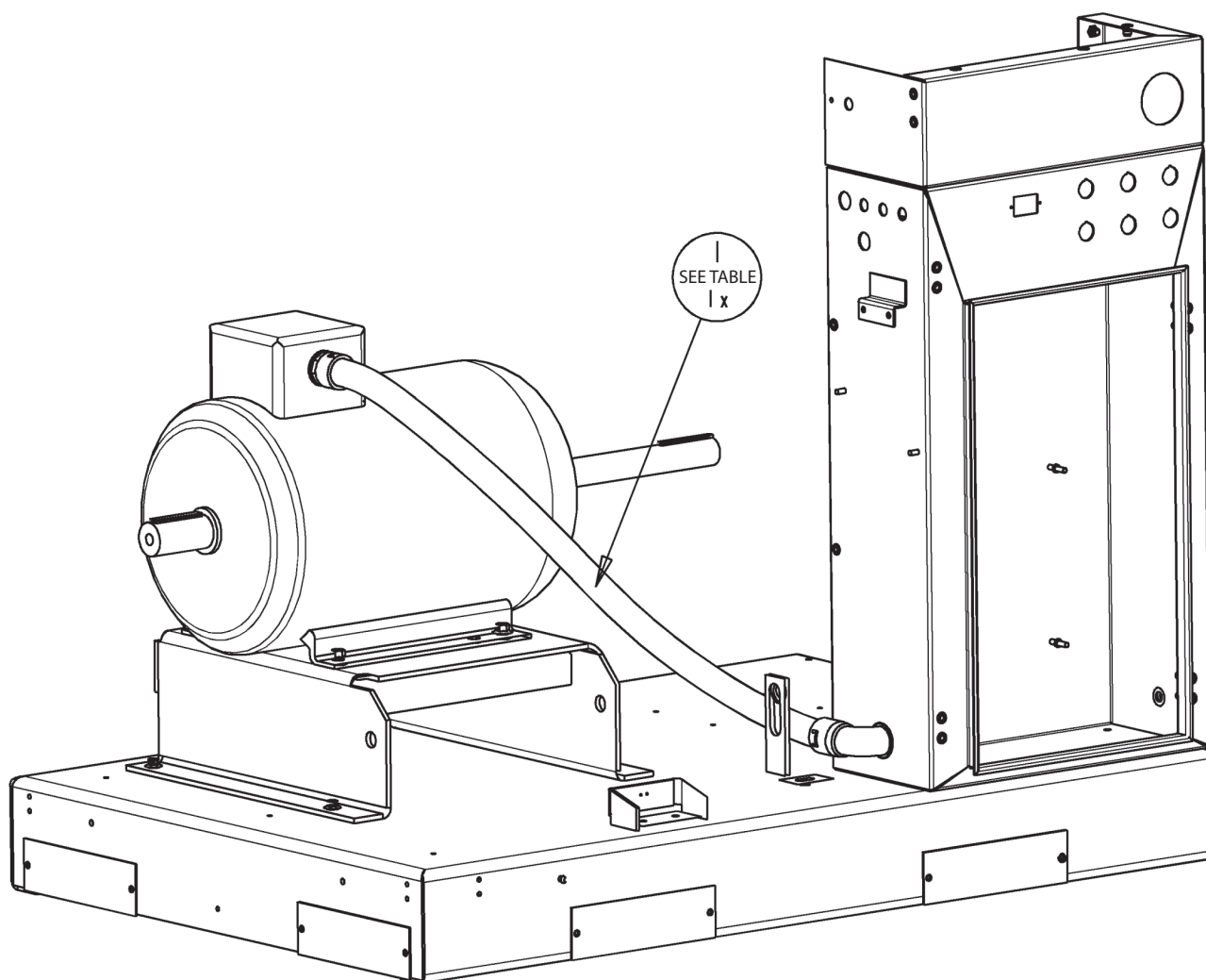
(Dwg. 22174023D2)

**PARTS LIST**

Item	Part No.	Description	Qty.
1	47596982001	ASSEMBLY, CONDUIT MOTOR W/ 6 #6 AND 1 #8 WIRES(15-20HP 208, 230, 460, 380, 575V 25-30HP 380/575V)	1
	47556132001	ASSEMBLY, CONDUIT MOTOR W/ 6 #4 AND 1 #8 WIRES(25-30HP 208, 230, 460V)	1

# MOTOR CONDUIT ASSEMBLY DRAWING AND PARTS LIST

## Assemble Motor Conduit



(Dwg. 22174023A2)

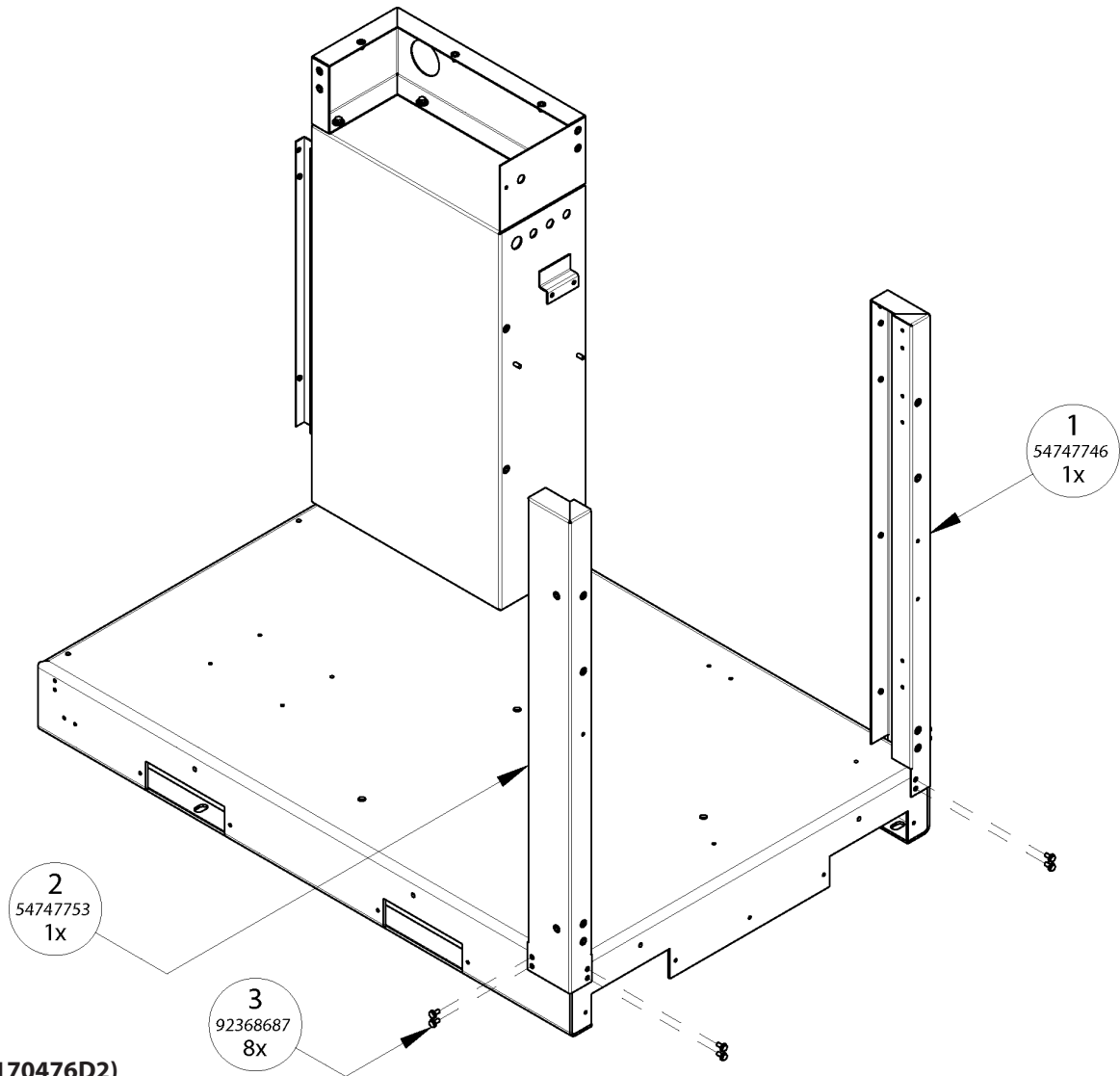
### PARTS LIST

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

Table For Motor Conduit	
Description	Motor Conduit
50 HERTZ MOTOR CONDUIT (22KW - 220V UNITS)	22207278
50 HERTZ MOTOR CONDUIT (15-18.5 KW / 220 VOLT UNITS )	22113153
50 HERTZ MOTOR CONDUIT (400 VOLT UNITS)	22090963

# COMMON SHEET METAL ASSEMBLY DRAWING AND PARTS LIST

## Assemble Left End Corners



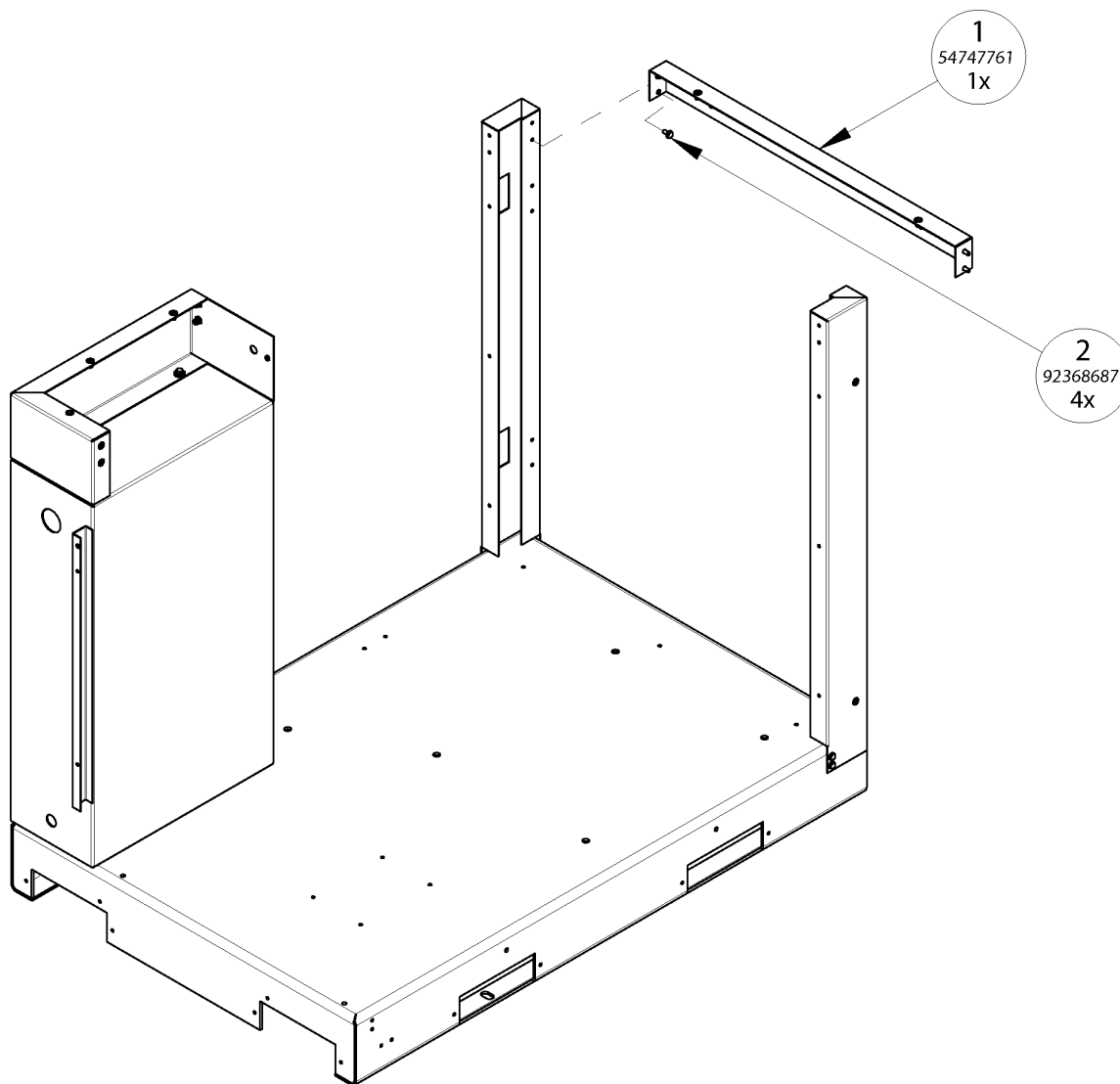
(Dwg. 22170476D2)

### PARTS LIST

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

**COMMON SHEET METAL ASSEMBLY DRAWING AND PARTS LIST**

**Assemble Left End Channel**



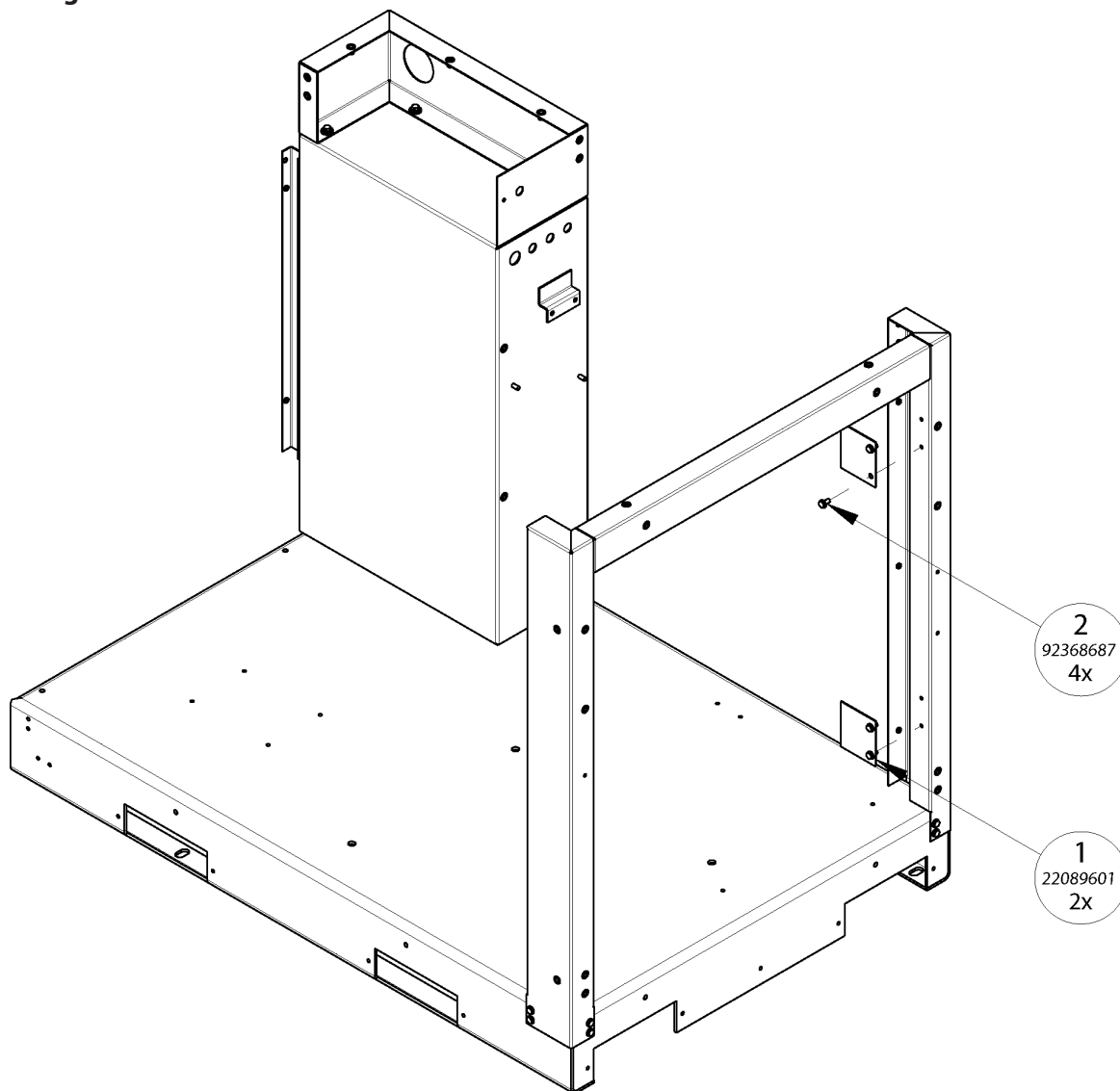
(Dwg. 22170476D3)

**PARTS LIST**

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

**COMMON SHEET METAL ASSEMBLY DRAWING AND PARTS LIST**

**Assemble Finger Guards**



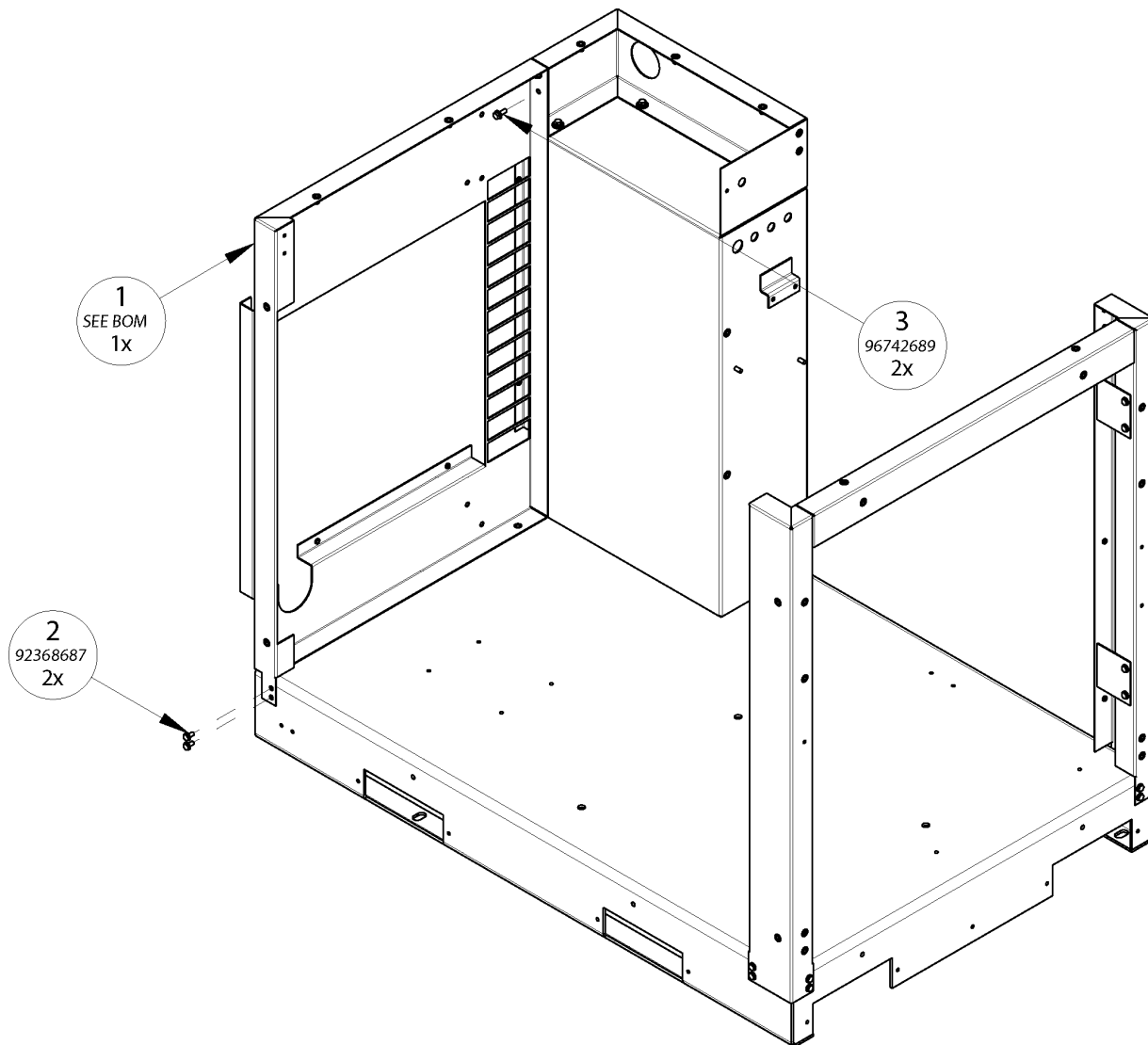
(Dwg. 22170476D4)

**PARTS LIST**

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

**COMMON SHEET METAL ASSEMBLY DRAWING AND PARTS LIST**

**Assemble Cooler Corner**



(Dwg. 22170476D5)

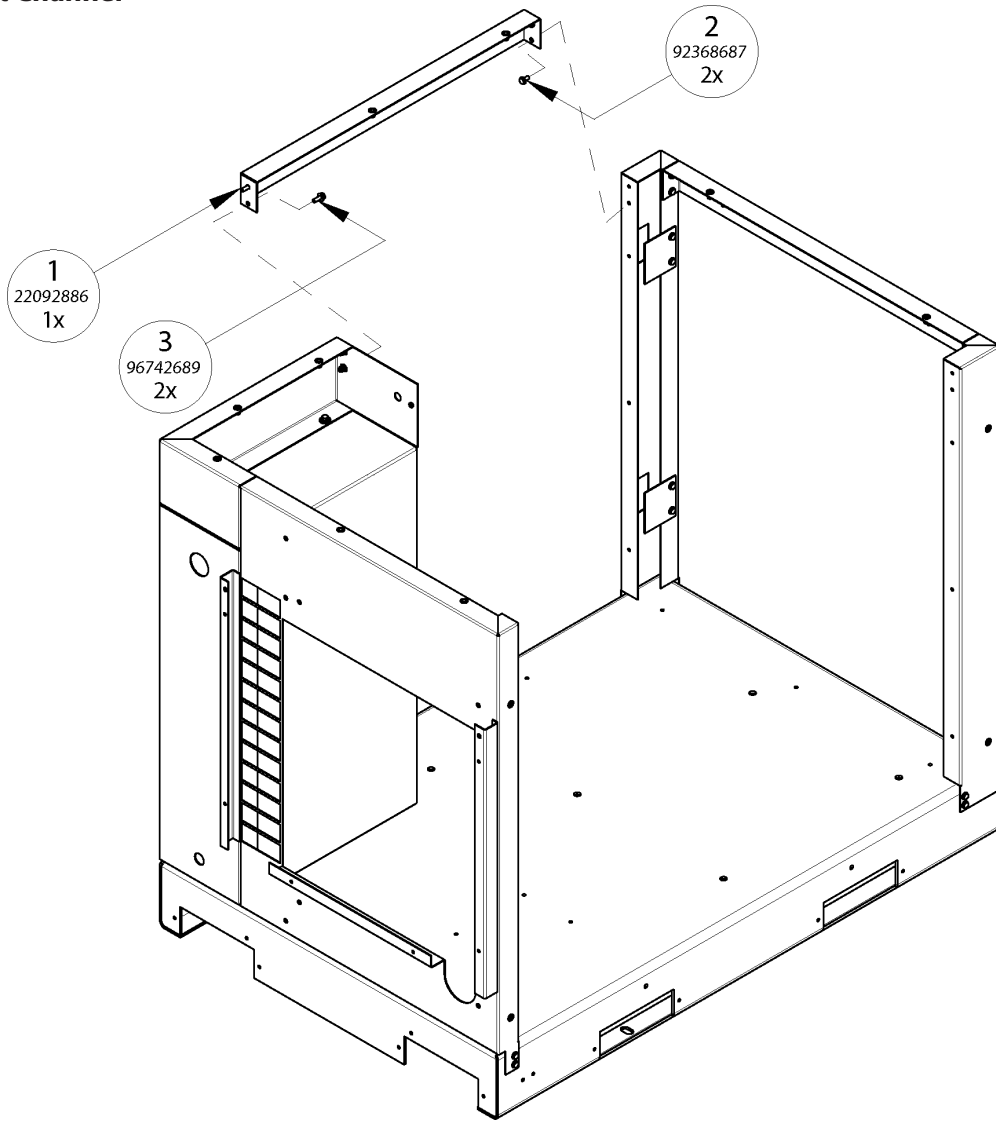
**PARTS LIST**

Item	Part No.	Description	Qty.
1	SEE TABLE	CORNER, COOLER SIDE 18.5-22 kW	1
2	92368687	TAPTITE SCREW M6 x 1 x12 LG	2
3	96742689	BOLT, HEX FLANGE M6-1.00 x 16.0 LONG	2

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

**COMMON SHEET METAL ASSEMBLY DRAWING AND PARTS LIST**

**Assemble Front Channel**



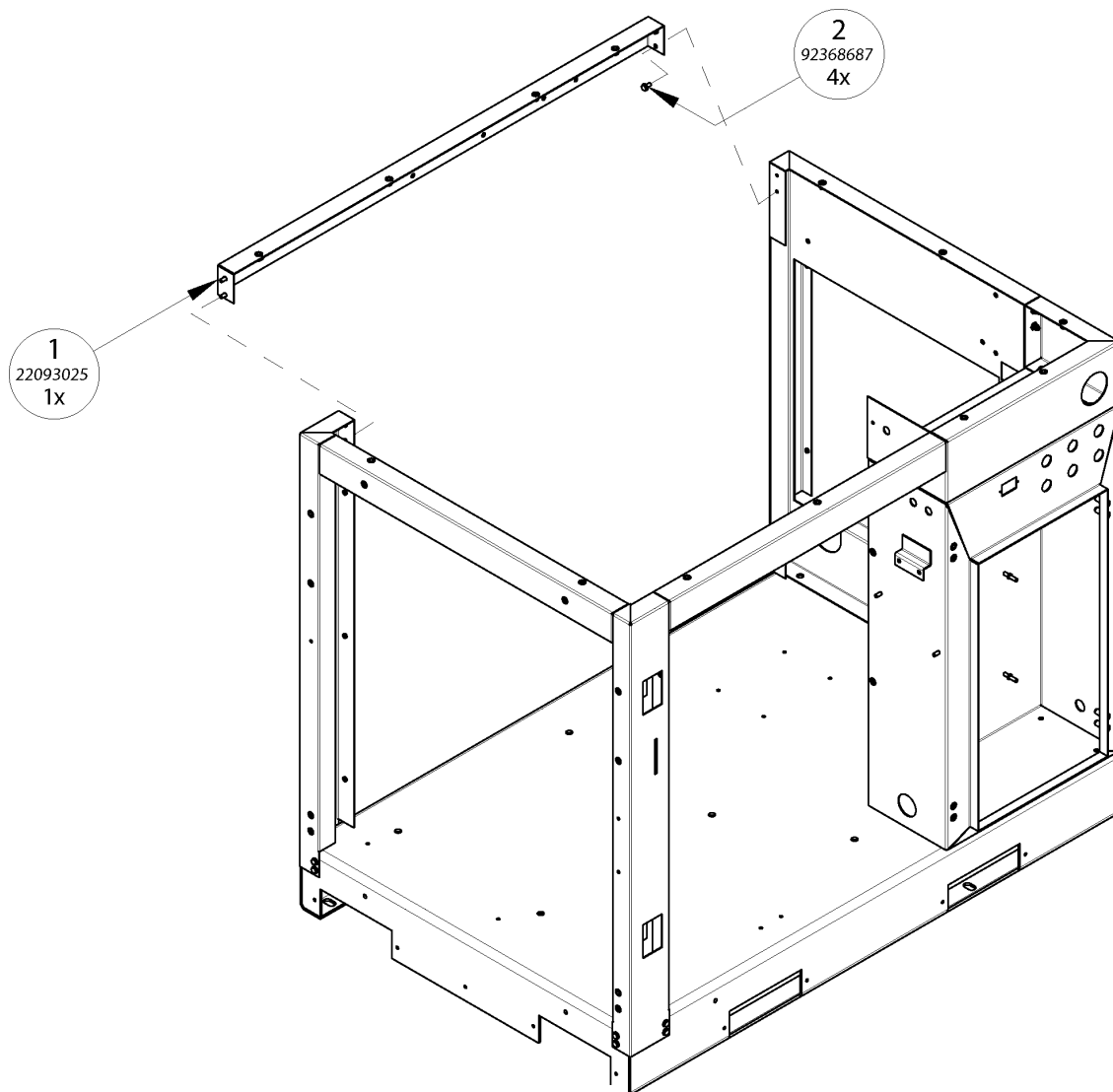
(Dwg. 22170476D6)

**PARTS LIST**

Item	Part No.	Description	Qty.
1	22092886	CHANNEL, LONG SIDE	1
2	92368687	TAPTITE SCREW M6 x 1 x 12 LG	2
3	92742689	BOLT, HEX FLANGE M6-1.00 x 16.0 LONG	2

**COMMON SHEET METAL ASSEMBLY DRAWING AND PARTS LIST**

**Assemble Rear Channel**



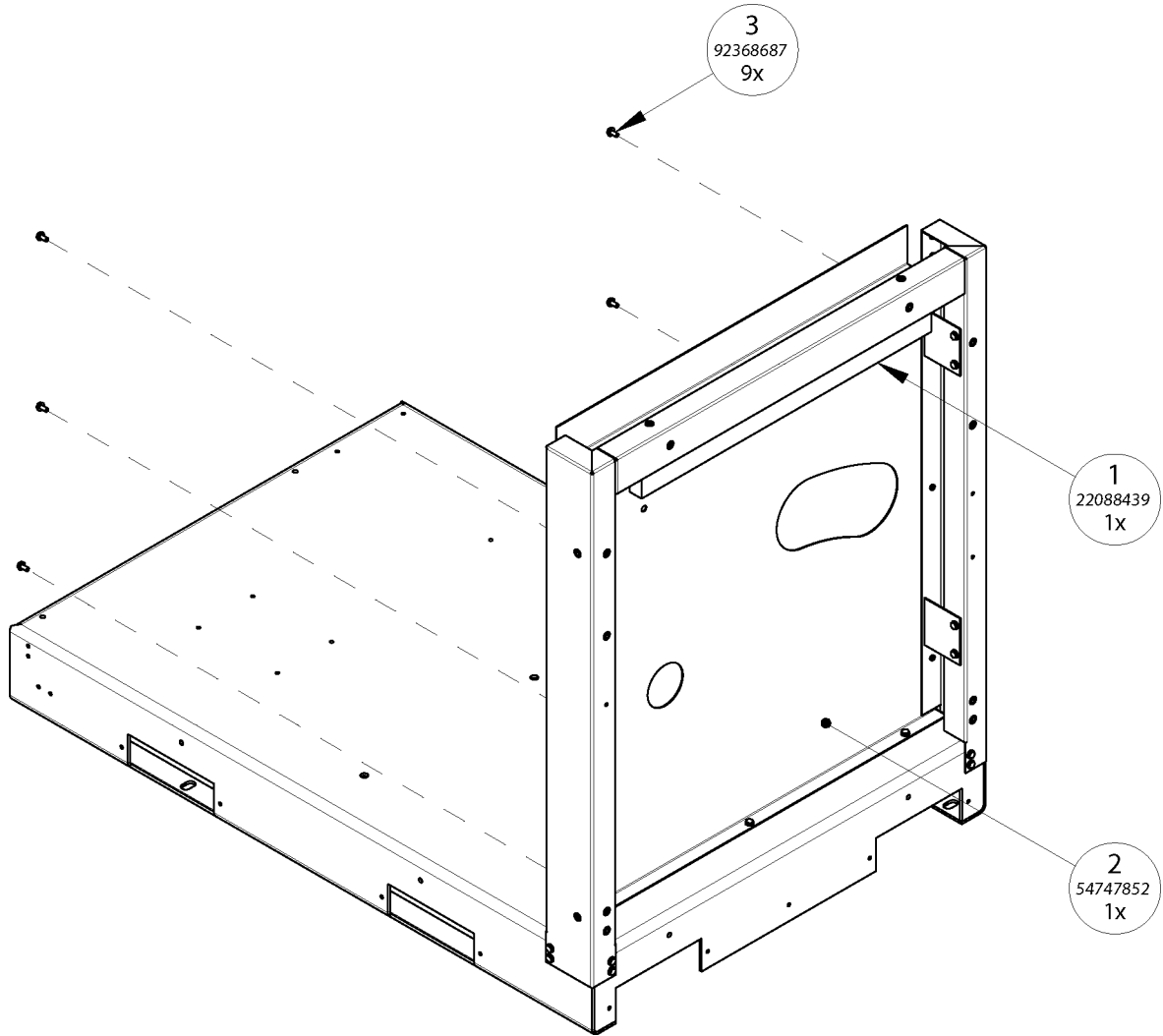
(Dwg. 22170476D7)

**PARTS LIST**

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

**COMMON SHEET METAL ASSEMBLY DRAWING AND PARTS LIST**

**Assemble Sheave Guard Panel**



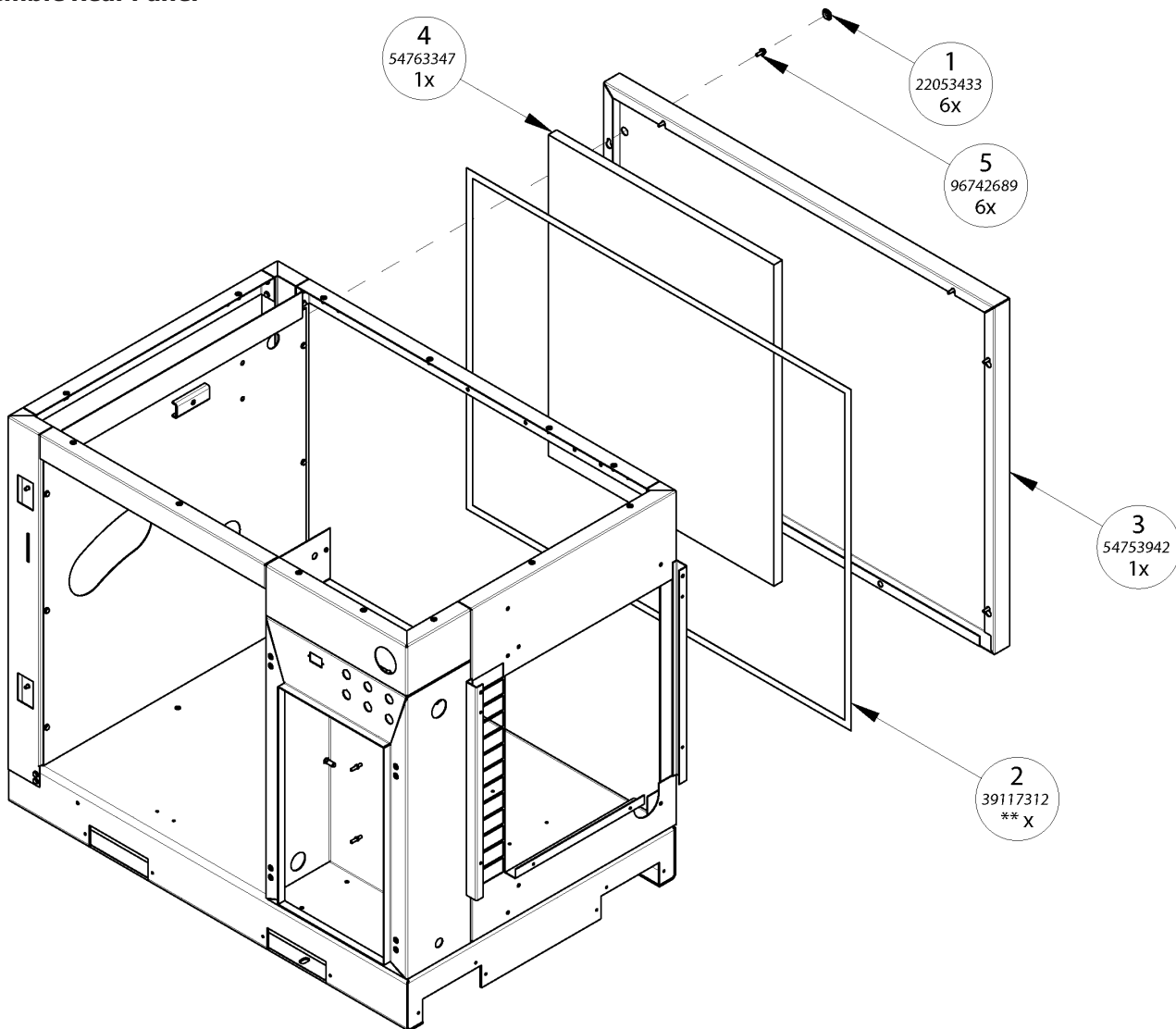
(Dwg. 22170476D8)

**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 x 1 x 12 LG	9

## COMMON SHEET METAL ASSEMBLY DRAWING AND PARTS LIST

### Assemble Rear Panel



(Dwg. 22170476D9)

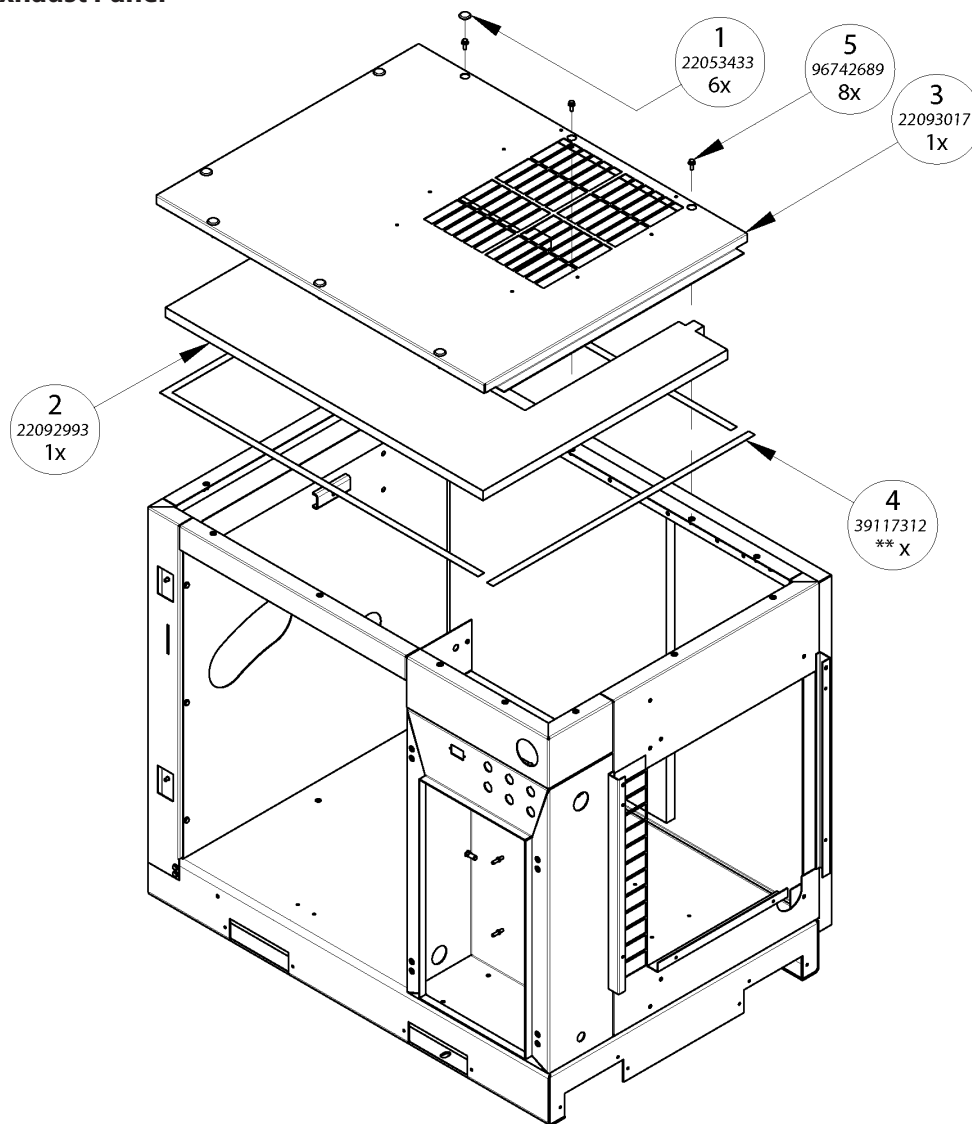
#### PARTS LIST

Item	Part No.	Description	Qty.
1	22053433	CAP, PLASTIC 18 mm HOLE	6
2	39117312	GASKET, STRIP 0.06 THK x 0.75 WIDE W/ADHESIVE BACK	A/R
3	54753942	PANEL, REAR	1
4	54763347	FOAM, REAR PANEL	1
5	96742689	BOLT, HEX FLANGE M6 -1.00 x 16.0 LONG	6

A/R	AS REQUIRED
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**COMMON SHEET METAL ASSEMBLY DRAWING AND PARTS LIST**

**Assemble Top Exhaust Panel**



(Dwg. 22170476D10)

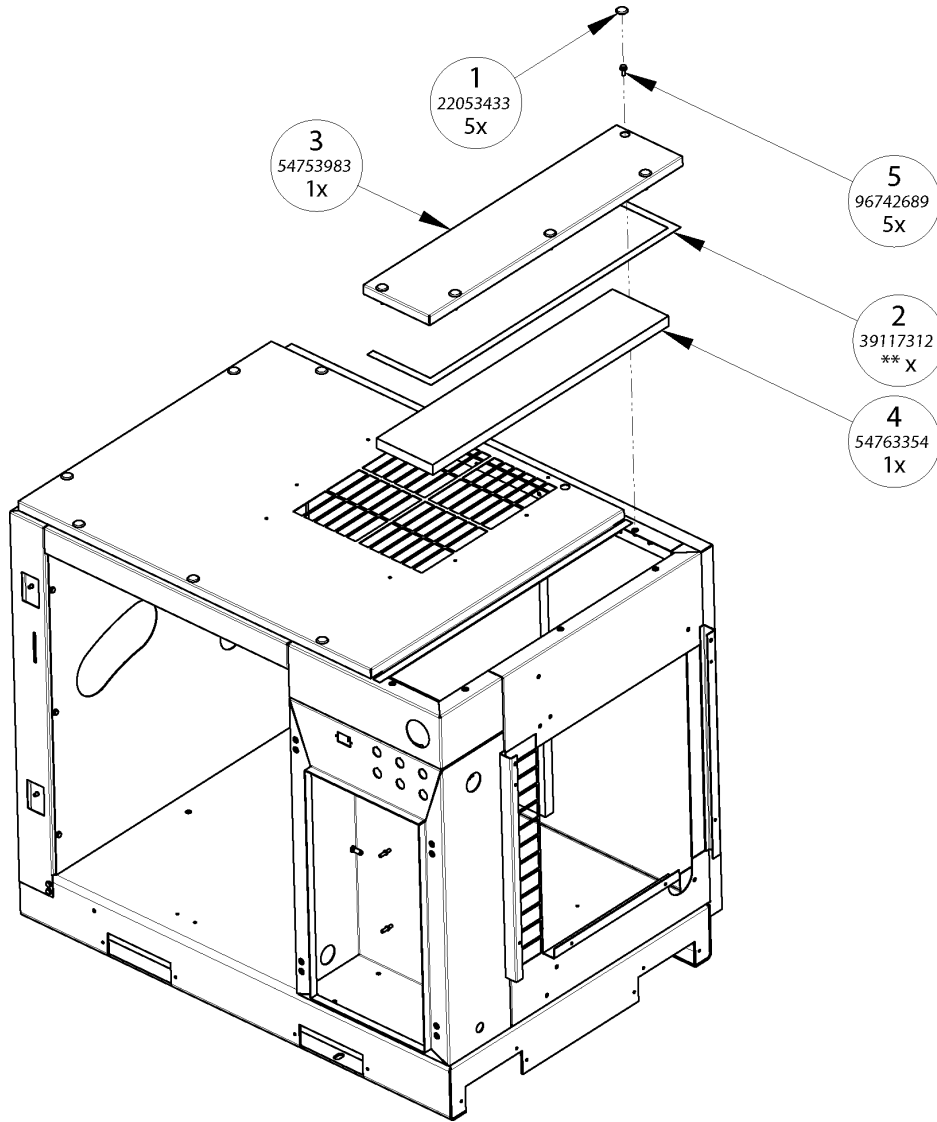
**PARTS LIST**

Item	Part No.	Description	Qty.
1	22053433	CAP, PLASTIC 18 mm HOLE	6
2	22092993	FOAM, TOP EXHAUST PANEL	1
3	22093017	PANEL, TOP EXHAUST	1
4	39117312	GASKET, STRIP 0.06 THK x 0.75 WIDE W/ADHESIVE BACK	A/R
5	96742689	BOLT, HEX FLANGE M6-1.00 X 16.0 LONG	8

A/R	AS REQUIRED
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# COMMON SHEET METAL ASSEMBLY DRAWING AND PARTS LIST

## Assemble Top Cooler Access Panel



(Dwg. 22170476D11)

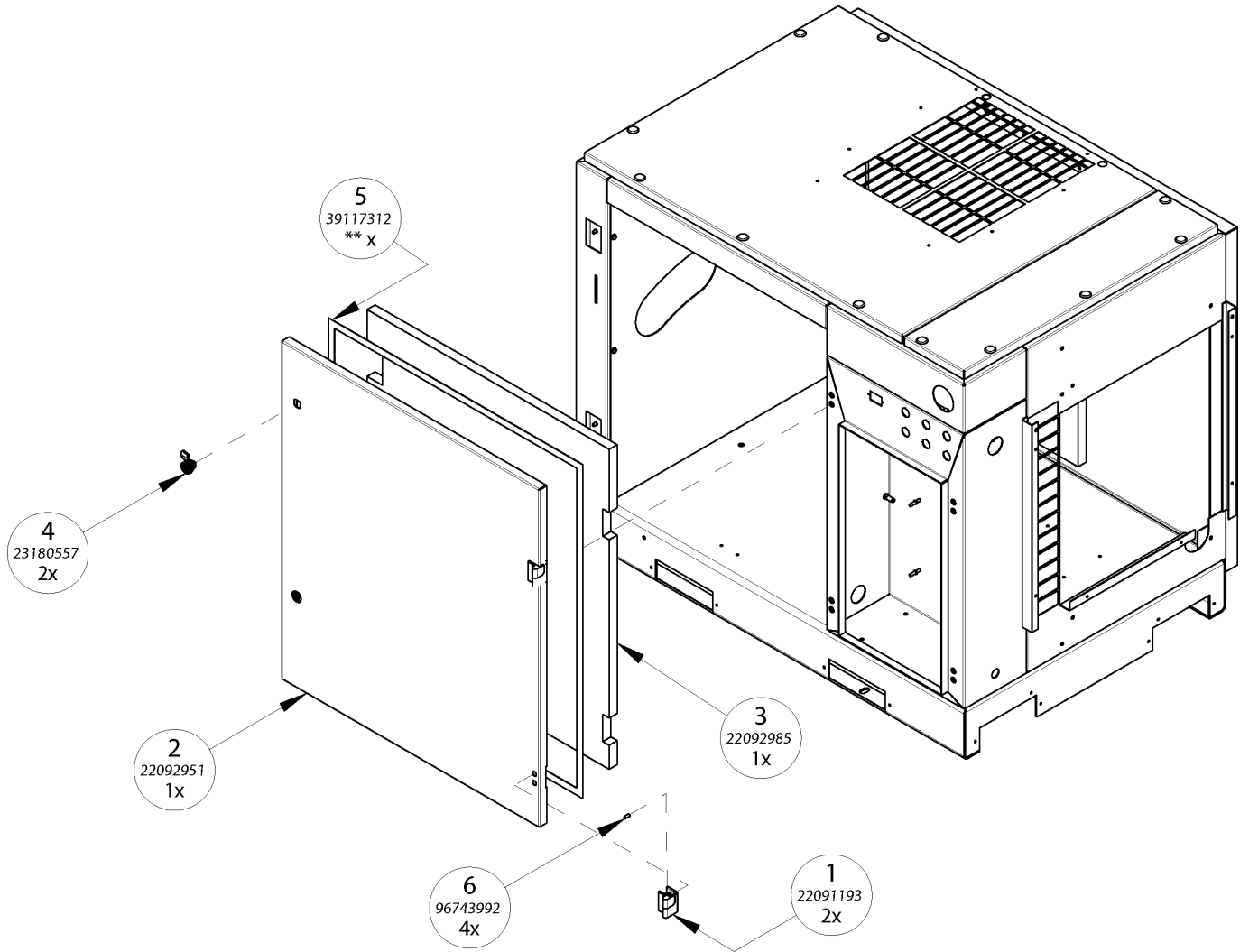
### PARTS LIST

Item	Part No.	Description	Qty.
1	22053433	CAP, PLASTIC 18 mm HOLE	5
2	39117312	GASKET, STRIP 0.06 THK x 0.75 WIDE W/ADHESIVE BACK	A/R
3	54753983	PANEL, REMOVABLE TOP	1
4	54763354	FOAM, REMOVABLE TOP PANEL	1
5	96742689	BOLT, HEX FLANGE M6-1.00 x 16.0 LONG	5

A/R	AS REQUIRED
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**COMMON SHEET METAL ASSEMBLY DRAWING AND PARTS LIST**

**Assemble Front Panel**



(Dwg. 22170476D12)

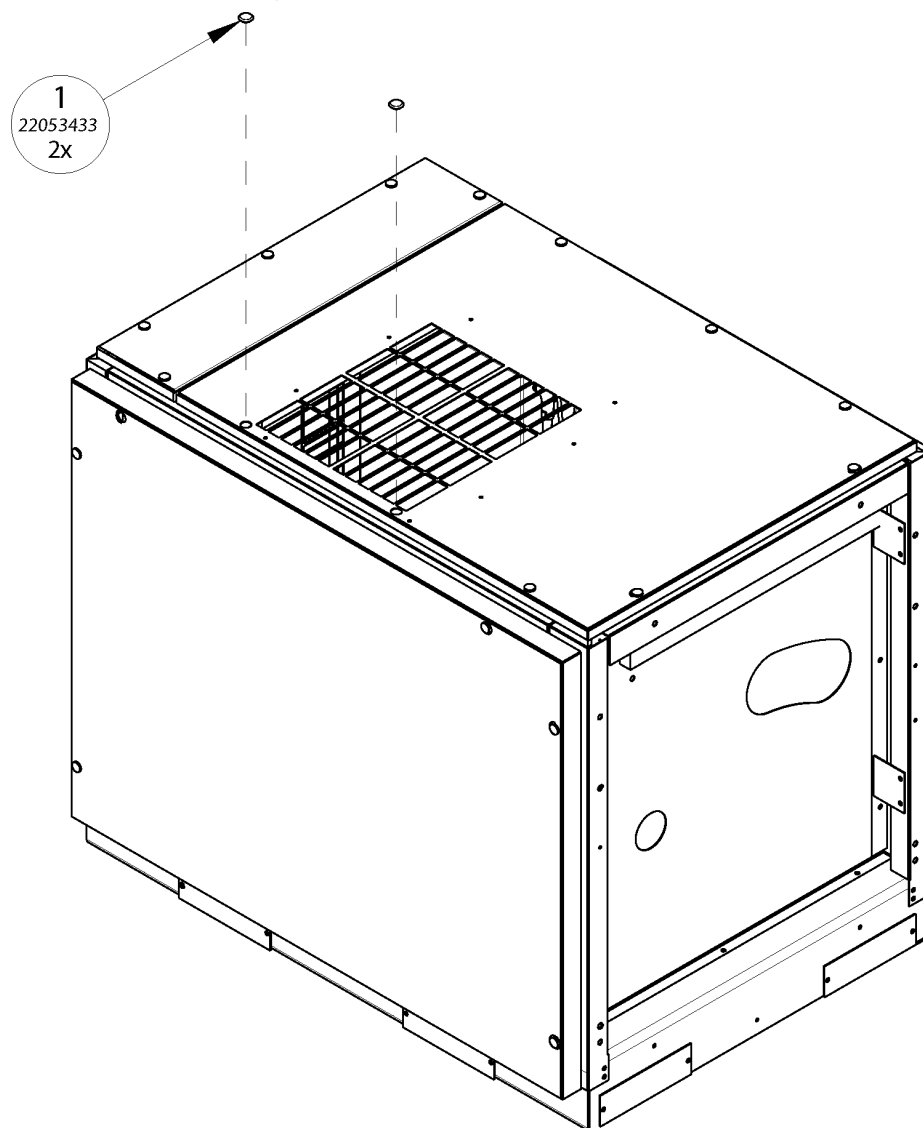
**PARTS LIST**

Item	Part No.	Description	Qty.
1	22091193	HINGE, LIFT OFF (RIGHT HAND)	2
2	22092951	PANEL, FRONT DOOR	1
3	22092985	FOAM, FRONT ACCESS PANEL	1
4	23180557	LATCH, DOOR (NEMA 4) 28 mm HEAD/28 mm OFFSET	2
5	39117312	GASKET, STRIP 0.06 THK x 0.75 WIDE W/ADHESIVE BACK	A/R
6	96743992	MACHINE SCREW, FLAT HEAD M6 x16	4

A/R	AS REQUIRED
-----	-------------

**STANDARD SHEET METAL ASSEMBLY DRAWING AND PARTS LIST**

**Assemble Top Exhaust Panel Cap Plugs**



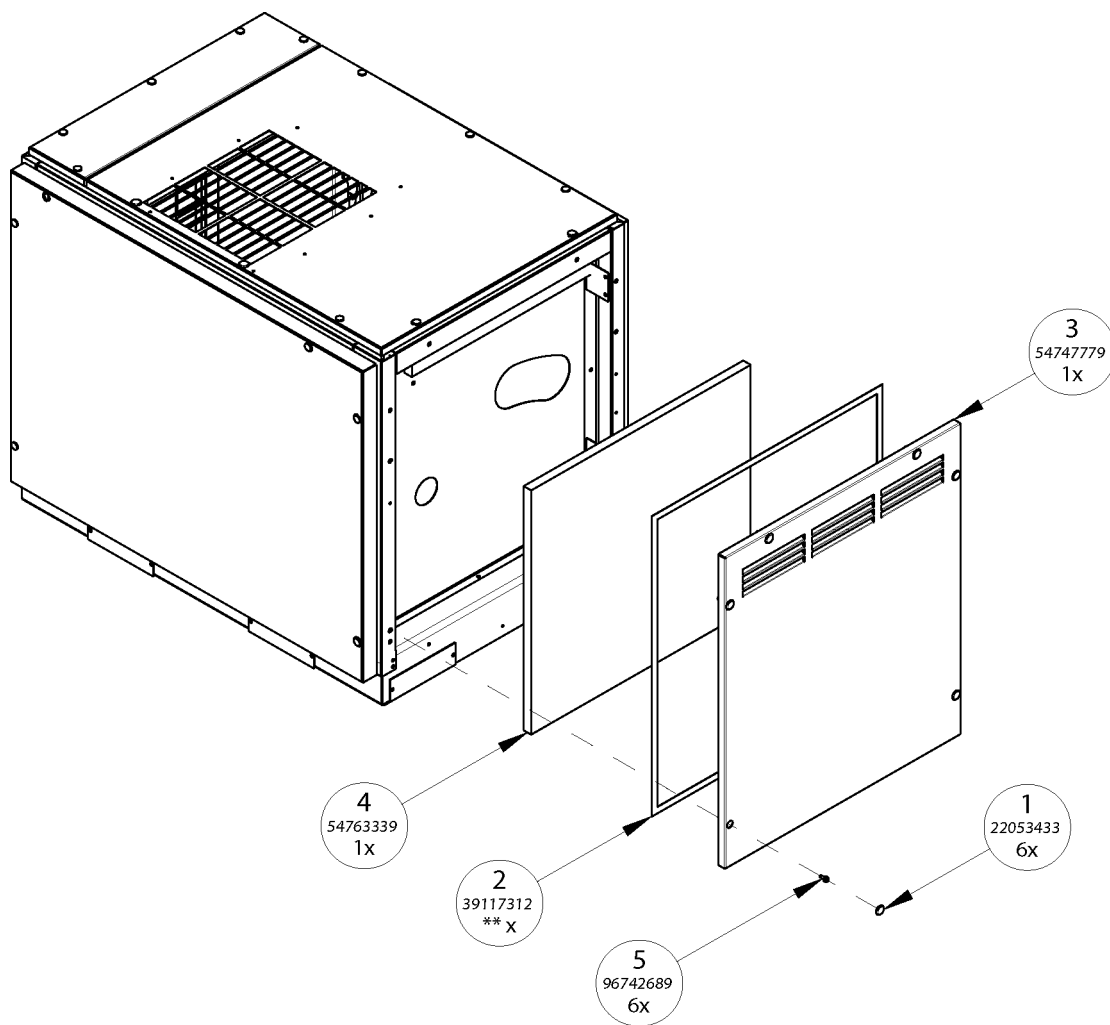
(Dwg. 22171003C2)

**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)

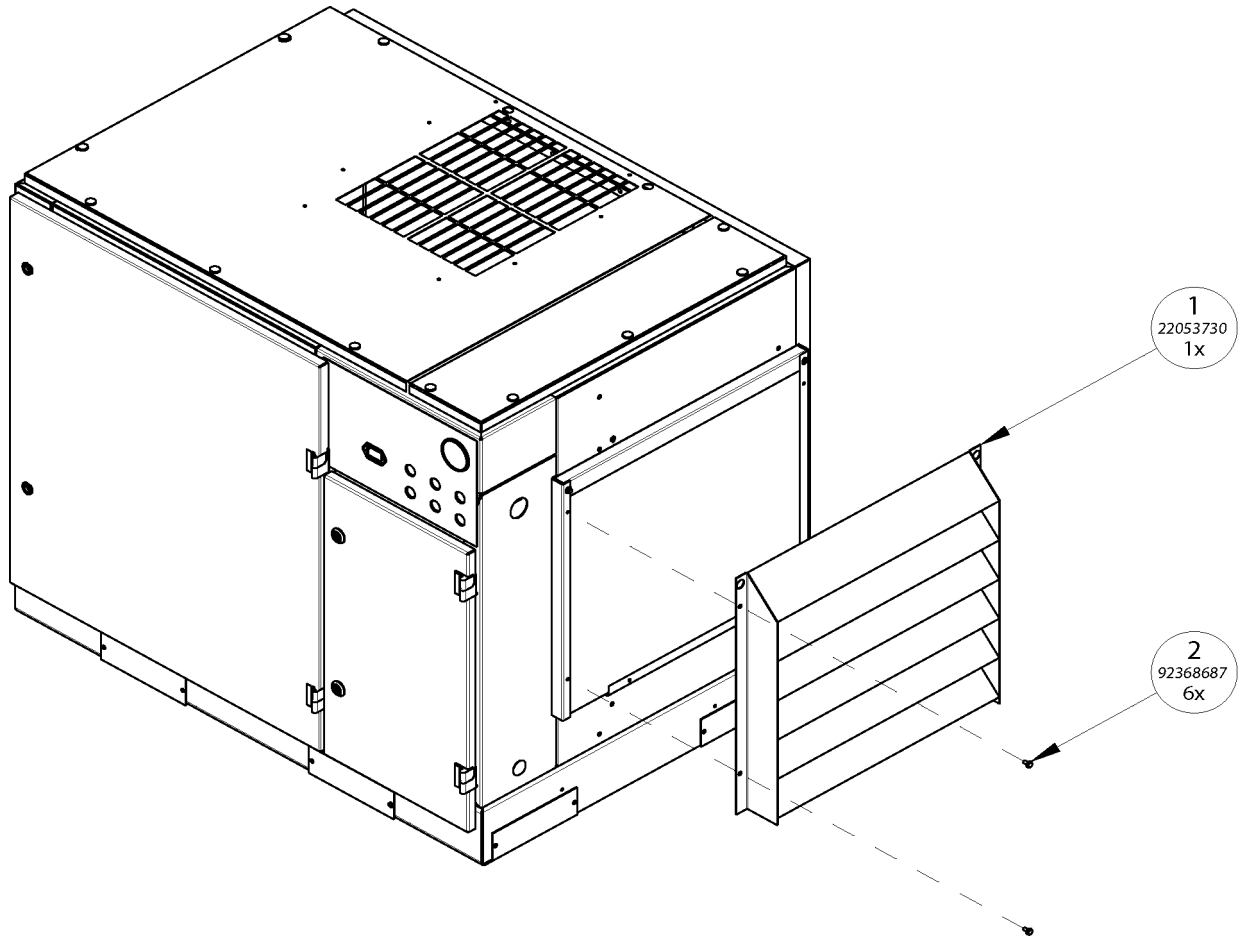
**PARTS LIST**

Item	Part No.	Description	Qty.
1	22053433	CAP, PLASTIC 18 mm HOLE	6
2	39117312	GASKET, STRIP 0.06THK x 0.75 WIDEW/ADHESIVE BACK	A/R
3	54747779	PANEL, LEFT END	1
4	54763339	FOAM, LEFT END PANEL	1
5	96742689	BOLT, HEX FLANGE M6-1.00 x 16.0LONG	6

A/R	AS REQUIRED
-----	-------------

# OUTDOOR MODIFICATION SHEET METAL ASSEMBLY DRAWING AND PARTS LIST

## Assemble Intake Louver



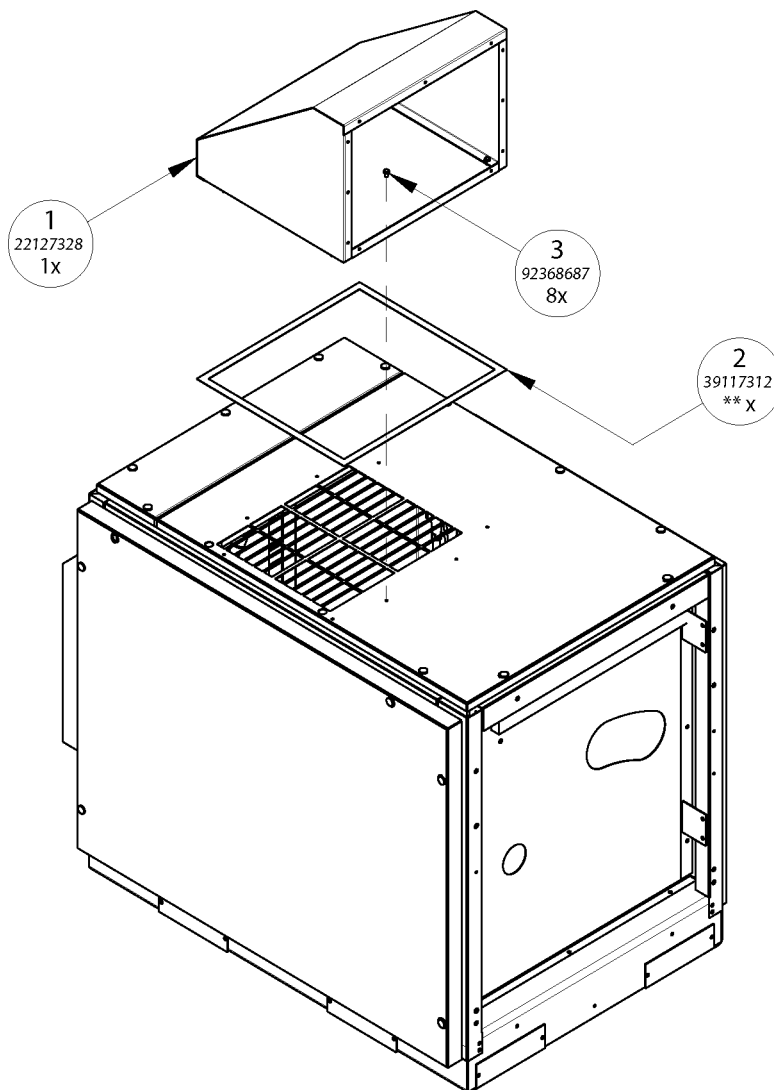
(Dwg. 22170997C2)

### PARTS LIST

Item	Part No.	Description	Qty.
1	22053730	LOUVER, AIR INTAKE(OUTDOOR MODIFICATION)	1
2	92368687	TAPTITE SCREWM6 x 1 x 12 LG	6

# OUTDOOR MODIFICATION SHEET METAL ASSEMBLY DRAWING AND PARTS LIST

## Assemble Compressor Exhaust Hood



(Dwg. 22170997C3)

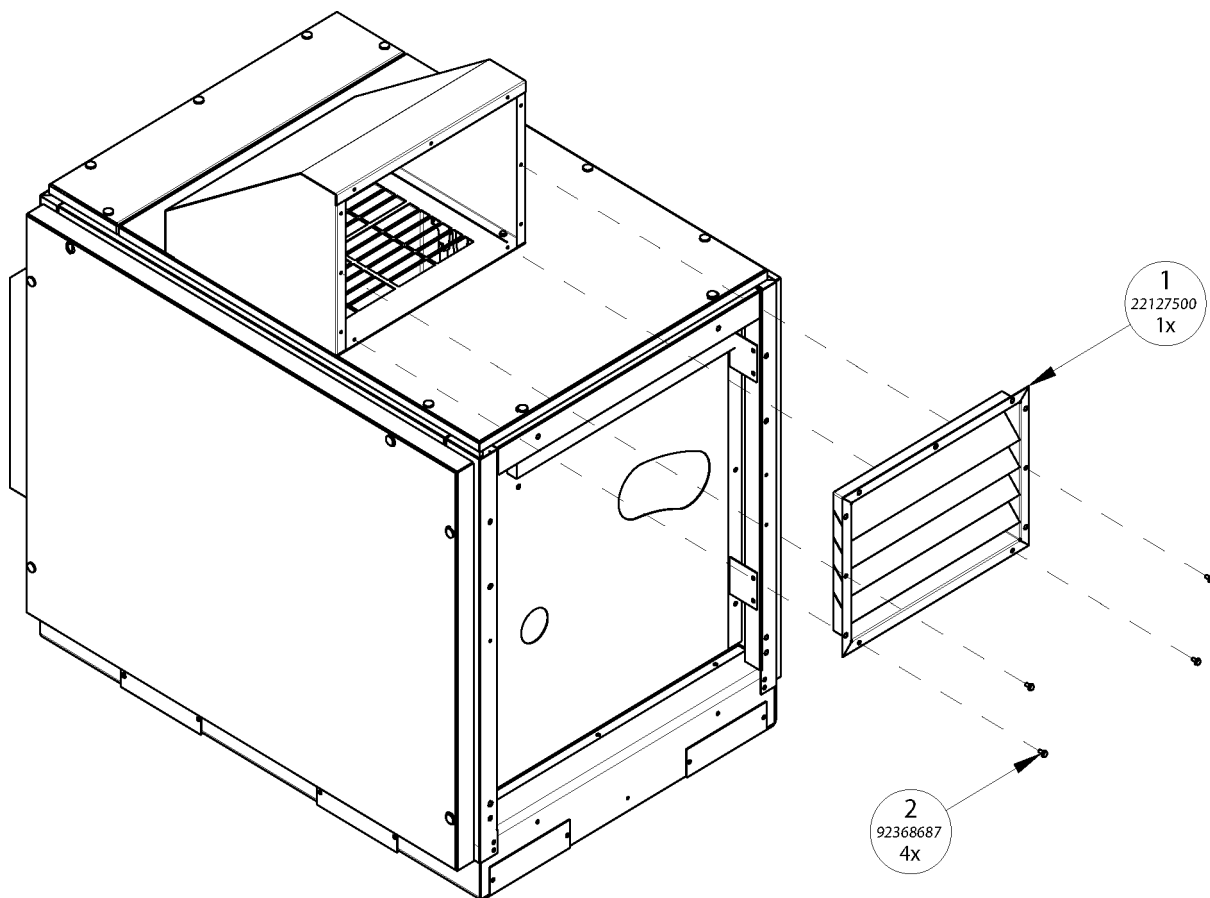
### PARTS LIST

Item	Part No.	Description	Qty.
1	22127328	BOX, COMPRESSOREXHAUST (OUTDOOR MODIFICATION)	1
2	39117312	GASKET, STRIP 0.06THK x 0.75 WIDE W/ADHESIVE BACK	A/R
3	92368687	TAPTITE SCREWM6 x 1 x 12 LG	8

A/R	AS REQUIRED
-----	-------------

# OUTDOOR MODIFICATION SHEET METAL ASSEMBLY DRAWING AND PARTS LIST

## Assemble Package Exhaust Louver



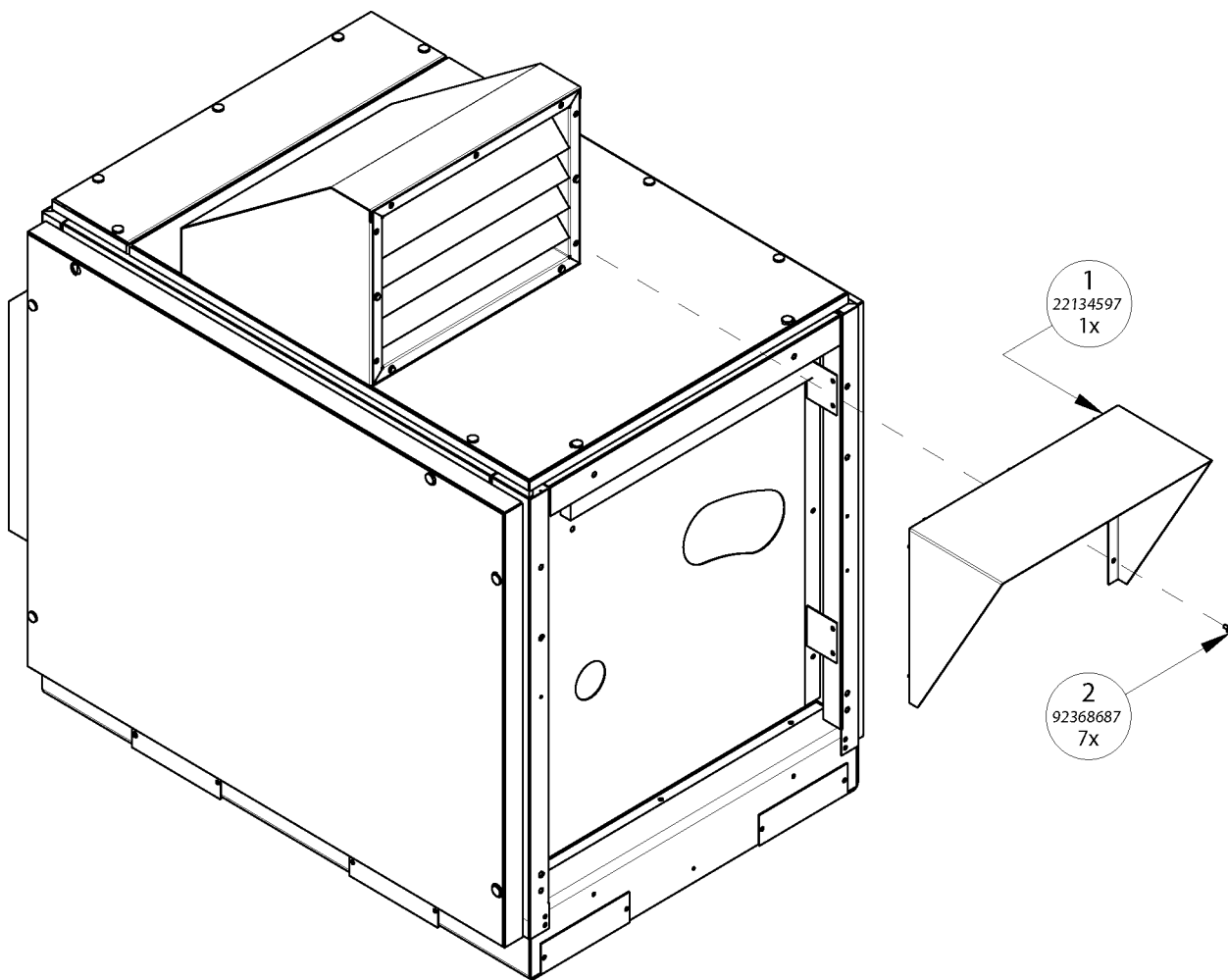
(Dwg. 22170997C4)

### PARTS LIST

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

**OUTDOOR MODIFICATION SHEET METAL ASSEMBLY DRAWING AND PARTS LIST**

**Assemble Package Air Exhaust Louver Hood**



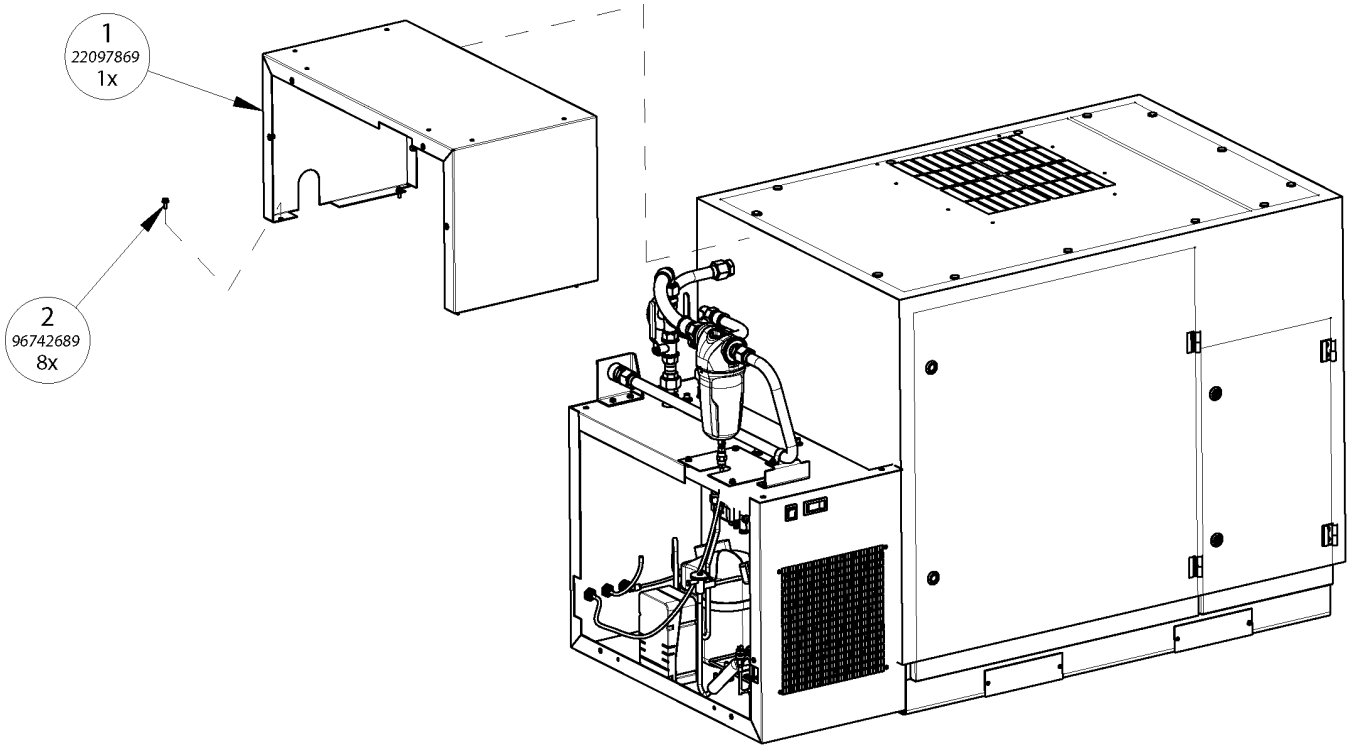
(Dwg. 22170997C5)

**PARTS LIST**

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

# DRYER SHEET METAL ASSEMBLY DRAWING AND PARTS LIST

## Assemble Dryer Left End Panel



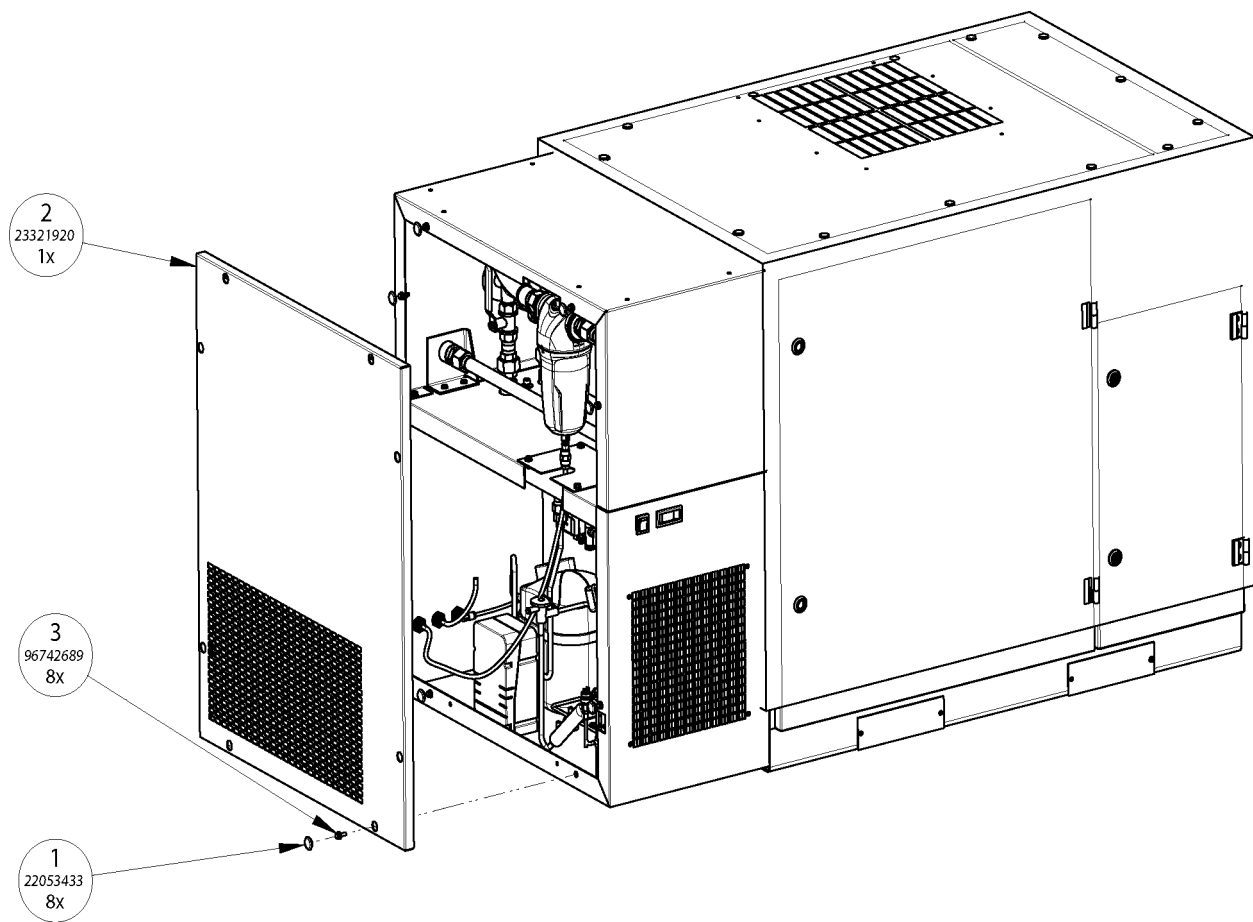
(Dwg. 22171011E2)

### PARTS LIST

Item	Part No.	Description	Qty.
1	22097869	COVER, DRYER TOP	1
2	96742689	BOLT, HEX FLANGE M6-1.00 x 16.0 LONG	8

## DRYER SHEET METAL ASSEMBLY DRAWING AND PARTS LIST

### Assemble Dryer Left End Panel



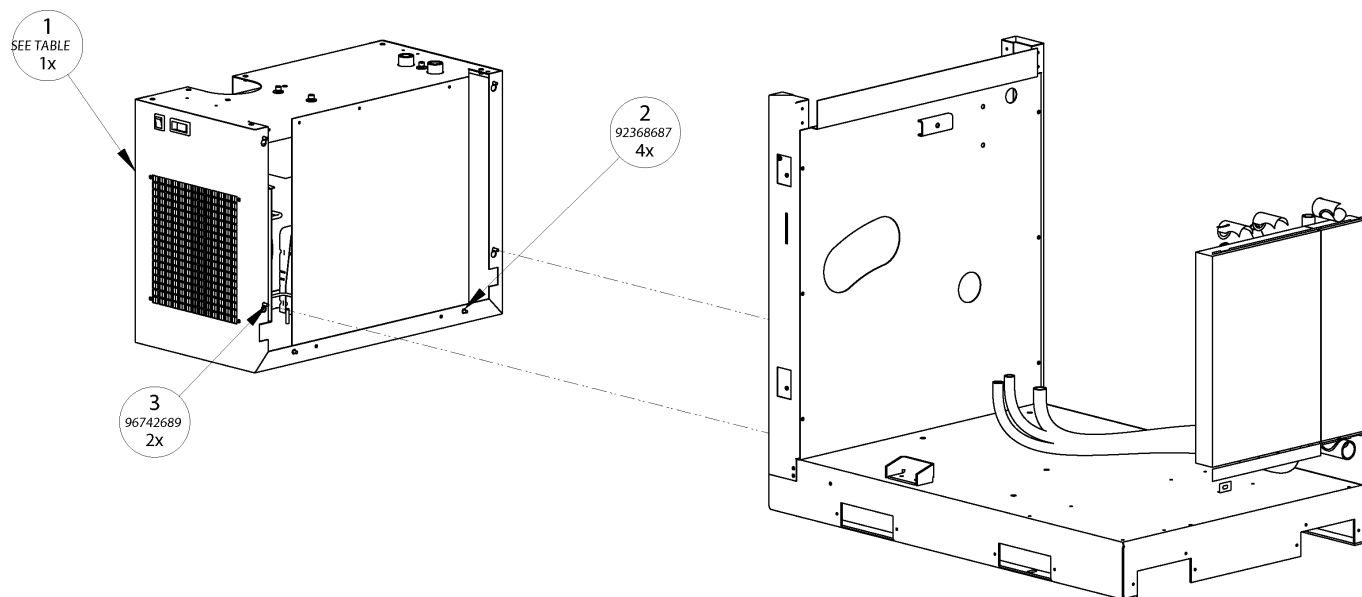
(Dwg. 22171011E3)

#### PARTS LIST

Item	Part No.	Description	Qty.
1	22053433	CAP, PLASTIC 18 mm HOLE	8
2	23321920	ASSEMBLY, DRYER PANEL(SHEETMETAL/FOAM) (OMI)	1
3	96742689	BOLT, HEX FLANGE M6-1.00 x16.0 LONG	8

## DRYER PIPING ASSEMBLY DRAWING AND PARTS LIST

### Assemble Dryer Box To Enclosure



(Dwg. 22179618L2)

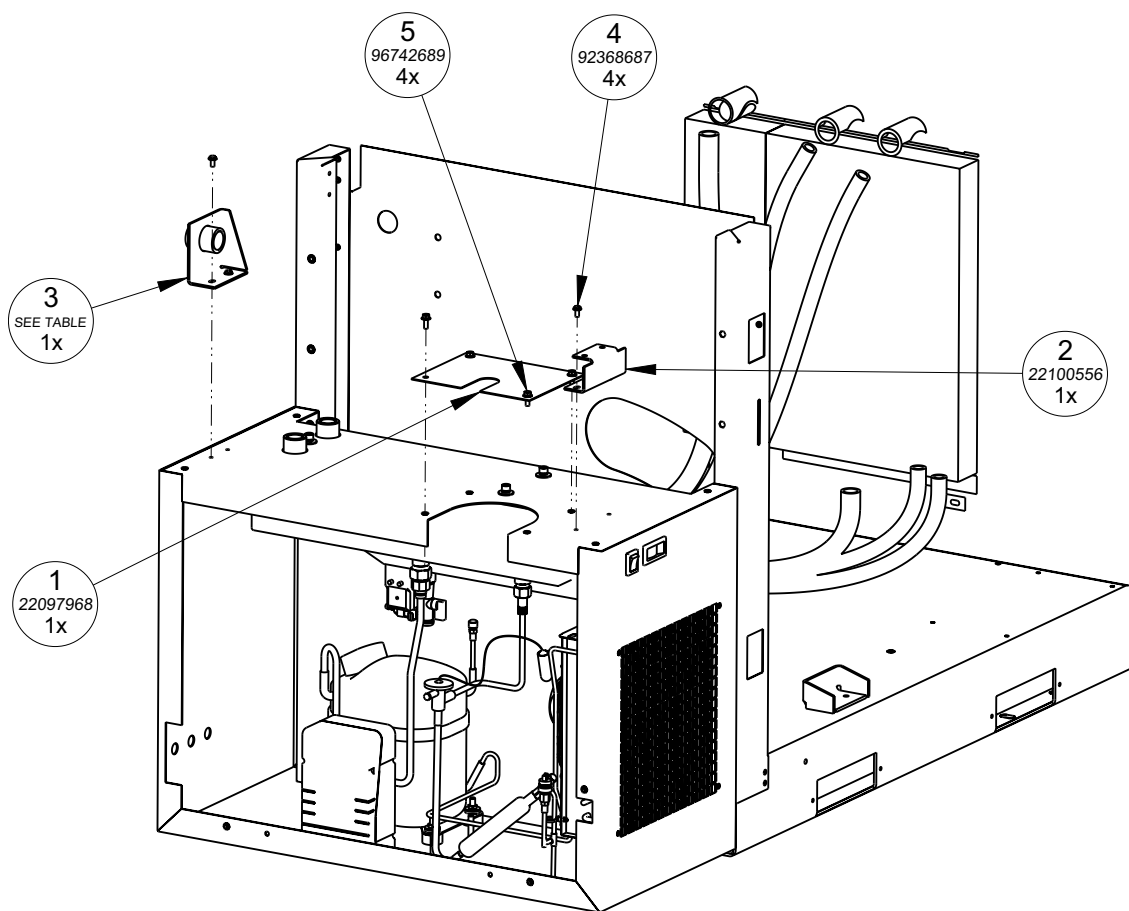
### PARTS LIST

Item	Part No.	Description	Qty.
1	SEE TABLE	DRYER	1
2	92368687	TAPTITE SCREW M6 x 1 x 12 LG	4
3	96742689	BBOLT, HEX FLANGEM6-1.00 x 16.0 LONG	2

Table For Dryer Configuration	
P/N	Description
23318082	DRYER, OMI 11-15KW 50HZ
23318090	DRYER, OMI 15-20HP 60HZ
23335631	DRYER, OMI 25-30HP 60HZ
23335672	DRYER, OMI 18.5-22KW 50HZ

## DRYER PIPING ASSEMBLY DRAWING AND PARTS LIST

### Assemble Brackets



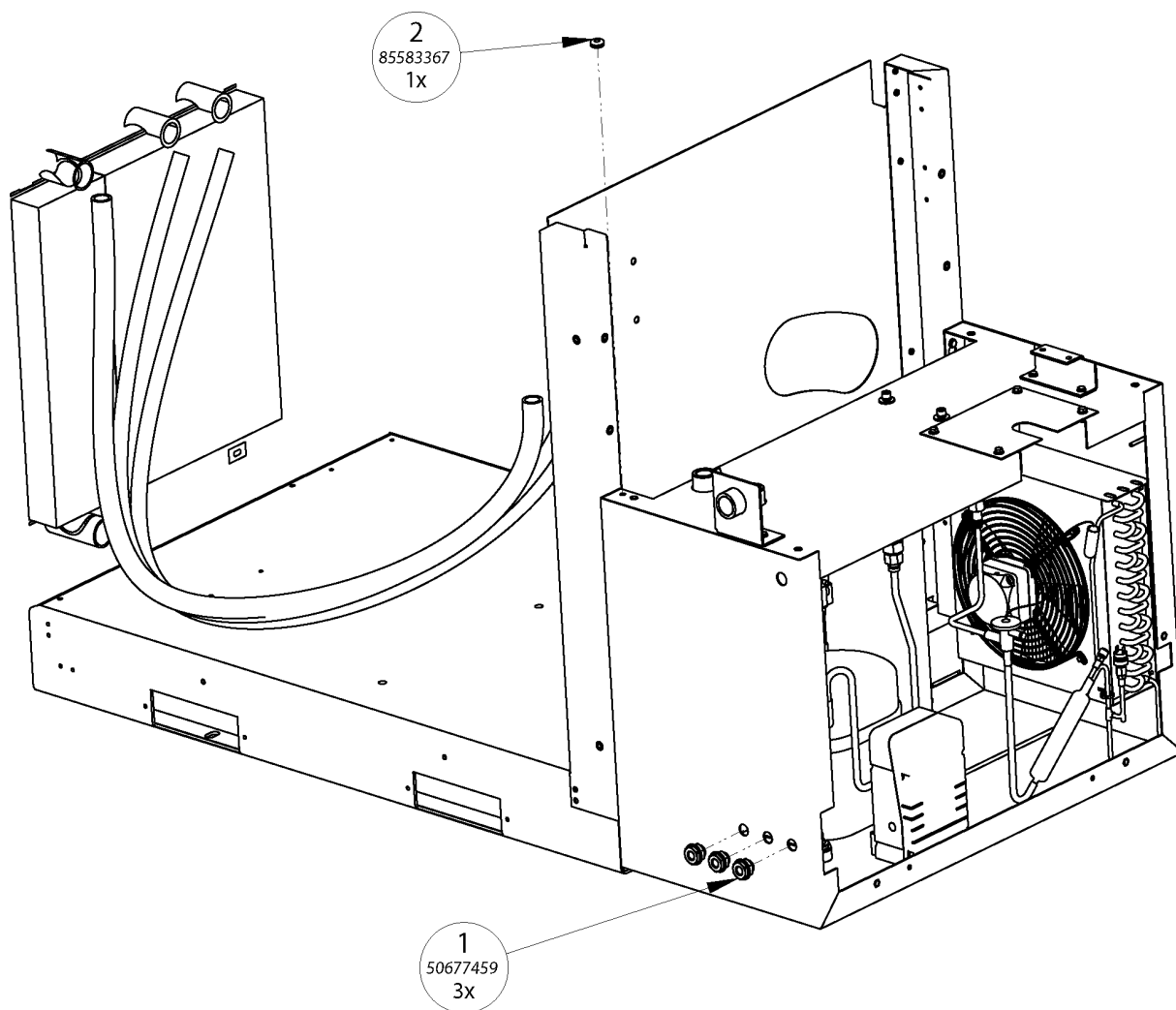
(Dwg. 22179618L3)

### PARTS LIST

Item	Part No.	Description	Qty.
1	22097968	COVER, AIR FILTER	1
2	22100556	SUPPORT, DRYERDISCHARGE PIPING	1
3	22100648	BRACKET, DRYER PIPING DISCHARGE(1.00" NPT)	1
	22100655	BRACKET, DRYER PIPING DISCHARGE(1.00" BSPT)	1
4	92368687	TAPTITE SCREW M6 x 1 x 12 LG	4
5	96742689	BOLT, HEX FLANGEM6-1.00 x 16.0 LONG	4

## DRYER PIPING ASSEMBLY DRAWING AND PARTS LIST

### Assemble Grommet And Bulk Head Fittings



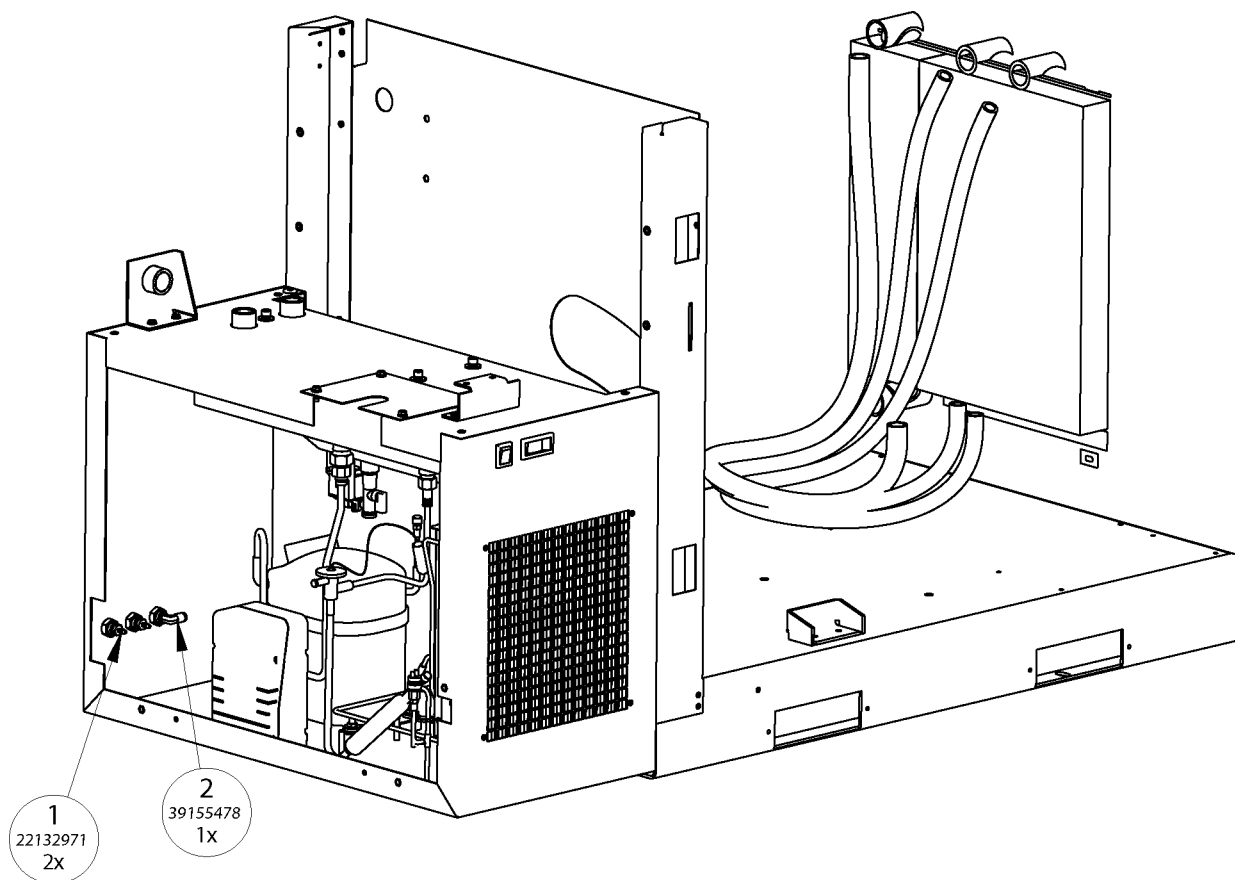
(Dwg. 22179618L4)

#### PARTS LIST

Item	Part No.	Description	Qty.
1	50677459	ADAPTER, BULKHEAD1/4" NPT X 3/4" UNF	3
2	85583367	GROMMET, INSULATION 0.3125" I.D.	1

## DRYER PIPING ASSEMBLY DRAWING AND PARTS LIST

### Assemble Drain Line Fittings



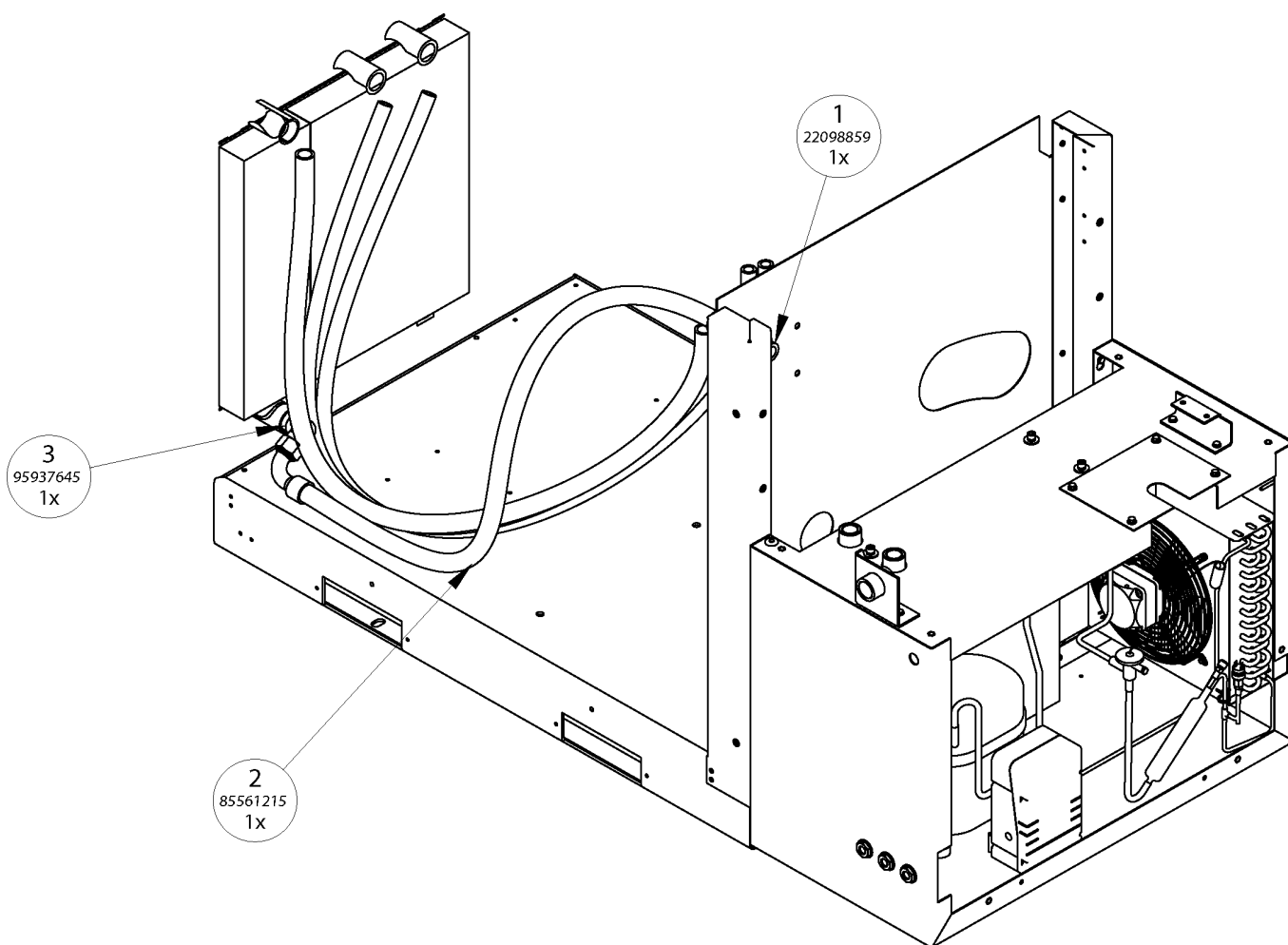
(Dwg. 22179618L5)

### PARTS LIST

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

## DRYER PIPING ASSEMBLY DRAWING AND PARTS LIST

### Assemble Hose From Cooler To Moisture Separator



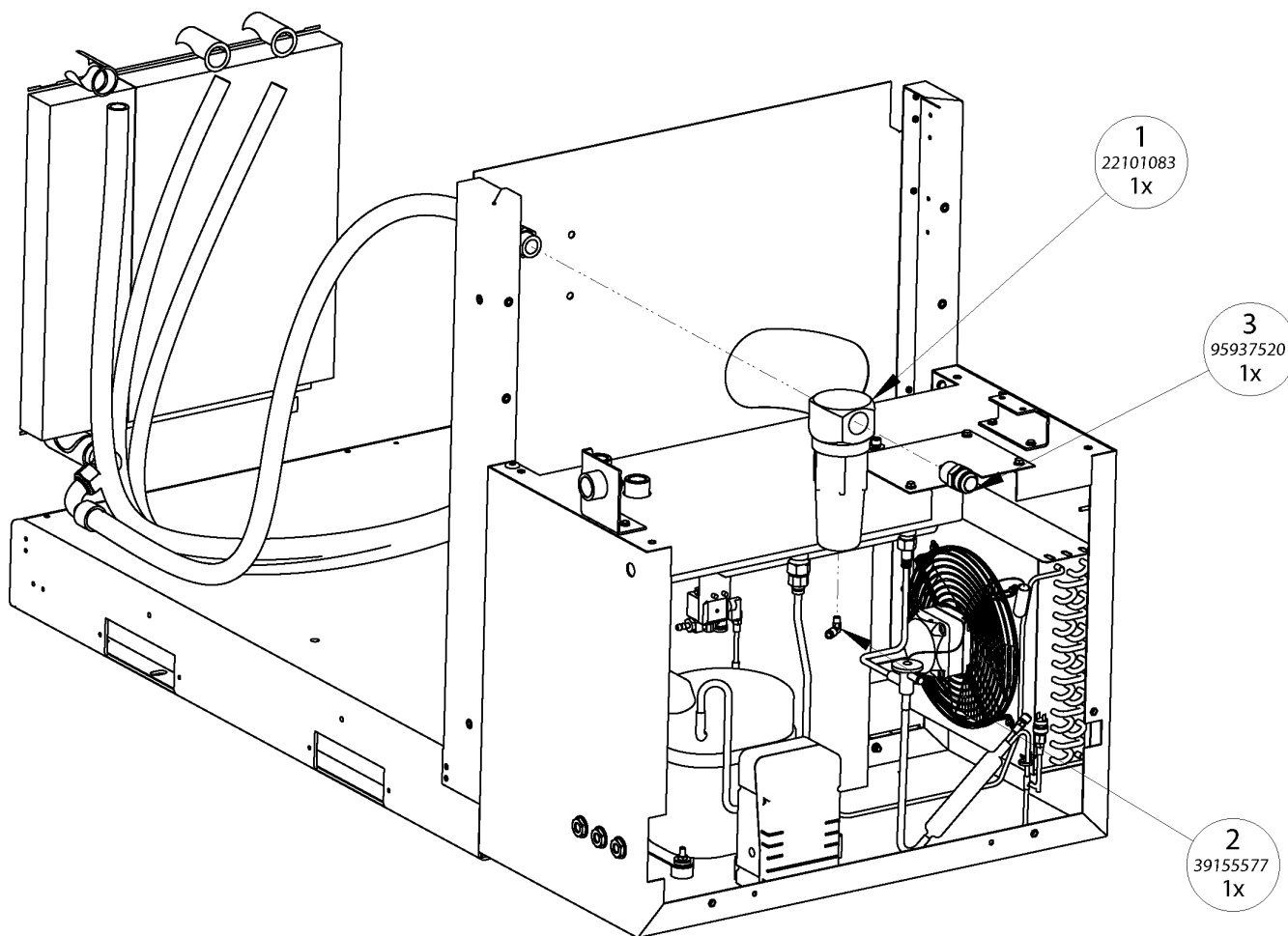
(Dwg. 22179618L6)

#### PARTS LIST

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

## DRYER PIPING ASSEMBLY DRAWING AND PARTS LIST

### Assemble Moisture Separator



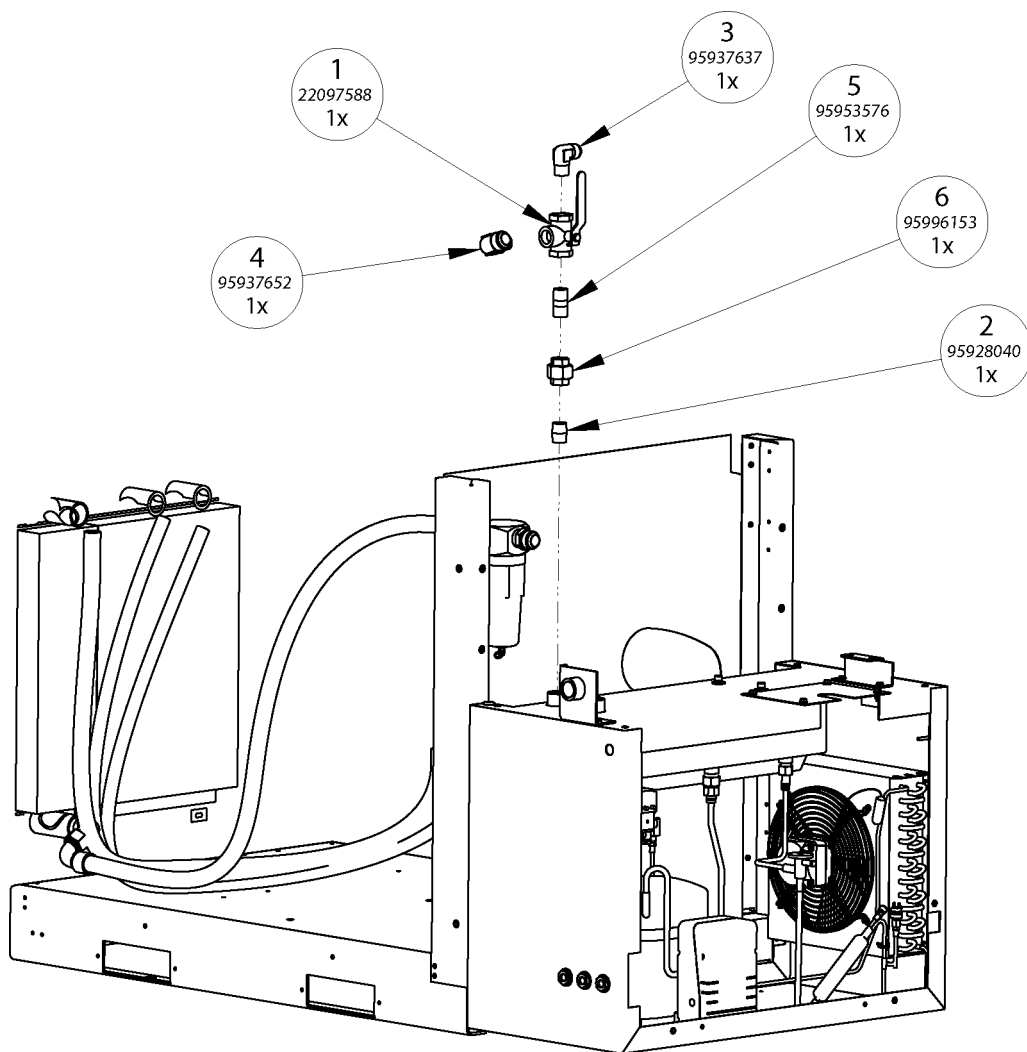
(Dwg. 22179618L7)

#### PARTS LIST

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

## DRYER PIPING (W/BYPASS) ASSEMBLY DRAWING AND PARTS LIST

### Assemble Dryer Piping



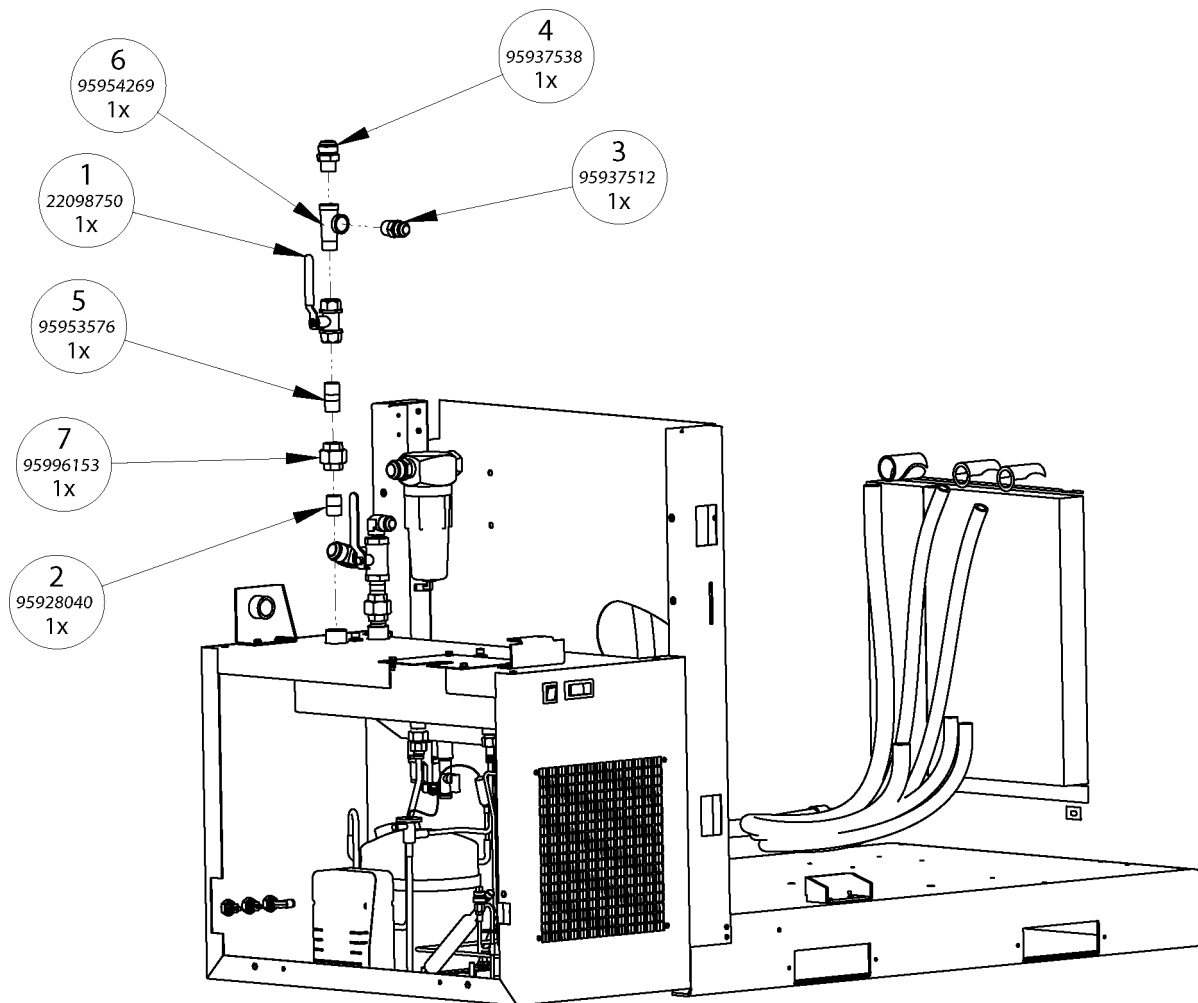
(Dwg. 22179618L8)

### PARTS LIST

Item	Part No.	Description	Qty.
1	22097588	VALVE, 3-WAY BALL 0.75" FEMALE NPT	1
2	95928040	NIPPLE, EXTRA STRONG 0.75 NPT x 1.38 LONG	1
3	95937637	ELBOW, 0.75 TUBE x 0.75 NPT	1
4	95937652	ELBOW, 1.00 TUBE x 0.75 NPT	1
5	95953576	NIPPLE, EXTRA STRONG 0.75 NPT x 2.00 LONG	1
6	95996153	UNION, FEMALE 0.75 NPT 150LB	1

## DRYER PIPING (W/BYPASS) ASSEMBLY DRAWING AND PARTS LIST

### Assemble Dryer Piping



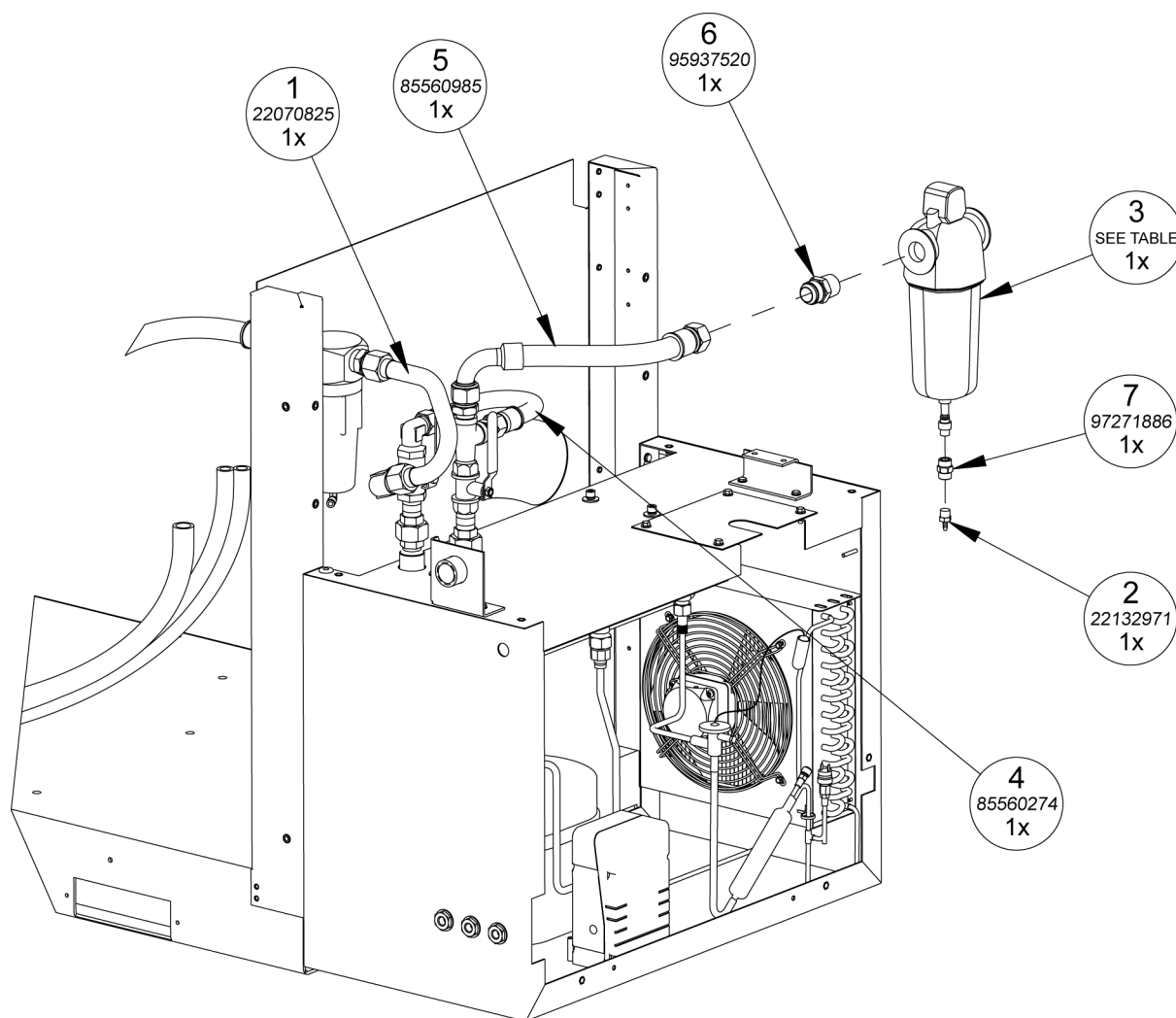
(Dwg. 22179618L9)

### PARTS LIST

Item	Part No.	Description	Qty.
1	32106569	VALVE, BALL(0.75" FEMALE NPT)	1
2	95928040	NIPPLE, EXTRA STRONG 0.75 NPT x 1.38 LONG	1
3	95937512	CONNECTOR, 0.75 TUBE x 0.75 NPT	1
4	95937538	CONNECTOR, 1.00 TUBE x 0.75 NPT	1
5	95953576	NIPPLE, EXTRA STRONG 0.75 NPT x 2.00 LONG	1
6	95954269	TEE, STREET 150 LB. 0.75 FNPT x 0.75 NPT	1
7	95996153	UNION, FEMALE 0.75 NPT 150LB	1

## DRYER PIPING (W/BYPASS) ASSEMBLY DRAWING AND PARTS LIST

### Assemble Air Filter And Piping



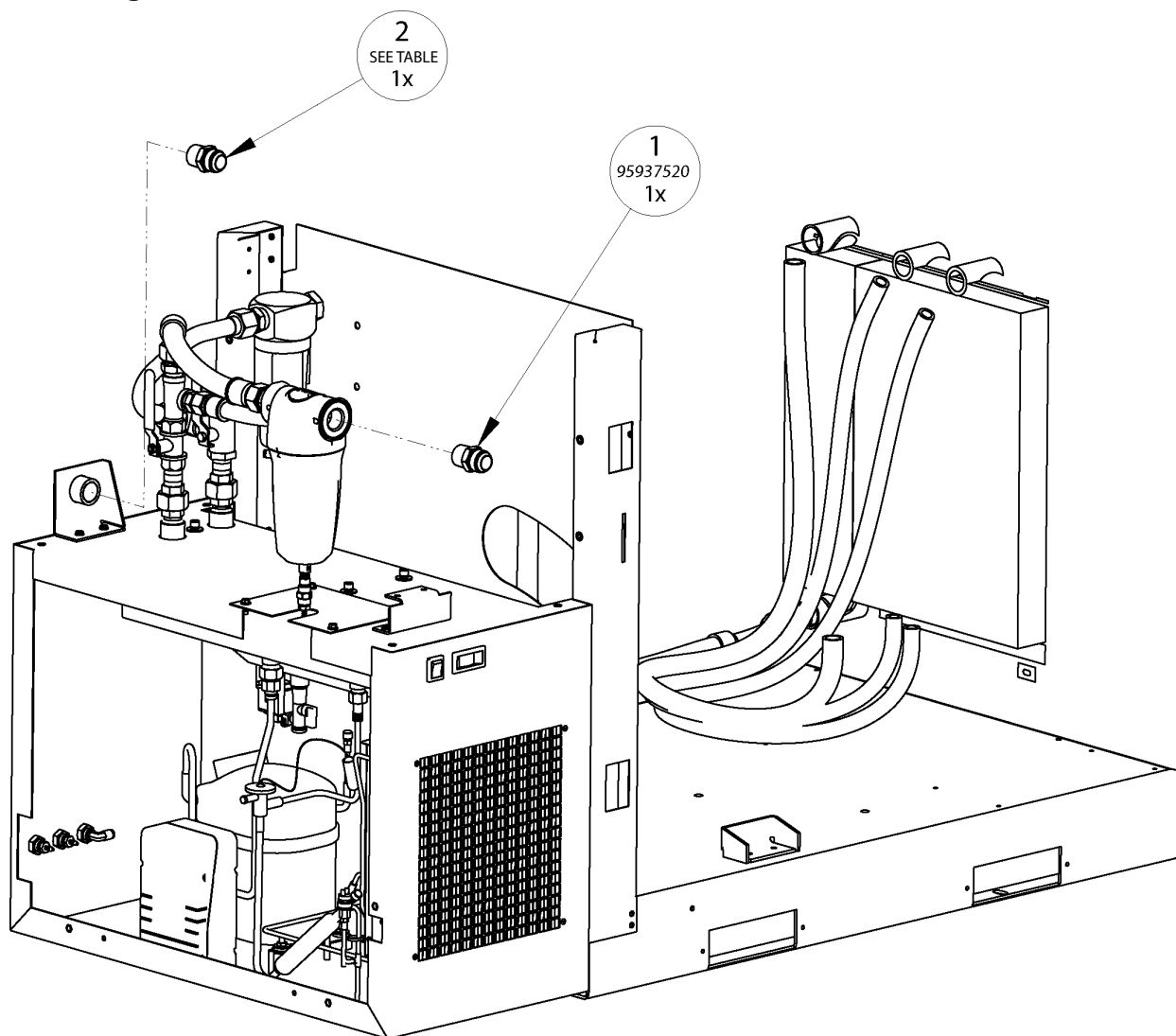
(Dwg. 22179618L10)

#### PARTS LIST

Item	Part No.	Description	Qty.
1	22070825	TUBE, DRYER INLET	1
2	22132971	CONNECTOR, 8 mm TUBE (BARB) 0.25" MALE NPT	1
3	24233686	FILTER (FA230IG), 1" NPT, 135 SCFM, AUTO DRAIN	1
4	85560274	HOSE, HYDRAULIC STR X STR -12 x 22.00 LONG	1
5	85560985	HOSE, HYDRAULIC 90 X STR -16 x 18.00 LONG	1
6	95937520	CONNECTOR, 1.00 TUBE x 1.00 NPT	1
7	97271886	COUPLING, 0.25 IN"CH NPT BRASS	1

## DRYER PIPING ASSEMBLY DRAWING AND PARTS LIST

### Assemble Fittings



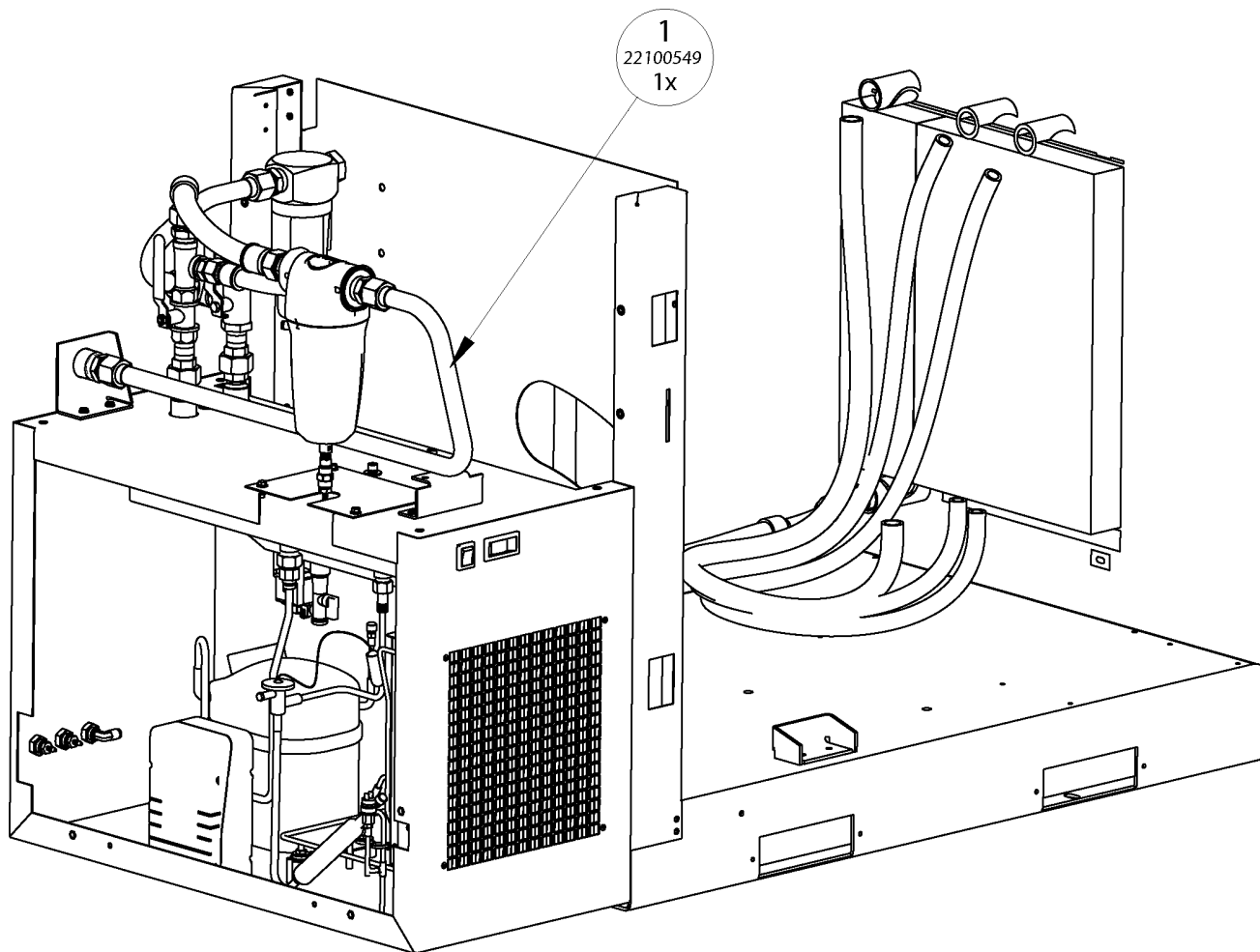
(Dwg. 22179618L11)

### PARTS LIST

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

## DRYER PIPING ASSEMBLY DRAWING AND PARTS LIST

### Assemble Air Discharge Tube



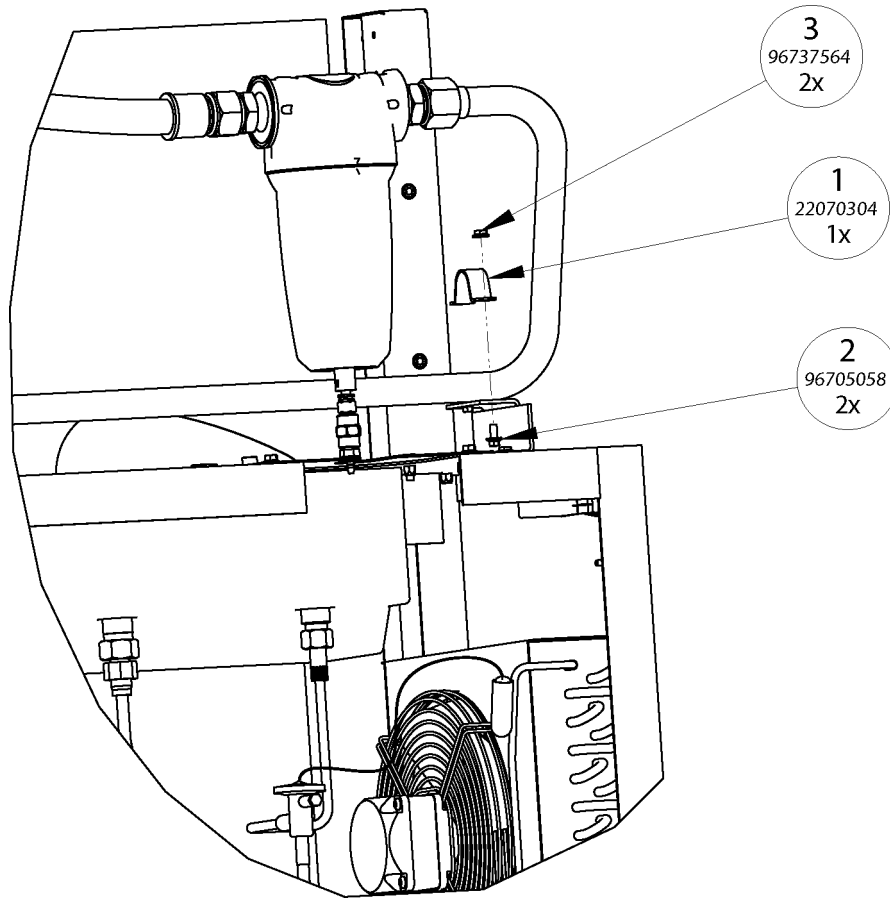
(Dwg. 22179618L12)

#### PARTS LIST

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

## DRYER PIPING ASSEMBLY DRAWING AND PARTS LIST

### Assemble Tube Clamp



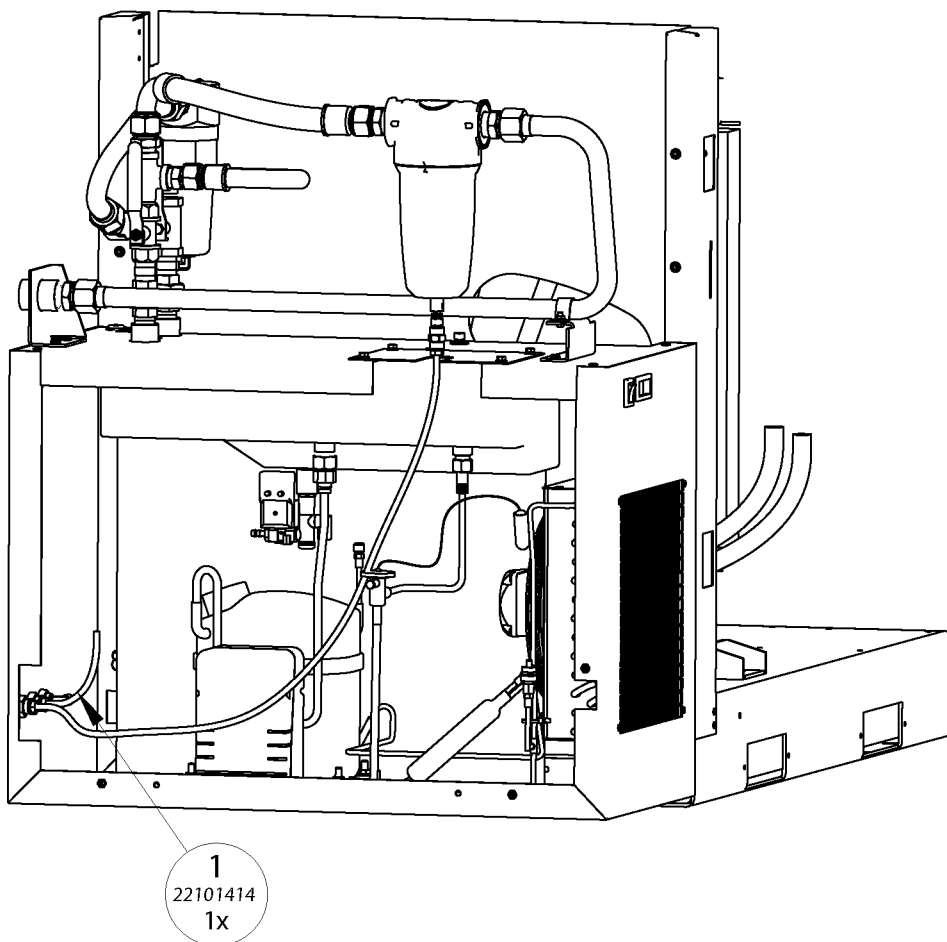
(Dwg. 22179618L13)

### PARTS LIST

Item	Part No.	Description	Qty.
1	22070304	CLAMP, STEEL RETAINING	1
2	96705058	SCREW, HEX HEAD FLANGEM6 x 12.0 LONG	2
3	96737564	NUT, HEX FLANGE LOCKSERRATED M6-1.00	2

## DRYER PIPING ASSEMBLY DRAWING AND PARTS LIST

### Assemble 8mm Tubing



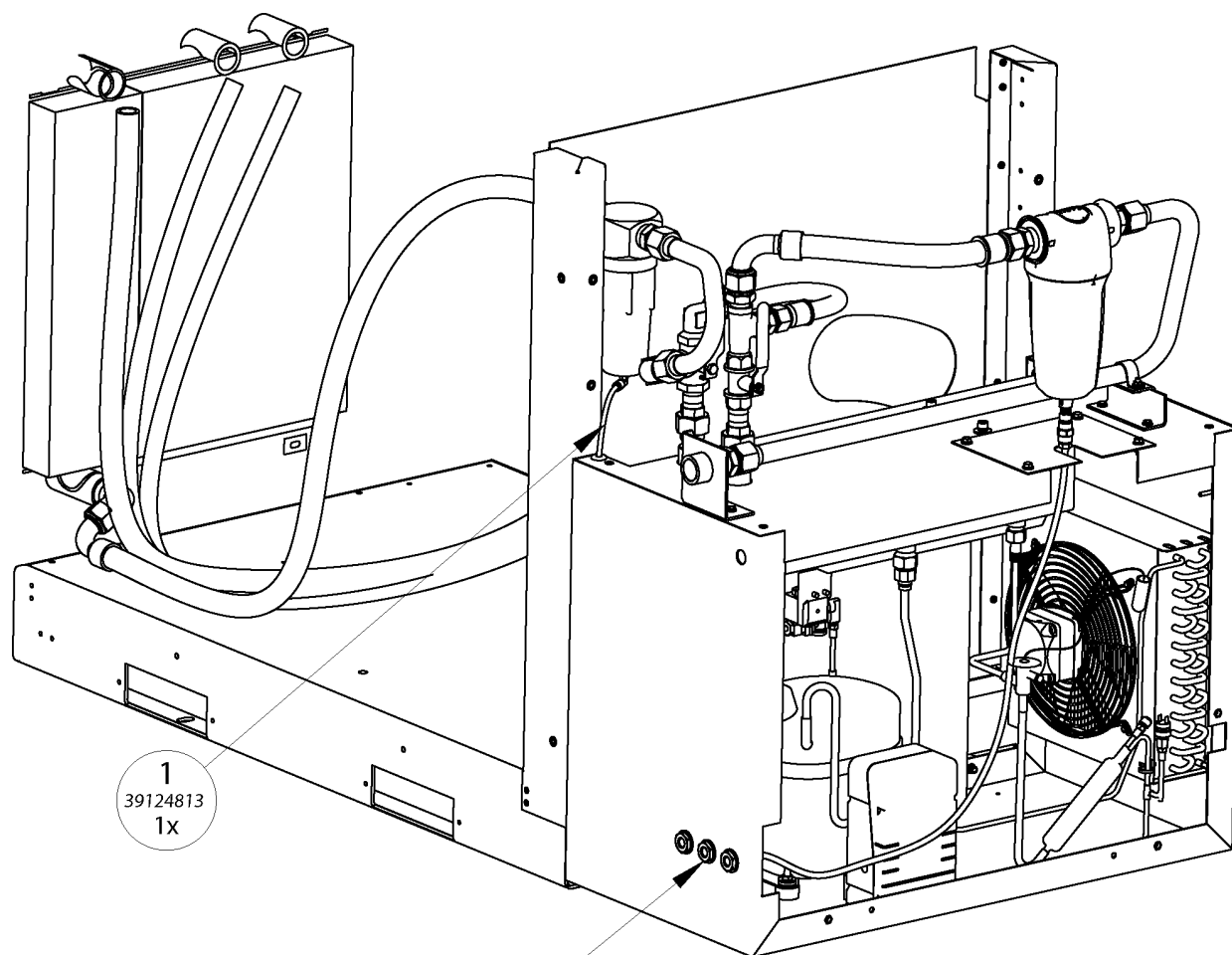
(Dwg. 22179618L14)

### PARTS LIST

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

## DRYER PIPING ASSEMBLY DRAWING AND PARTS LIST

### Assemble .25 Inch Tubing



TUBING ATTACHES TO FITTING  
IN REAR OF BULKHEAD FITTINGS

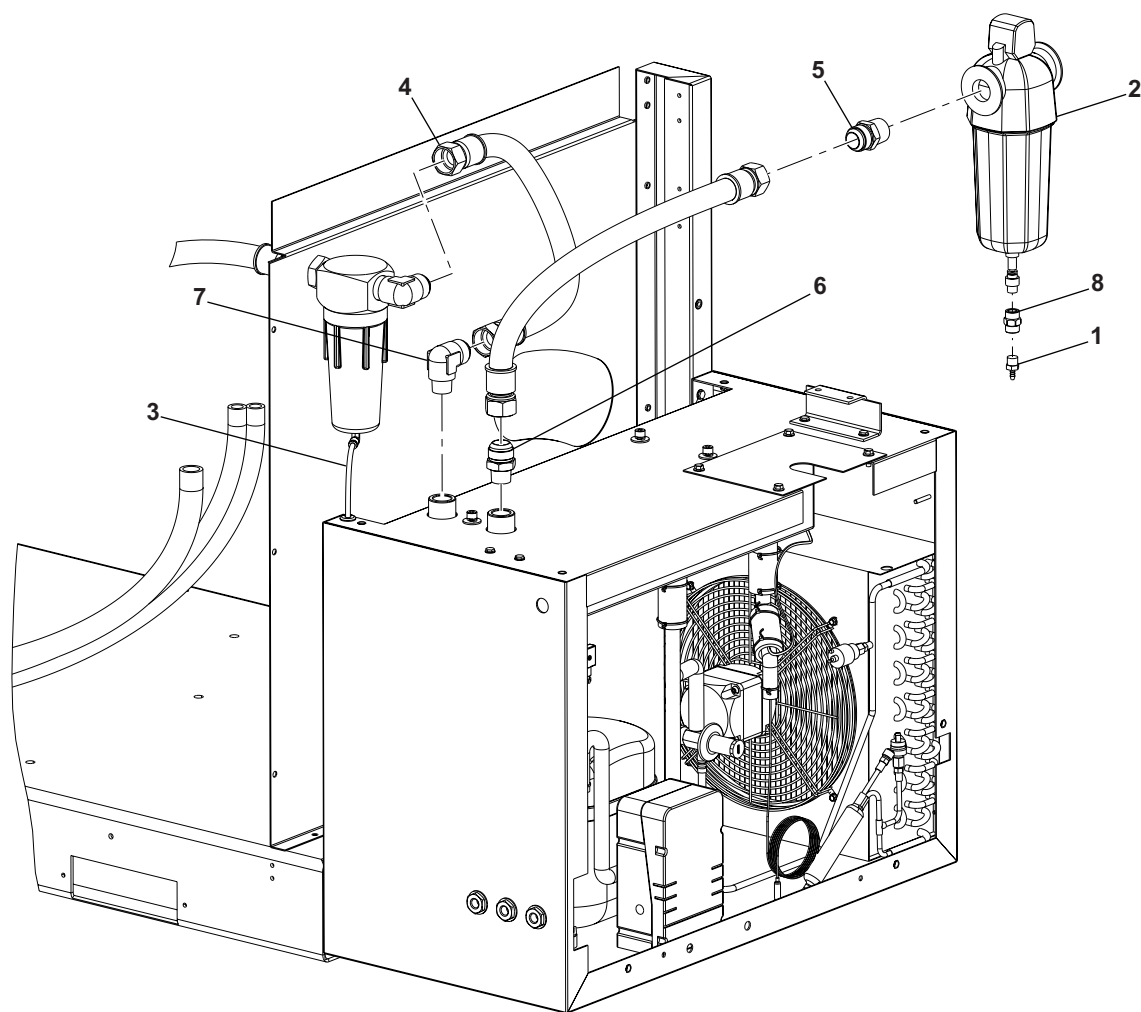
(Dwg. 22179618L15)

#### PARTS LIST

Item	Part No.	Description	Qty.
1	39124813	TUBING, 0.25" SYNDFLEX	1

## DRYER PIPING (W/O BYPASS) ASSEMBLY DRAWING AND PARTS LIST

### Assemble Air Filter And Piping



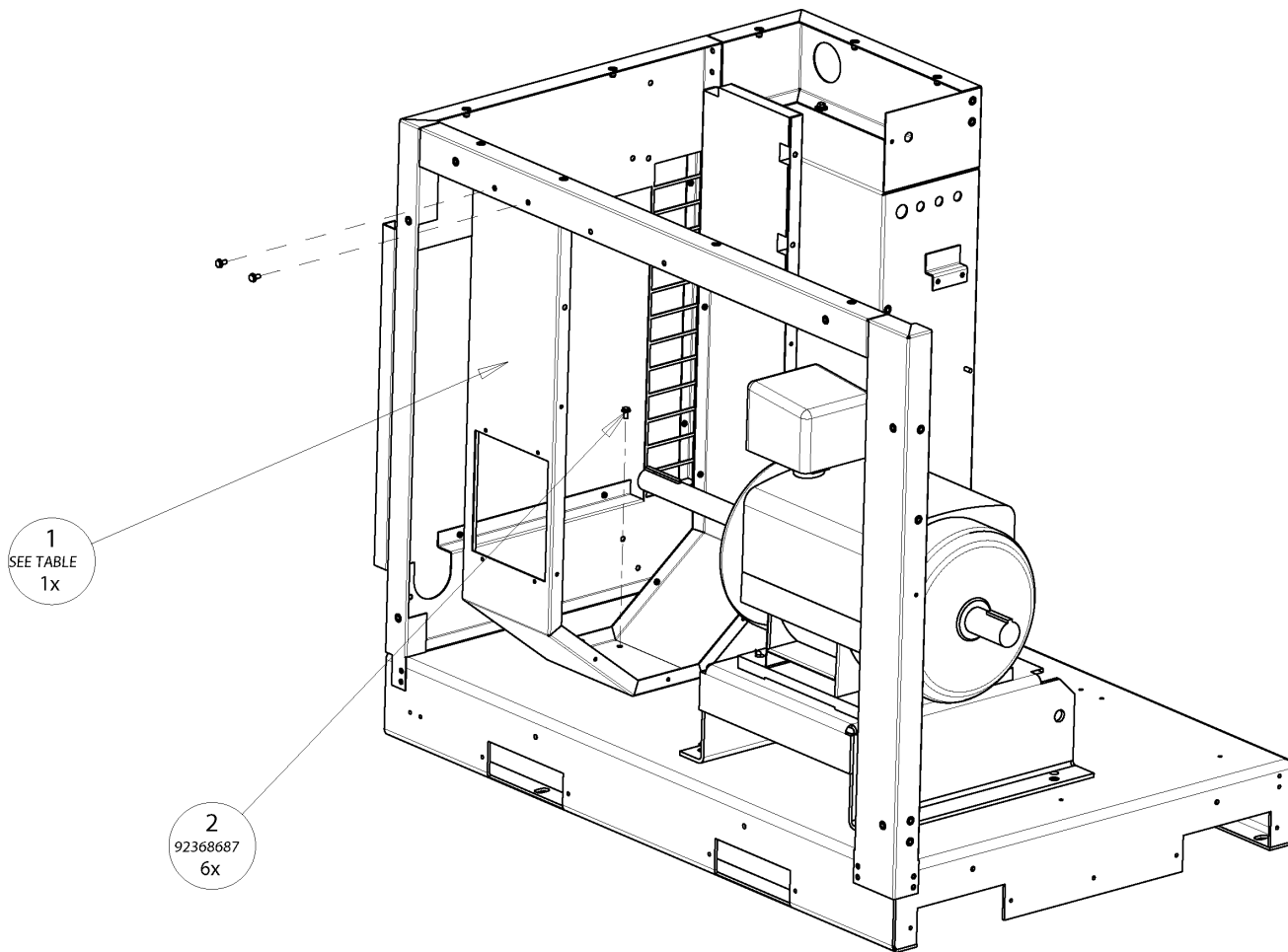
(Dwg. 24584484B8)

### PARTS LIST

Item	Part No.	Description	Qty.
1	22132971	CONNECTOR, 8MM TUBE	1
2	24233686	FILTER, (FA 230 IG) (F-CAST SERIES) (ELEMENT 24242141)	1
	85570588	FILTER, (DH IG) (ELIMINATOR SERIES) (ELEMENT 85565703)	625MM
3	39124813	TUBING	2
4	85561017	HOSE, HYDRAULIC	1
5	95937520	CONNECTOR, 1.00 TUBE X 1.00 NPT	1
6	95937538	CONNECTOR, 1.00 TUBE X .75 NPT	1
7	95937652	ELBOW	1
8	97271886	COUPLING	1

# PLENUM/FAN ASSEMBLY DRAWING AND PARTS LIST

## Assemble Blower Shroud Assembly



(Dwg. 22173975E2)

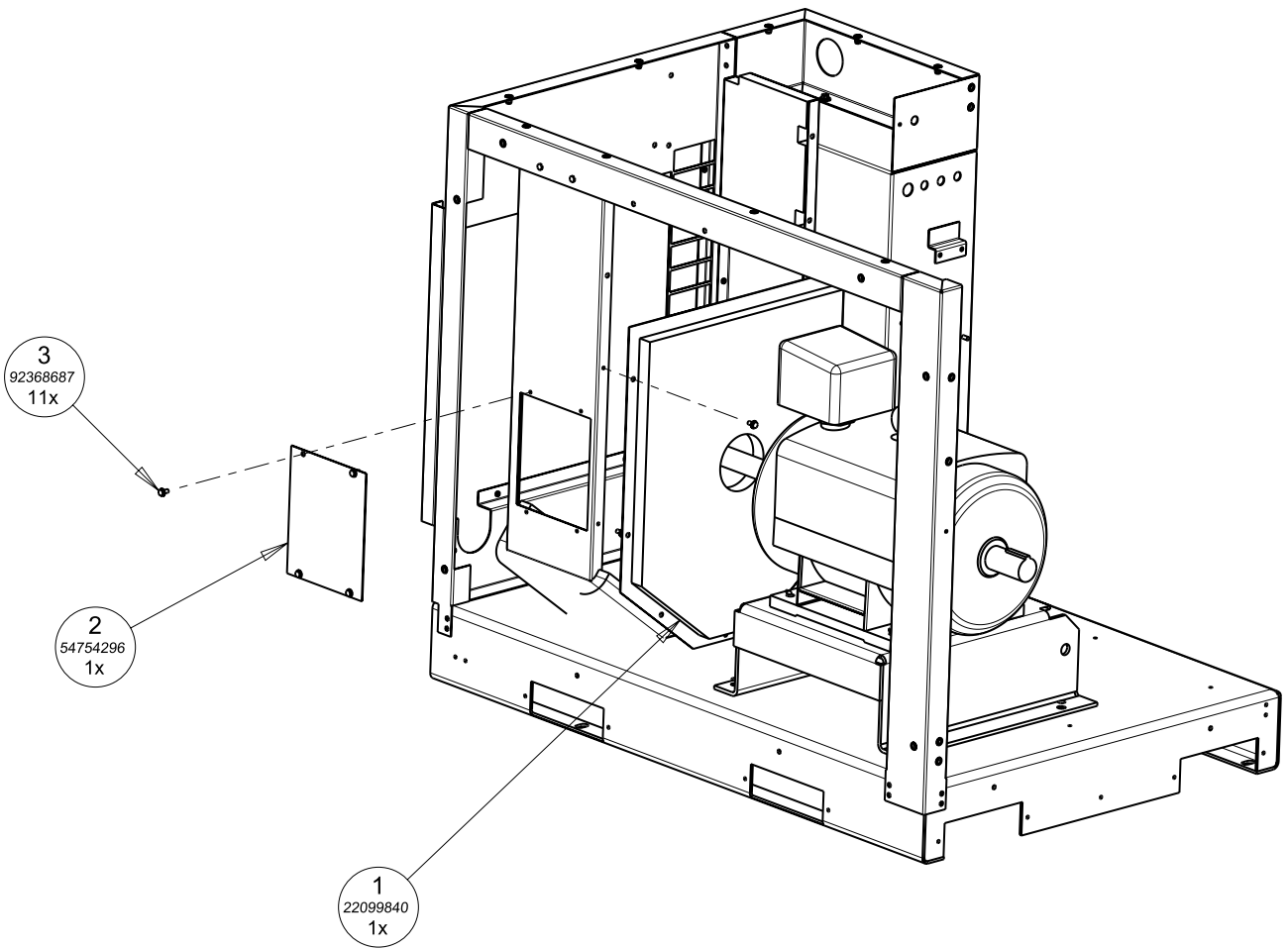
### PARTS LIST

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



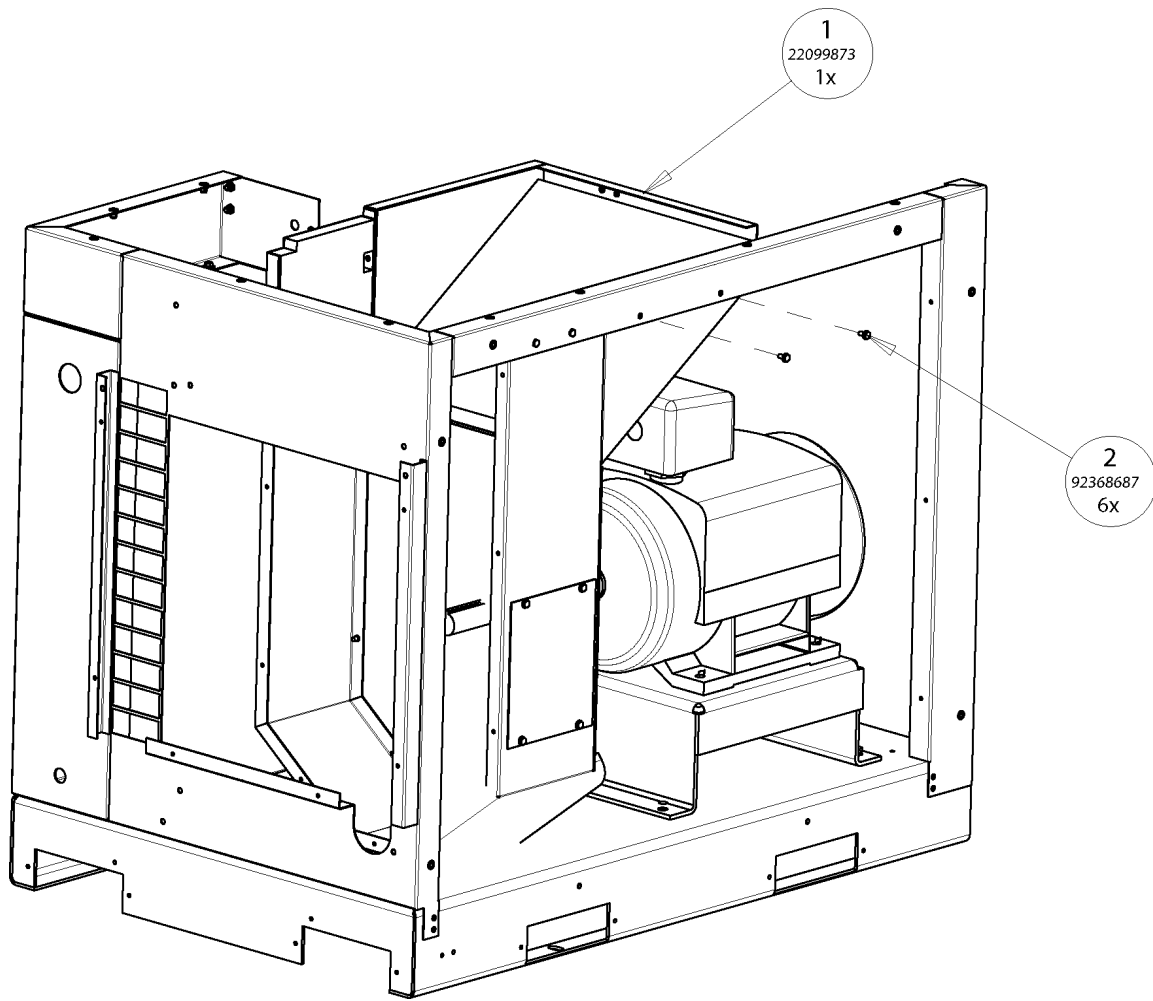
(Dwg. 22173975E3)

### PARTS LIST

Item	Part No.	Description	Qty.
1	22099840	ASSEMBLY, FAN COVERSHROUD	1
2	54754296	COVER, ACCESS BLOWER	1
3	92368687	TAPTITE SCREW M6 x 1 x 12 LG	11

**PLENUM/FAN ASSEMBLY DRAWING AND PARTS LIST**

**Assemble Exhaust Chute Assembly**



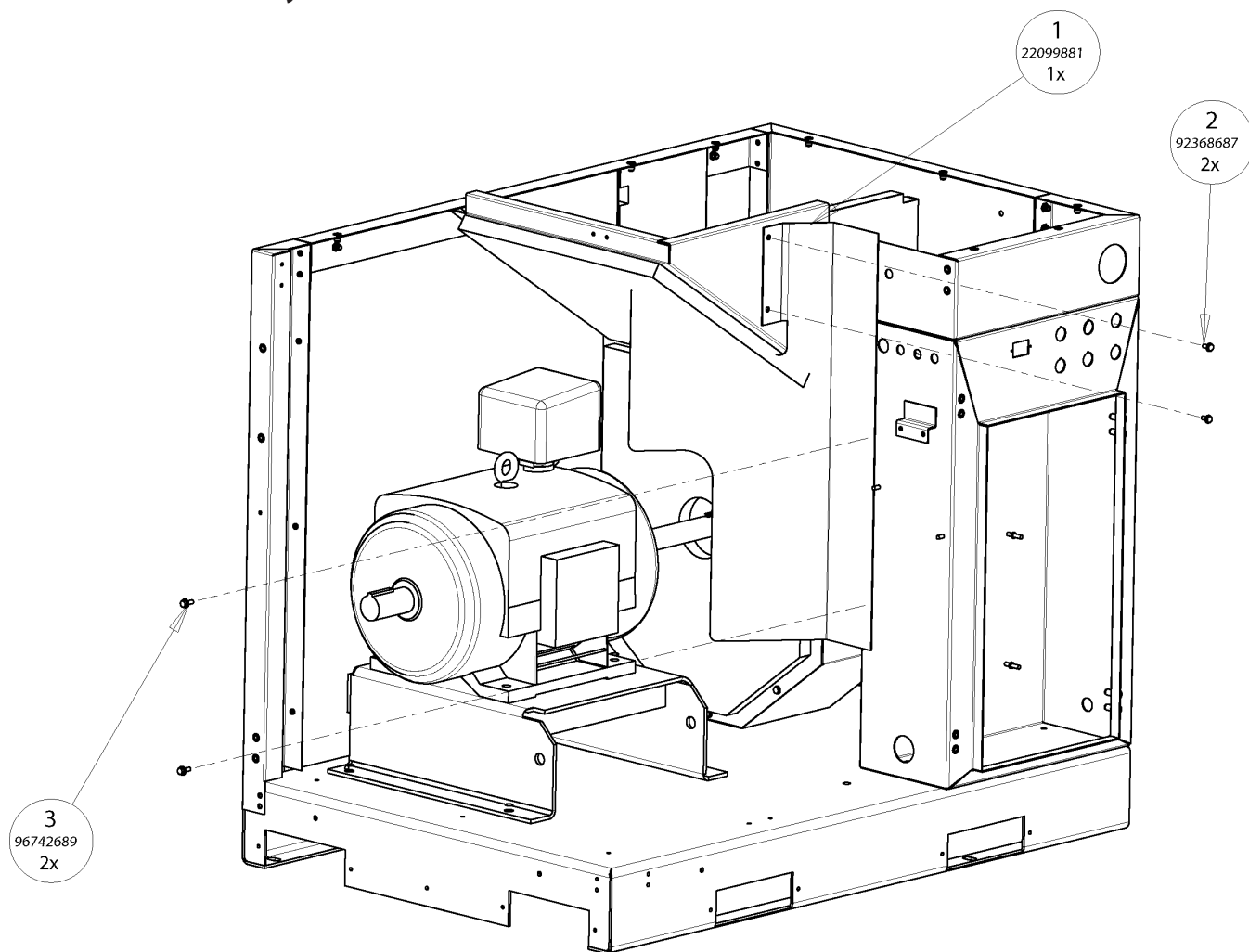
(Dwg. 22173975E4)

**PARTS LIST**

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

## PLENUM/FAN ASSEMBLY DRAWING AND PARTS LIST

### Assemble Baffle Assembly



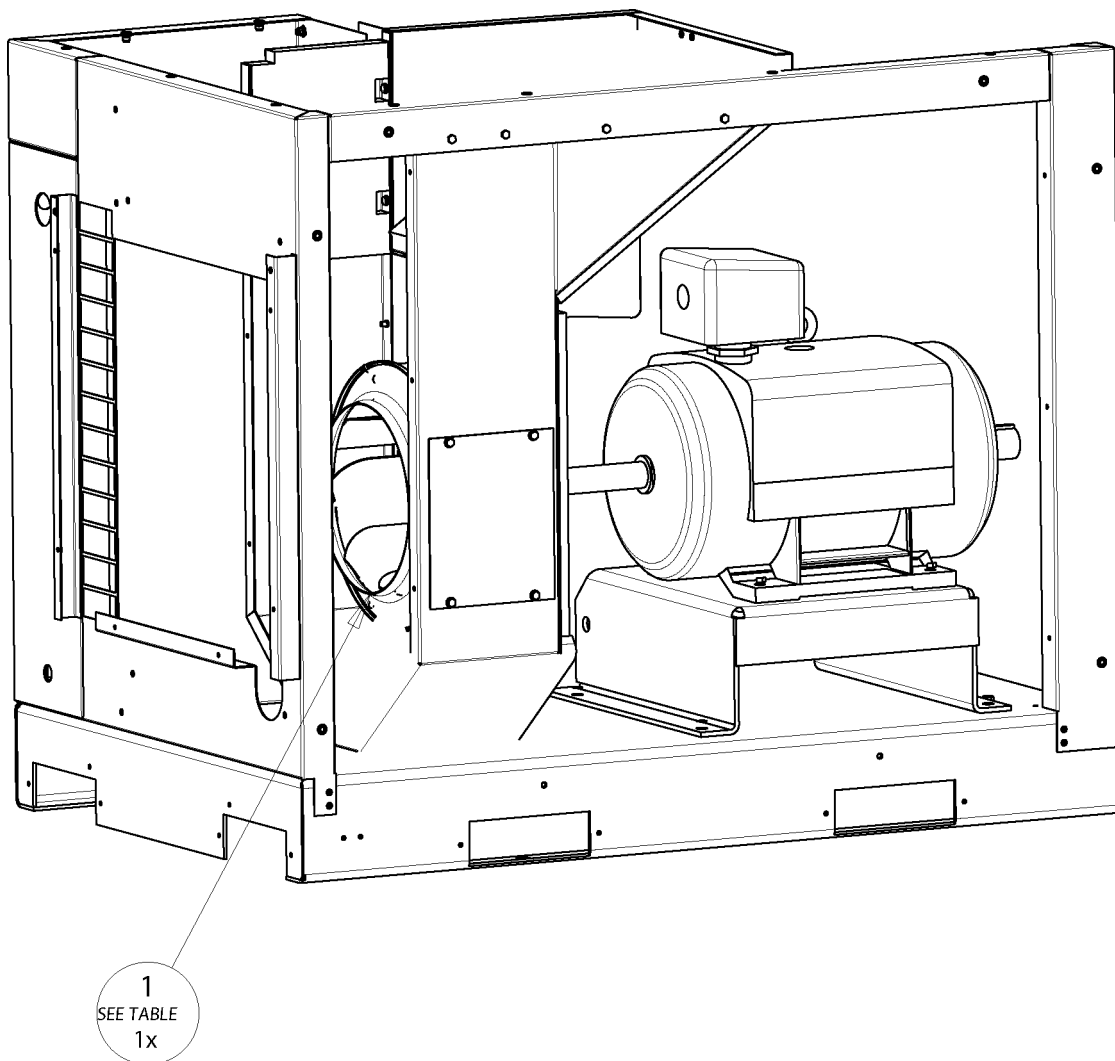
(Dwg. 22173975E5)

#### PARTS LIST

Item	Part No.	Description	Qty.
1	22099881	ASSEMBLY, BAFFLE	1
2	92368687	TAPTITE SCREW M6 x 1 x 12 LG	2
3	96742689	BOLT, HEX FLANGEM6-1.00 X 16.0 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

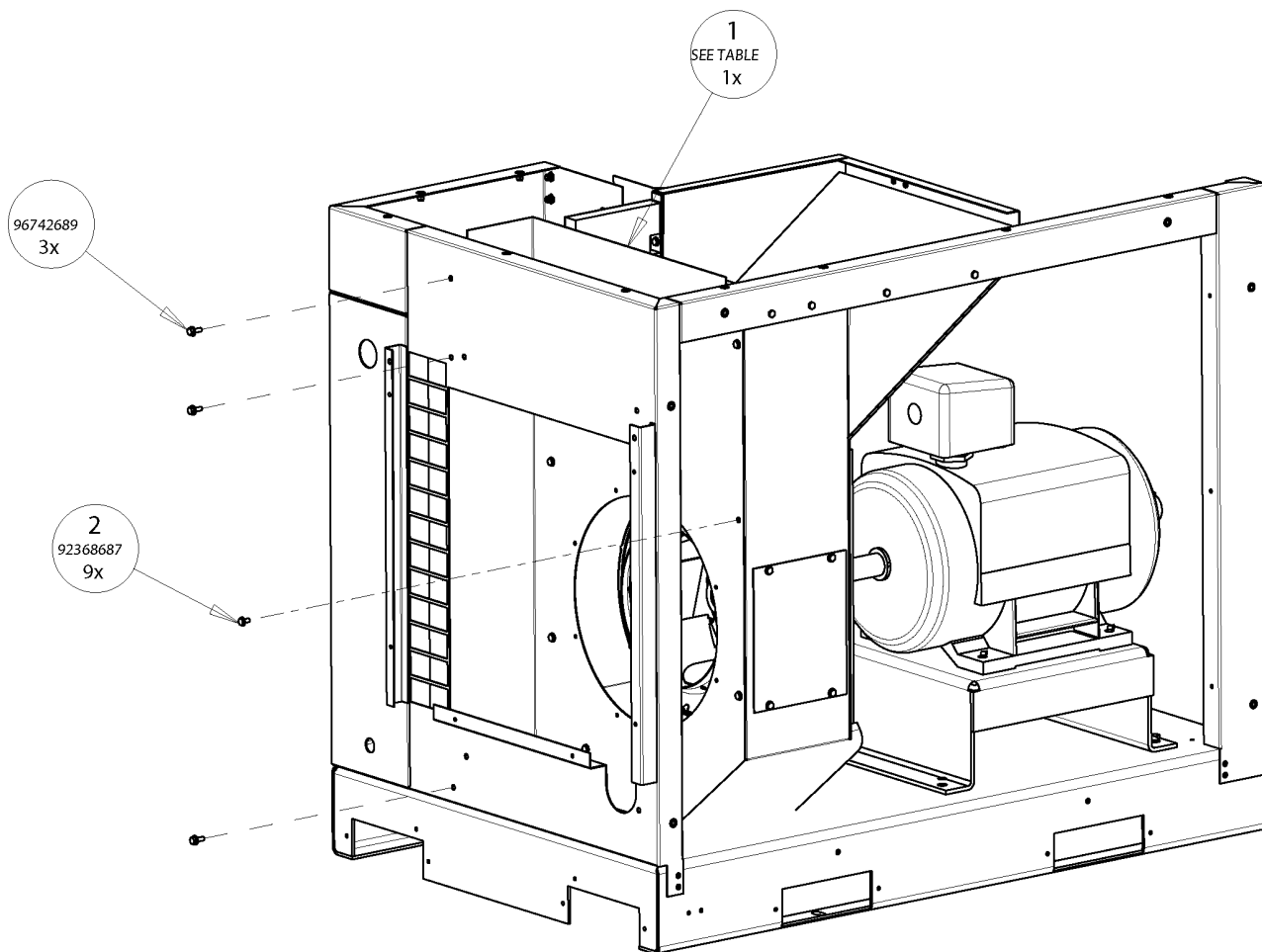
**NOTE**

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)

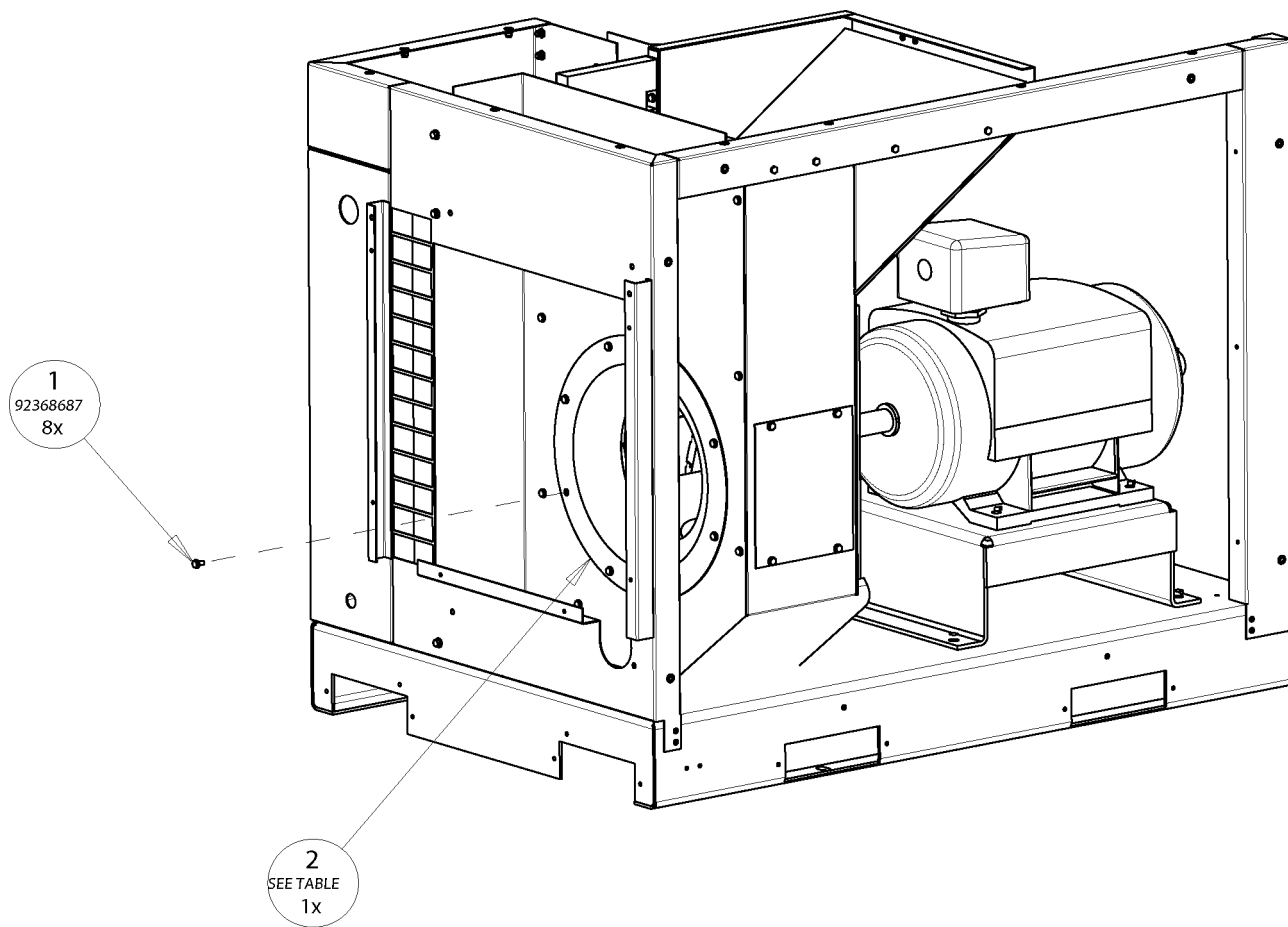
#### PARTS LIST

Item	Part No.	Description	Qty.
1	SEE TABLE	ASSEMBLY, PLENUM WALL	1
2	92368687	TAPTITE SCREW M6 x 1 x 12 LG	9
3	96742689	BOLT, HEX FLANGEM6-1.00 X 16.0 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)

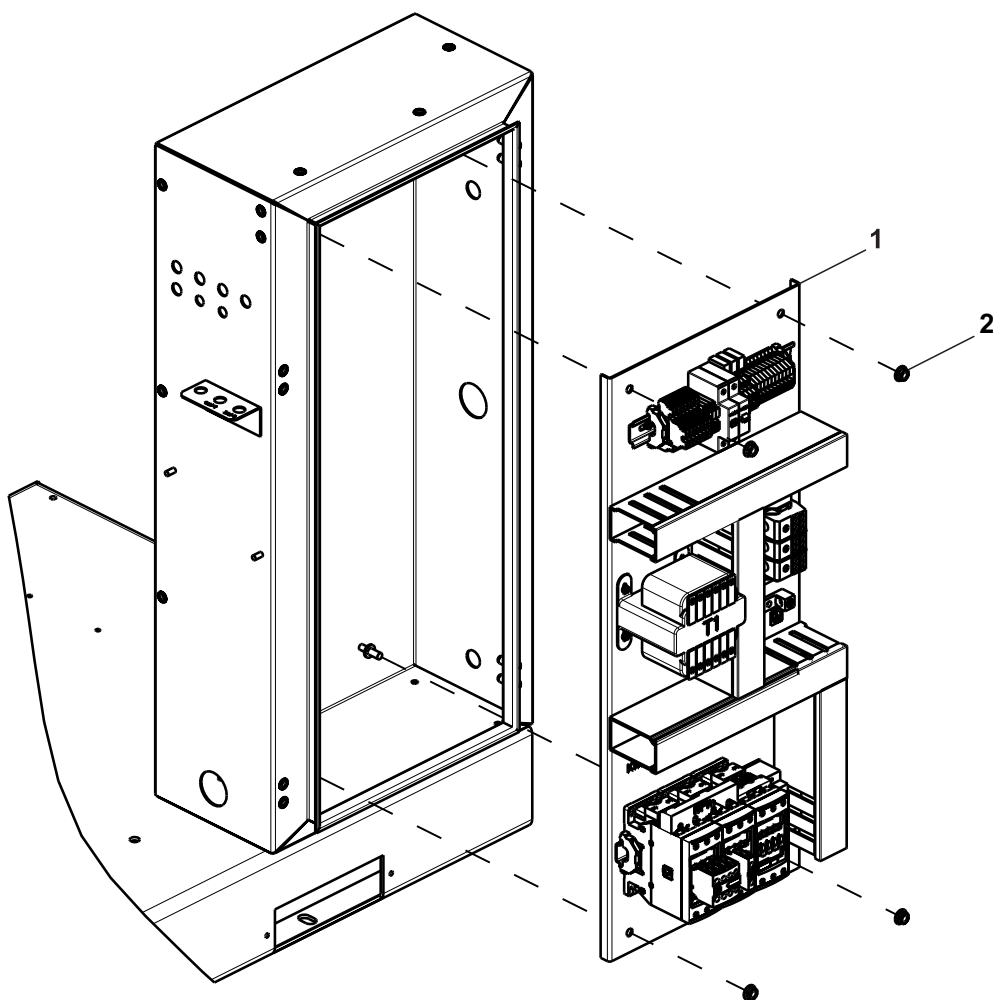
**PARTS LIST**

Item	Part No.	Description	Qty.
1	92368687	TAPTITE SCREW M6 x 1 x 12 LG	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. 48775118 B2)

### PARTS LIST

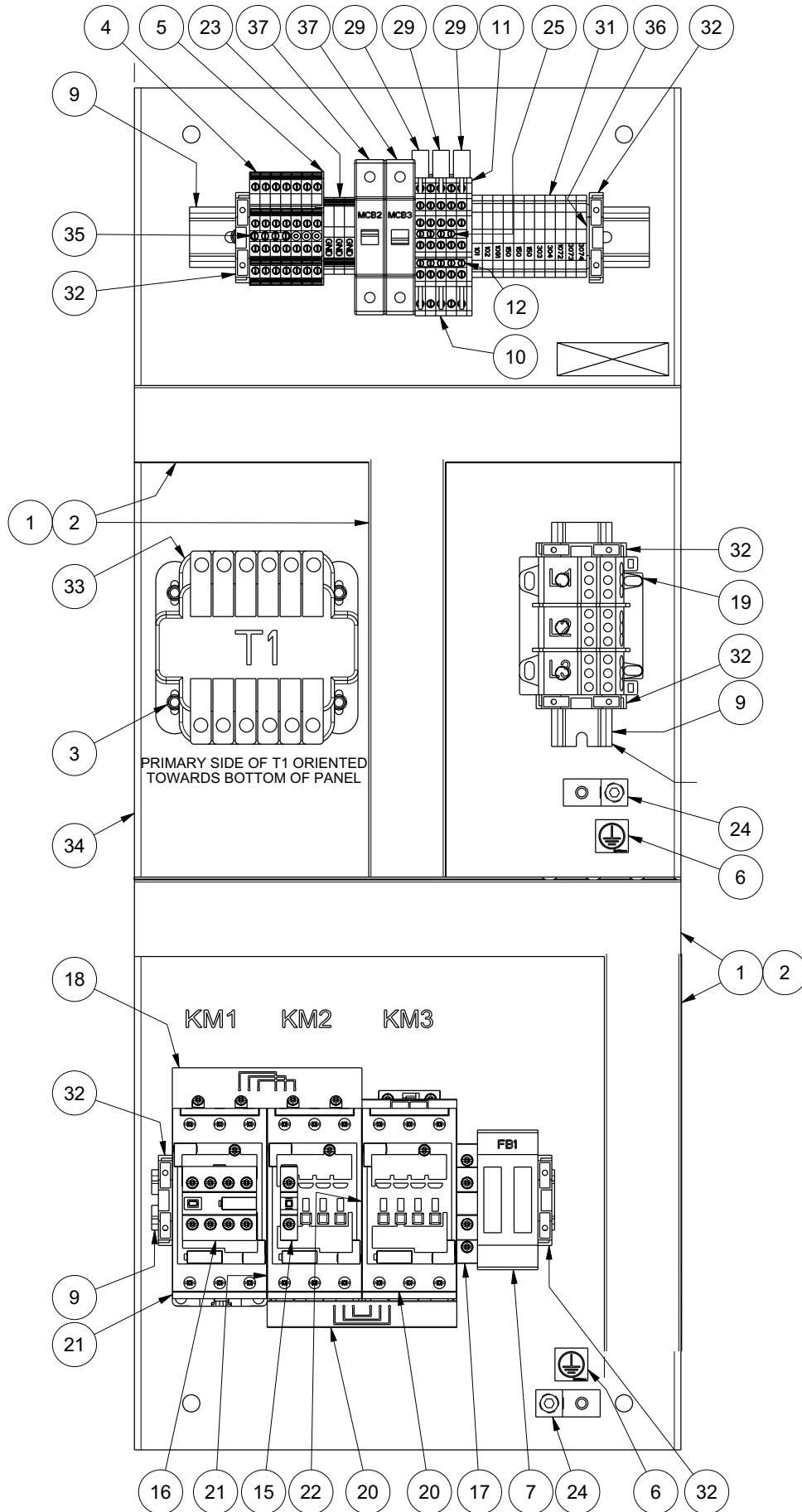
Item	Part No.	Description	Qty.
1	SEE TABLE	ASSEMBLY, STARTER (FS-SD)	1
2	96704416	NUT, HEX FLANGE LOCK	4

Table For Starter Assembly			
Application	Starter Assembly	Application	Starter Assembly
15HP 208-230/460V*	24748618	30HP 380V	24748634
15HP 380V	24748642	30HP 575V	24748618
15HP 575V	24748618	11KW 220V	24748634
20HP 208-230/460V*	24748618	11KW 380-400V	24748642
20HP 380V	24748642	15KW 220V	24748618
20HP 575V	24748618	15KW 380-400V	24748642
25HP 208-230/460V*	24748618	18KW 220V	24748618
25HP 380V	24748634	18KW 380-400V	24748634
25HP 575V	24748618	22KW 220V	24694697
30HP 208-230/460V*	24694697	22KW 380-400V	24748634

\* Tri-Voltage

# STARTER 24694697 ASSEMBLY DRAWING

Assemble Starter



(Dwg. 24694697C)

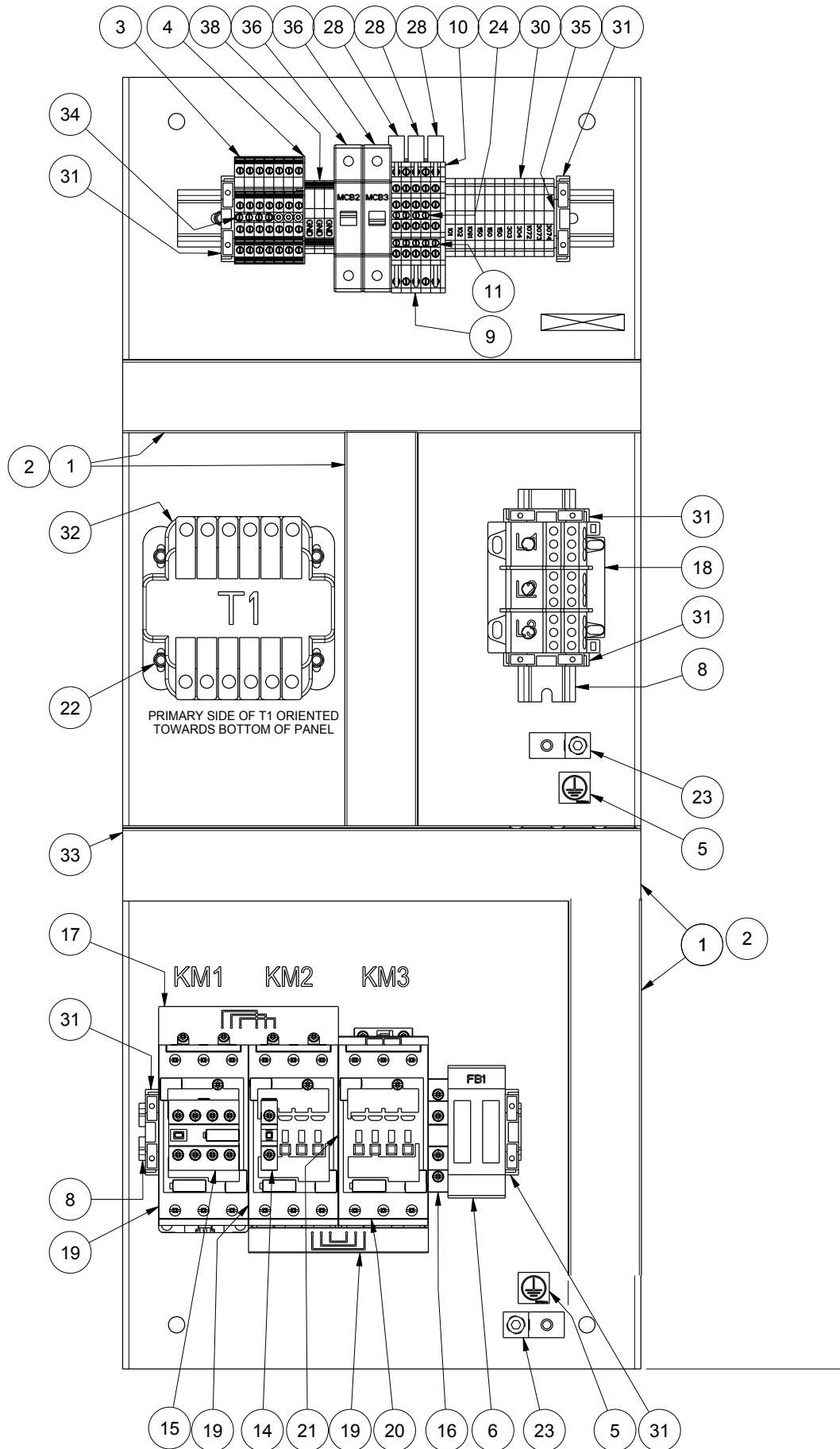
**STARTER 24694697 ASSEMBLY PARTS LIST****PARTS LIST**

<b>Item</b>	<b>Part No.</b>	<b>Description</b>	<b>Qty.</b>
1	22101190	DUCT, WIRING, 1.5 IN. X 3 IN.	1105 MM
2	22101216	COVER, WIRING DUCT, 1.5 IN.	1105MM
3	96751722	SCREW, TAPPING HEX WASHER HEAD M4X 10.00 LONG	20
4	22274831	BLOCK, TERMINAL, 2-LEVEL	7
5	22274864	END SECTION, TERMINAL BLOCK 2-LEVEL	1
6	22477244	DECAL, GROUND SYMBOL	2
7	22505788	HOLDER, FUSE 2-POLE (FINGER SAFE)	1
8	22510481	FUSE, TIME DELAY, CLASS CC, 1A, 600V, 200KAIC	2
9	23464530	RAIL, 35 MM DIN	652 MM
10	23769409	BLOCK, TERMINAL 3-LEVEL W/ GROUND	5
11	23769425	BLOCK, TERMINAL END SECTION, 3-LEVEL	1
12	23769458	BLOCK, TERMINAL JUMPER, 5-POLE	1
13	23990716	SWITCH, EMERGENCY STOP	1
14	24278004	PLUG, 9 POSITION	1
15	24474124	CONTACT, AUX 1N/C FRONT MOUNT (ABB P/N CA4-01)	1
16	24474165	CONTACT, AUX 2N/O, 2N/C FRONT MOUNT (ABB P/N CA4-22E)	1
17	24474173	CONTACT, AUX 1N/O, 1N/C SIDE MOUNT (ABB P/N CAL4-11)	1
18	24738908	KIT, CONNECTION, YD STARTERS (ABB BEY65-4)	1
19	49126857	BLOCK, DISTRIBUTION TERMINAL 3 POLE, 175 AMP	1
20	24738924	CONTACTOR, 52A, 0 AUX CONT	1
21	24738932	CONTACTOR, 65A, 0 AUX CONT	2
22	24738957	INTERLOCK, MECHANICAL (ABB VM96-4)	1
23	93469633	TERMINAL, EARTH M4/6.P	3
24	32342123	LUG, POWER GROUNDING	2
25	24748659	JUMPER, TERMINAL BLOCK, 2 POLE (ABB 0178 024.25)	2
26	39186093	PLUG, 6 POSITION	1
27	39186101	PLUG, 4 POSITION	3
28	39191630	PLUG, 5 POSITION	1
29	39203443	SUPPRESSOR, ARC	3
30	39242367	PLUG, 2 POSITION	1
31	39252903	BLOCK, TERMINAL	11
32	39252937	STOP, DIN RAIL N37-75	6
33	39475967	TRANSFORMER, CONTROL	1
34	48775845	PANEL, STARTER BACK	1
35	49171705	JUMPER, 4 POLE	1
36	54612940	TERMINAL, END PLATE	1
37	54689856	BREAKER, CIRCUIT	2
38	85036812	FUSE, TIME DELAY, CLASS CC, 2A, 600V, 200KAIC	2
**	24739559	SENSOR, CURRENT, 100A (UL)	3
**	24741787	SENSOR, CURRENT, 40A (UL)	3
**	22233324	WIRE, NO. 3 AWG (600 VOLT BLACK)	A/R

**	NOT ILLUSTRATED
A/R	AS REQUIRED

# STARTER 24748618 ASSEMBLY DRAWING

Assemble Starter



(Dwg.24748618C)

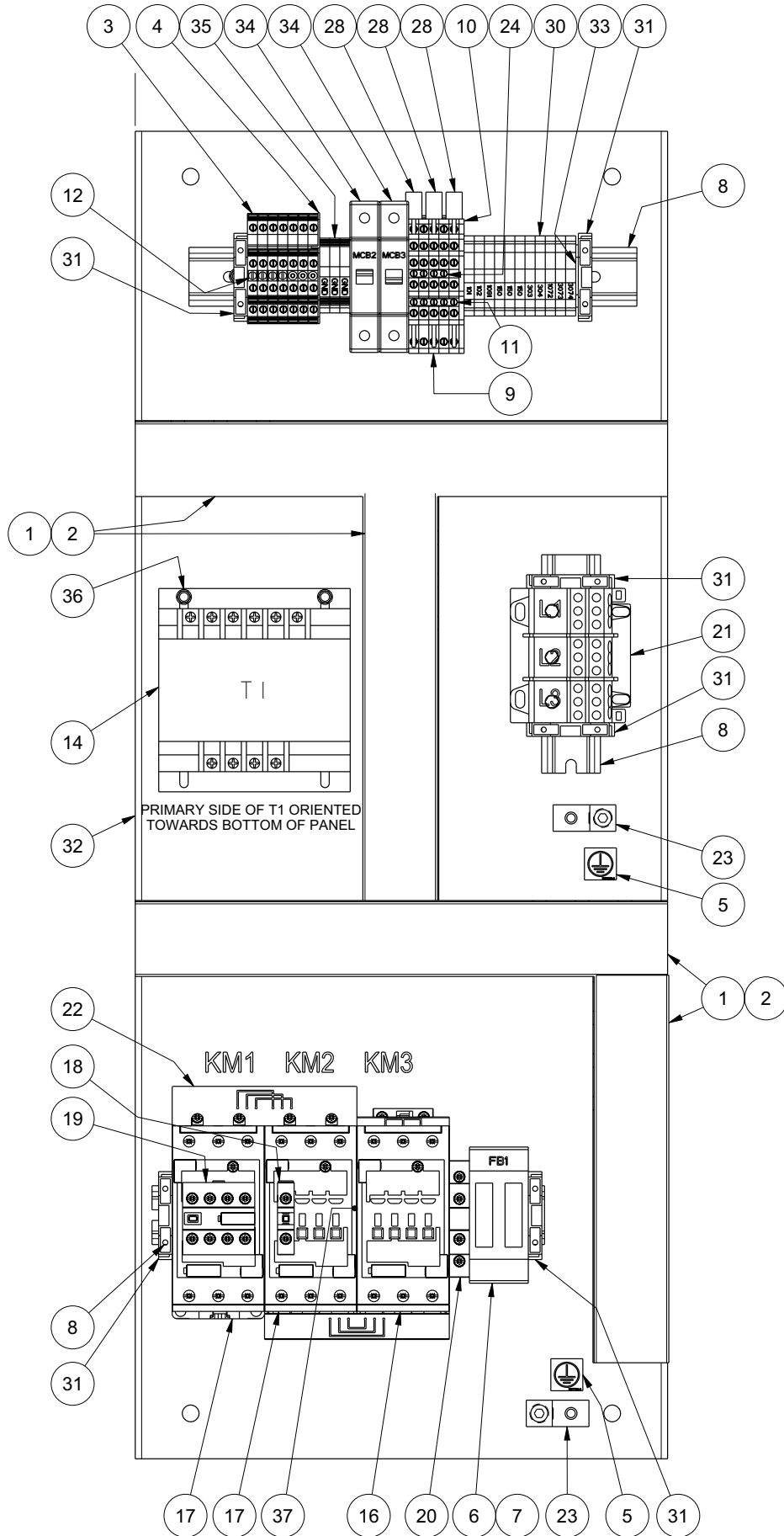
**STARTER 24748618 ASSEMBLY PARTS LIST****PARTS LIST**

Item	Part No.	Description	Qty.
1	22101190	DUCT, WIRING, 1.5 IN. X 3 IN.	1105 MM
2	22101216	COVER, WIRING DUCT, 1.5 IN.	1105 MM
3	22274831	BLOCK, TERMINAL, 2-LEVEL	7
4	22274864	END SECTION, TERMINAL BLOCK 2-LEVEL	1
5	22477244	DECAL, GROUND SYMBOL	2
6	22505788	HOLDER, FUSE 2-POLE (FINGER SAFE)	1
7	22510481	FUSE, TIME DELAY, CLASS CC, 1A, 600V, 200KAIC	2
8	23464530	RAIL, 35 MM DIN	652 MM
9	23769409	BLOCK, TERMINAL 3-LEVEL W/ GROUND	5
10	23769425	BLOCK, TERMINAL END SECTION, 3-LEVEL	1
11	23769458	BLOCK, TERMINAL JUMPER, 5-POLE	1
12	23990716	SWITCH, EMERGENCY STOP	1
13	24278004	PLUG, 9 POSITION	1
14	24474124	CONTACT, AUX 1N/C FRONT MOUNT (ABB P/N CA4-01)	1
15	24474165	CONTACT, AUX 2N/O, 2N/C FRONT MOUNT (ABB P/N CA4-22E)	1
16	24474173	CONTACT, AUX 1N/O, 1N/C SIDE MOUNT (ABB P/N CAL4-11)	1
17	24738908	KIT, CONNECTION, YD STARTERS (ABB BEY65-4)	1
18	49126857	BLOCK, DISTRIBUTION TERMINAL 3 POLE, 175 AMP	1
19	24738924	CONTACTOR, 52A, 0 AUX CONT	2
20	24738940	CONTACTOR, 40A, 0 AUX CONT	1
21	24738957	INTERLOCK, MECHANICAL (ABB VM96-4)	1
22	96751722	SCREW, TAPPING HEX WASHER HEAD M4X 10.00 LONG	20
23	32342123	LUG, POWER GROUNDING	2
24	24748659	JUMPER, TERMINAL BLOCK, 2 POLE (ABB 0178 024.25)	2
25	39186093	PLUG, 6 POSITION	1
26	39186101	PLUG, 4 POSITION	3
27	39191630	PLUG, 5 POSITION	1
28	39203443	SUPPRESSOR, ARC	3
29	39242367	PLUG, 2 POSITION	1
30	39252903	BLOCK, TERMINAL	11
31	39252937	STOP, DIN RAIL N37-75	6
32	39475967	TRANSFORMER, CONTROL	1
33	48775845	PANEL, STARTER BACK	1
34	49171705	JUMPER, 4 POLE	1
35	54612940	TERMINAL, END PLATE	1
36	54689856	BREAKER, CIRCUIT	2
37	85036812	FUSE, TIME DELAY, CLASS CC, 2A, 600V, 200KAIC	2
38	93469633	TERMINAL, EARTH M4/6.P	3
**	24739559	SENSOR, CURRENT, 100A (UL)	3
**	24741787	SENSOR, CURRENT, 40A (UL)	3
**	47596980001	WIRE, #4 AWG - 600V BLACK (MTW / TEW)	A/R

**	NOT ILLUSTRATED
A/R	AS REQUIRED

# STARTER 24748634 ASSEMBLY DRAWING

## Assemble Starter



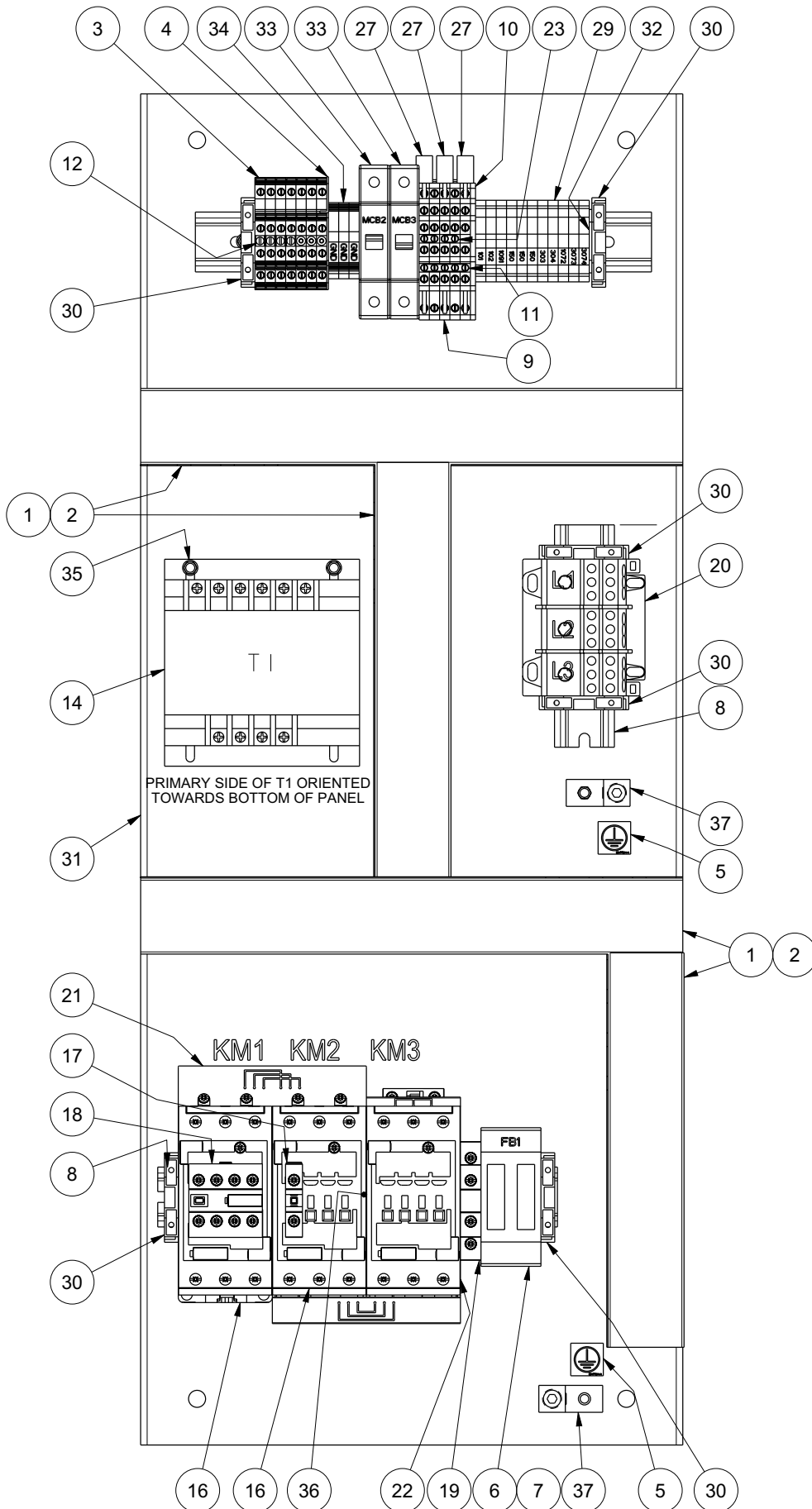
**STARTER 24748634 ASSEMBLY PARTS LIST****PARTS LIST**

Item	Part No.	Description	Qty.
1	22101190	DUCT, WIRING, 1.5 IN. X 3 IN.	1105 MM
2	22101216	COVER, WIRING DUCT, 1.5 IN.	1105 MM
3	22274831	BLOCK, TERMINAL, 2-LEVEL	7
4	22274864	END SECTION, TERMINAL BLOCK 2-LEVEL	1
5	22477244	DECAL, GROUND SYMBOL	2
6	22505788	HOLDER, FUSE 2-POLE (FINGER SAFE)	1
7	85036812	FUSE, TIME DELAY, CLASS CC, 2A, 600V, 200KAIC	2
8	23464530	RAIL, 35 MM DIN	652 MM
9	23769409	BLOCK, TERMINAL 3-LEVEL W/ GROUND	5
10	23769425	BLOCK, TERMINAL END SECTION, 3-LEVEL	1
11	23769458	BLOCK, TERMINAL JUMPER, 5-POLE	1
12	23896426	JUMPER, 4 POLE	1
13	23990716	SWITCH, EMERGENCY STOP	1
14	47551404001	TRANSFORMER, CONTROL 380V/60HZ	1
15	24278004	PLUG, 9 POSITION	1
16	24738940	CONTACTOR, 40A, 0 AUX CONT	1
17	24738924	CONTACTOR, 52A, 0 AUX CONT	2
18	24474124	CONTACT, AUX 1N/C FRONT MOUNT (ABB P/N CA4-01)	1
19	24474165	CONTACT, AUX 2N/O, 2N/C FRONT MOUNT (ABB P/N CA4-22E)	1
20	24474173	CONTACT, AUX 1N/O, 1N/C SIDE MOUNT (ABB P/N CAL4-11)	1
21	49126857	BLOCK, DISTRIBUTION TERMINAL 3 POLE, 175 AMP	1
22	24738908	KIT, CONNECTION, YD STARTERS (ABB BEY65-4)	1
23	32342123	LUG, POWER GROUNDING	2
24	24748659	JUMPER, TERMINAL BLOCK, 2 POLE (ABB 0178 024.25)	2
25	39186093	PLUG, 6 POSITION	1
26	39186101	PLUG, 4 POSITION	3
27	39191630	PLUG, 5 POSITION	1
28	39203443	SUPPRESSOR, ARC	3
29	39242367	PLUG, 2 POSITION	1
30	39252903	BLOCK, TERMINAL	11
31	39252937	STOP, DIN RAIL N37-75	6
32	48775845	PANEL, STARTER BACK	1
33	54612940	TERMINAL, END PLATE	1
34	54689856	BREAKER, CIRCUIT	2
35	93469633	TERMINAL, EARTH M4/6.P	3
36	96751722	SCREW, TAPPING HEX WASHER HEAD M4X 10.00 LONG	20
37	24738957	INTERLOCK, MECHANICAL (ABB VM96-4)	1
**	24741787	SENSOR, CURRENT, 40A (UL)	3

**	NOT ILLUSTRATED
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# STARTER 24748642 ASSEMBLY DRAWING

## Assemble Starter



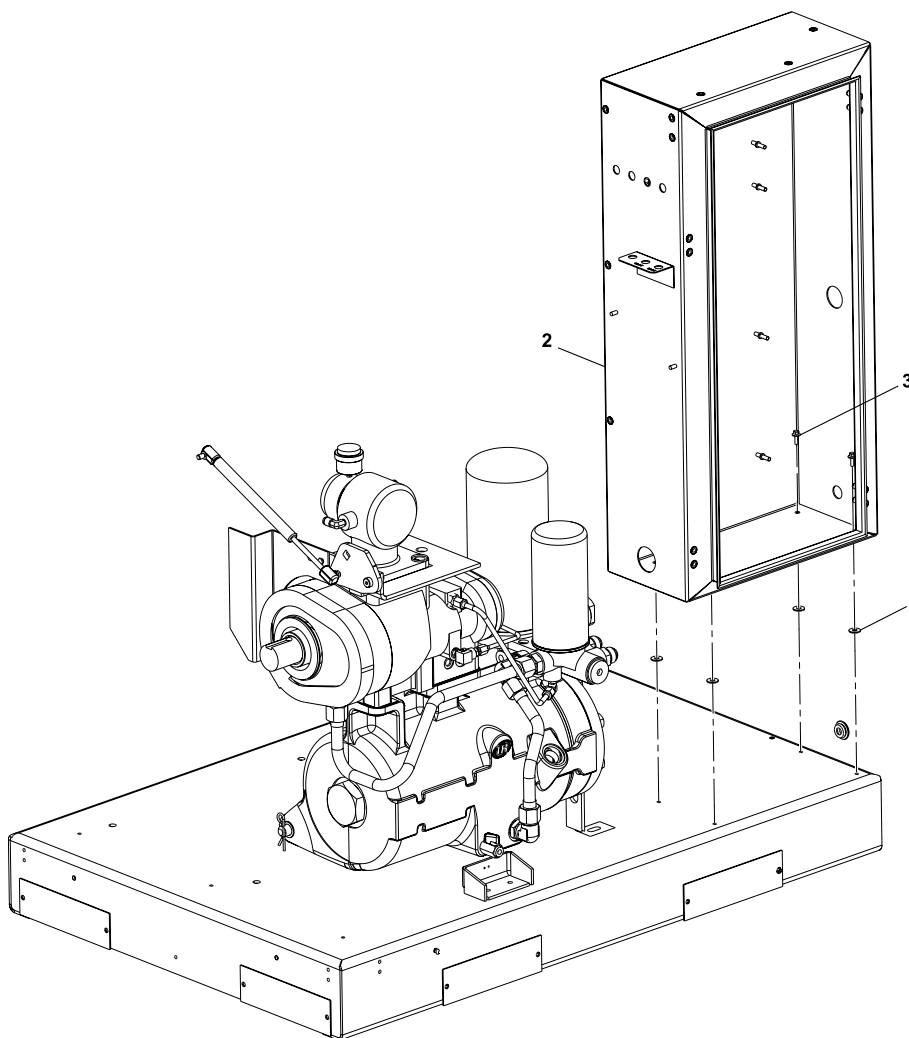
**STARTER 24748642 ASSEMBLY PARTS LIST****PARTS LIST**

<b>Item</b>	<b>Part No.</b>	<b>Description</b>	<b>Qty.</b>
1	22101190	DUCT, WIRING, 1.5 IN. X 3 IN.	1105 MM
2	22101216	COVER, WIRING DUCT, 1.5 IN.	1105 MM
3	22274831	BLOCK, TERMINAL, 2-LEVEL	7
4	22274864	END SECTION, TERMINAL BLOCK 2-LEVEL	1
5	22477244	DECAL, GROUND SYMBOL	2
6	22505788	HOLDER, FUSE 2-POLE (FINGER SAFE)	1
7	85036812	FUSE, TIME DELAY, CLASS CC, 2A, 600V, 200KAIC	2
8	23464530	RAIL, 35 MM DIN	652 MM
9	23769409	BLOCK, TERMINAL 3-LEVEL W/ GROUND	5
10	23769425	BLOCK, TERMINAL END SECTION, 3-LEVEL	1
11	23769458	BLOCK, TERMINAL JUMPER, 5-POLE	1
12	23896426	JUMPER, 4 POLE	1
13	23990716	SWITCH, EMERGENCY STOP	1
14	47551404001	TRANSFORMER, CONTROL 380V/60HZ	1
15	24278004	PLUG, 9 POSITION	1
16	24738924	CONTACTOR, 52A, 0 AUX CONT	2
17	24474124	CONTACT, AUX 1N/C FRONT MOUNT (ABB P/N CA4-01)	1
18	24474165	CONTACT, AUX 2N/O, 2N/C FRONT MOUNT (ABB P/N CA4-22E)	1
19	24474173	CONTACT, AUX 1N/O, 1N/C SIDE MOUNT (ABB P/N CAL4-11)	1
20	49126857	BLOCK, DISTRIBUTION TERMINAL 3 POLE, 175 AMP	1
21	24738908	KIT, CONNECTION, YD STARTERS (ABB BEY65-4)	1
22	24738940	CONTACTOR, 40A, 0 AUX CONT	1
23	24748659	JUMPER, TERMINAL BLOCK, 2 POLE (ABB 0178 024.25)	2
24	39186093	PLUG, 6 POSITION	1
25	39186101	PLUG, 4 POSITION	3
26	39191630	PLUG, 5 POSITION	1
27	39203443	SUPPRESSOR, ARC	3
28	39242367	PLUG, 2 POSITION	1
29	39252903	BLOCK, TERMINAL	11
30	39252937	STOP, DIN RAIL N37-75	6
31	48775845	PANEL, STARTER BACK	1
32	54612940	TERMINAL, END PLATE	1
33	54689856	BREAKER, CIRCUIT	2
34	93469633	TERMINAL, EARTH M4/6.P	3
35	96751722	SCREW, TAPPING HEX WASHER HEAD M4X 10.00 LONG	20
36	24738957	INTERLOCK, MECHANICAL (ABB VM96-4)	1
37	32342123	LUG, POWER GROUNDING	2
**	24741787	SENSOR, CURRENT, 40A (UL)	3

**	NOT ILLUSTRATED
----	-----------------

## STARTER BOX ASSEMBLY DRAWING AND PARTS LIST

Assemble Starter Box to Base



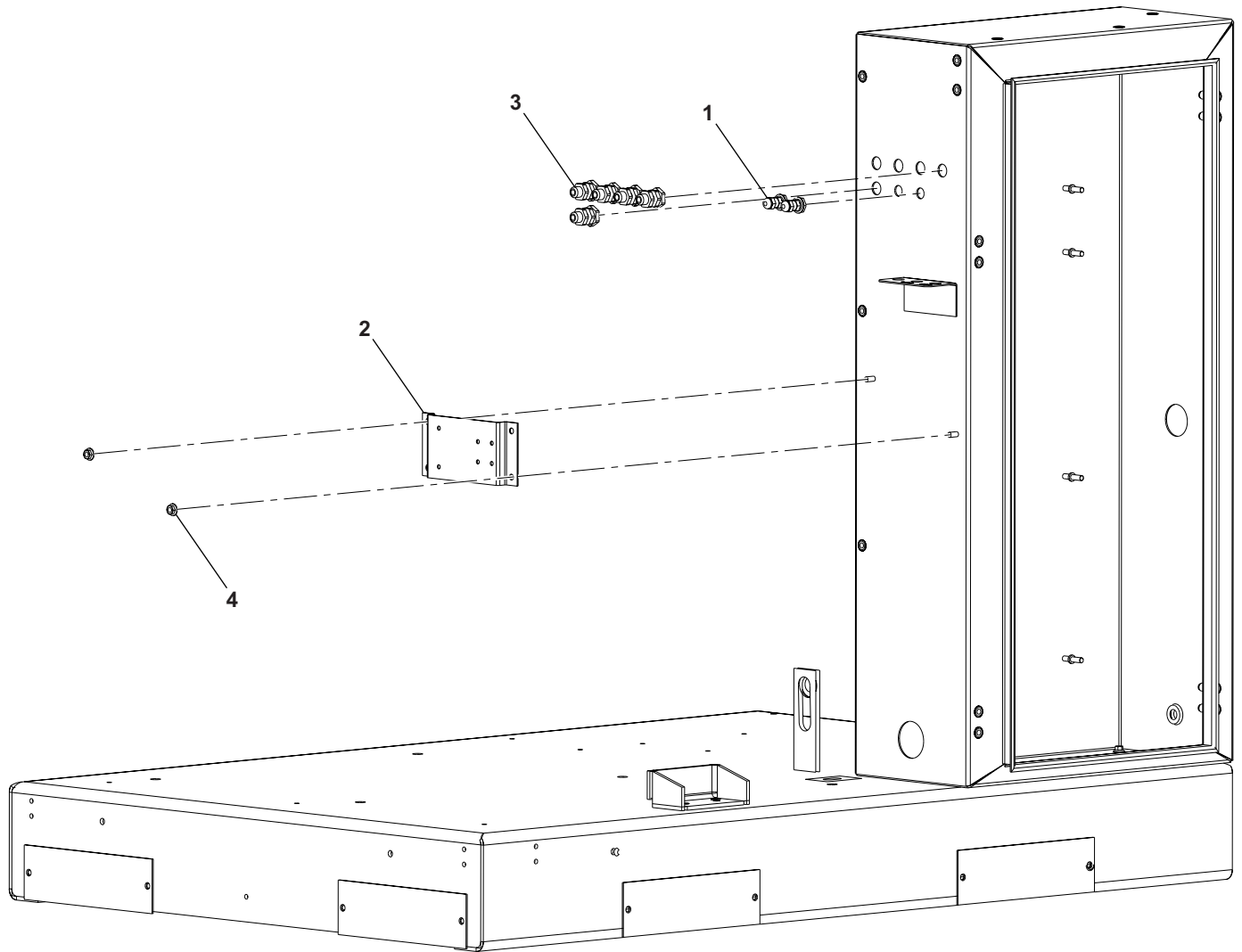
(Dwg. 48775126C2)

### PARTS LIST

Item	Part No.	Description	Qty.
1	22160030	WASHER, NEOPRENE	4
2	24746588	60 HERTZ - STARTER BOX	1
	24746786	50 HERTZ - STARTER BOX	1
3	39917489	SCREW, HEX HEAD	4

# STARTER BOX ASSEMBLY DRAWING AND PARTS LIST

## Assemble Cable Glands and Solenoid Brackets



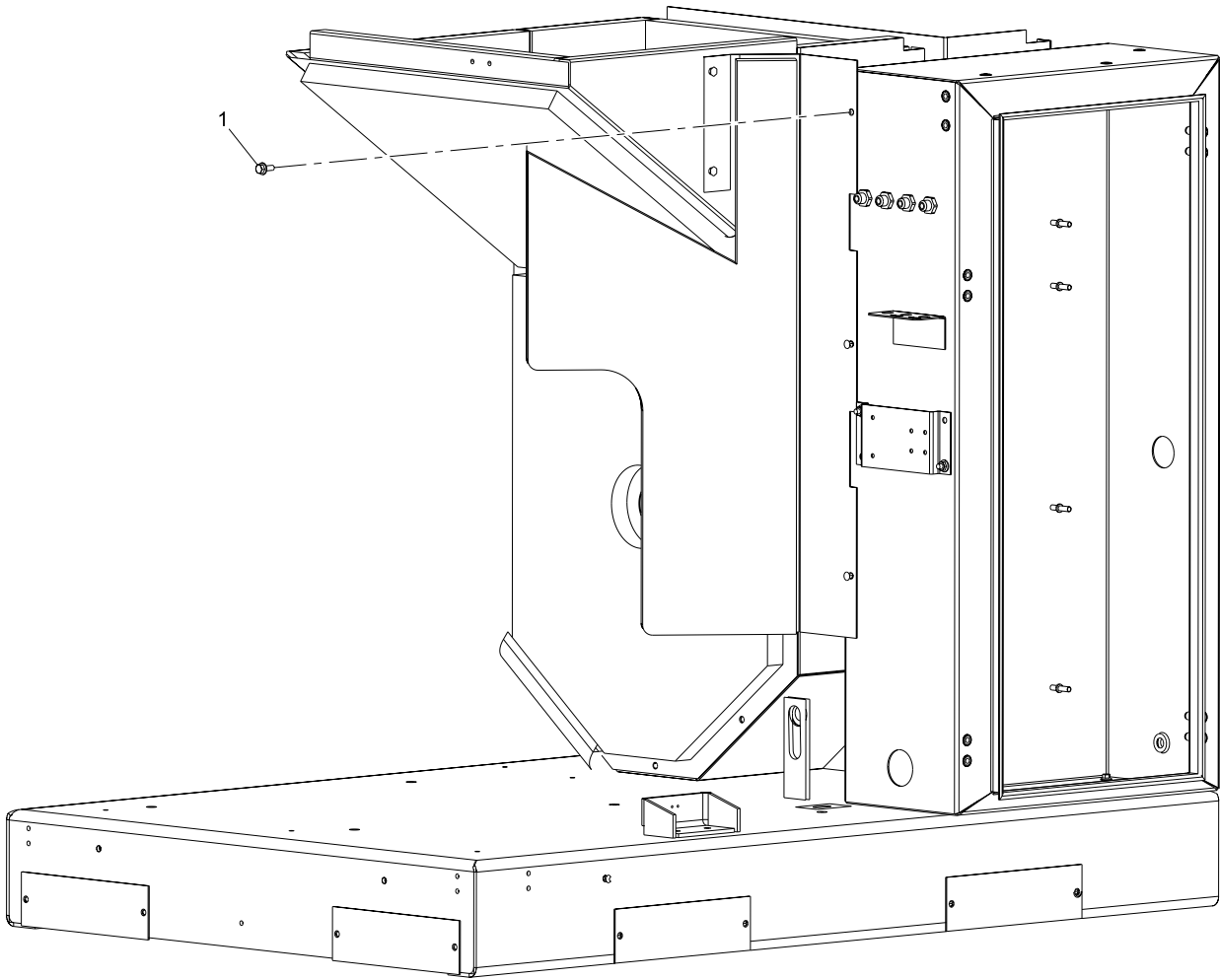
(Dwg. 48775126C3)

### PARTS LIST

Item	Part No.	Description	Qty.
1	23547763	GLAND, WIRE WITH LOCKING NUT	2
2	54755426	BRACKET, SOLENOID	1
3	92877018	GLAND, CABLE	4
4	96737564	NUT, HEX FLANGE LOCK	2

# STARTER BOX ASSEMBLY DRAWING AND PARTS LIST

Assemble Screw into Starter Box For Baffle



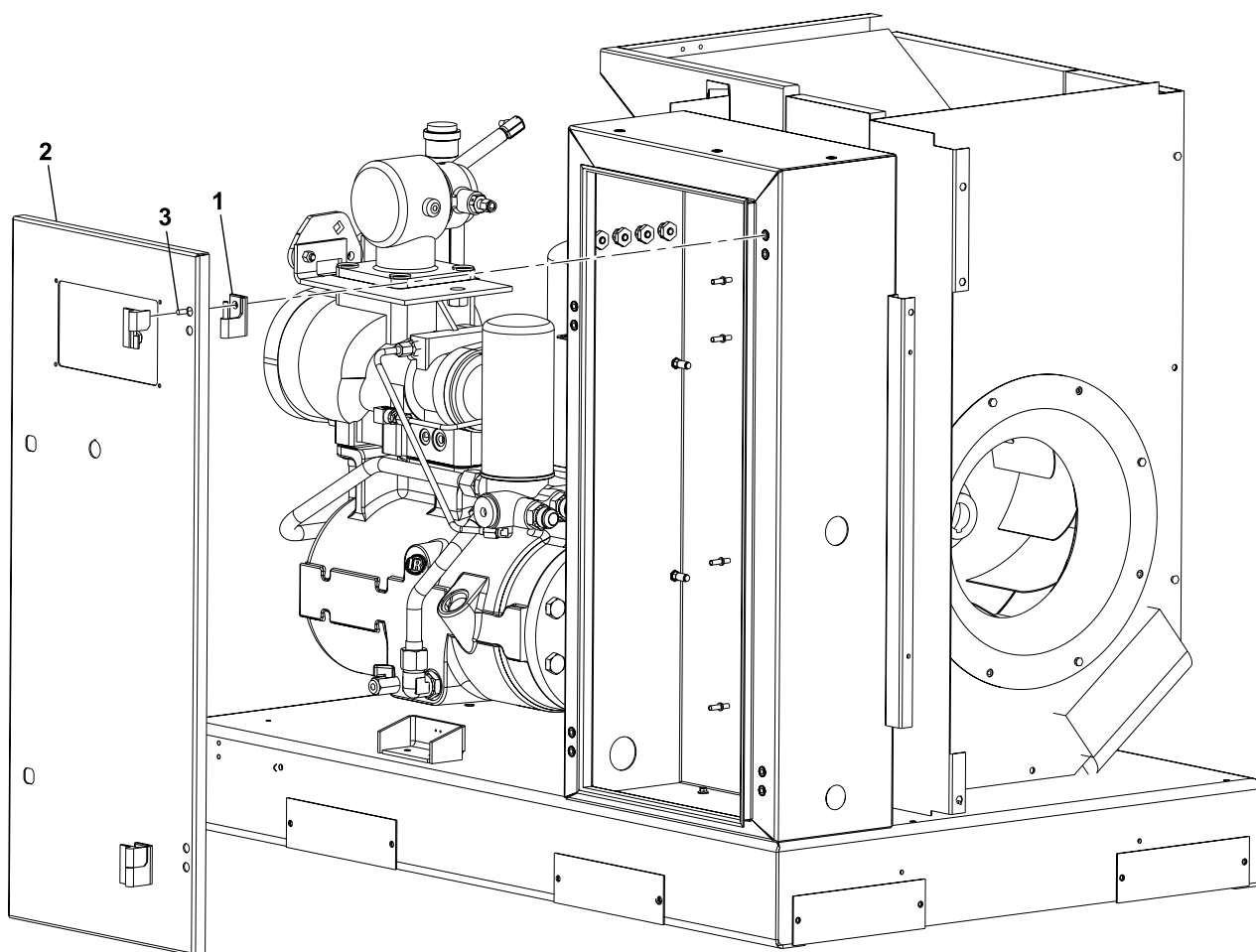
(Dwg. 48775126C4)

## PARTS LIST

Item	Part No.	Description	Qty.
1	96742689	BOLT, HEX FLANGE	1

## STARTER BOX ASSEMBLY DRAWING AND PARTS LIST

### Assemble Door to Starter Box



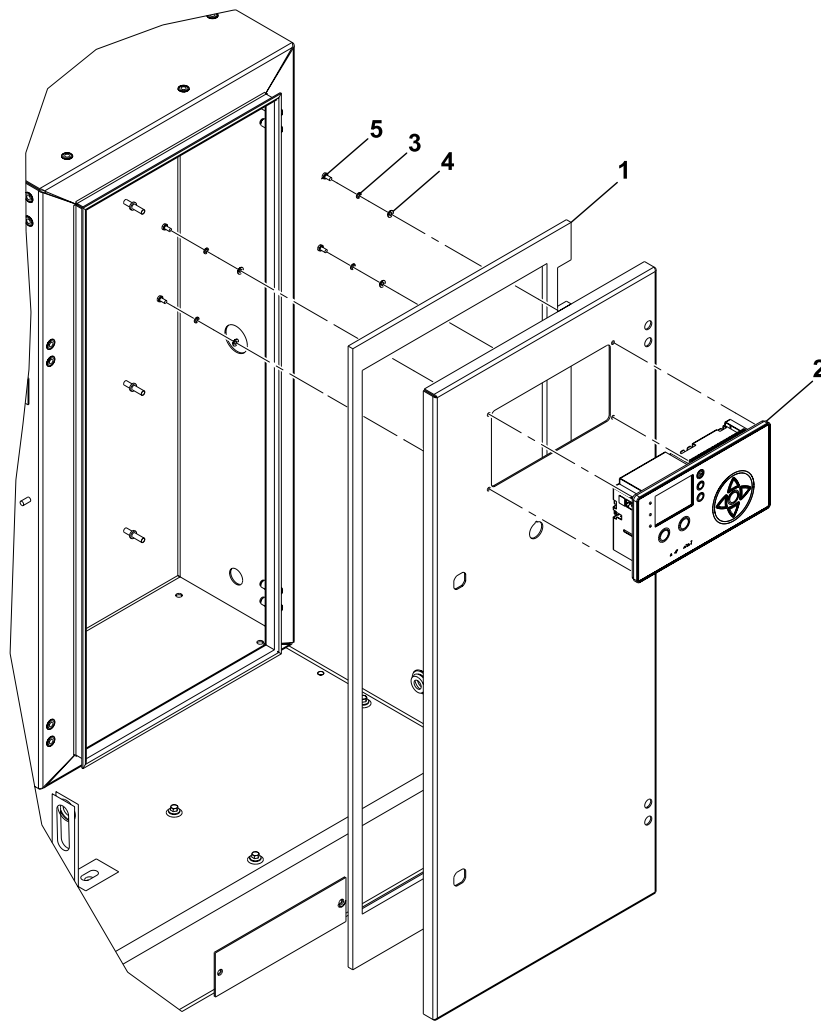
(Dwg. 48775126C5)

### PARTS LIST

Item	Part No.	Description	Qty.
1	22091193	HINGE, LIFT-OFF	2
2	48776165	DOOR, STARTER BOX	1
3	96743992	MACHINE SCREW,	4

## STARTER BOX ASSEMBLY DRAWING AND PARTS LIST

**Assemble Xe Controller and Gaskets to Door**



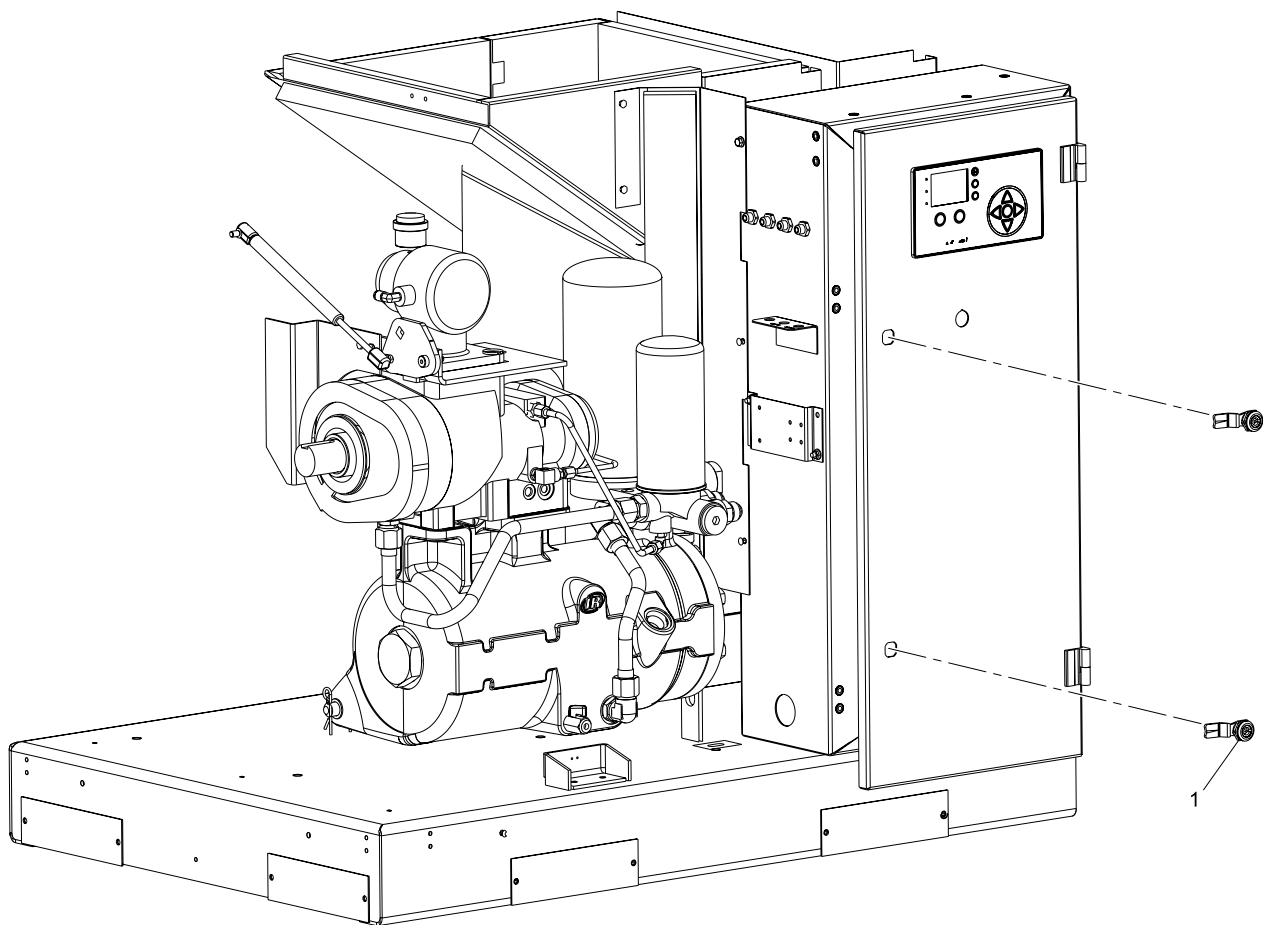
(Dwg. 48775126A6)

**PARTS LIST**

Item	Part No.	Description	Qty.
1	22177315	GASKET	1
2	24114068	CONTROLLER, XE-70M R15-37 FIXED SPEED	1
	24114050	CONTROLLER, XE-70M R15-37 FIXED SPEED WITH ECO	
3	92340447	WASHER, LOCK	4
4	96705165	WASHER, PRODUCT	4
5	96742358	SCREW,	4

# STARTER BOX ASSEMBLY DRAWING AND PARTS LIST

Assemble Latches to Door



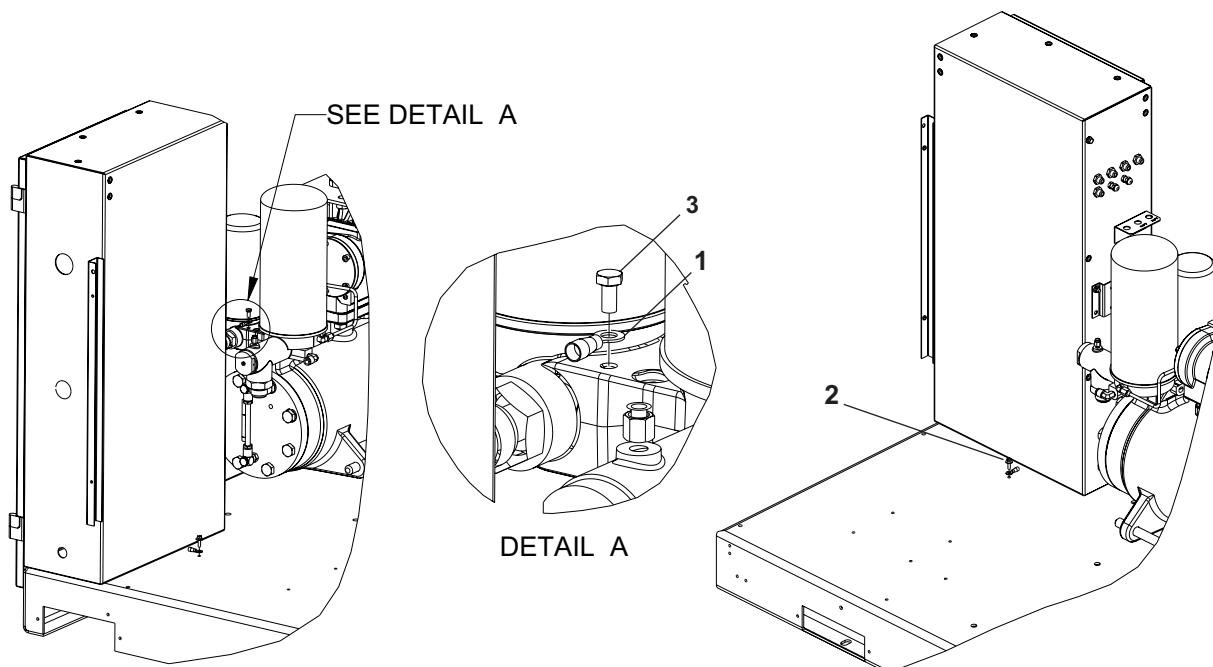
(Dwg. 48775126C7)

## PARTS LIST

Item	Part No.	Description	Qty.
1	23180557	LATCH, DOOR	2

## STARTER BOX ASSEMBLY DRAWING AND PARTS LIST

Assemble Ground Wire



(Dwg. 48775126C8)

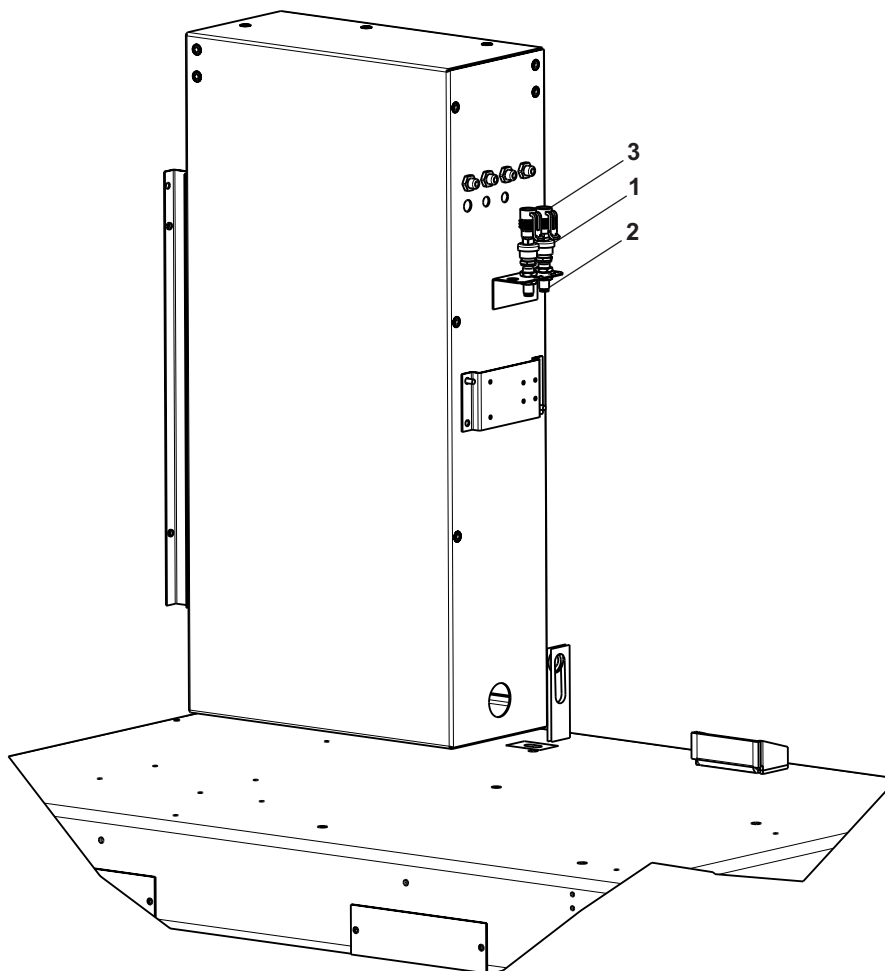
**PARTS LIST**

Item	Part No.	Description	Qty.
1	24847865	TERMINAL	2
2	39917489	SCREW, HEX HEAD FLANGE	1
3	96748900	SCREW, HEX HEAD	1
**	32115545	WIRE, GREEN NO. 12AWG	AR

**	NOT ILLUSTRATED
A/R	AS REQUIRED

## STARTER BOX ASSEMBLY DRAWING AND PARTS LIST

### Assemble Pressure Transducer to Bracket



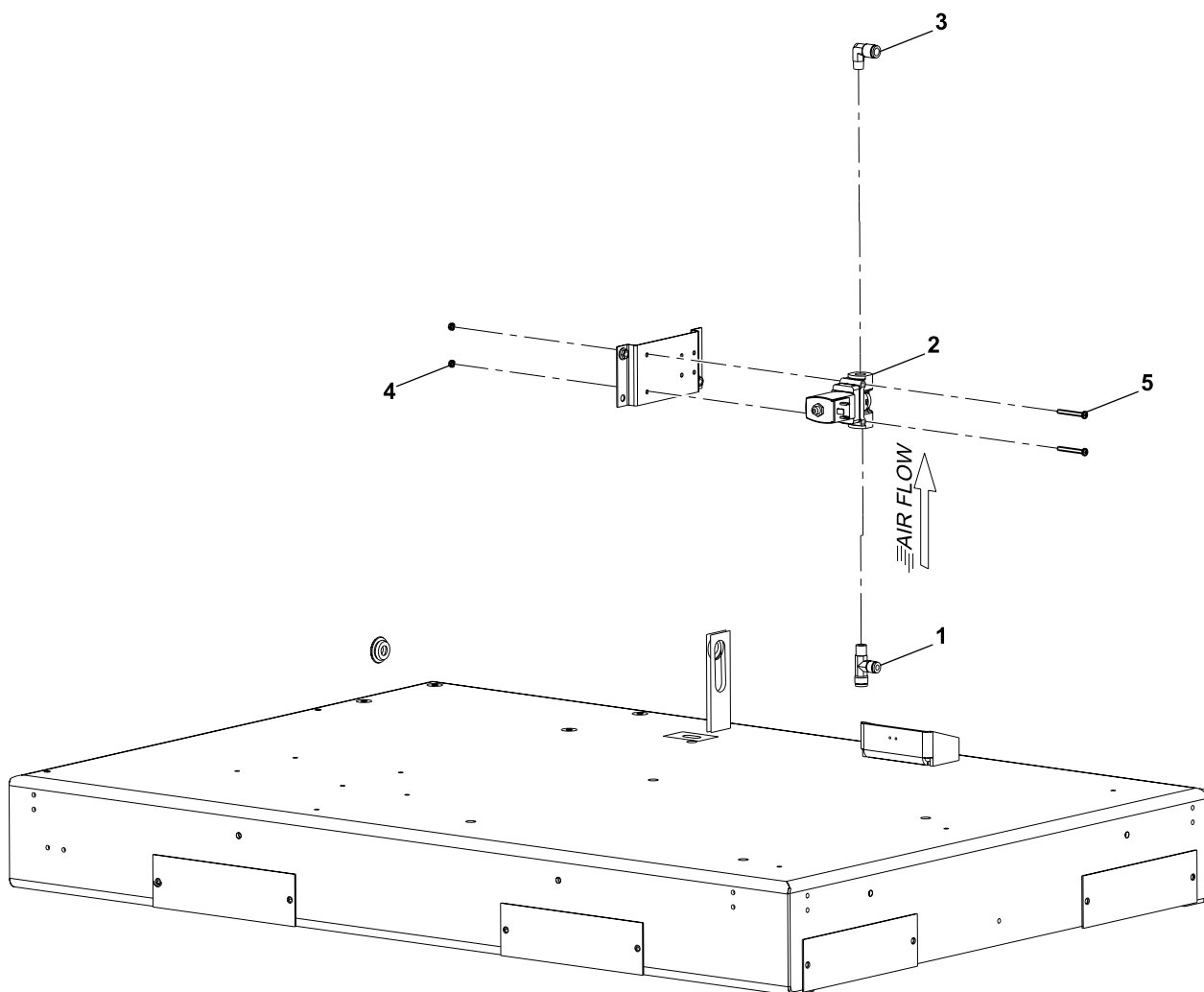
(Dwg. 48775126C9)

#### PARTS LIST

Item	Part No.	Description	Qty.
1	22359632	TRANSDUCER	2
2	39461868	BULKHEAD	2
3	39875570	CABLE, TRANSDUCER	2

## STARTER BOX ASSEMBLY DRAWING AND PARTS LIST

### Assemble Solenoid Valve to Bracket



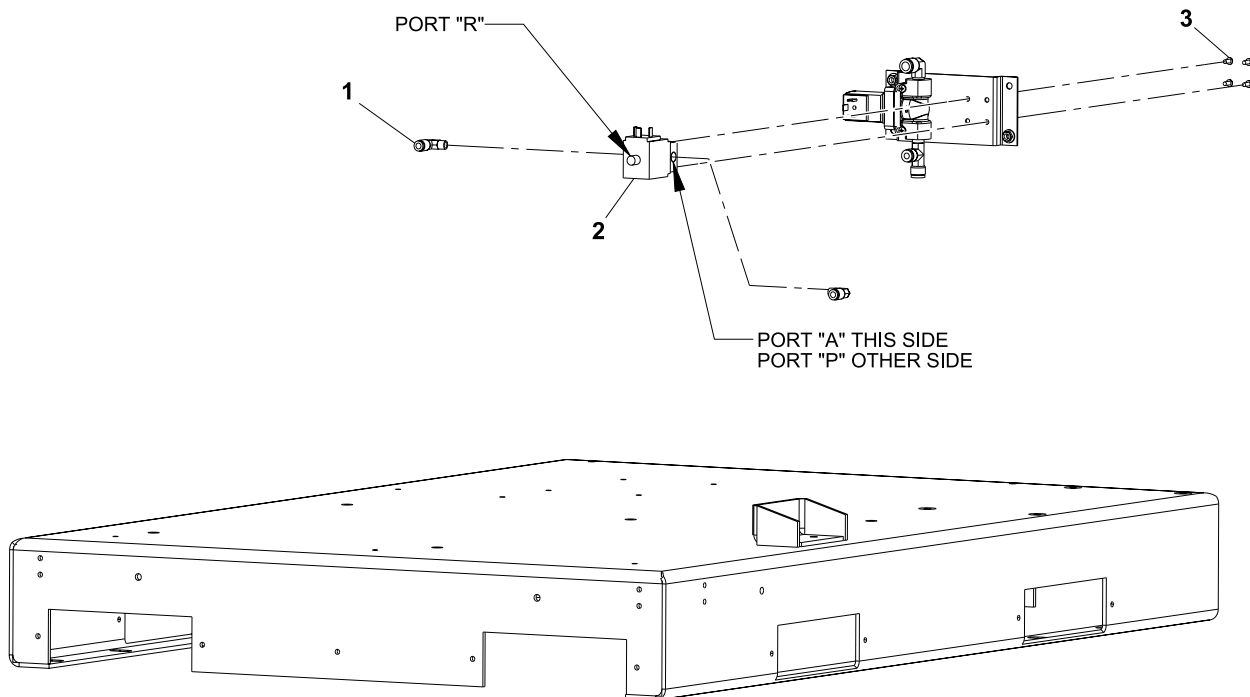
(Dwg. 48775126C10)

#### PARTS LIST

Item	Part No.	Description	Qty.
1	22055909	TEE, MALE	1
2	22124085	VALVE, SOLENOID	1
3	39155650	ELBOW	1
4	96703756	NUT, HEX STYLE 1	2
5	96742754	SCREW	2

## STARTER BOX ASSEMBLY DRAWING AND PARTS LIST

### Assemble Solenoid Valve to Bracket



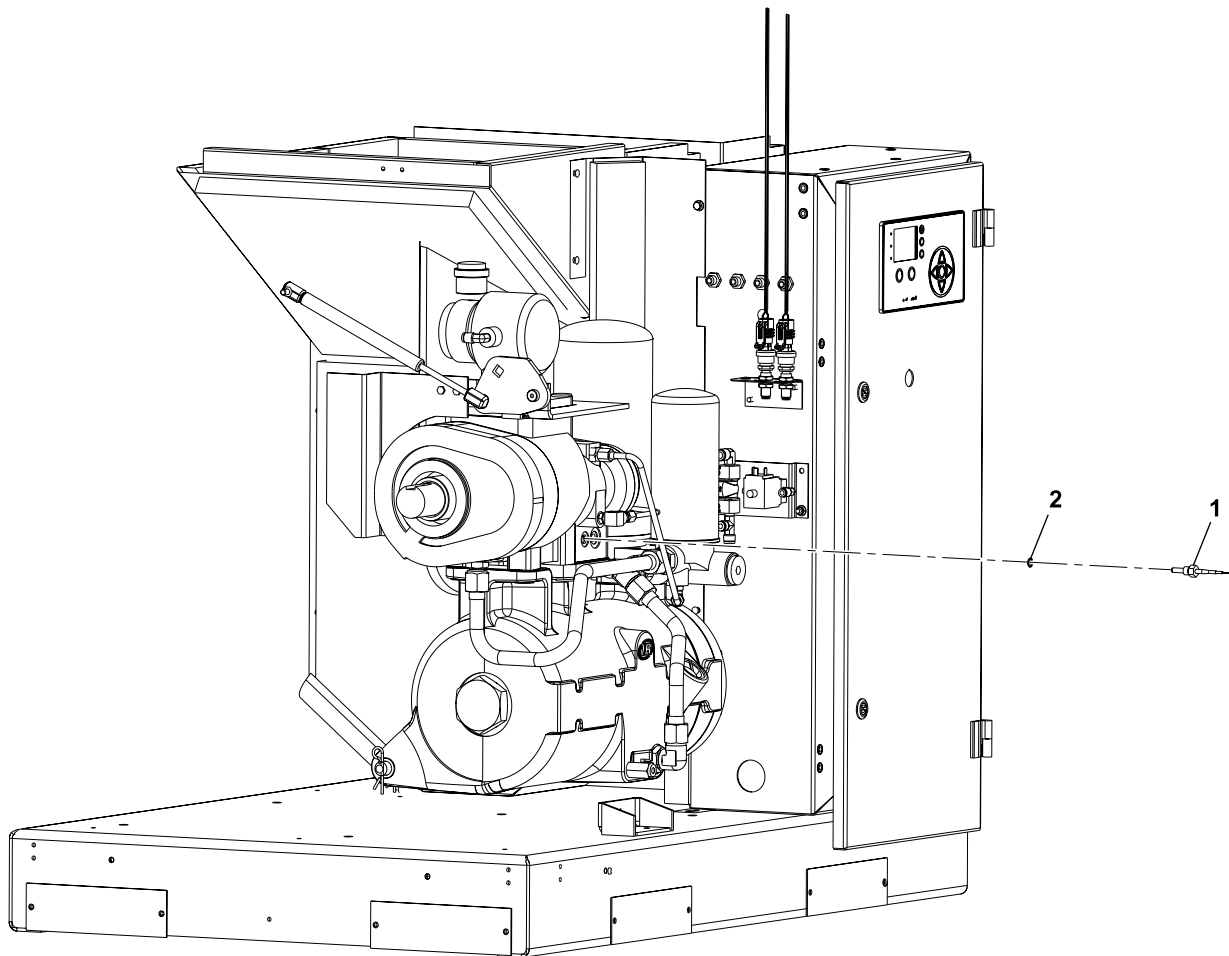
(Dwg. 48775126C11)

**PARTS LIST**

Item	Part No.	Description	Qty.
1	39155577	ELBOW	2
2	54774302	VALVE, SOLENOID	1
3	96743182	SCREW, HEX SOCKET	4

# STARTER BOX ASSEMBLY DRAWING AND PARTS LIST

Assemble Thermister



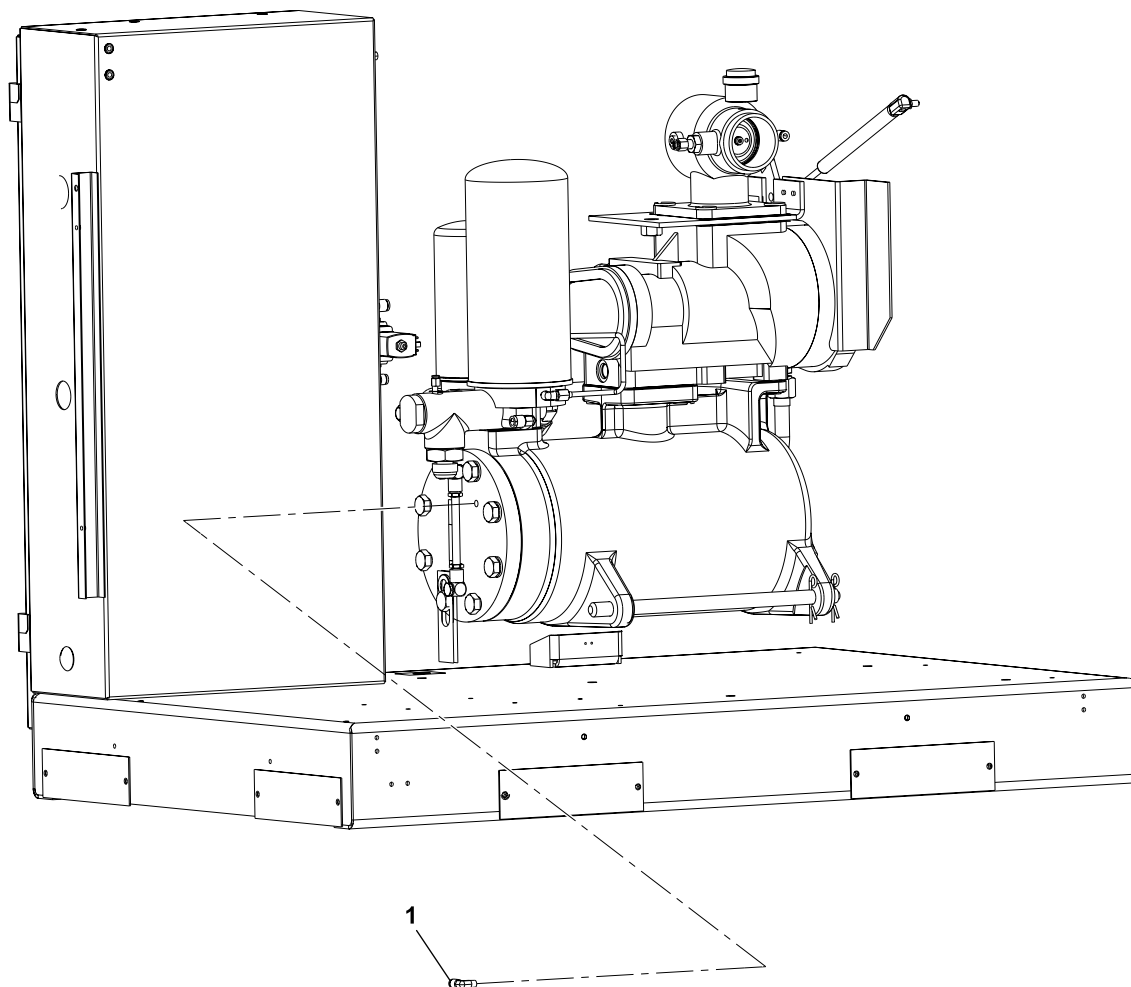
(Dwg. 48775126C12)

**PARTS LIST**

Item	Part No.	Description	Qty.
1	22137848	SENSOR, TEMPERATURE	1
2	39404157	O-RING	1

# STARTER BOX ASSEMBLY DRAWING AND PARTS LIST

## Assemble Elbow to Separator Cover



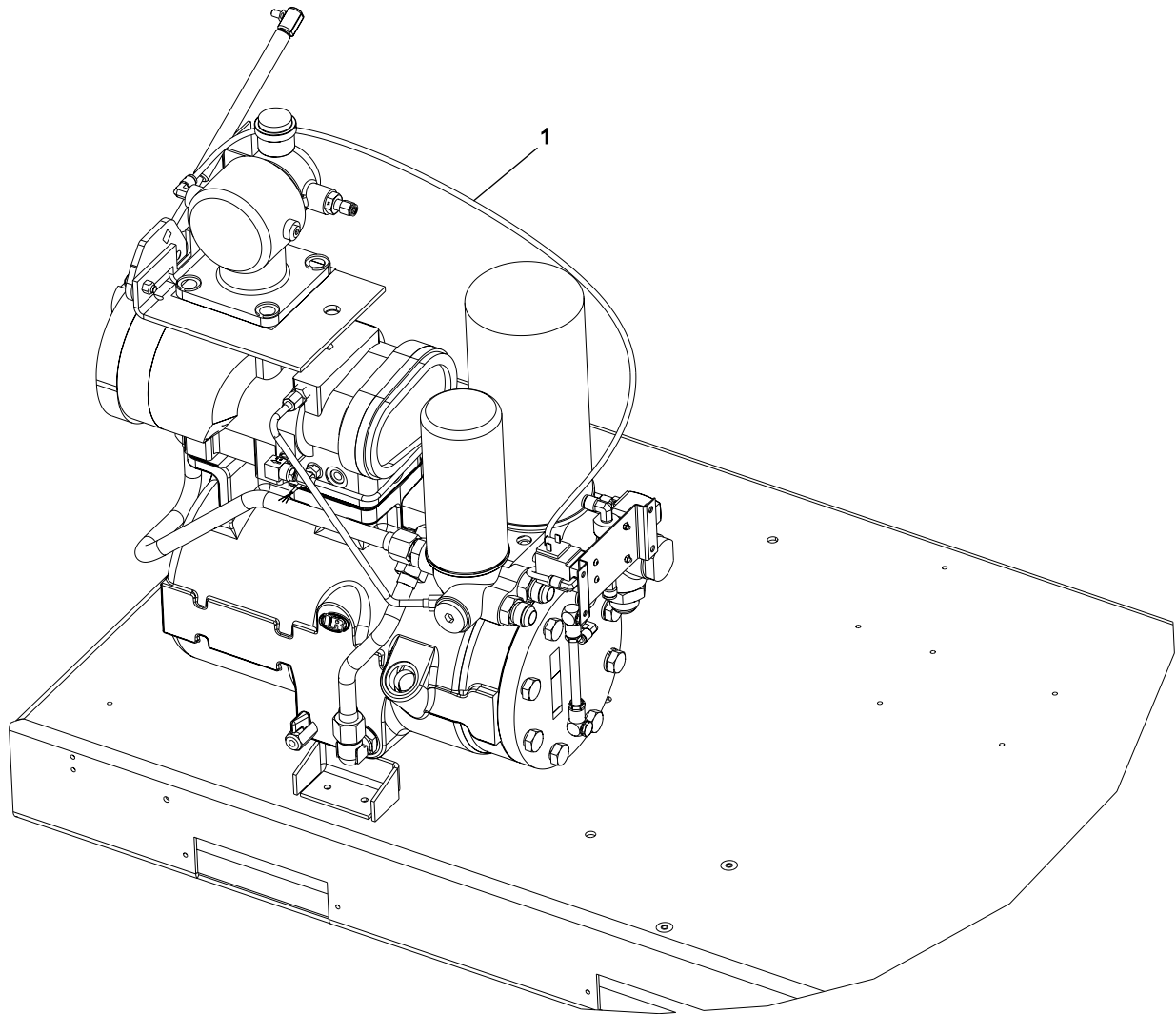
(Dwg. 48775126C13)

### PARTS LIST

Item	Part No.	Description	Qty.
1	39155577	ELBOW	1

# STARTER BOX ASSEMBLY DRAWING AND PARTS LIST

## Assemble 25 inch Tubing



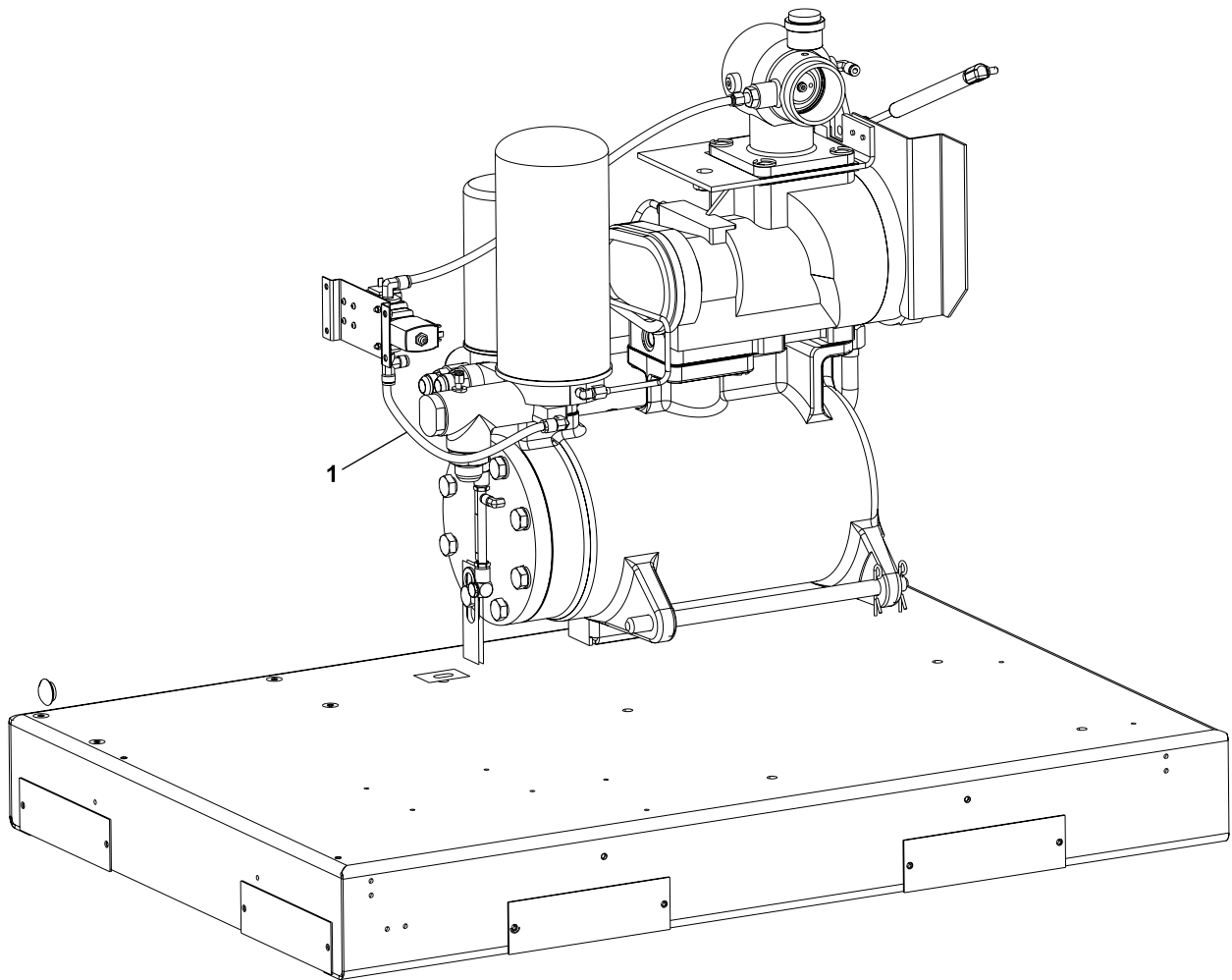
(Dwg. 48775126C14)

### PARTS LIST

Item	Part No.	Description	Qty.
1	39124813	TUBING, .25 INCH SYNFLEX	A/R
A/R	AS REQUIRED		

# STARTER BOX ASSEMBLY DRAWING AND PARTS LIST

Assemble 38 inch Tubing



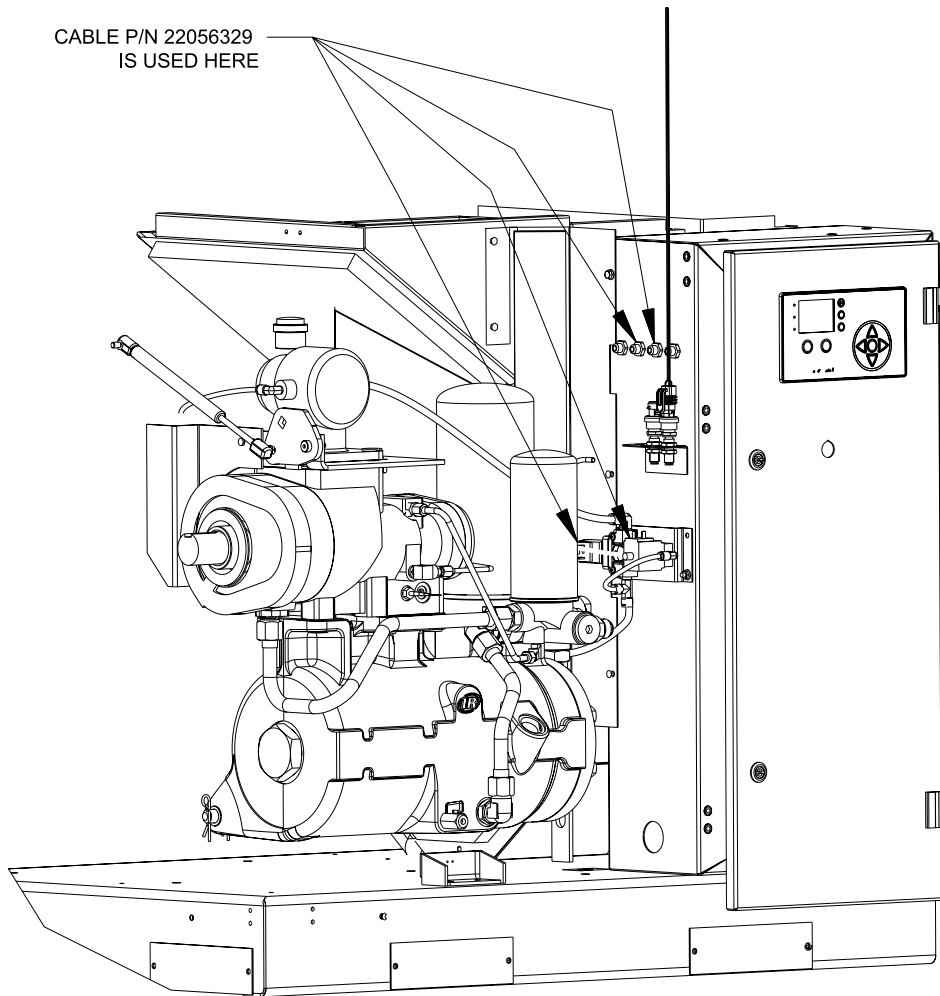
(Dwg. 48775126C15)

**PARTS LIST**

Item	Part No.	Description	Qty.
1	39124821	TUBING, .38 INCH SYNDFLEX	A/R
A/R	AS REQUIRED		

# STARTERBOX ASSEMBLY DRAWING AND PARTS LIST

## Assemble Solenoid Cable Assemblies



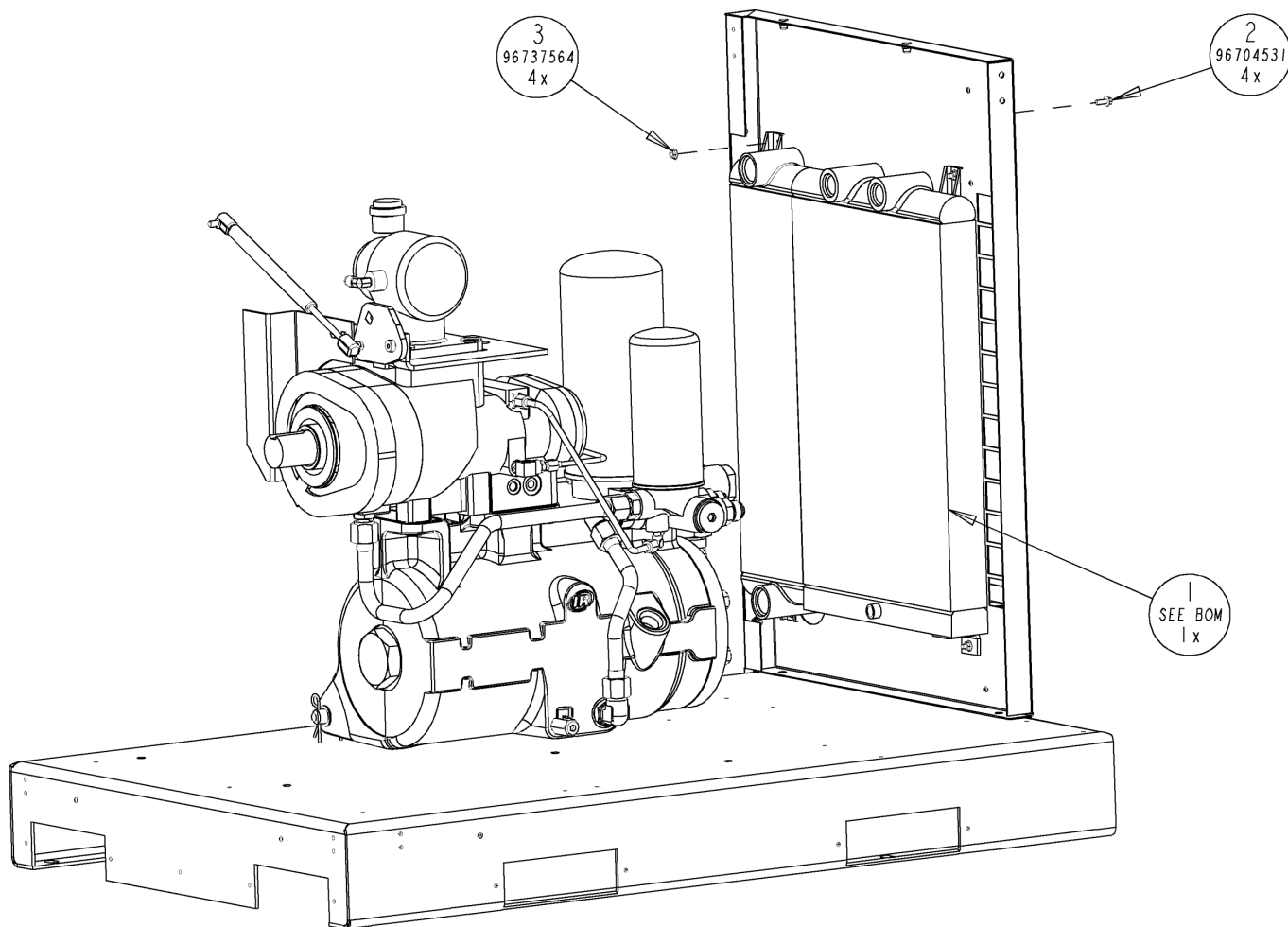
(Dwg. 48775126C16)

### PARTS LIST

Item	Part No.	Description	Qty.
1	22056329	ASSEMBLY, CABLE	2

## COOLER ASSEMBLY DRAWING AND PARTS LIST

### Assemble Cooler



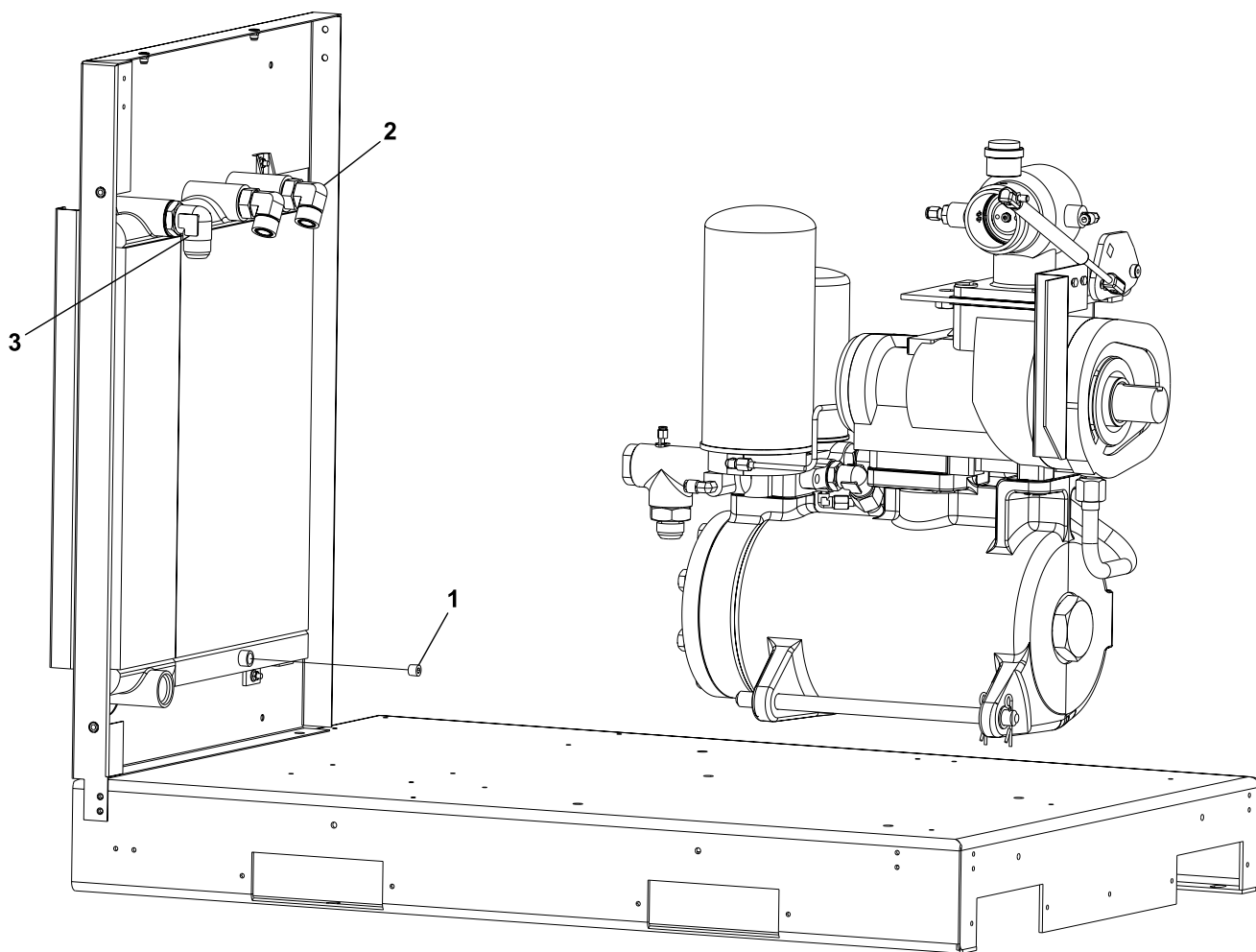
(Dwg. 48775688A2)

### PARTS LIST

Item	Part No.	Description	Qty.
1	22082499	COOLER, COMBINATION (AIR/OIL), 11-15 kW / 15-20 hp	1
	54753918	COOLER, COMBINATION (AIR/OIL), 18.5 - 5-22 kW / 25-30 hp	1
2	96704531	SCREW, HEX HEAD FLANGE M6 x 16.0 LONG	4
3	96737564	NUT, HEX FLANGE LOCK SERRATED M6-1.00	4

## COOLER ASSEMBLY DRAWING AND PARTS LIST

### Assemble Cooler Fittings



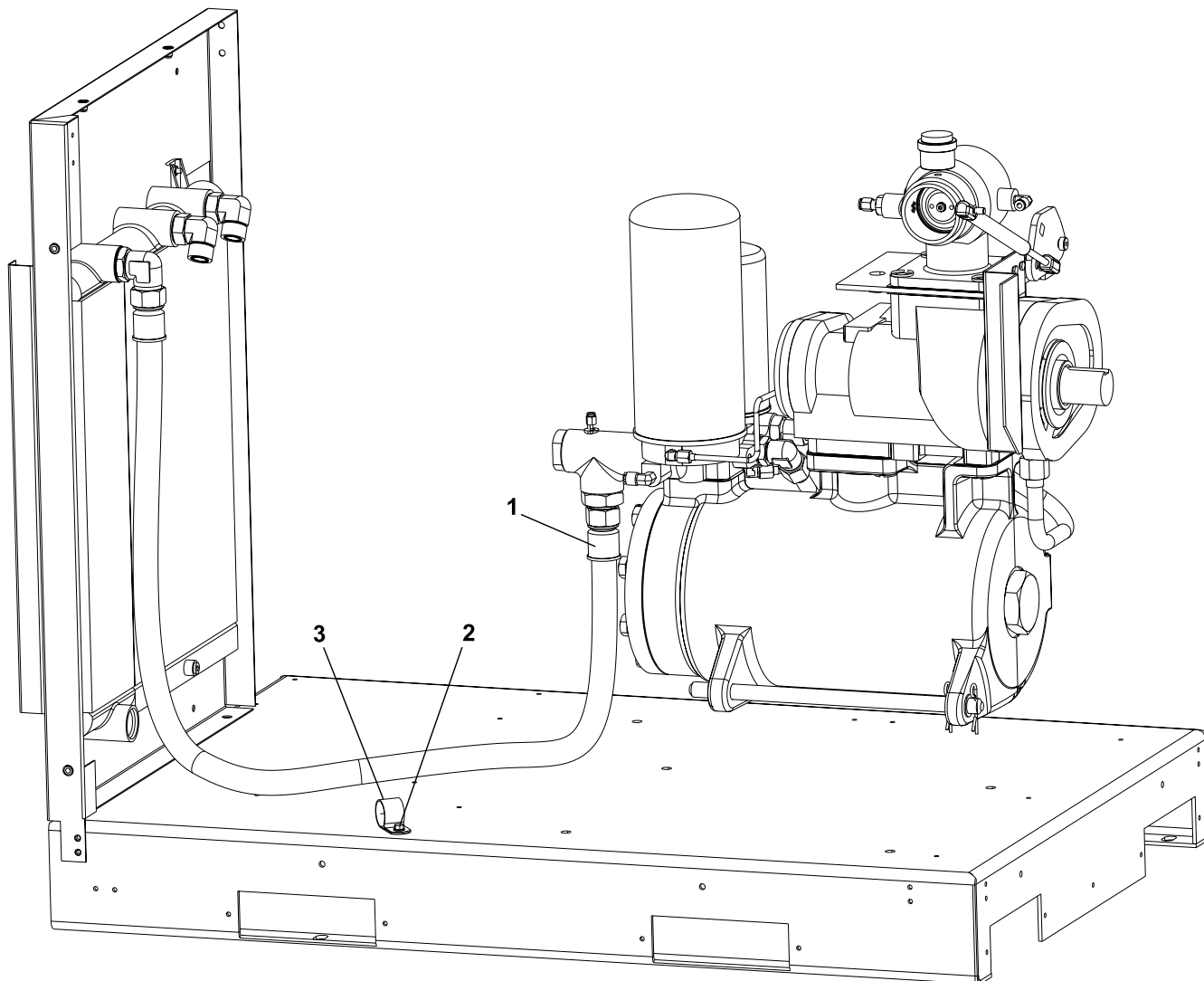
(Dwg. 48775688A3)

#### PARTS LIST

Item	Part No.	Description	Qty.
1	95928230	PLUG, SOCKET	1
2	96952379	ELBOW	1
3	96960786	ELBOW, 90	2

**COOLER ASSEMBLY DRAWING AND PARTS LIST**

**Assemble Air Discharge Hose**



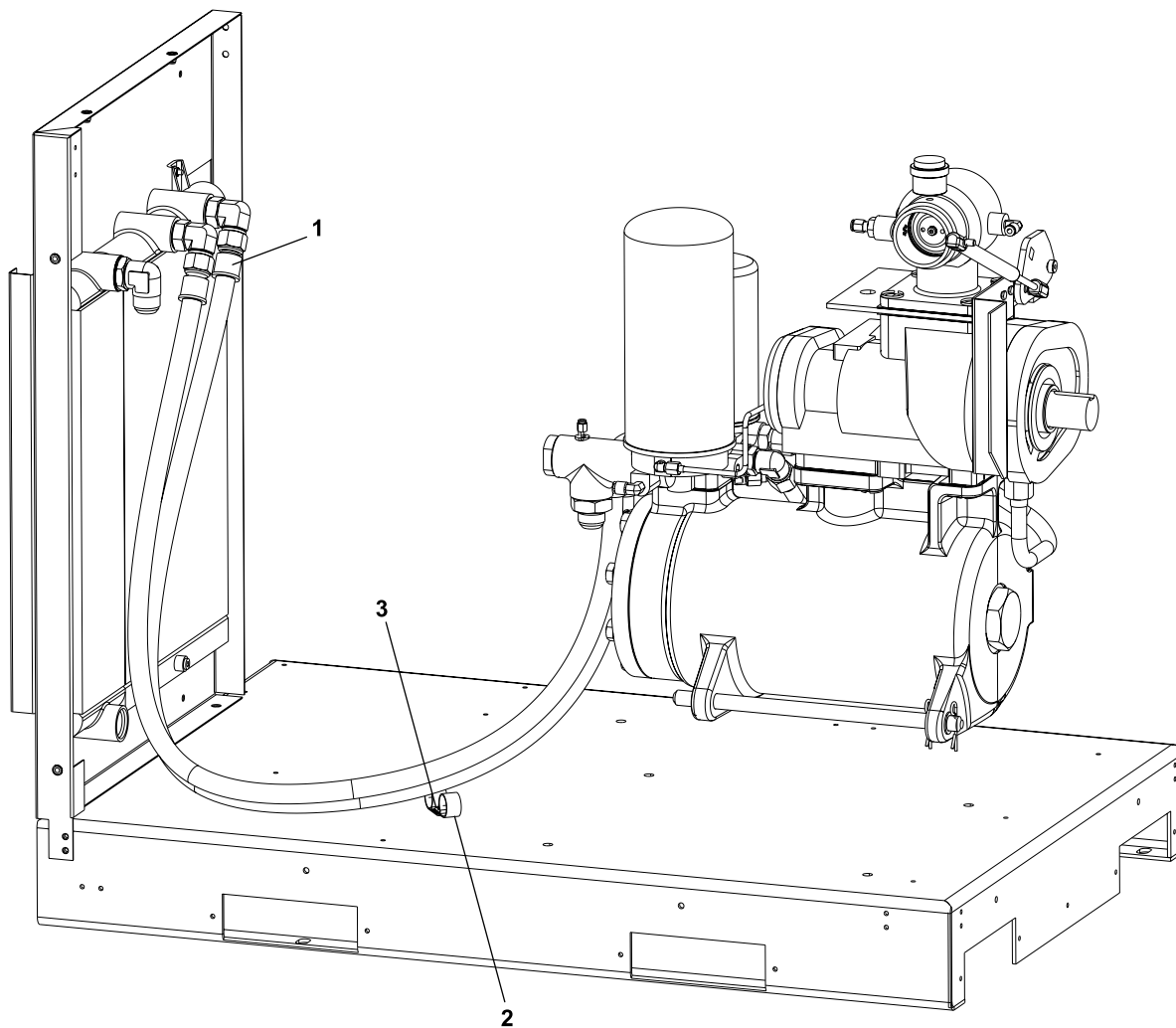
(Dwg. 48775688A4)

**PARTS LIST**

Item	Part No.	Description	Qty.
1	85561231	HOSE, HYDRAULIC	1
2	92368687	TAPTITE SCREW	1
3	95457586	CLAMP, HOSE SUPPORT	1

## COOLER ASSEMBLY DRAWING AND PARTS LIST

**Assemble Oil Hose From The Cooler To The Separator**



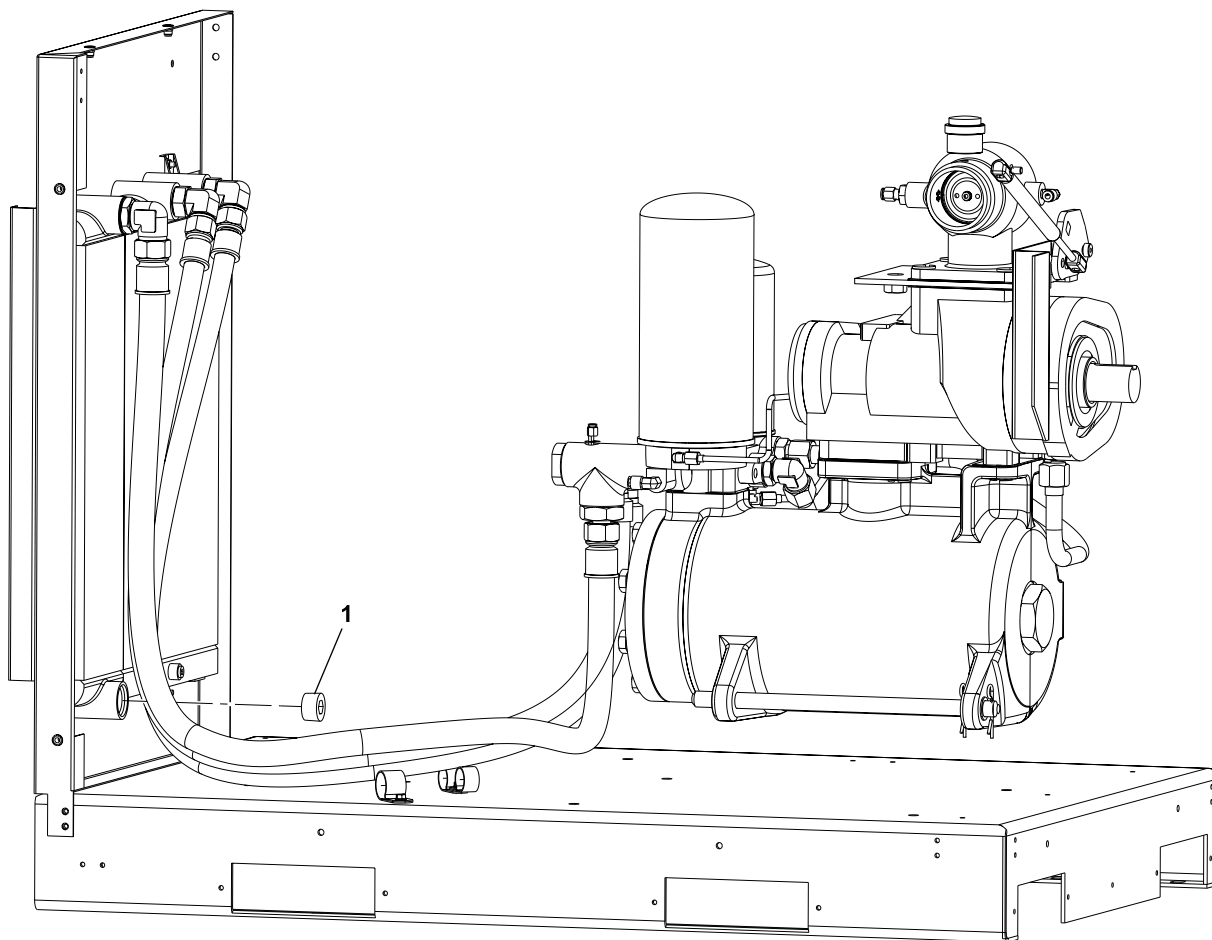
(Dwg. 48775688A5)

**PARTS LIST**

Item	Part No.	Description	Qty.
1	24691610	HOSE, PTFE HYDRAULIC STR X 90	2
2	95301883	CLAMP, HOSE SUPPORT	2
3	92368687	TAPTITE SCREW	1

## COOLER ASSEMBLY DRAWING AND PARTS LIST

**Assemble Cooler Plug For Non-Dryer Units Only**



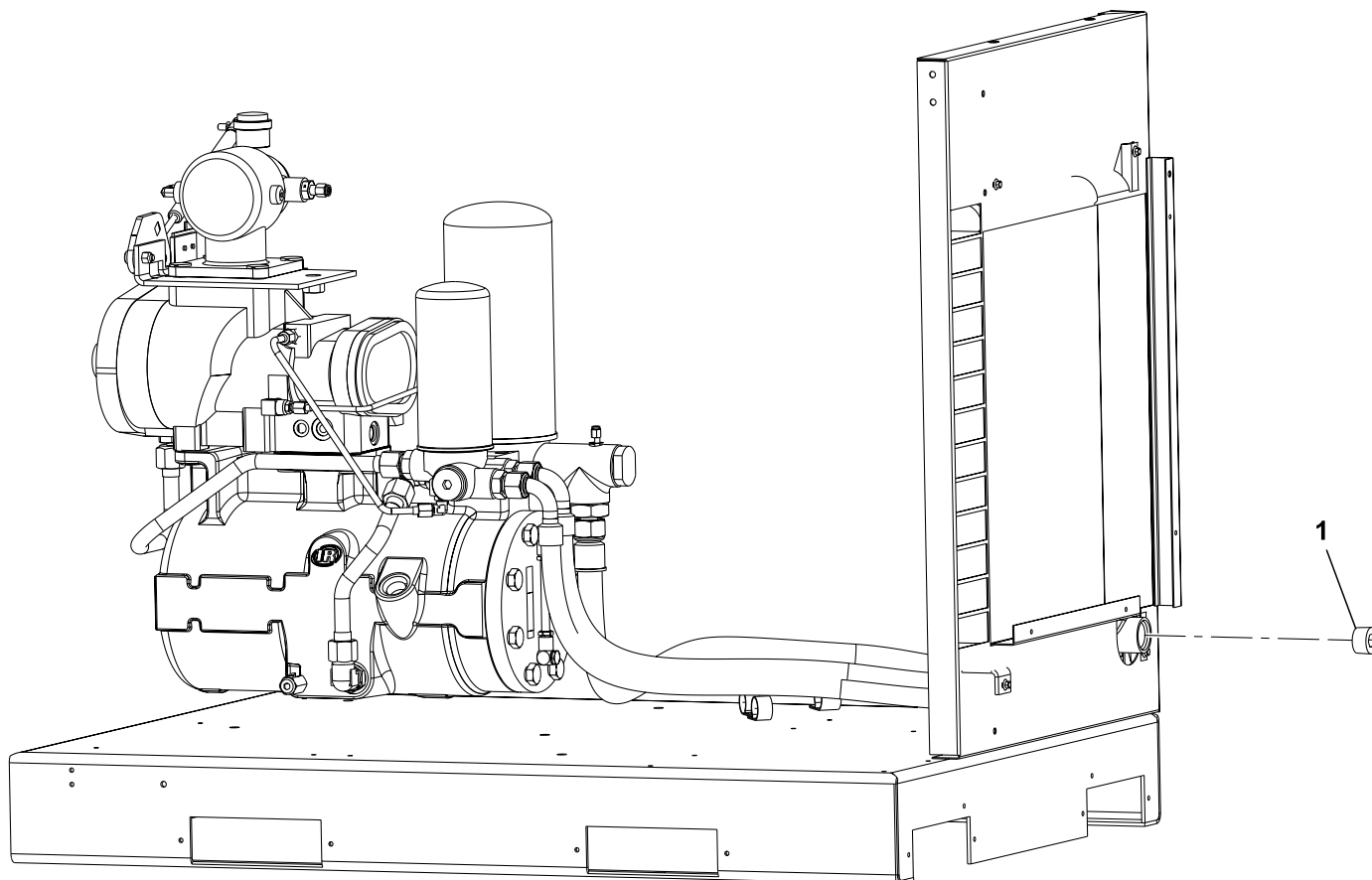
(Dwg. 48775688A6)

**PARTS LIST**

Item	Part No.	Description	Qty.
1	95941258	PLUG, SOCKET	1

## COOLER ASSEMBLY DRAWING AND PARTS LIST

**Assemble Plug For Dryer Units Only**



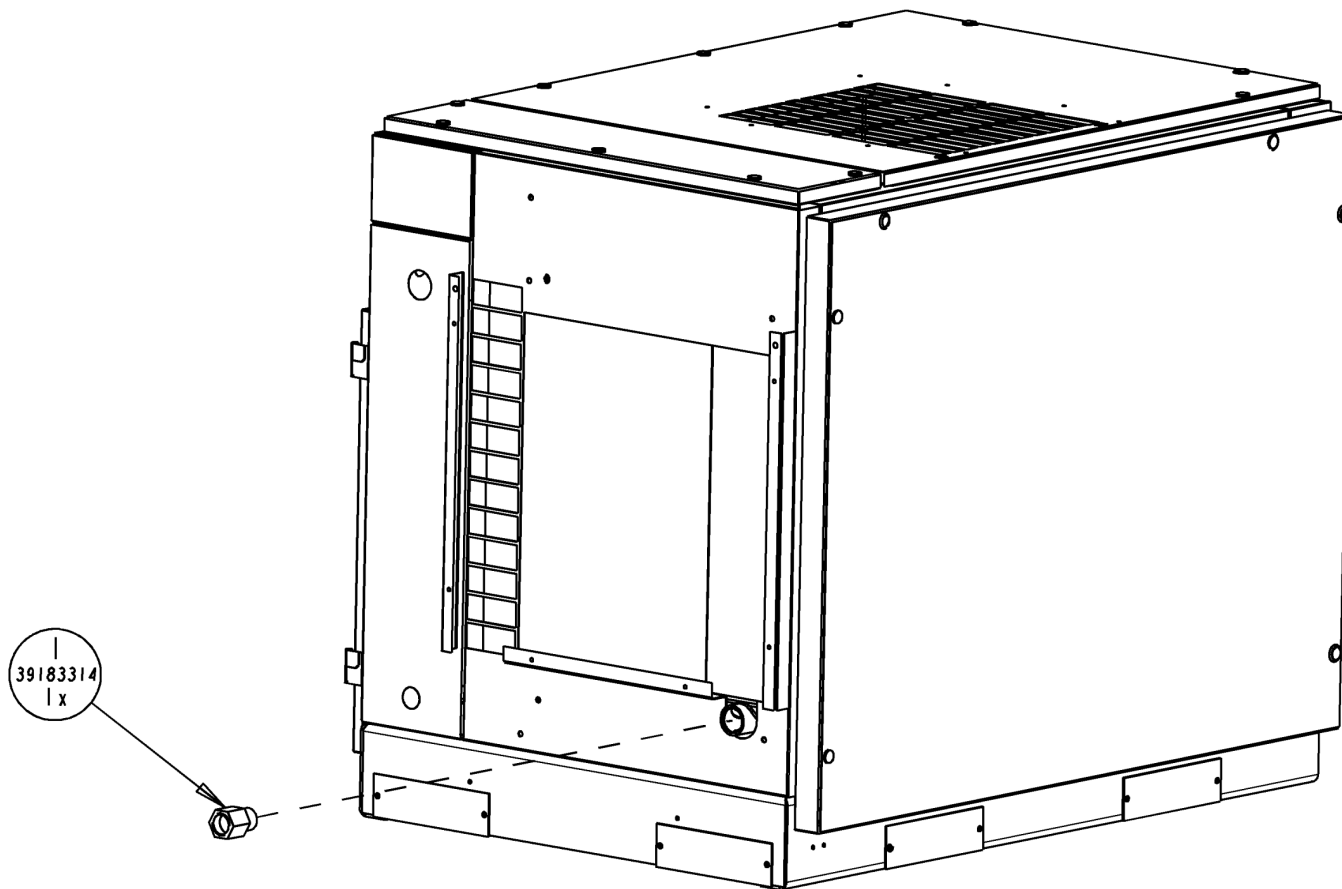
(Dwg. 48775688A7)

**PARTS LIST**

Item	Part No.	Description	Qty.
1	95941258	PLUG, SOCKET	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)



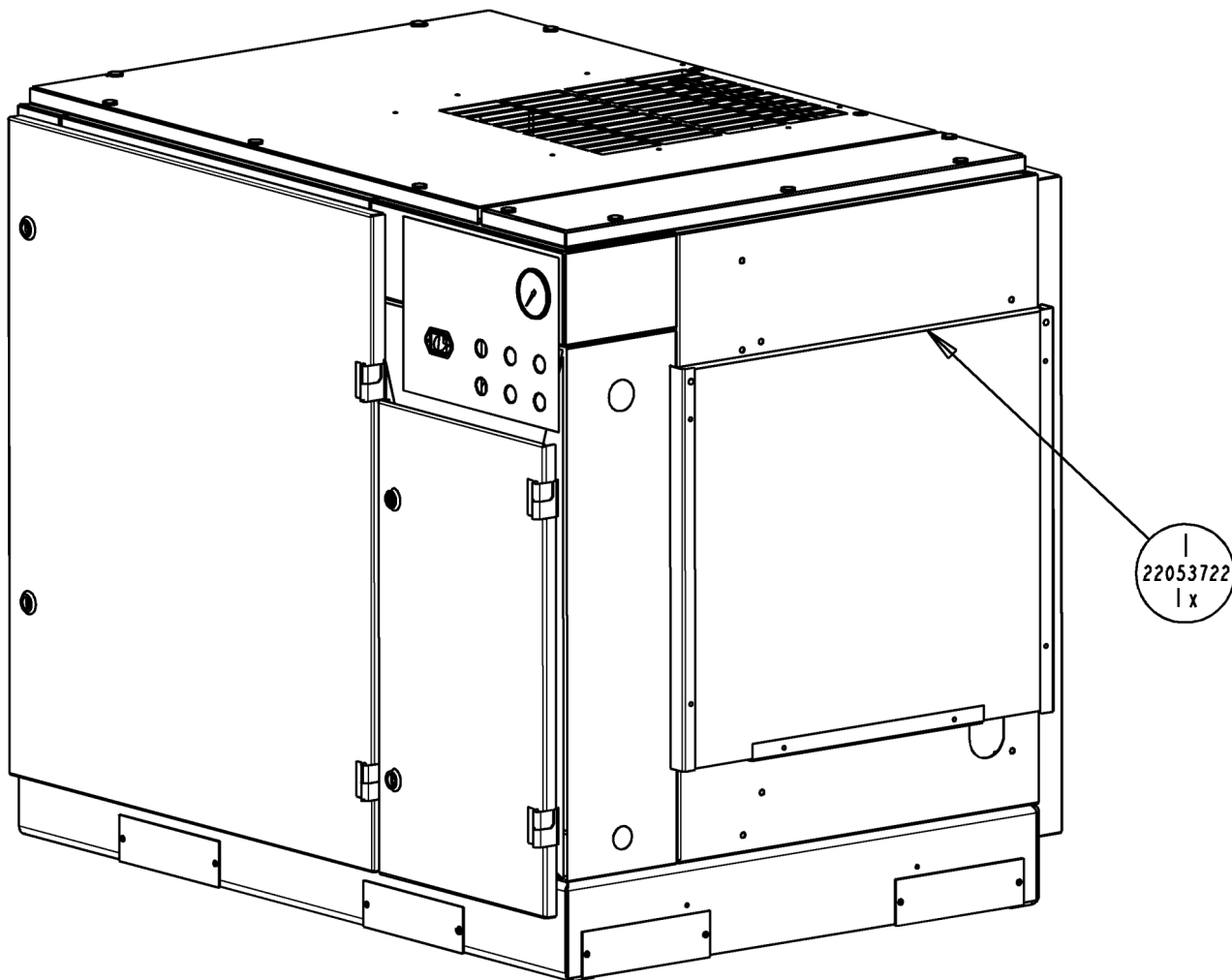
(Dwg. 22174130A2)

## 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**



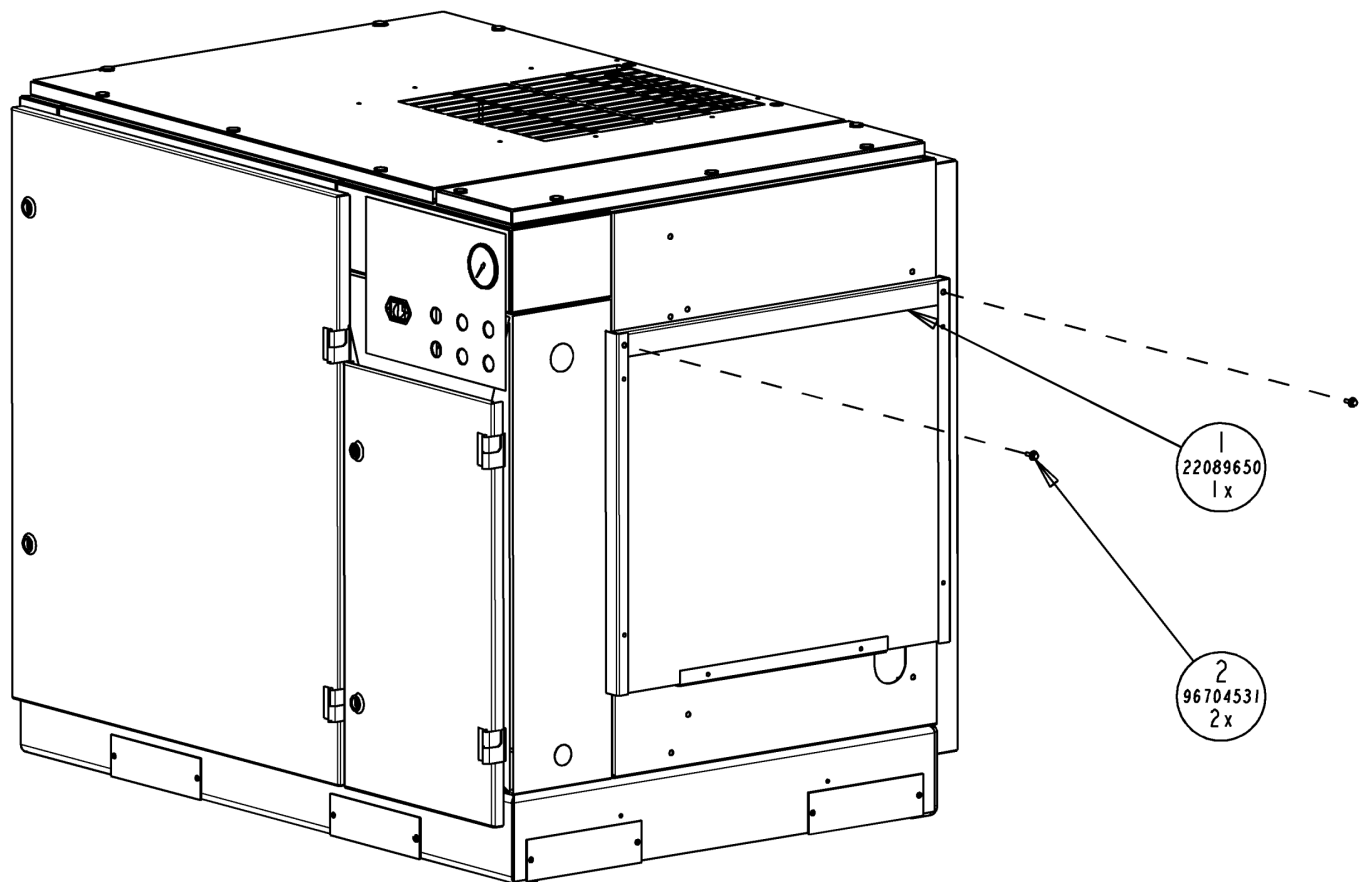
(Dwg. 22171029A2)

**PARTS LIST**

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

**PANEL FILTER ASSEMBLY DRAWING AND PARTS LIST**

**Assemble Panel Filter Bracket**



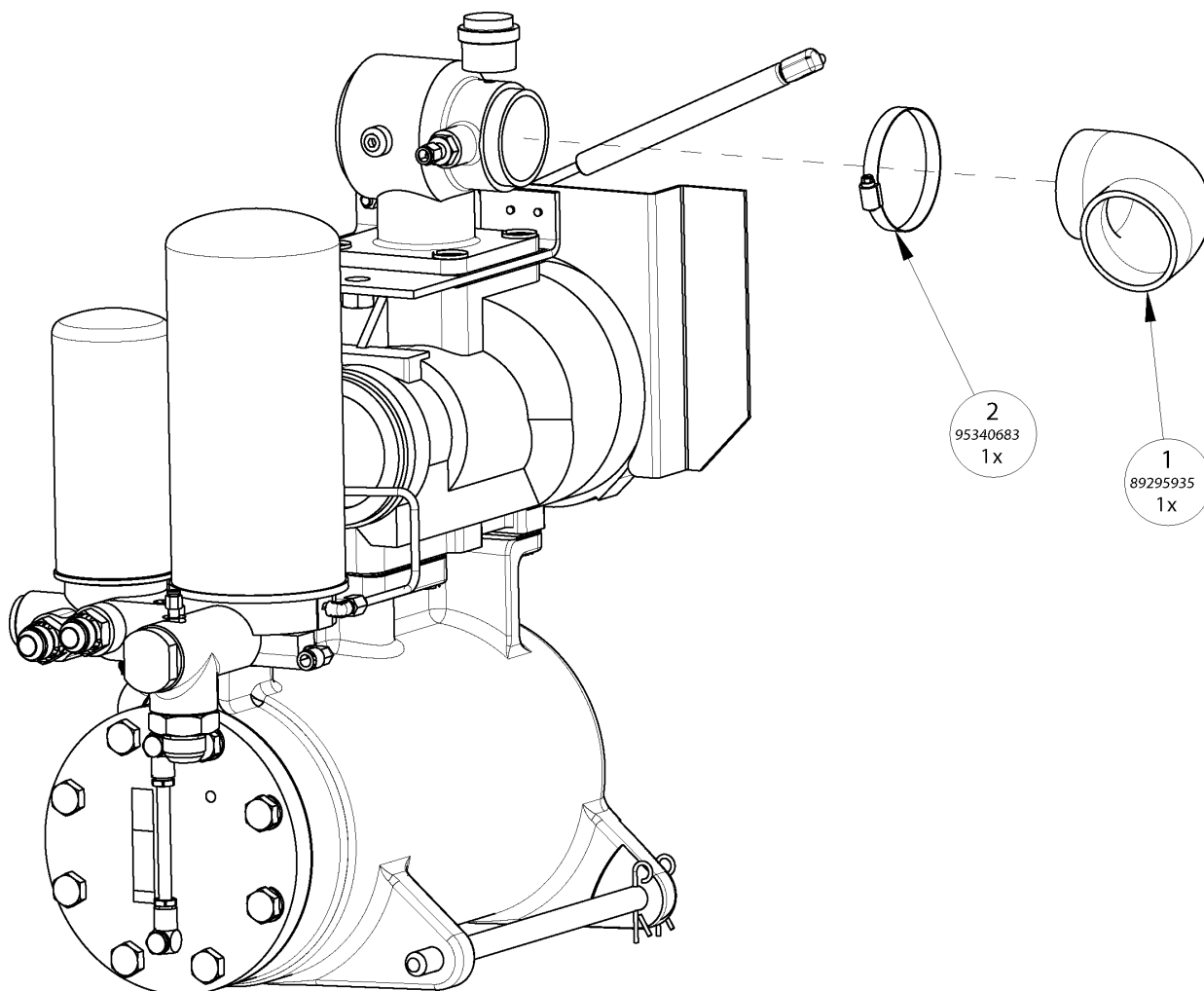
(Dwg. 22171029A3)

**PARTS LIST**

Item	Part No.	Description	Qty.
1	22089650	ANGLE, PRE-FILTER	1
2	96704531	SCREW, HEX HEAD FLANGE M6 x 16.0 LONG	2

# STANDARD AIR FILTER ASSEMBLY DRAWING AND PARTS LIST

## Assemble Rubber Elbow



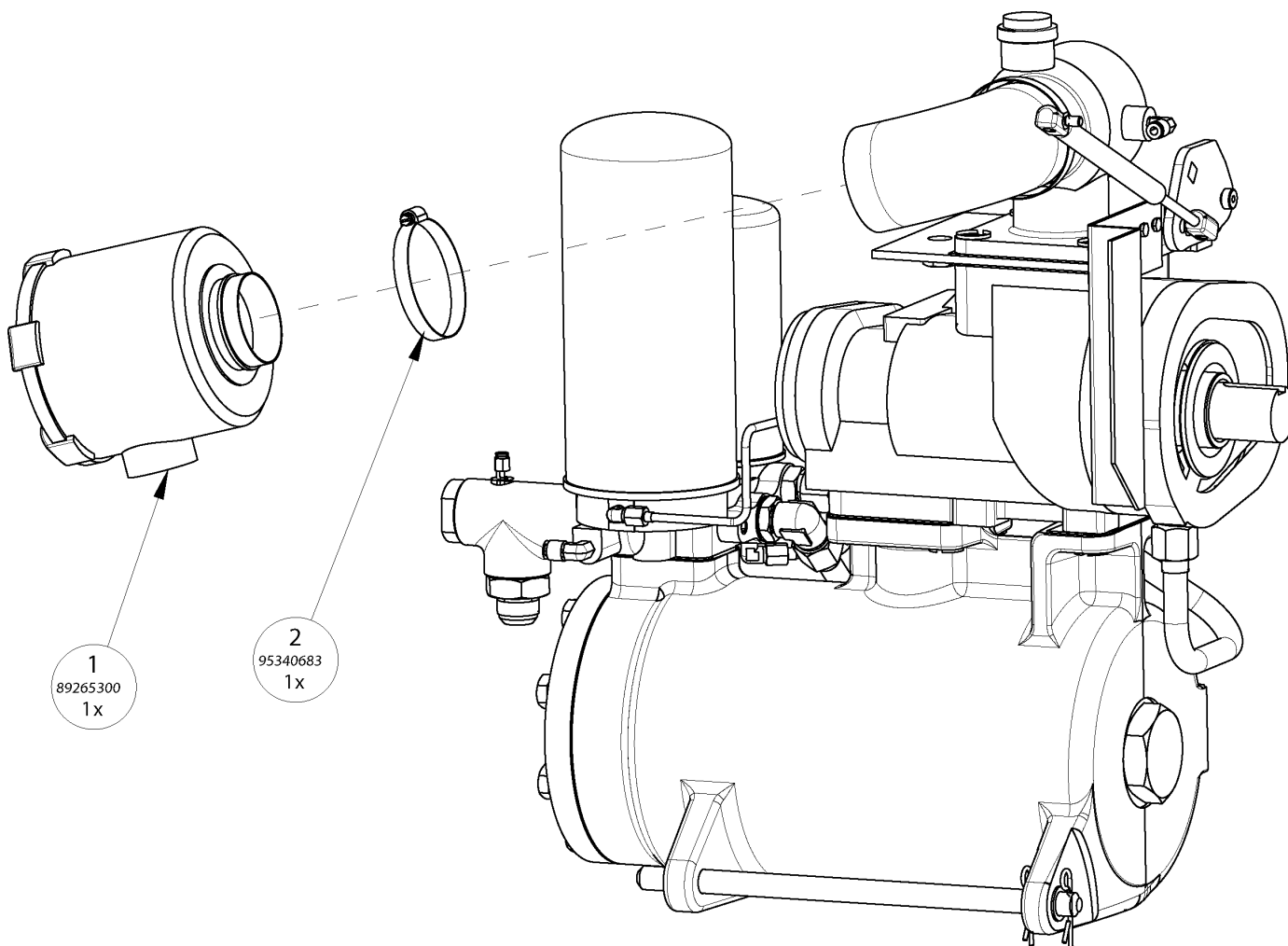
(Dwg. 22173942C2)

### PARTS LIST

Item	Part No.	Description	Qty.
1	89295935	HOSE, AIR FILTERUNLOADER (90DEG BEND)	1
2	95340683	CLAMP, HOSE WORM DRIVESTAINLESS STEEL	1

# STANDARD AIR FILTER ASSEMBLY DRAWING AND PARTS LIST

## Assemble Air Filter



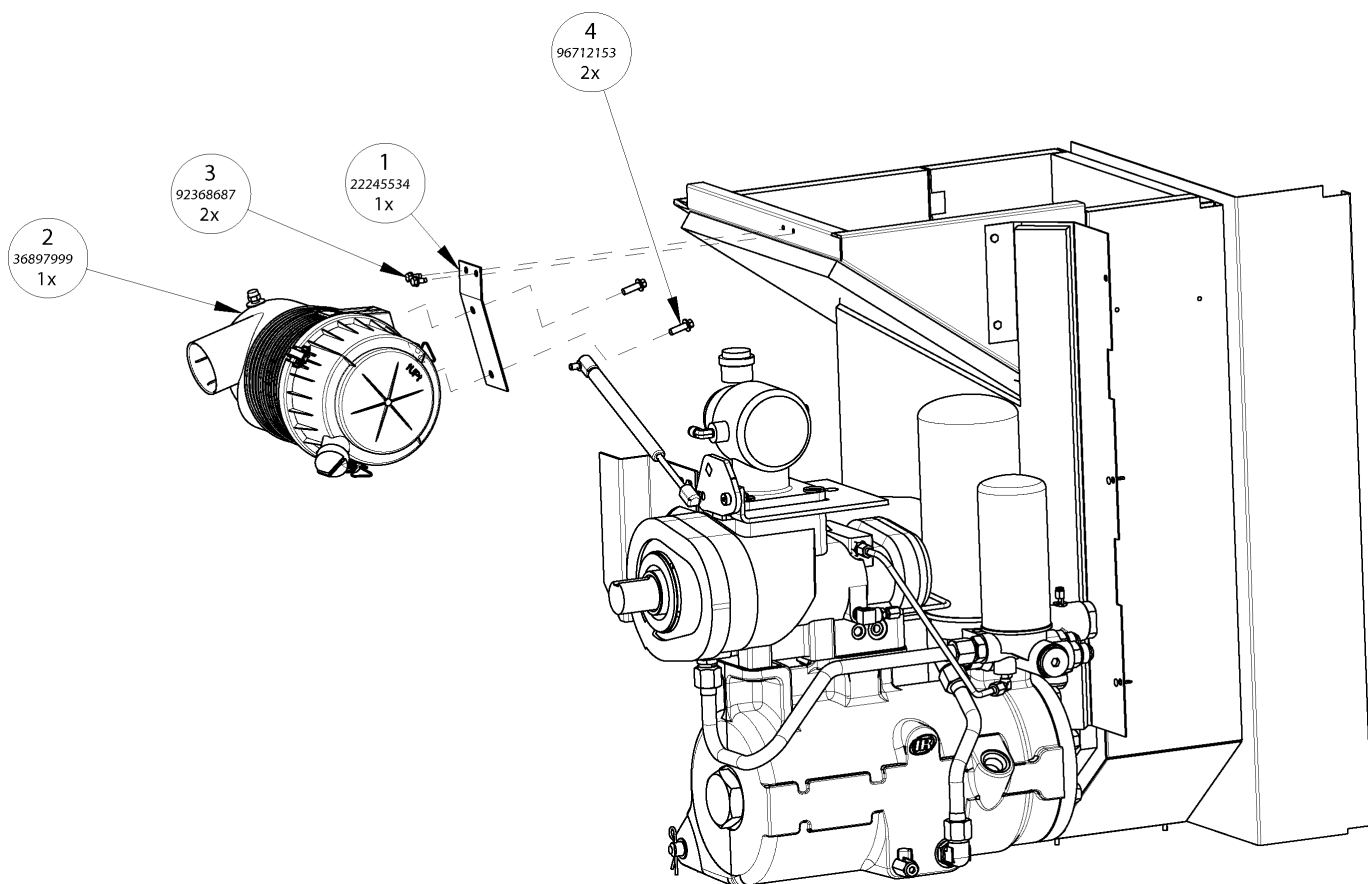
(Dwg. 22173942C3)

### PARTS LIST

Item	Part No.	Description	Qty.
1	89265300	AIR FILTERMANN PICOLINO	1
2	95340683	CLAMP, HOSE WORM DRIVE STAINLESS STEEL	1

# HIGH DUST AIR FILTER ASSEMBLY DRAWING AND PARTS LIST

## Assemble Air Filter And Bracket



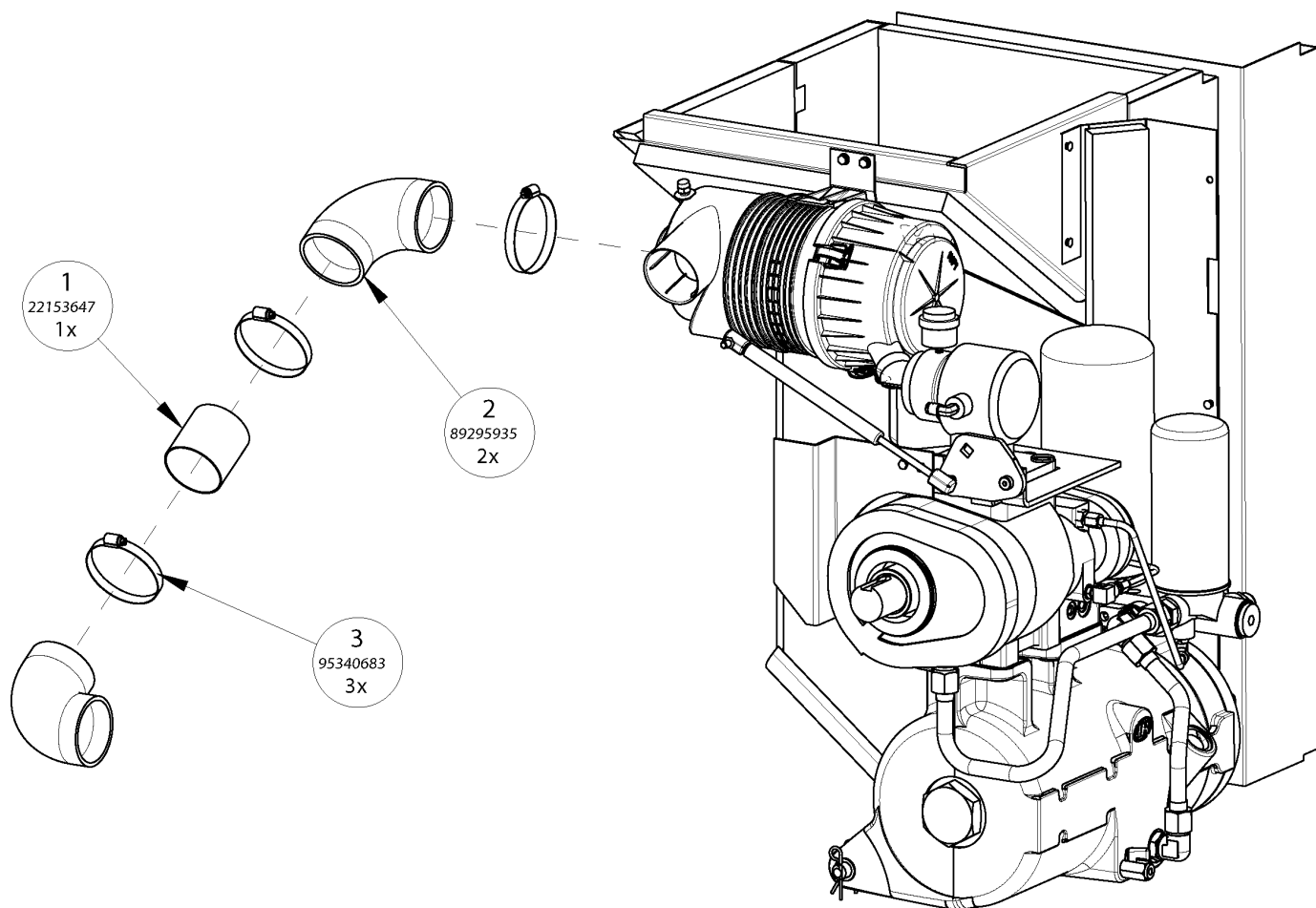
(Dwg. 22173959E2)

### PARTS LIST

Item	Part No.	Description	Qty.
1	22245534	BRACKET, HIGH DUSTAIR FILTER SUPPORT	1
2	36897999	IR CLEANER ASSEMBLY	1
3	92368687	SCREW, TPG M6 X 1.0 X 14 LG	2
4	96712153	SCREW, HEX HEAD FLANGEM8 X 25.0 LONG	2

# HIGH DUST AIR FILTER ASSEMBLY DRAWING AND PARTS LIST

## Assemble Rubber Elbows



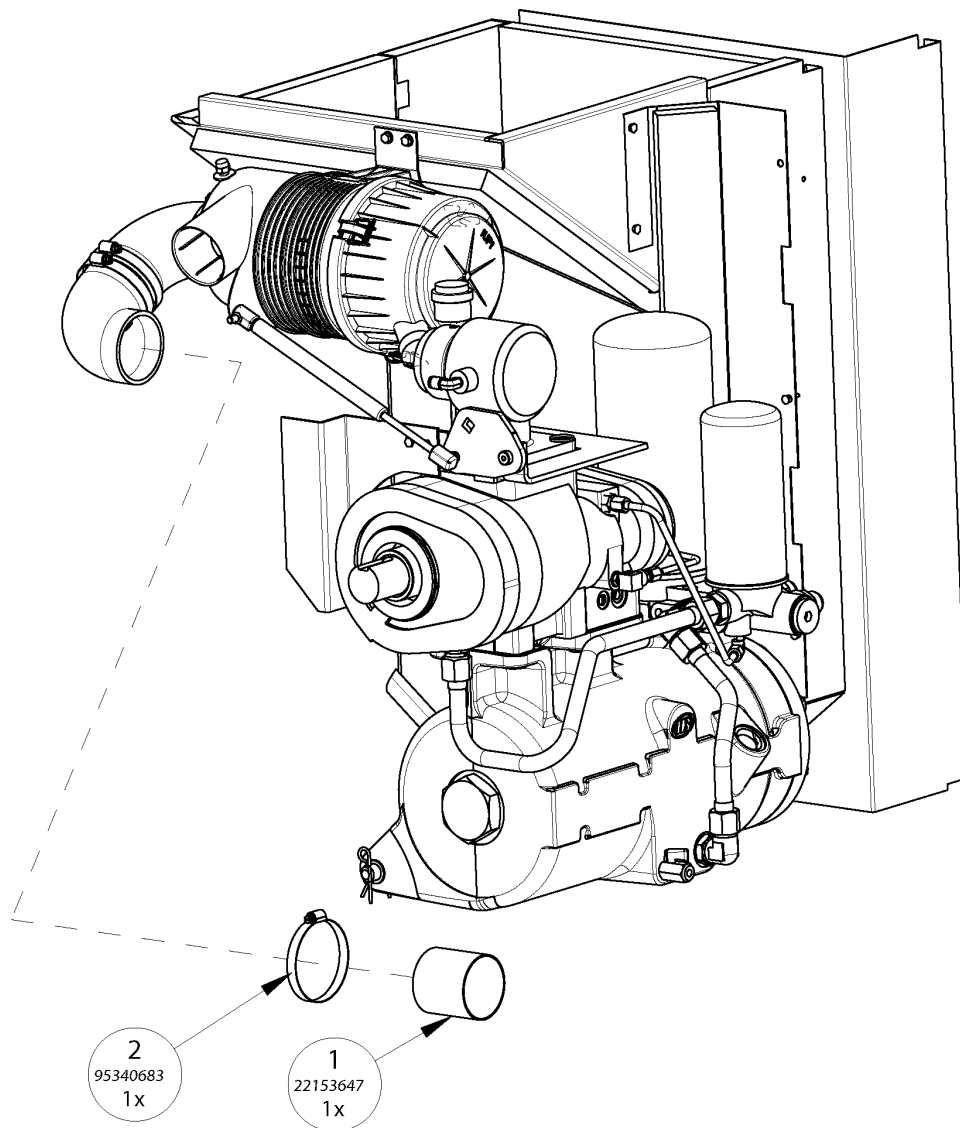
(Dwg. 22173959E3)

### PARTS LIST

Item	Part No.	Description	Qty.
1	22153647	COUPLING, INLET HOSE(75mm LONG)	1
2	89295935	HOSE, AIR FILTERUNLOADER (90DEG BEND)	2
3	95340683	CLAMP, HOSE WORM DRIVESTAINLESS STEEL	3

# HIGH DUST AIR FILTER ASSEMBLY DRAWING AND PARTS LIST

## Assemble Coupling For Inlet Hose



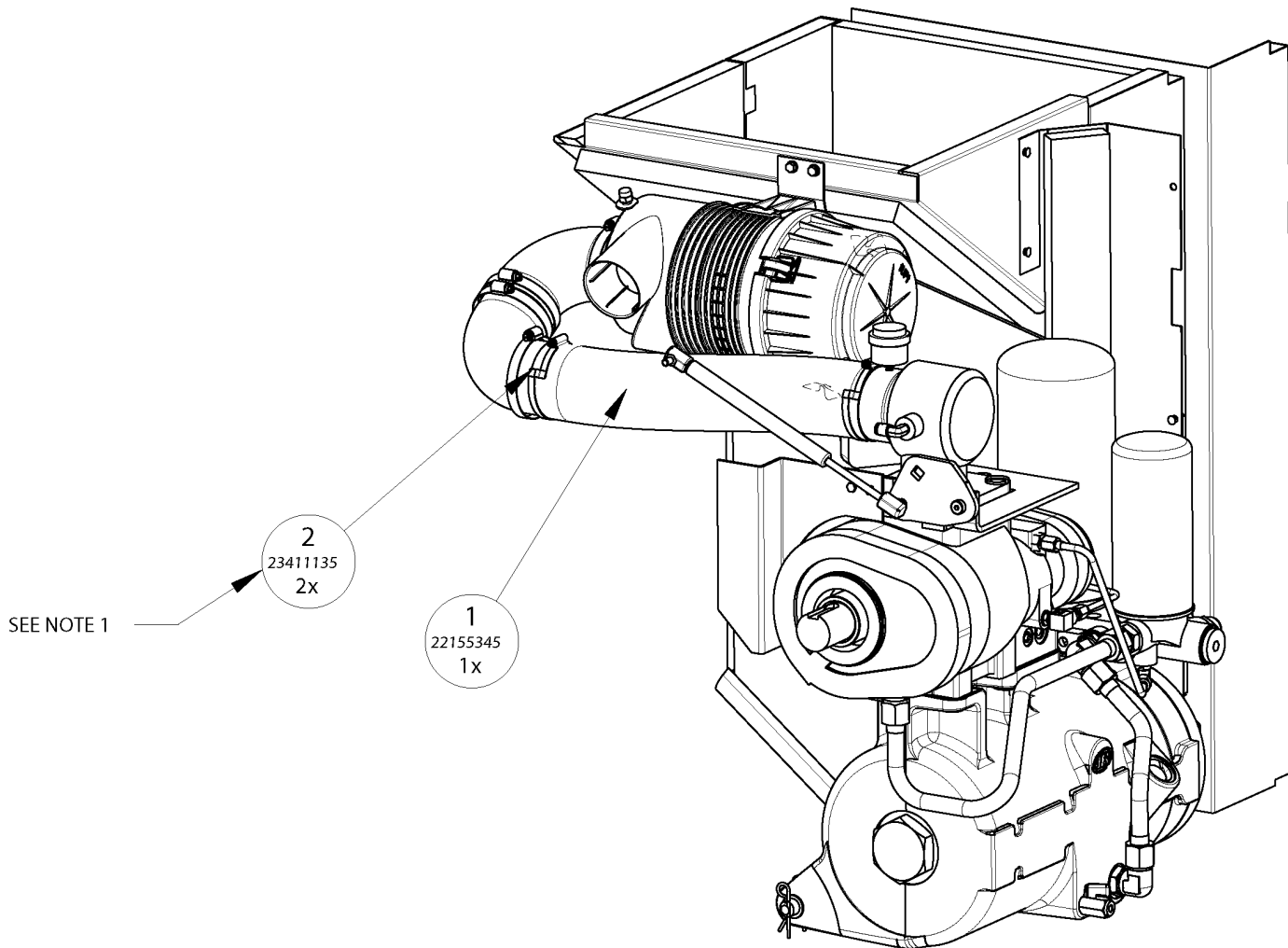
(Dwg. 22173959E4)

### PARTS LIST

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

# HIGH DUST AIR FILTER ASSEMBLY DRAWING AND PARTS LIST

## Assemble Air Inlet Hose



(Dwg. 22173959E5)

### PARTS LIST

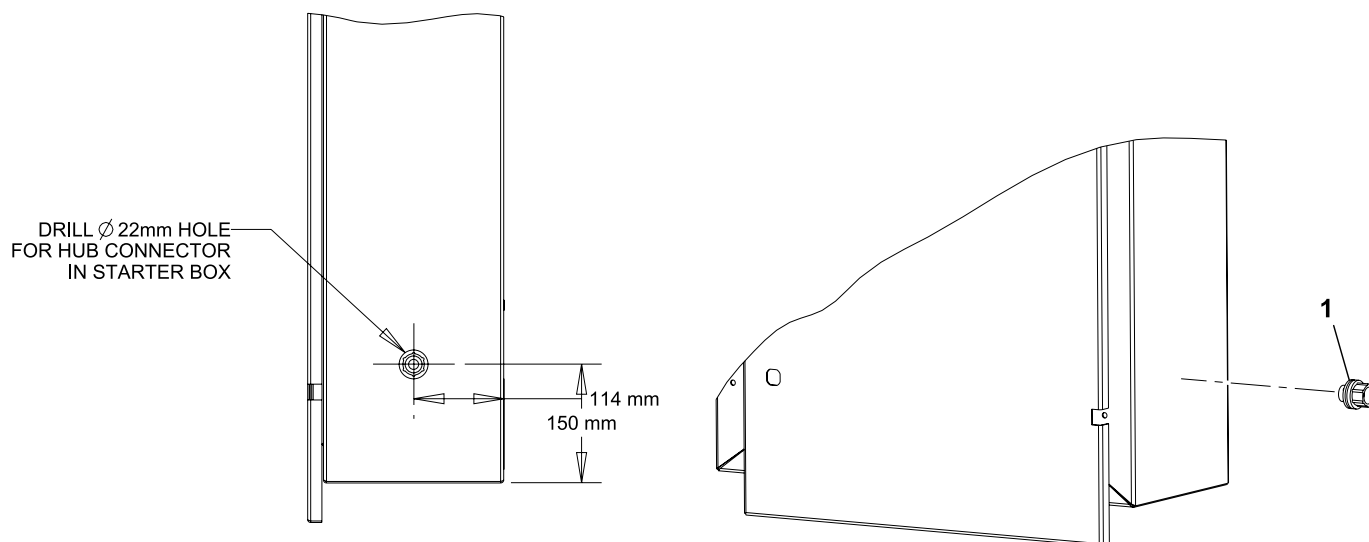
Item	Part No.	Description	Qty.
1	22155345	HOSE, AIR INLET(515mm LONG)	1
2	23411135	CLAMP, BRIDGE(3 INCH)	2

### NOTES:

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

**PORO OPTION ASSEMBLY DRAWING AND PARTS LIST**

**Cut Hole In Starter Box And Assemble Hub**



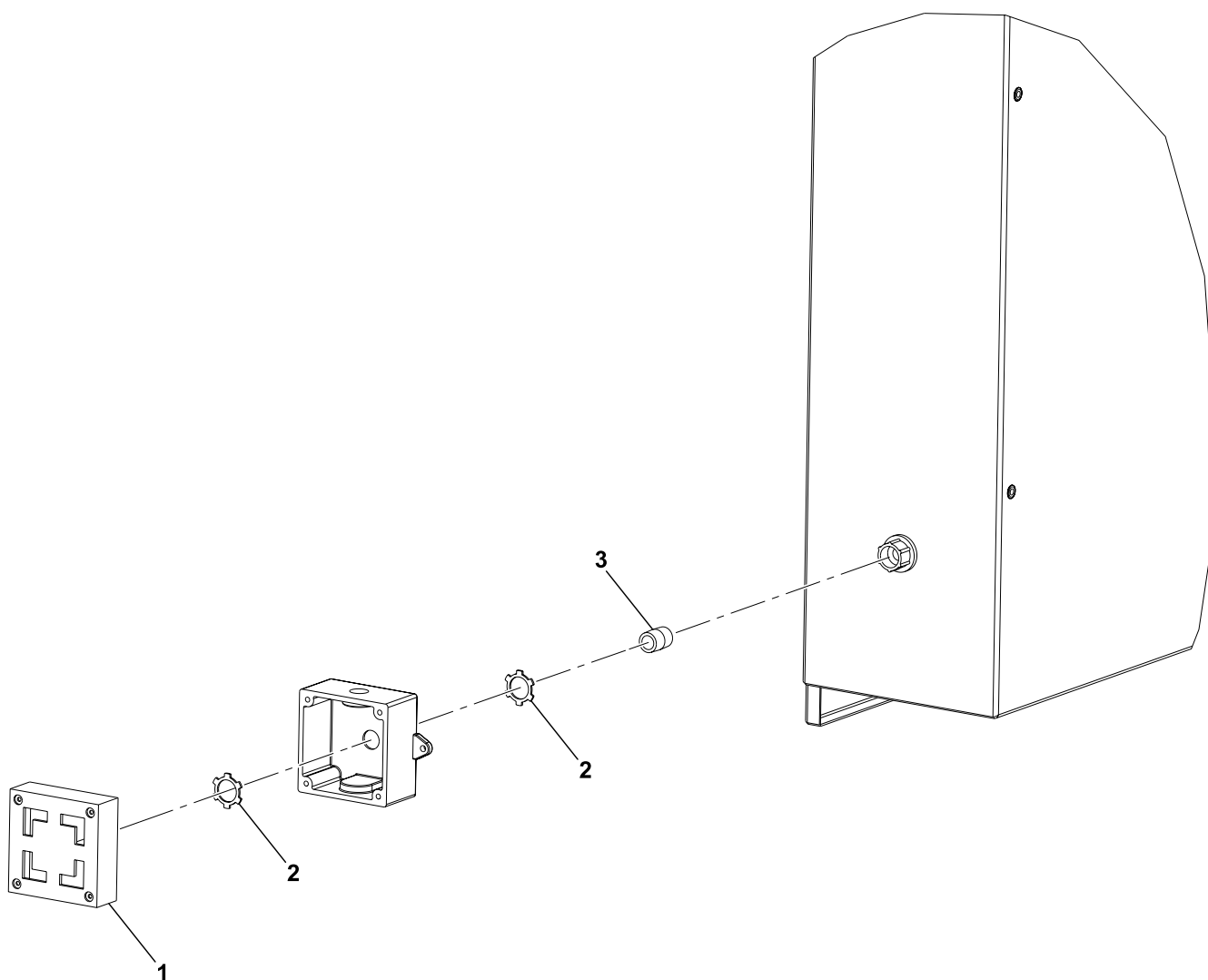
(Dwg. 48784037A2)

**PARTS LIST**

Item	Part No.	Description	Qty.
1	35275494	HUB	1

## PORO OPTION ASSEMBLY DRAWING AND PARTS LIST

### Assemble Horn



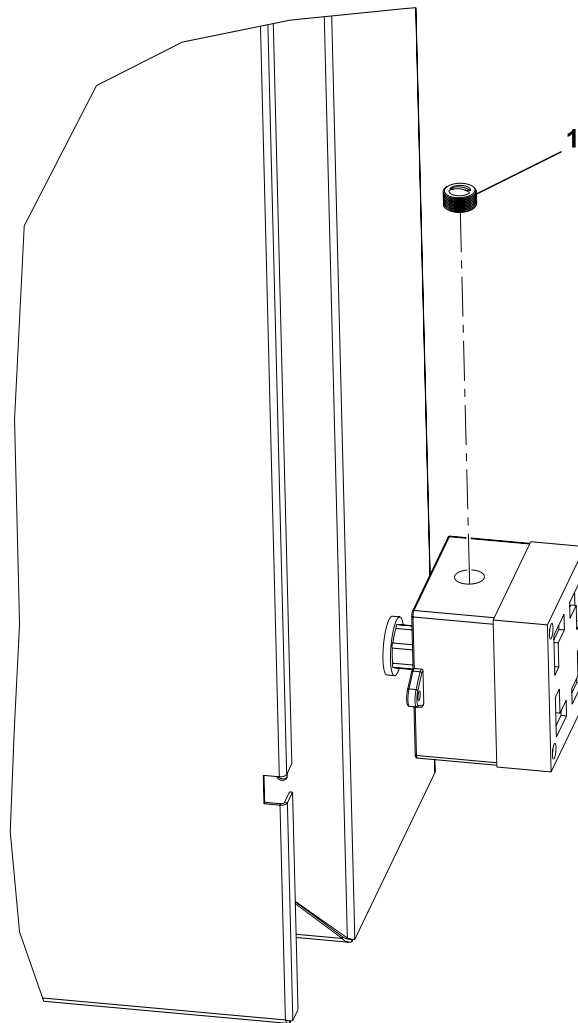
(Dwg. 48784037A3)

#### PARTS LIST

Item	Part No.	Description	Qty.
1	39100136	MOD ALRM HORN W/WEATHER RESISTANT BACK BOX	1
2	39108949	LOCKNUT	2
3	95934279	NIPPLE, EXTRA STRONG	1

**PORO OPTION ASSEMBLY DRAWING AND PARTS LIST**

**Assemble Plug**



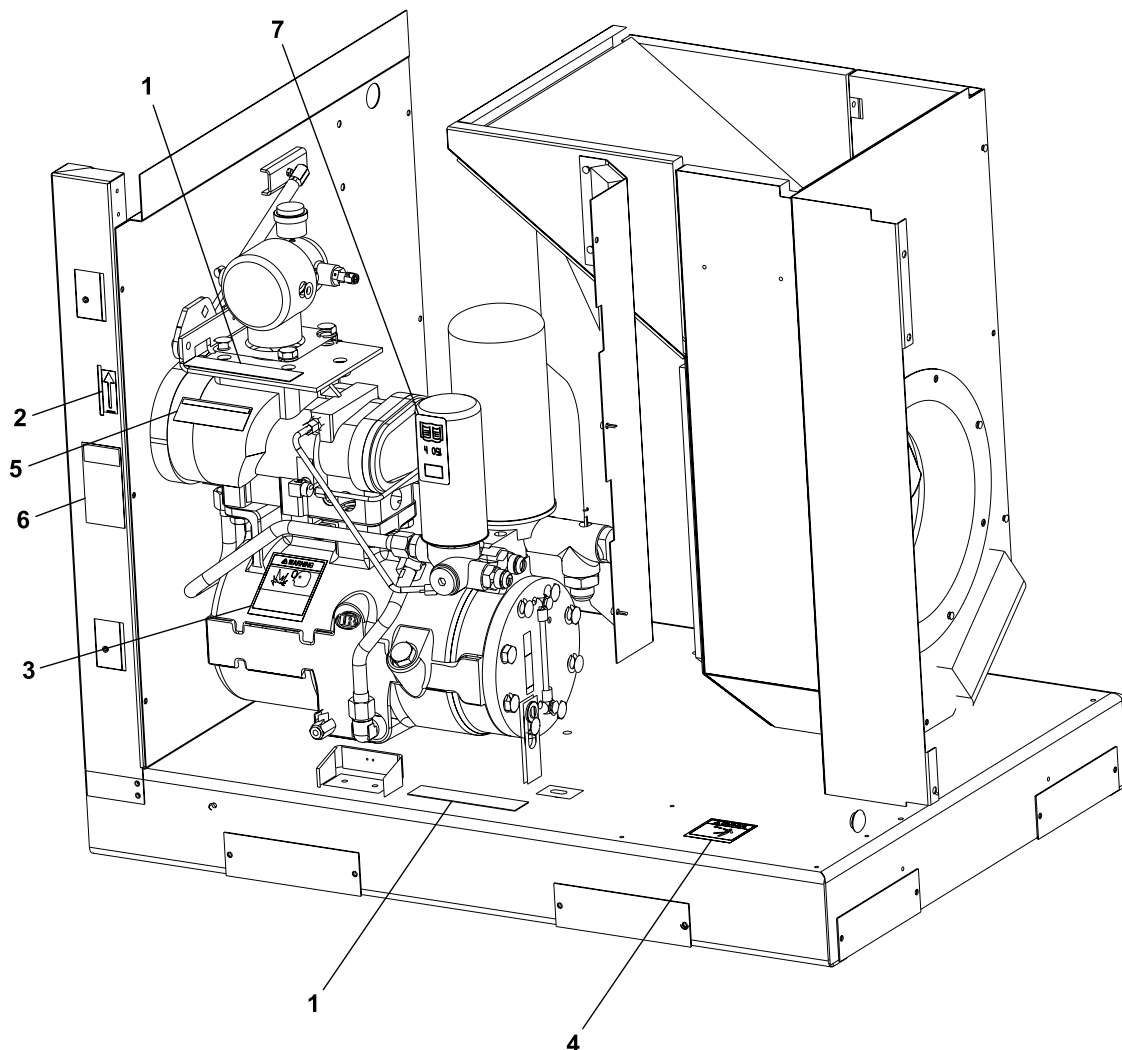
(Dwg. 48784037A4)

**PARTS LIST**

Item	Part No.	Description	Qty.
1	39146733	1/2" HOLE PLUG	1

## 60 HZ DECAL ASSEMBLY DRAWING AND PARTS LIST

### Assembly, Internal Decals A



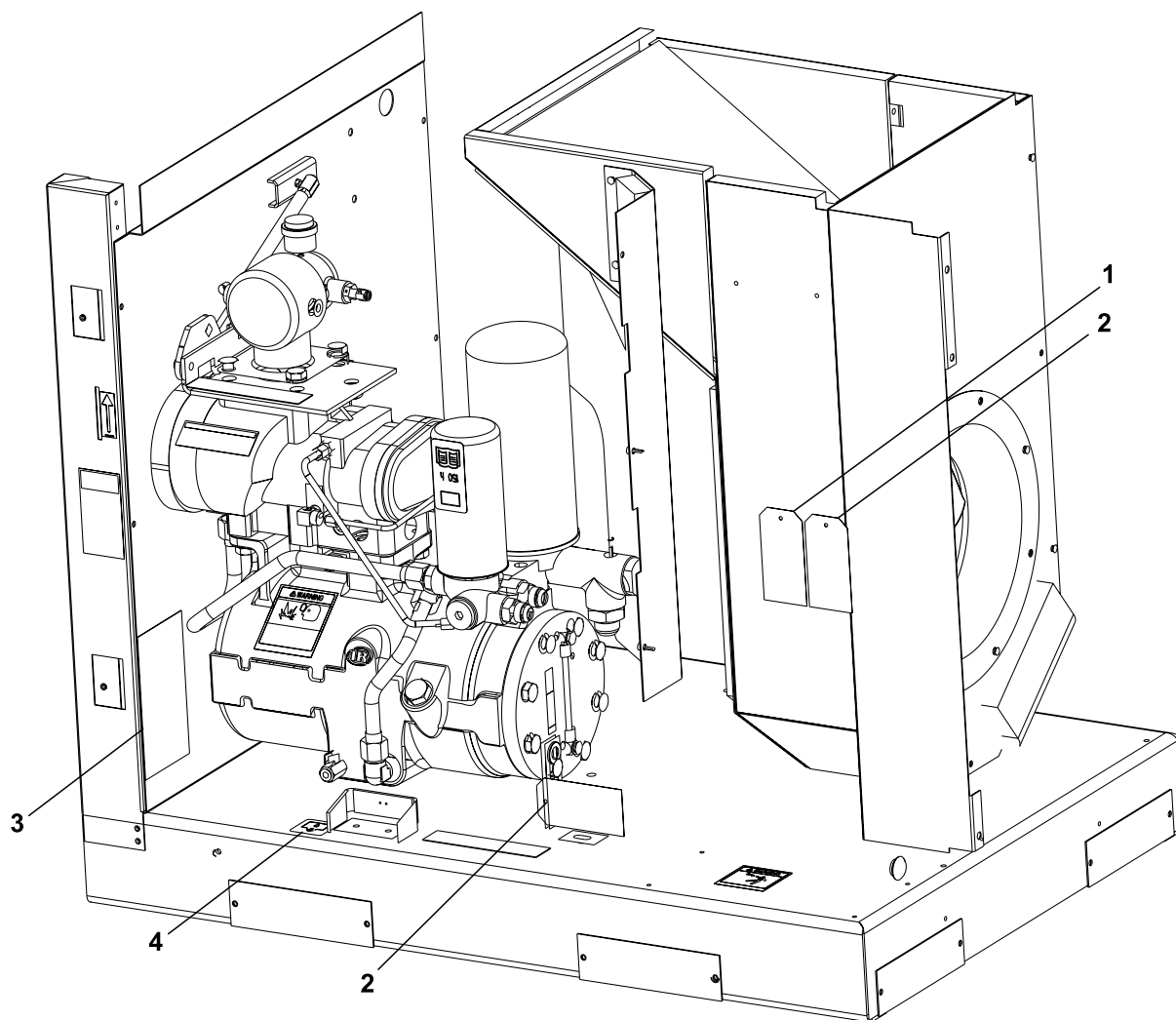
(Dwg. 48775134A2)

#### PARTS LIST

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

## 60 HZ DECAL ASSEMBLY DRAWING AND PARTS LIST

### Assembly, Internal Decals B



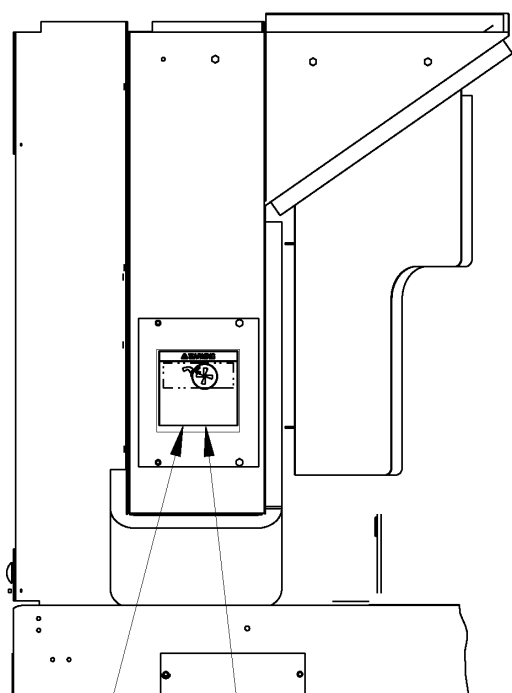
(Dwg. 48775134A3)

#### PARTS LIST

Item	Part No.	Description	Qty.
1	22115703	TAG, ROTATION 60HZ	1
2	32344095	TAG, SHIPPING BRACKET	2
3	48776173	DECAL, MAINTENANCE SCHEDULE, 60 Hz ULTRA	1
	24097685	DECAL, MAINTENANCE SCHEDULE, 60 Hz ULTRA FG	1
	24098386	DECAL, MAINTENANCE SCHEDULE, 60 Hz ULTRA EL	1
4	93166460	DECAL, COOLANT DRAIN	1

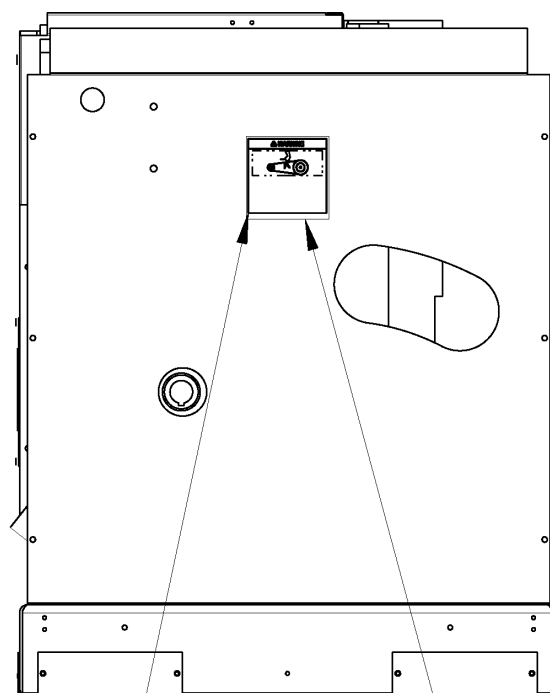
## 60 HZ DECAL ASSEMBLY DRAWING AND PARTS LIST

### 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

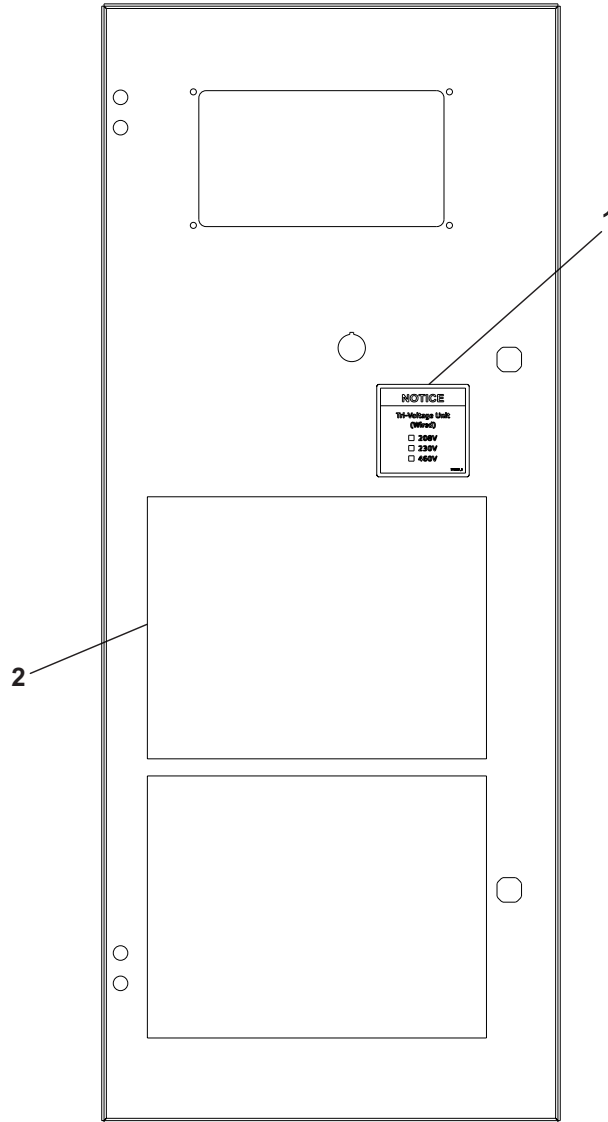
(Dwg. 48775134A4)

#### 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



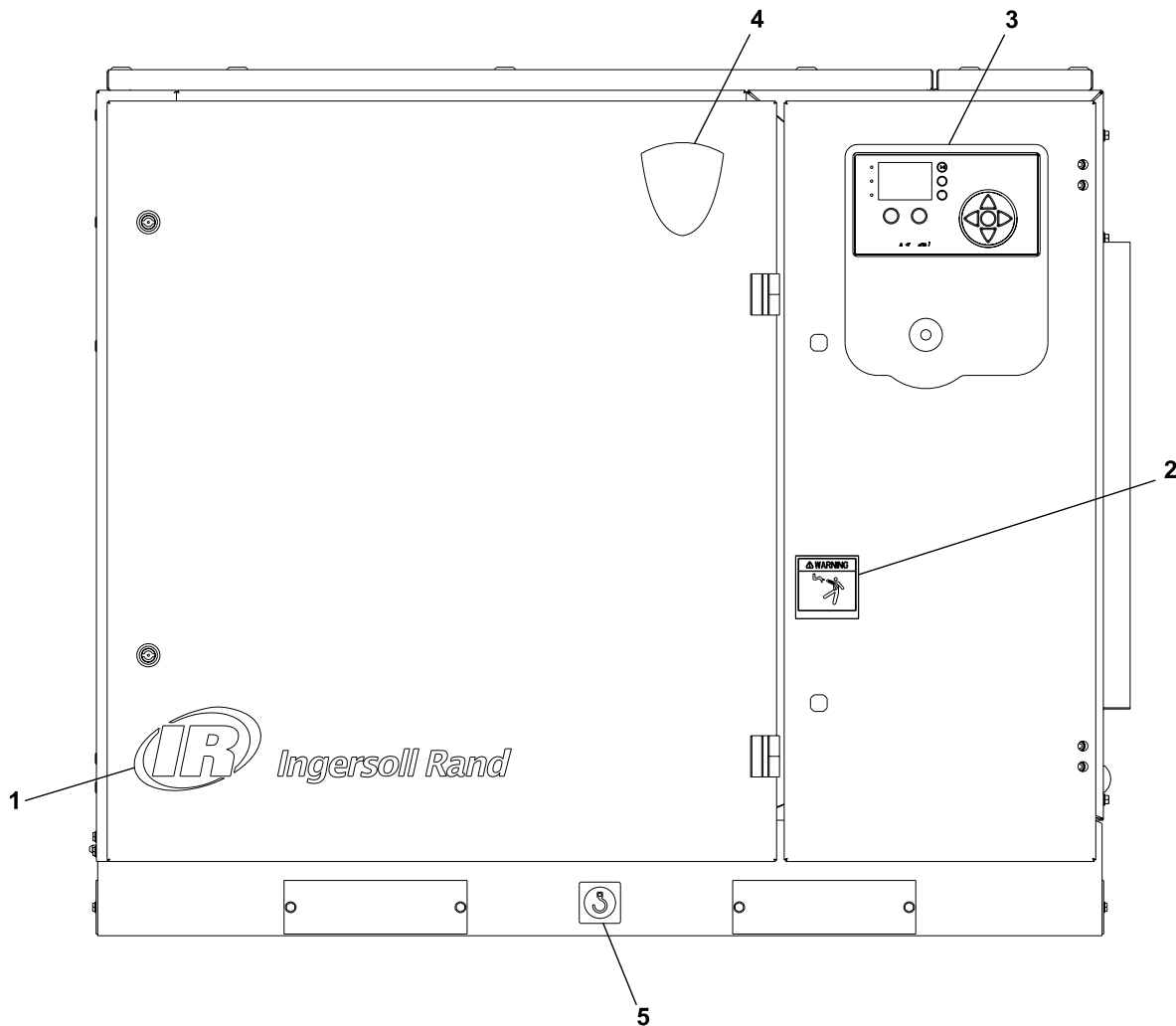
(Dwg. 48775134B5)

### PARTS LIST

Item	Part No.	Description	Qty.
1	24795221	DECAL, NOTICE, VOLTAGE WIRED UNIT	2
2	48775233	SCHEMATIC, ELECTRICAL DIAGRAM, S/D, Xe-70M(FS-SD)	1

## 60 HZ DECAL ASSEMBLY DRAWING AND PARTS LIST

### Assembly, Front And Rear Decals



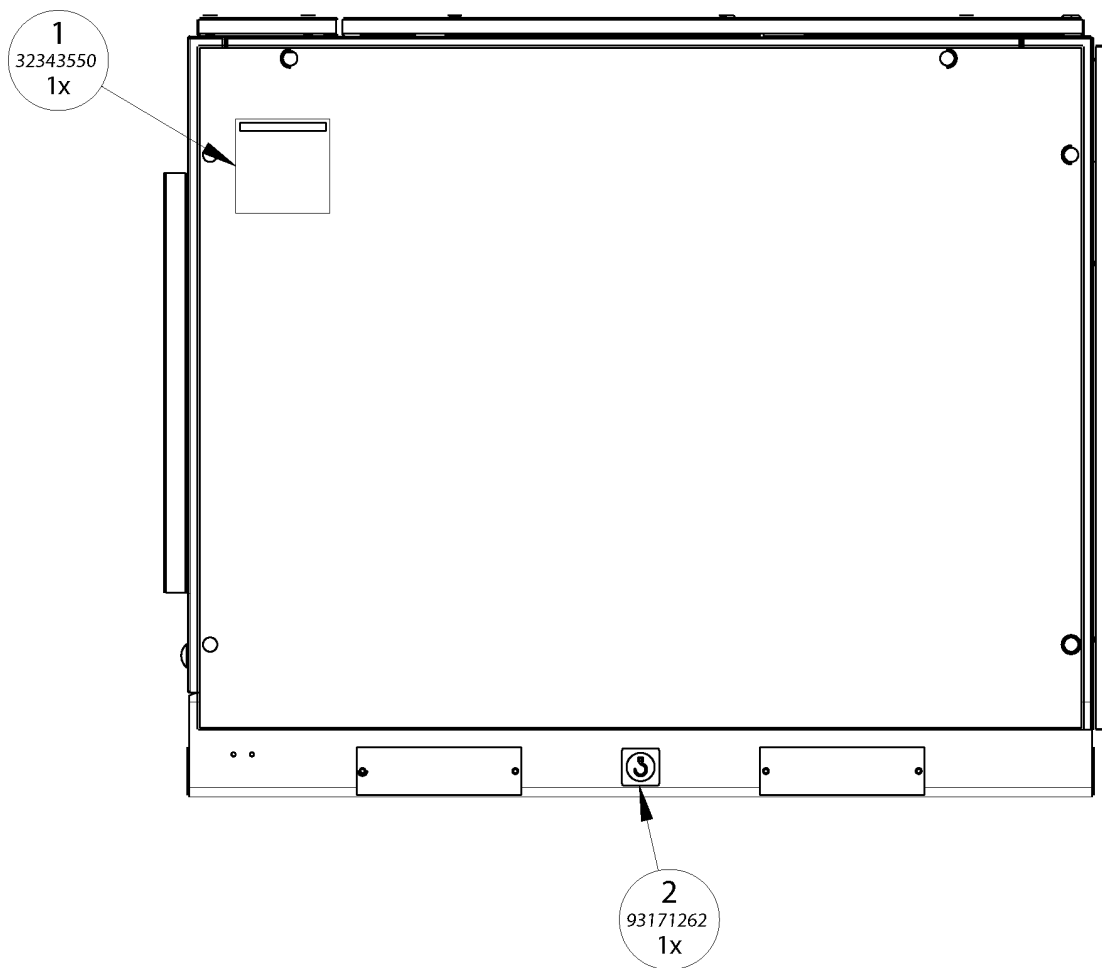
(Dwg. 48775134A6)

#### PARTS LIST

Item	Part No.	Description	Qty.
1	23038466	DECAL, IR LOGO 18 IN	1
2	32343568	DECAL, WARNING HAZARDOUS VOLTAGE	1
3	47500205	DECAL, FACIA XE-70	1
4	81295990	DECAL, AIR SHIELD USA	1
5	93171262	DECAL, LIFT HERE	1

**60 HZ DECAL ASSEMBLY DRAWING AND PARTS LIST**

**Assembly, Back Decals**



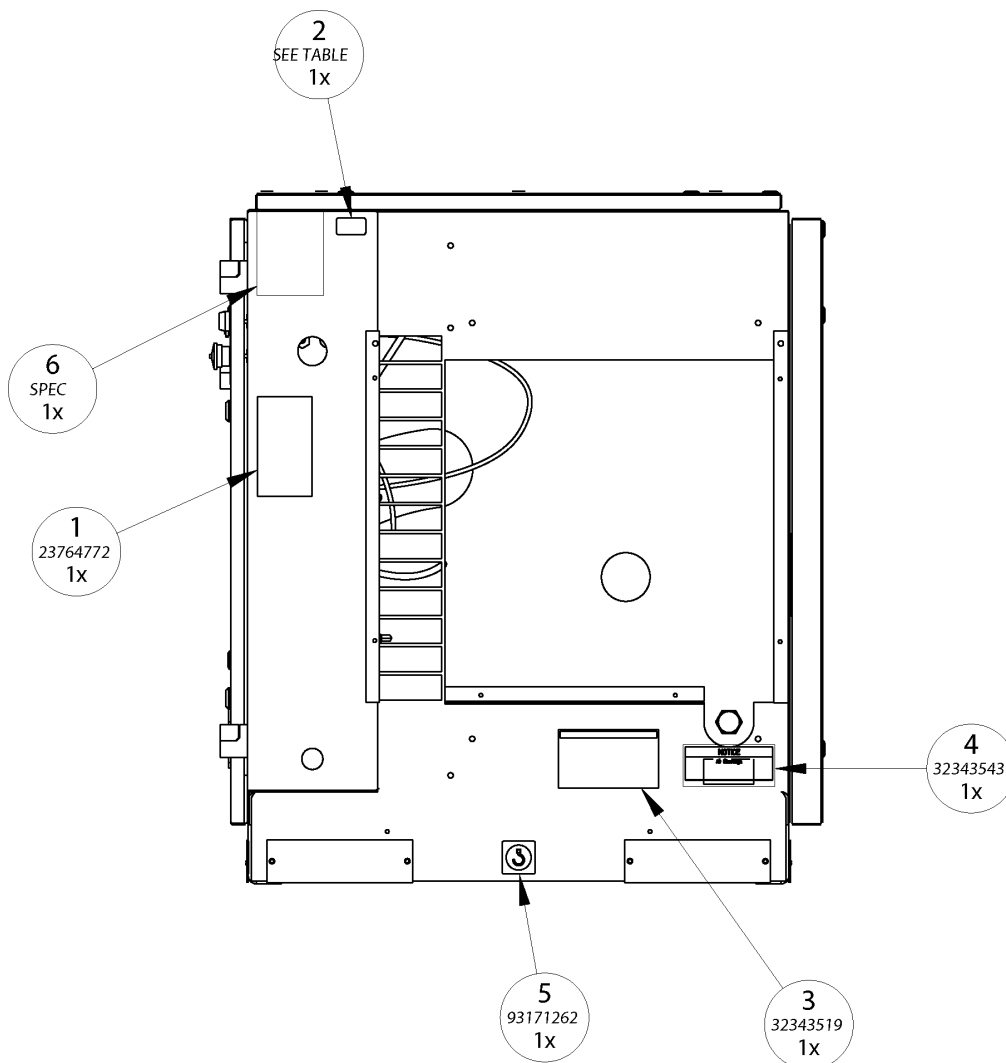
(Dwg. 48775134A7)

**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



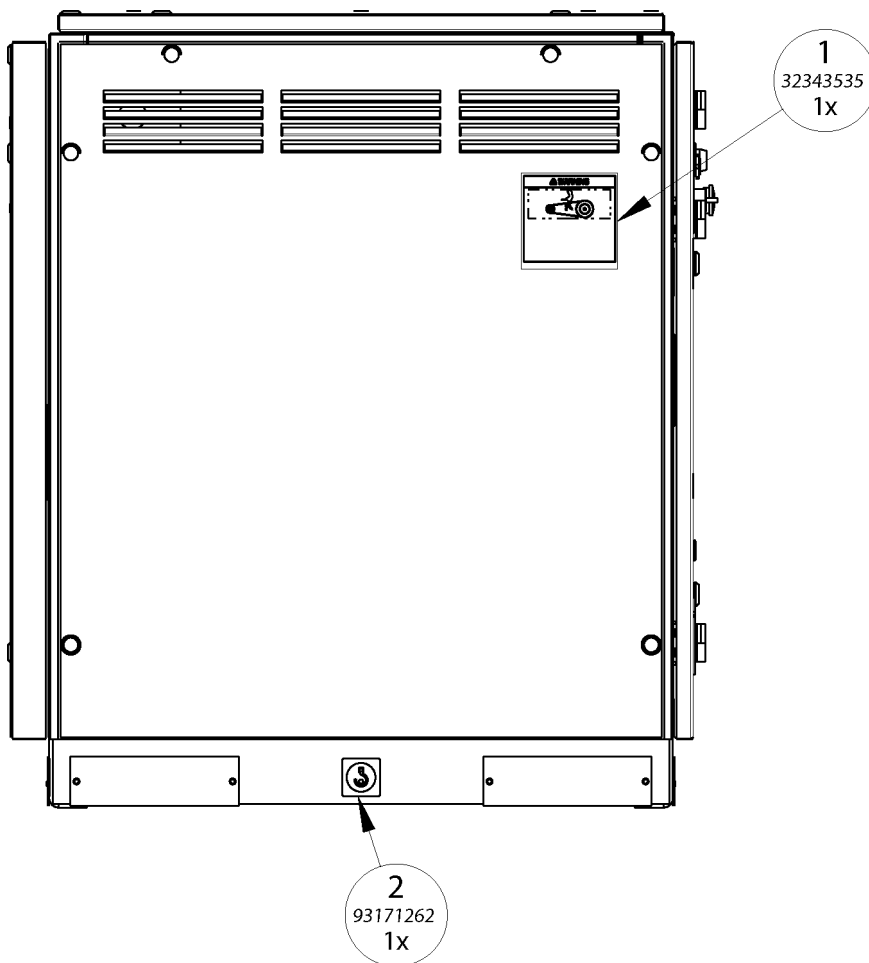
(Dwg. 48775134A8)

### PARTS LIST

Item	Part No.	Description	Qty.
1	23764772	DECAL, CAGI PERFORMANCE VERIFICATION25HP & LARGER ONLY (US MARKET ONLY)	2
2	32236481	DECAL, VOLTAGE 380	1
	32177305	DECAL, VOLTAGE 575	1
3	32343519	DECAL, DANGER CONTAMINATEDAIR	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



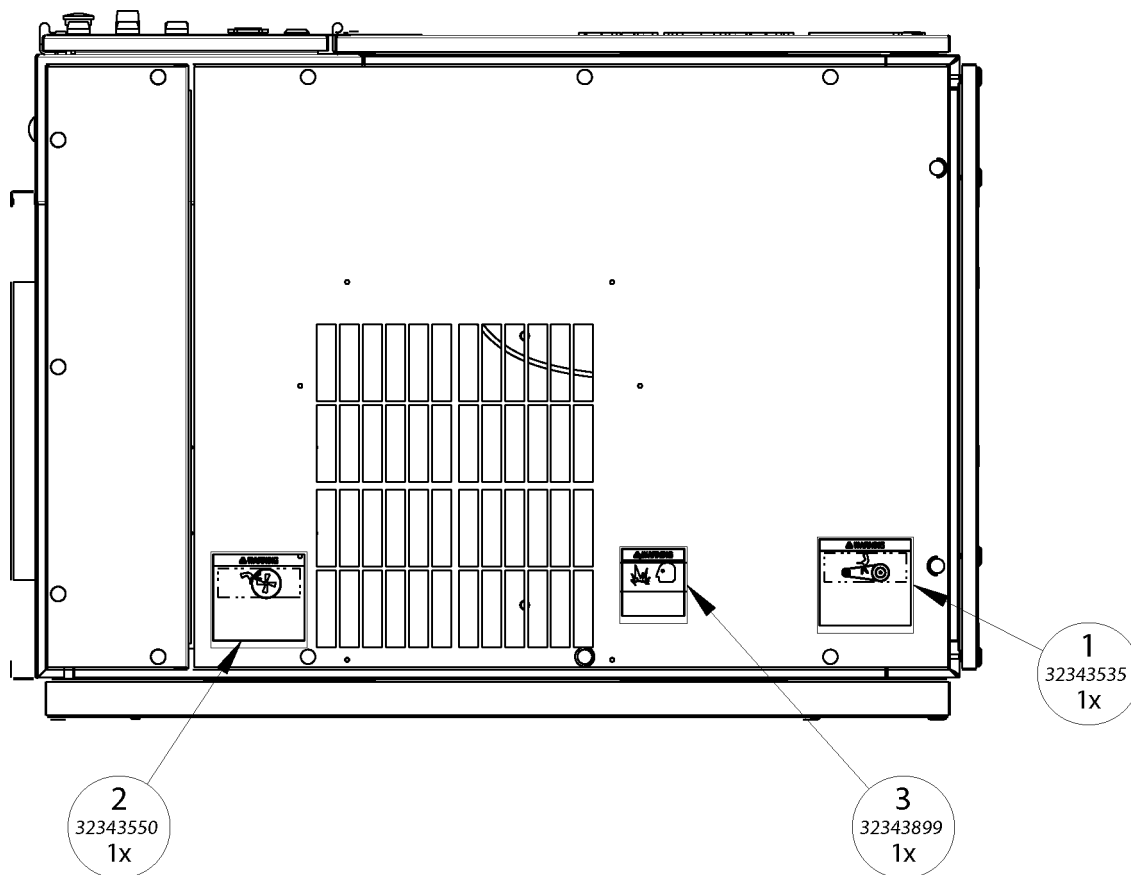
(Dwg. 48775134A9)

#### 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



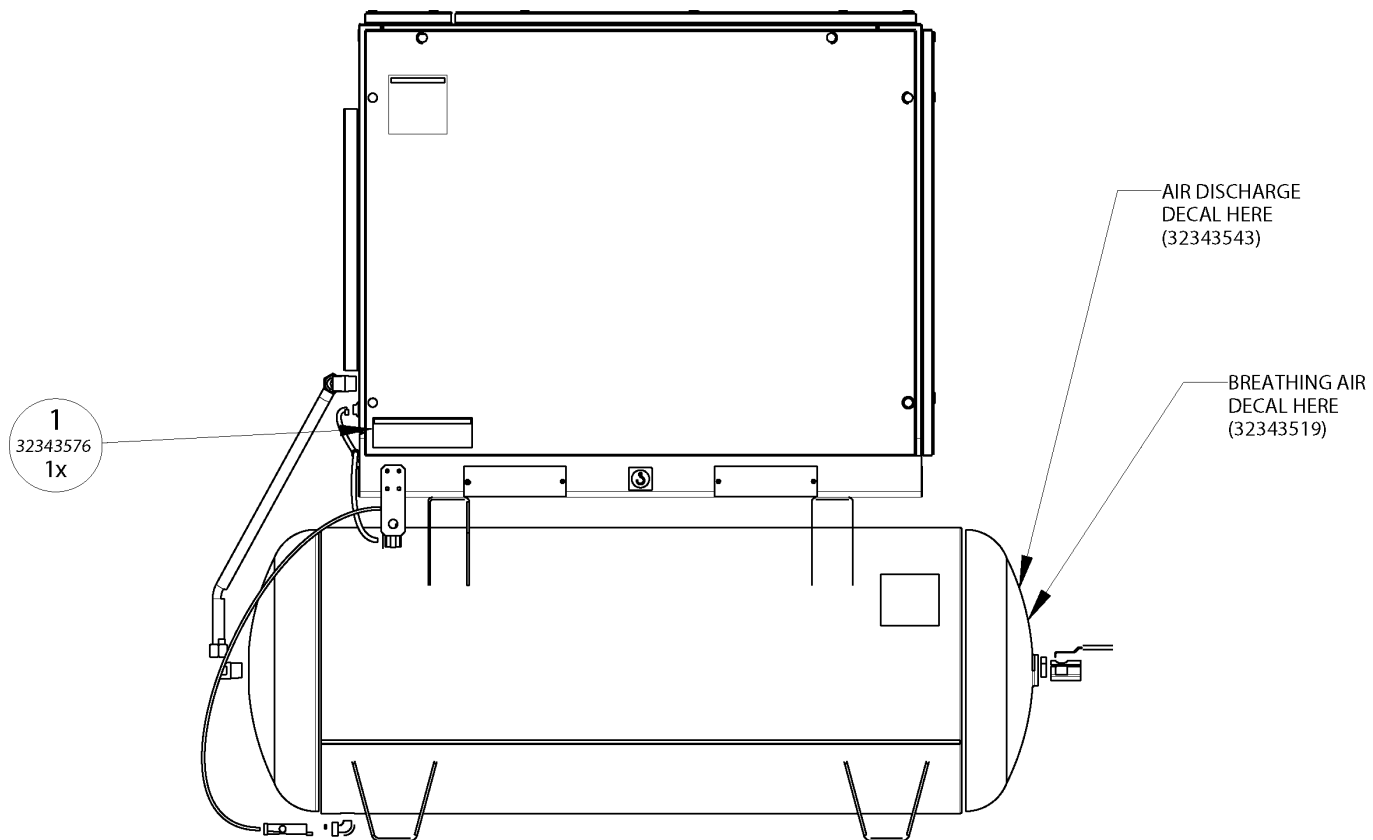
(Dwg. 48775134A10)

#### 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



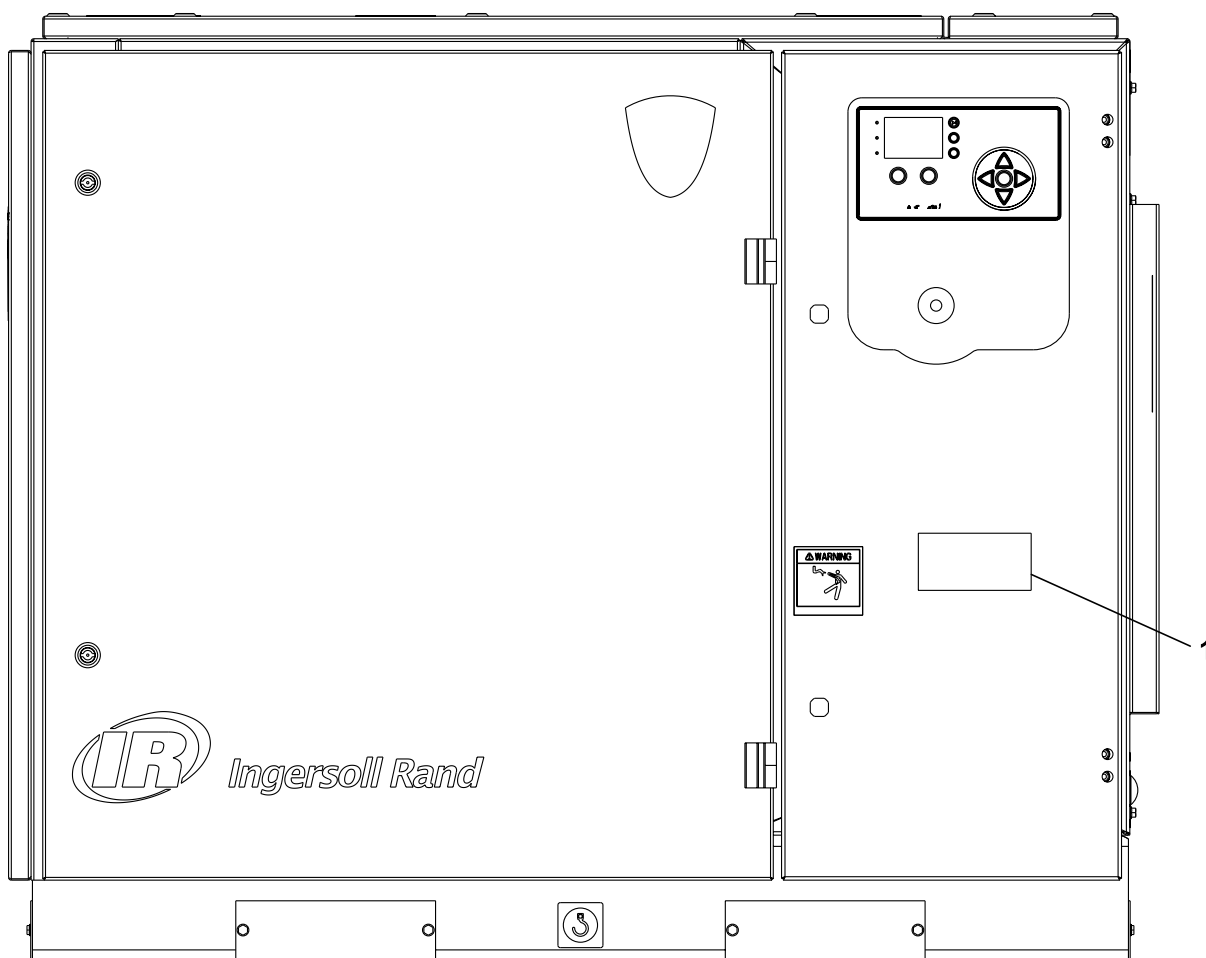
(Dwg.48775134A11)

### PARTS LIST

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

## 60 HZ DECAL ASSEMBLY DRAWING AND PARTS LIST

### Assembly, Poro Decals



(Dwg.48775134A12)

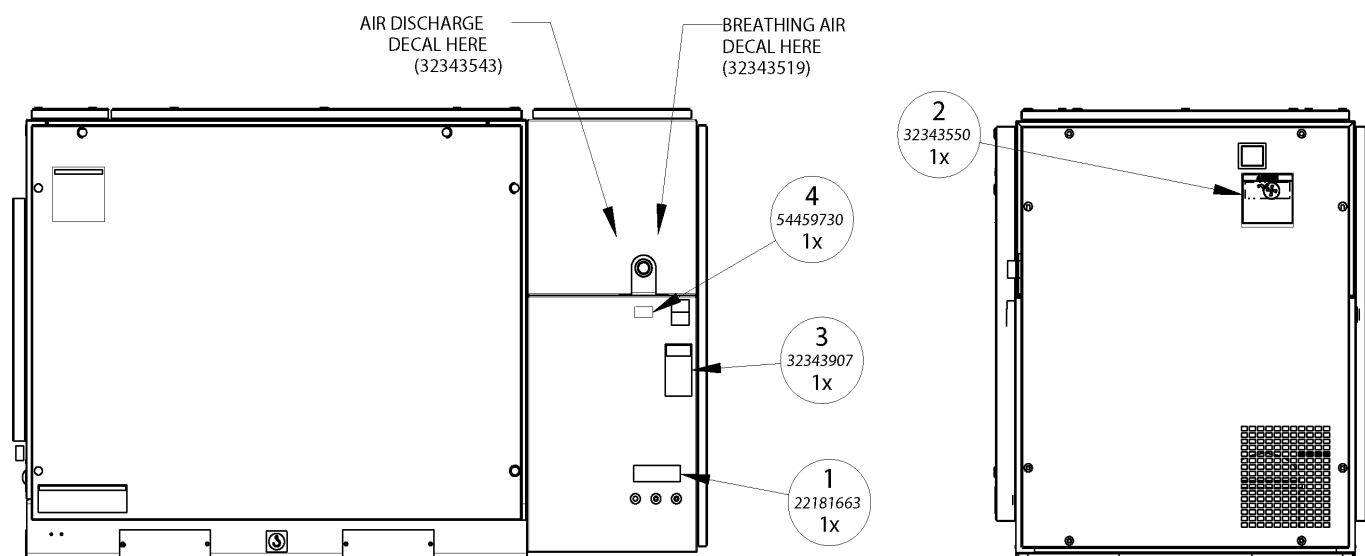
#### PARTS LIST

Item	Part No.	Description	Qty.
1	22140545	DECAL, NOTICE, PORO	1

PORO DECAL FOR PORO OPTION ONLY

## 60 HZ DECAL ASSEMBLY DRAWING AND PARTS LIST

### Assembly, External Dryer Decals



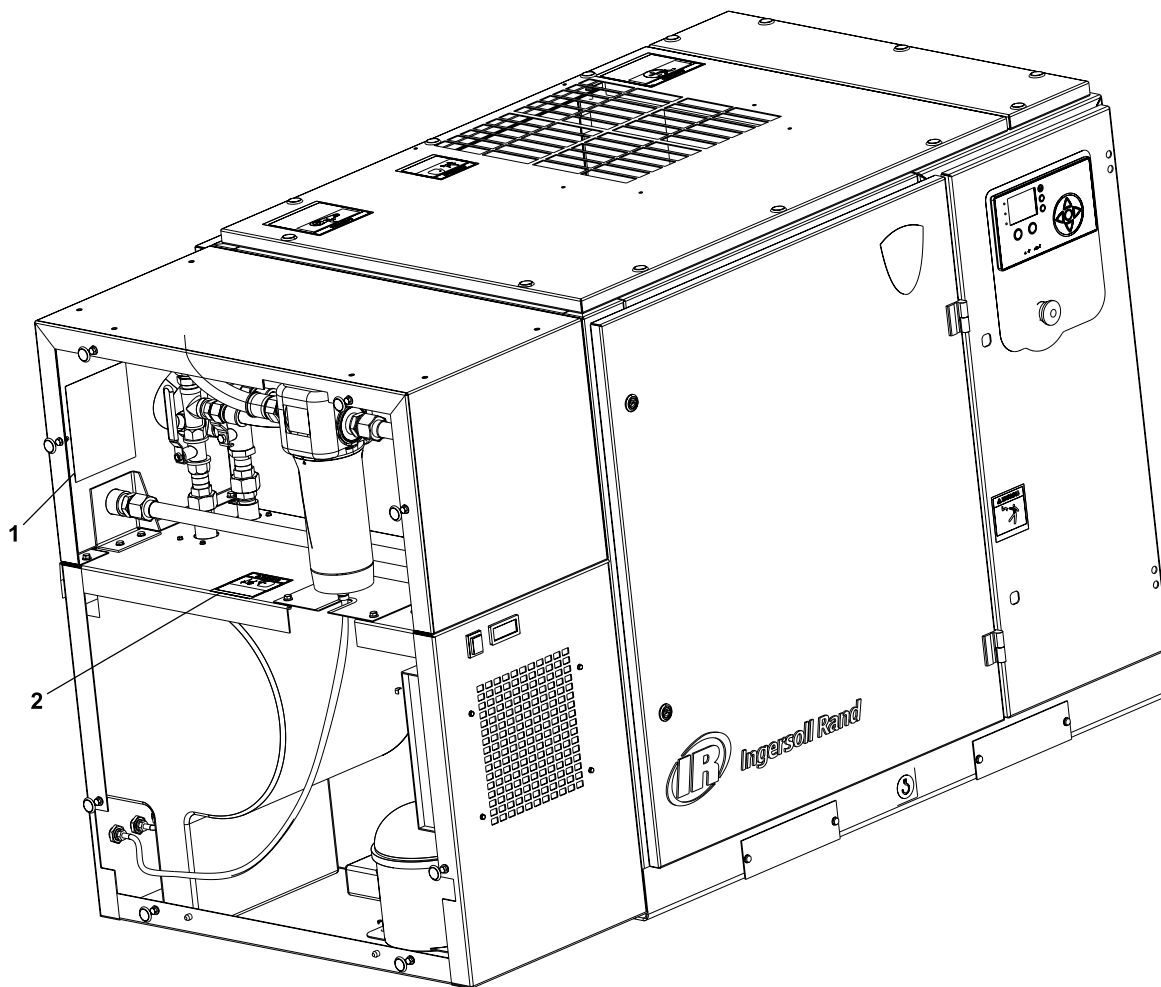
(Dwg. 48775134A13)

#### 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 With Dryer Bypass



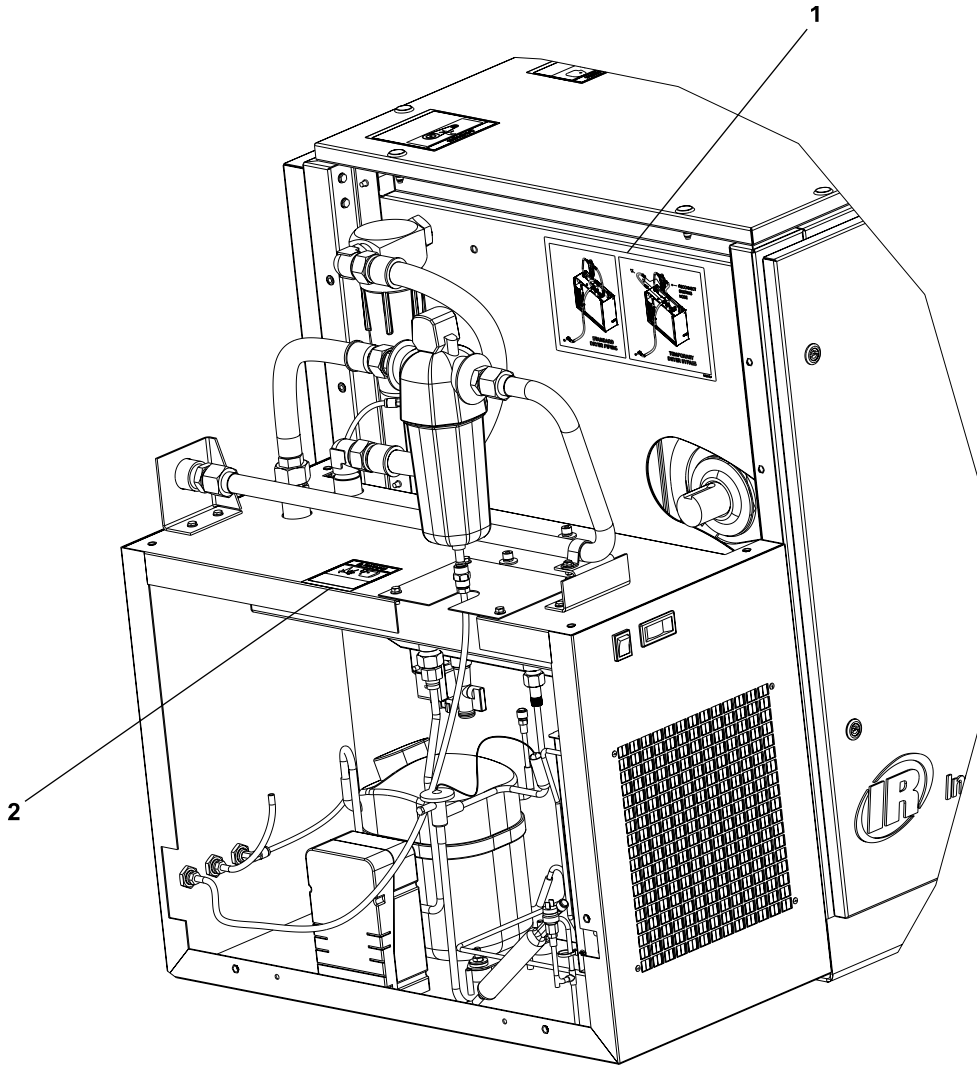
(Dwg. 48775134A14)

**PARTS LIST**

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

## 60 HZ DECAL ASSEMBLY DRAWING AND PARTS LIST

### ASSEMBLY, INTERNAL DRYER DECALS WITHOUT DRYER BYPASS



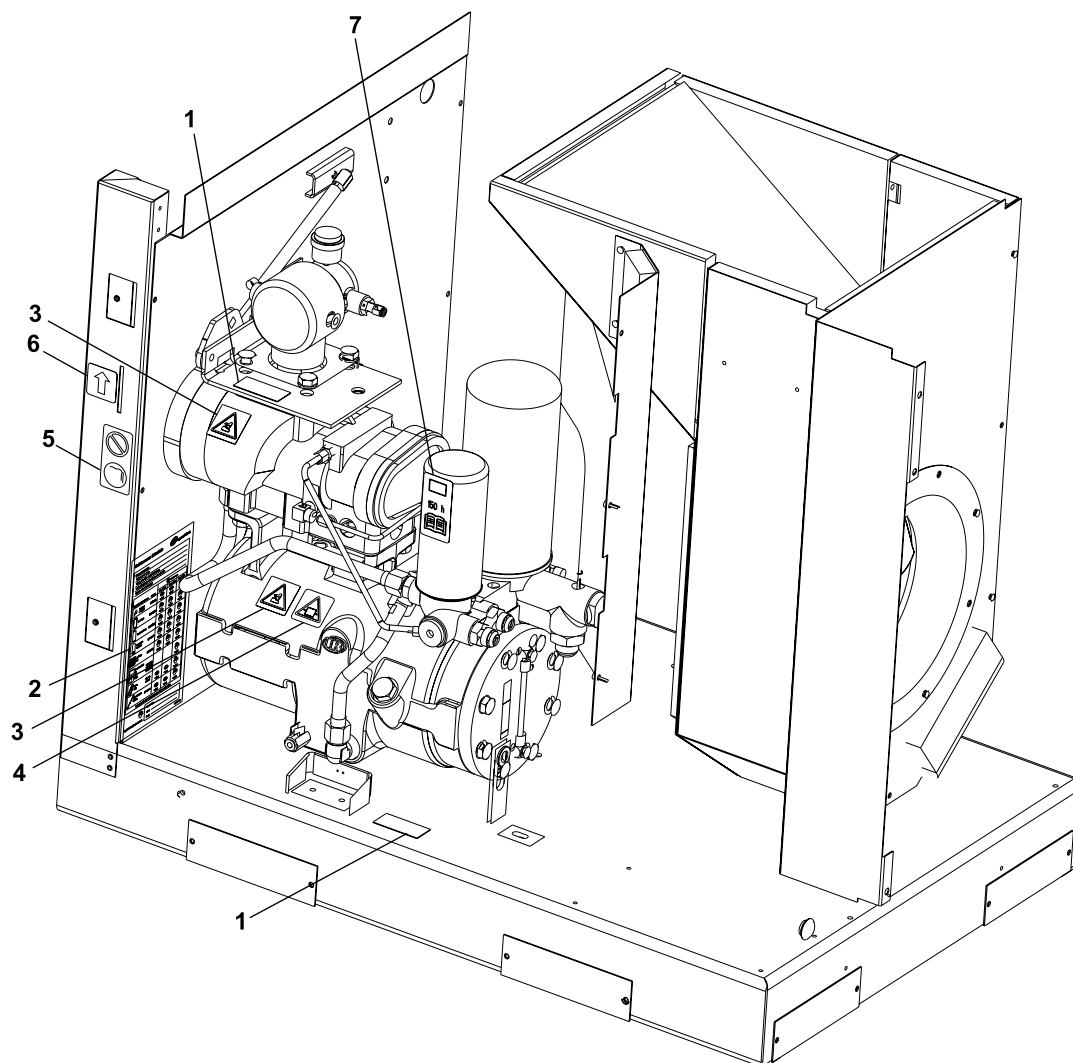
(Dwg. 48775134A15)

#### PARTS LIST

Item	Part No.	Description	Qty.
1	24605446	DECAL, DRYER BYPASS(TEMP)	1
2	32343527	DECAL, WARNING HIGH PRESSURE	1

## 50 HZ DECAL ASSEMBLY DRAWING AND PARTS LIST

### Assembly, Internal Decals A



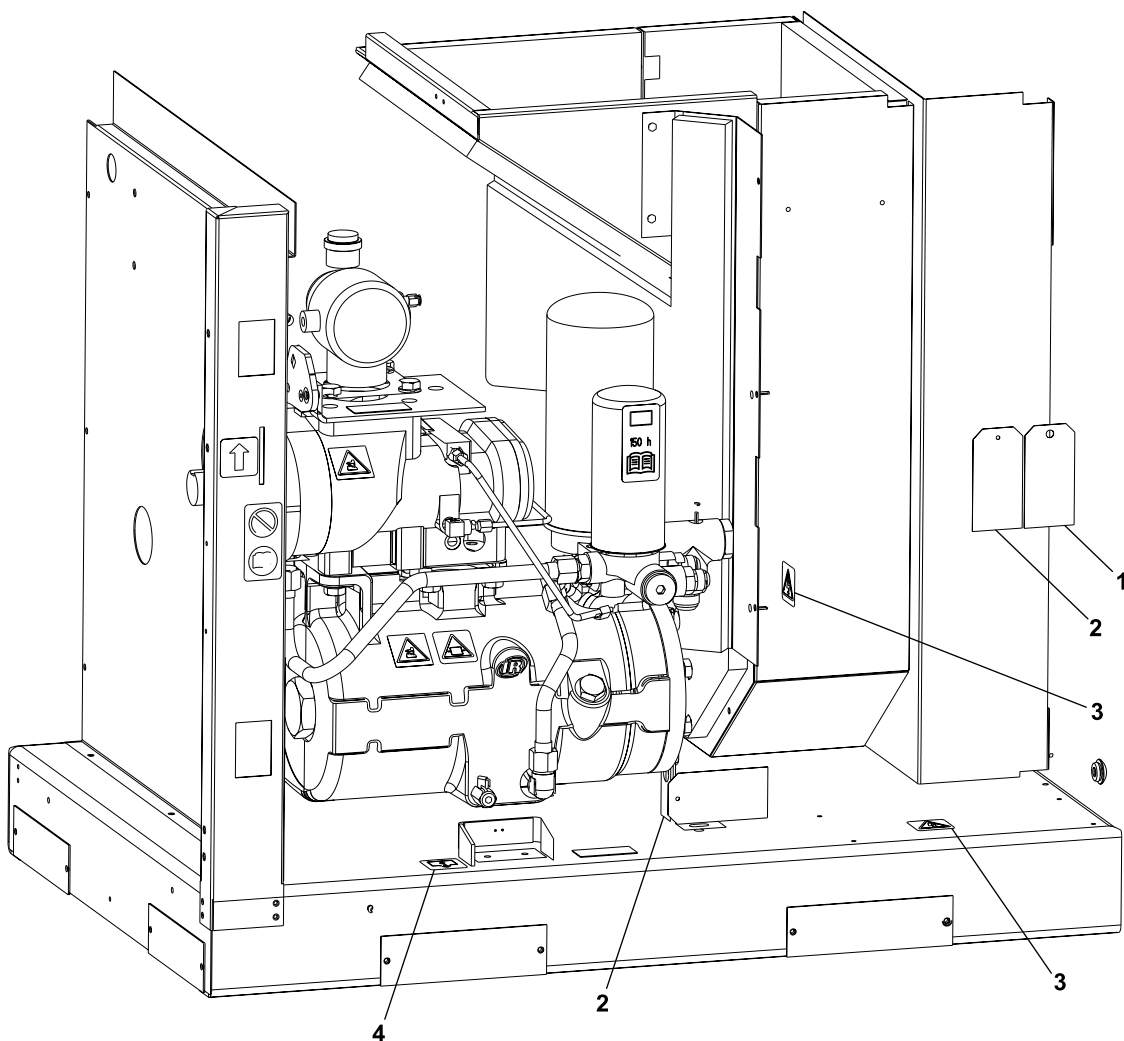
(Dwg. 48775142A2)

### PARTS LIST

Item	Part No.	Description	Qty.
1	22248520	DECAL, PINCH HAZARD ISO	2
2	48776173	DECAL, MAINTENANCE PARTS,50 Hz ULTRA	1
	24097685	DECAL, MAINTENANCE PARTS,50 Hz ULTRA FG	1
	24098386	DECAL, MAINTENANCE PARTS,50 Hz ULTRA EL	1
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



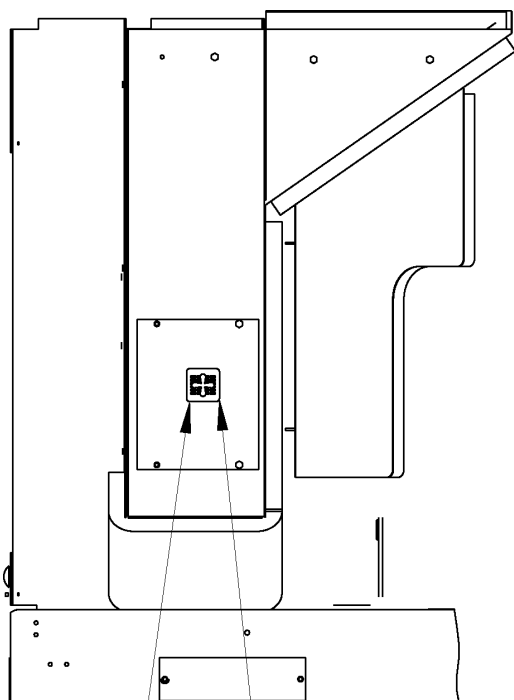
(Dwg. 48775142A3)

#### PARTS LIST

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

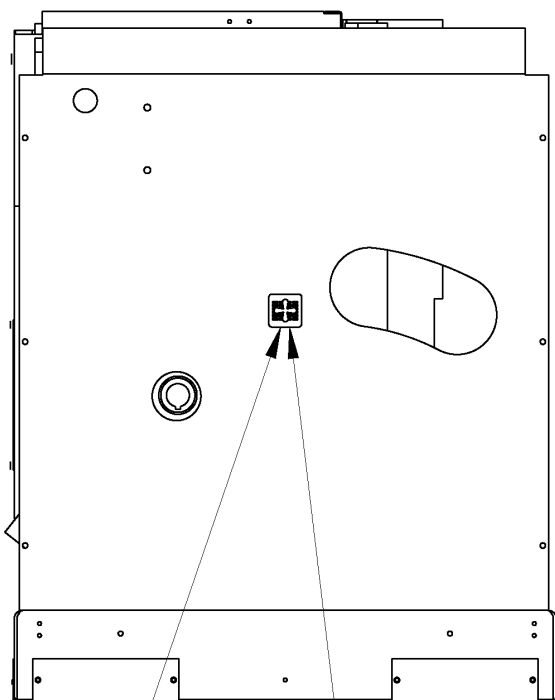
# 50 HZ DECAL ASSEMBLY DRAWING AND PARTS LIST

## Assembly, Internal Decals



1  
93165959  
2x

DECAL ATTACHED TO  
BLOWER BOX INSIDE  
BACK PANEL



1  
93165959  
2x

DECAL ATTACHED TO  
BELT GUARD ON  
BELT SIDE

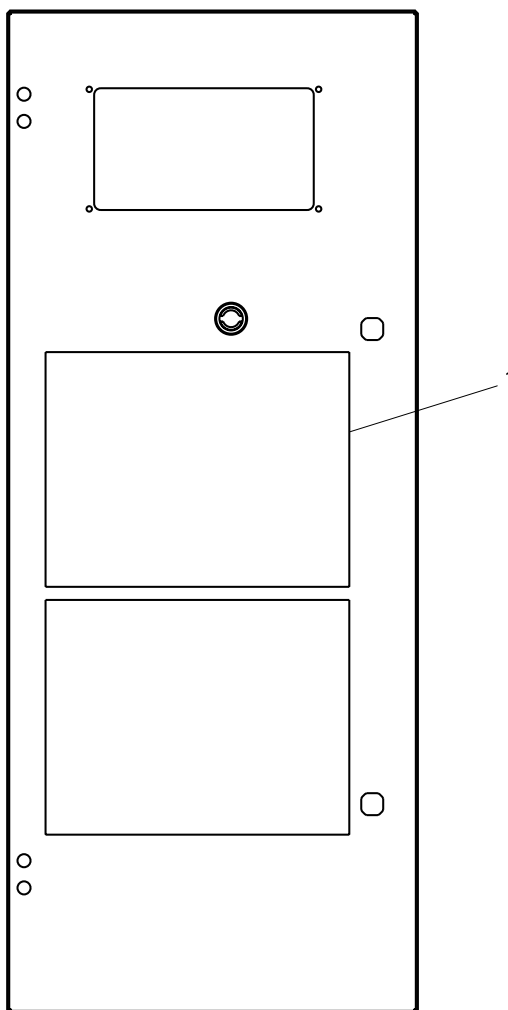
(Dwg. 48775142A4)

### 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



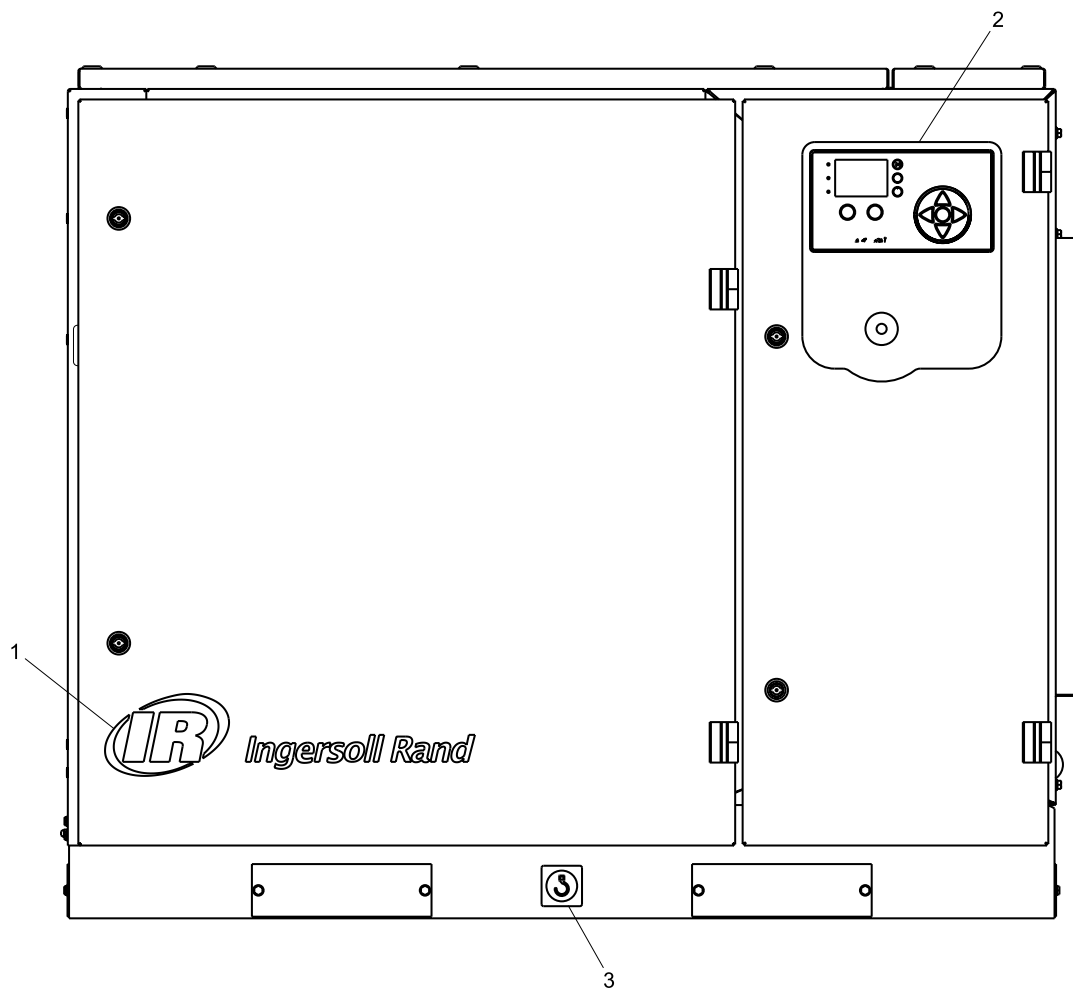
(Dwg. 48775142A5)

#### PARTS LIST

Item	Part No.	Description	Qty.
1	48775233	SCHEMATIC, ELECTRICAL DIAGRAM, Xe-70M (FS-SD)	1

## 50 HZ DECAL ASSEMBLY DRAWING AND PARTS LIST

### Assembly, Front Decals



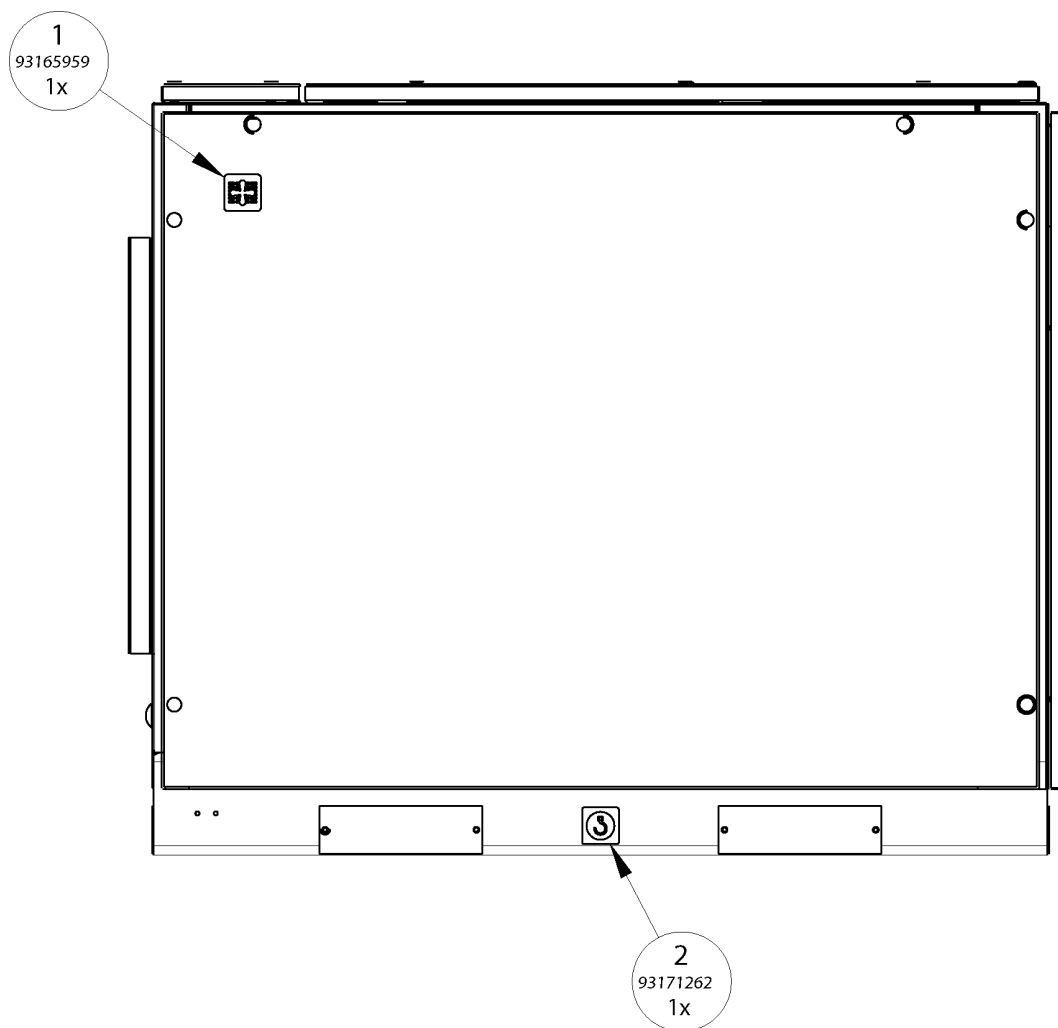
(Dwg. 48775142A6)

#### PARTS LIST

Item	Part No.	Description	Qty.
1	23038466	DECAL, IR LOGO 18 IN"	1
2	47500205001	FACIA DECAL XE-70	1
3	93171262	DECAL,LIFT HERE	1

## 50 HZ DECAL ASSEMBLY DRAWING AND PARTS LIST

### Assembly, Rear Decals



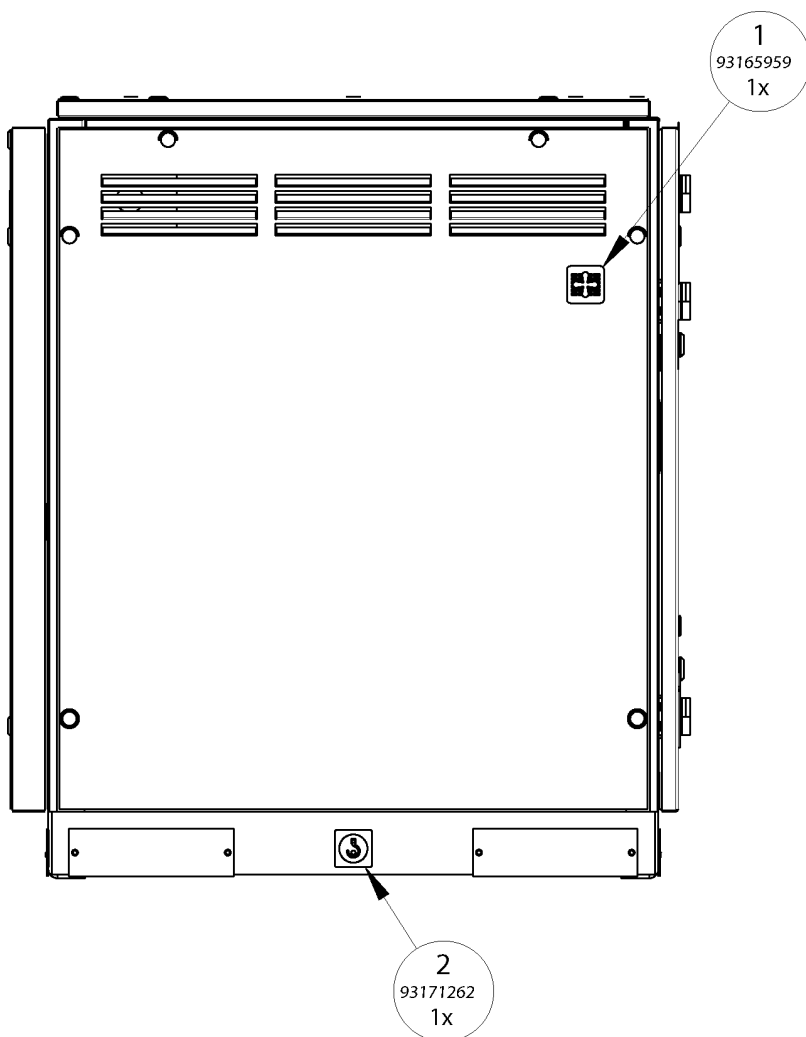
(Dwg. 48775142A7)

### 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



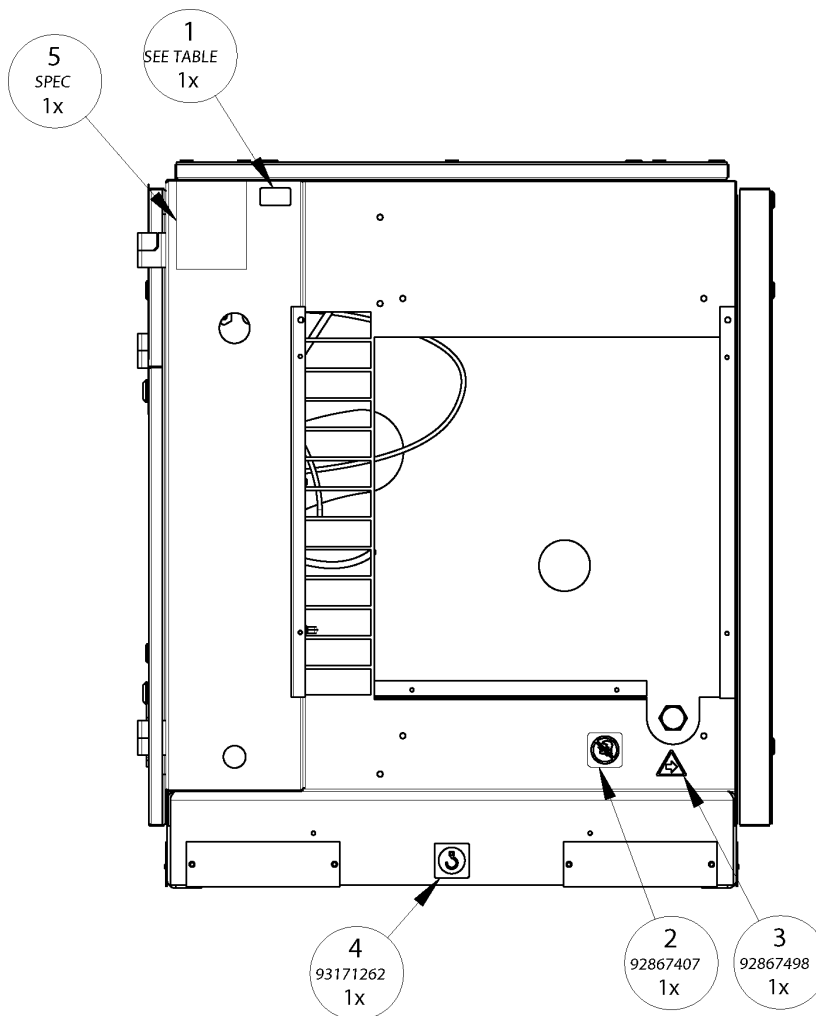
(Dwg. 48775142A8)

### 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. 48775142A9)

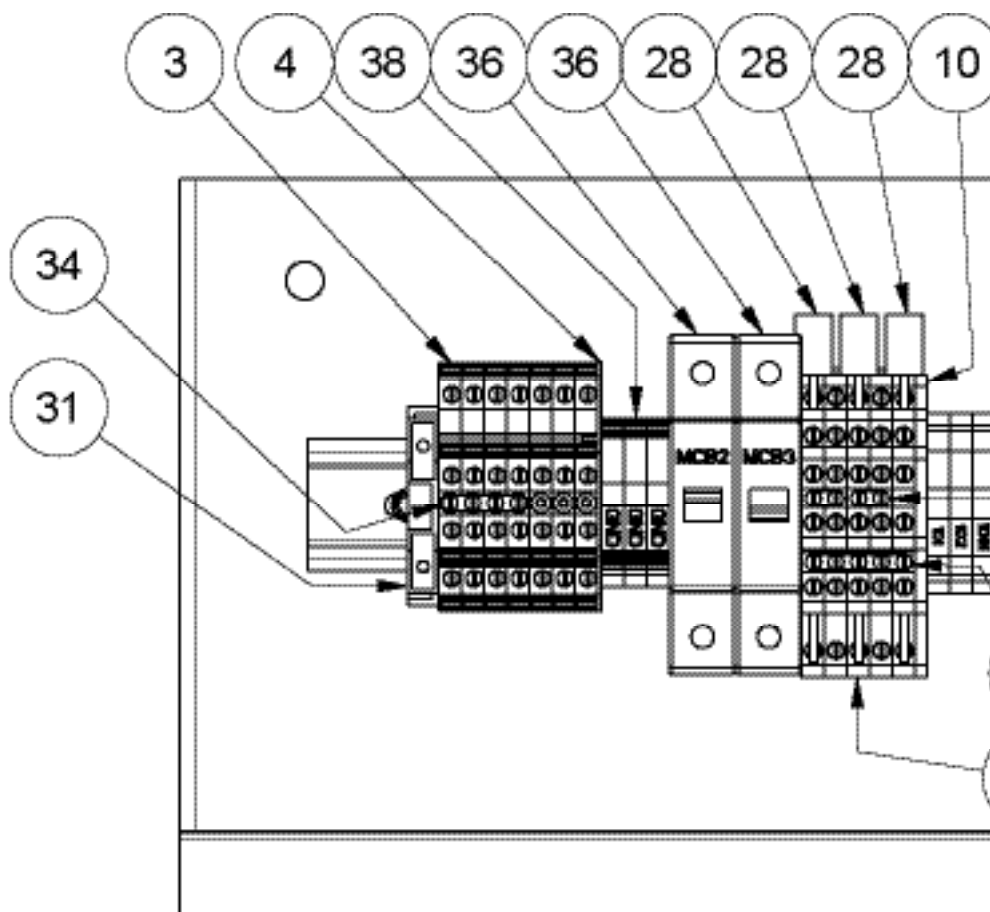
### PARTS LIST

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 PACKAGEDATA PLATE	1

Table For Decal	
Decal	Description
32343097	400
32343105	220
32343113	550

**50 HZ DECAL ASSEMBLY DRAWING AND PARTS LIST**

Assembly, Top Decals



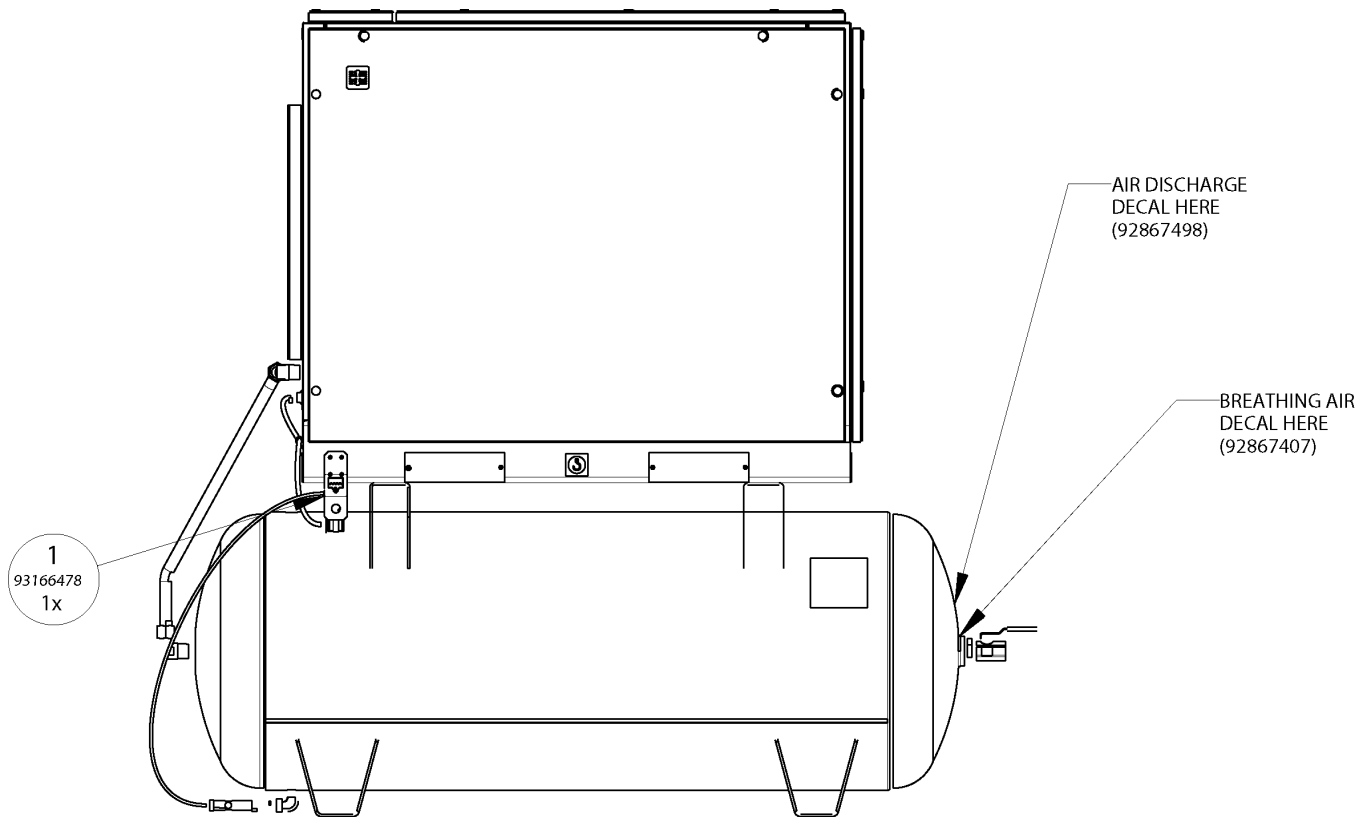
(Dwg. 48775142A10)

**PARTS LIST**

Item	Part No.	Description	Qty.
1	93165959	DECAL, USE GUARDSWHEN RUNNING	1

## 50 HZ DECAL ASSEMBLY DRAWING AND PARTS LIST

### Assembly, Tank Option Decals



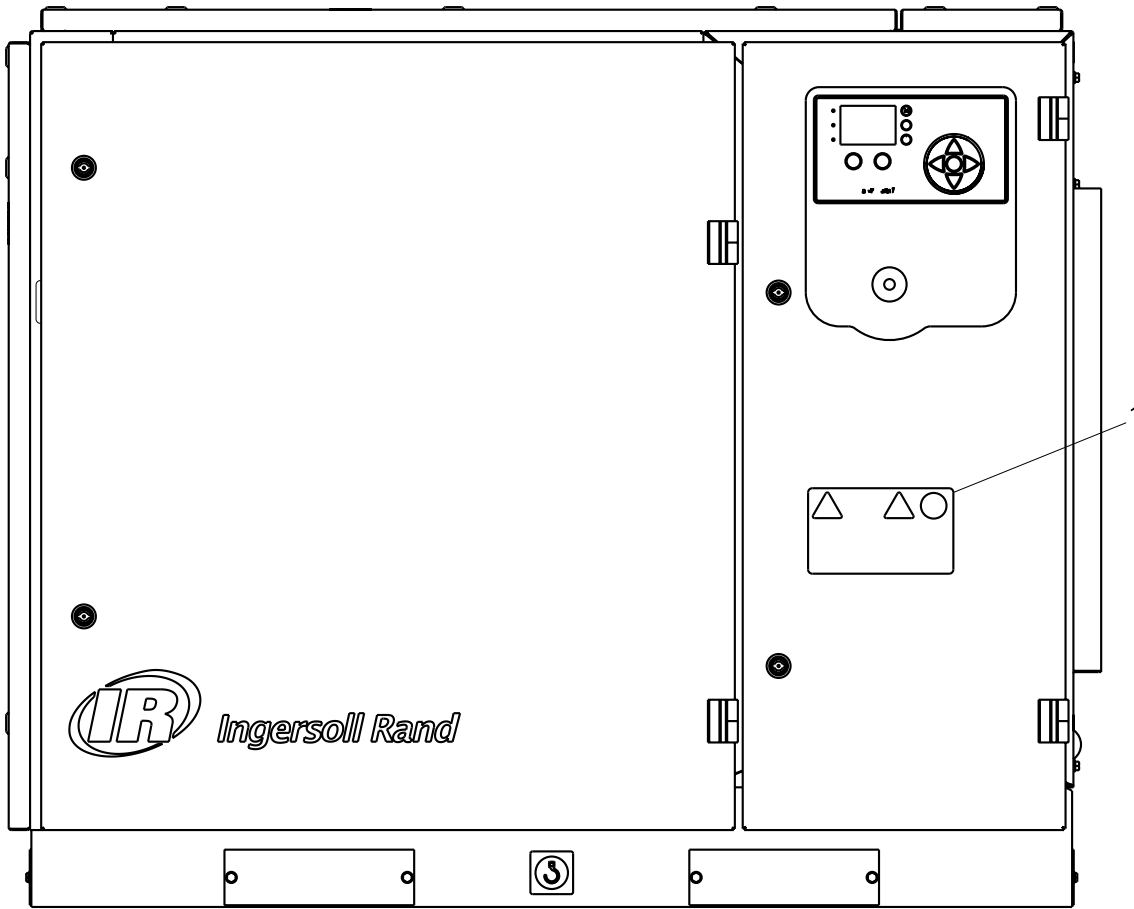
(Dwg. 48775142A11)

#### PARTS LIST

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

**50 HZ DECAL ASSEMBLY DRAWING AND PARTS LIST**

**Assembly, Poro Option Decal**



(Dwg. 48775142A12)

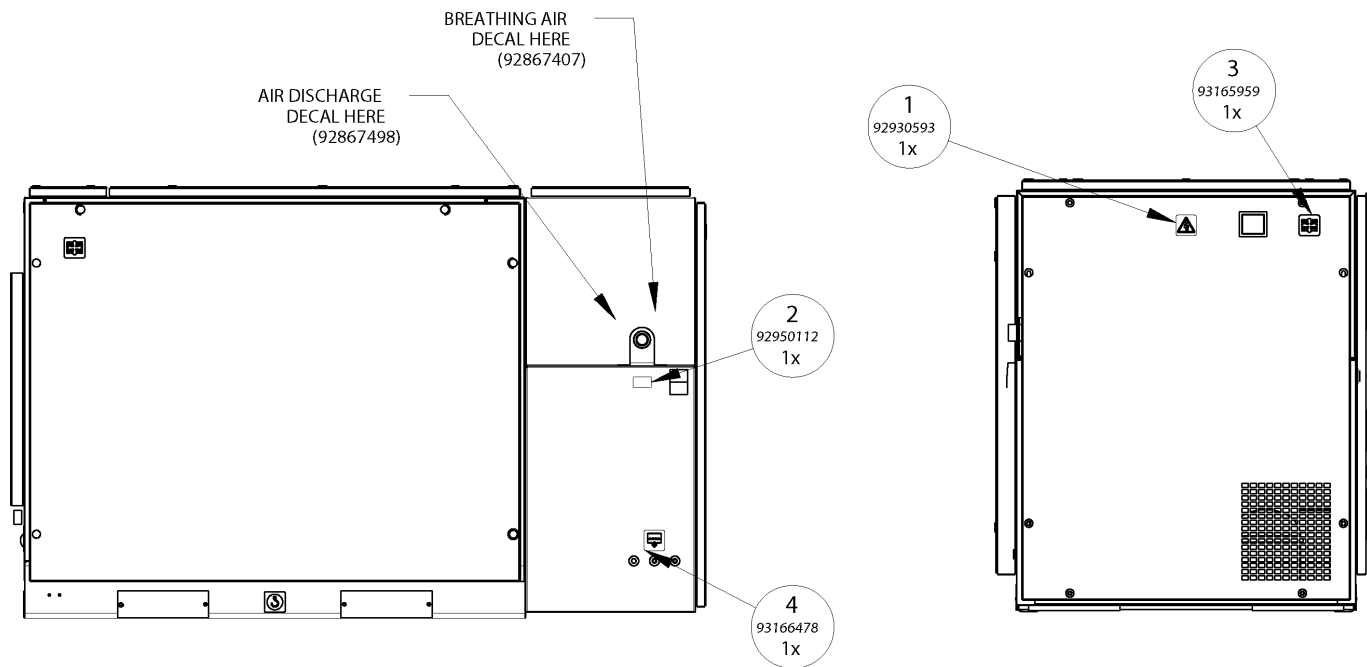
**PARTS LIST**

Item	Part No.	Description	Qty.
1	92978964	DECAL, POWER OUTRESTART OPTION	1

**PORO DECAL FOR PORO OPTION ONLY**

## 50 HZ DECAL ASSEMBLY DRAWING AND PARTS LIST

### Assembly, Dryer Option External Decals



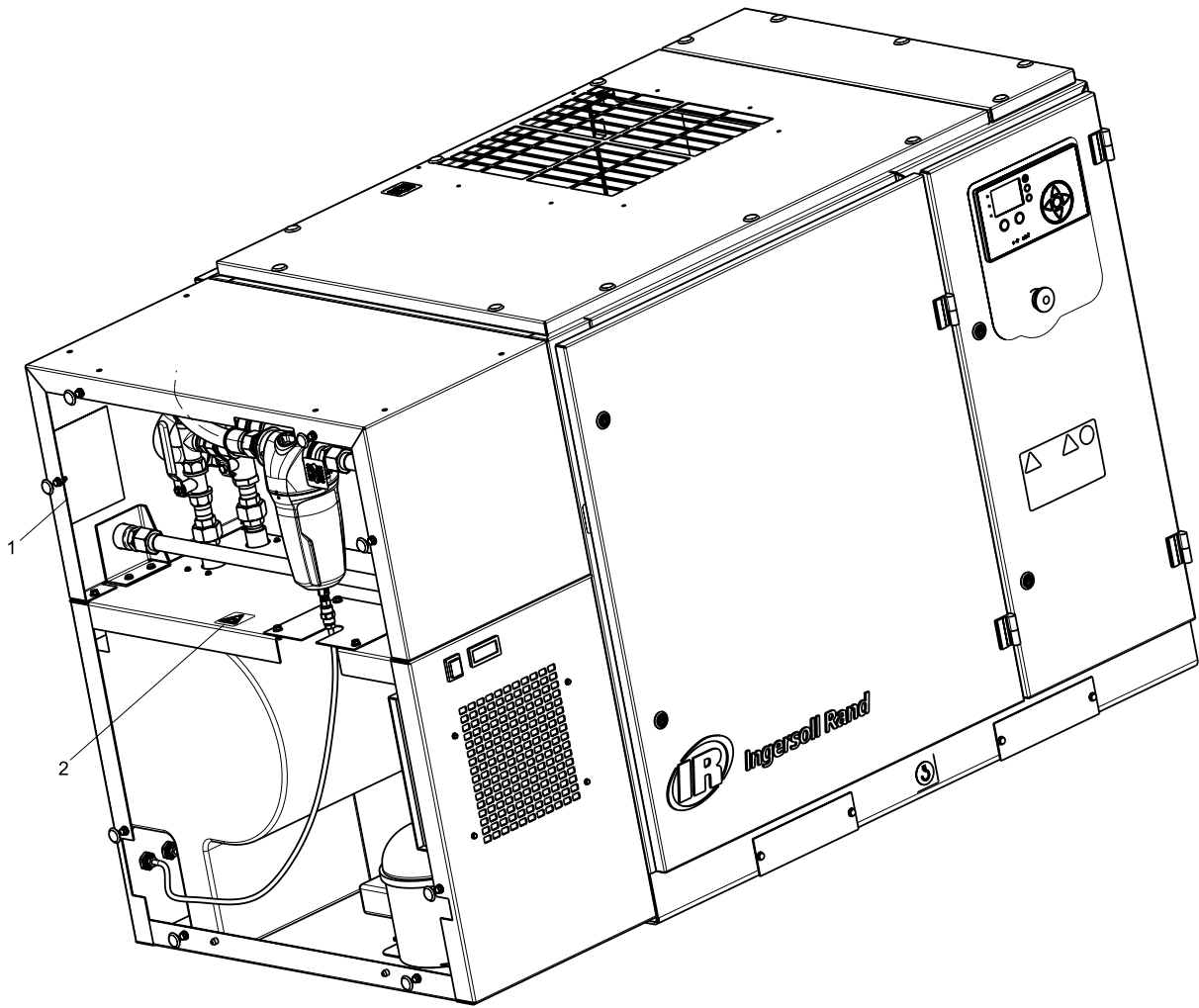
(Dwg. 48775142A13)

#### PARTS LIST

Item	Part No.	Description	Qty.
1	92930593	DECAL, ELECTRIC SHOCK	1
2	92950112	DECAL, VOLTAGE230/1/50	1
3	93165959	DECAL, USE GUARDSWHEN RUNNING	1
4	93166478	DECAL, CONDENSATE DRAIN	1

## 50 HZ DECAL ASSEMBLY DRAWING AND PARTS LIST

Assembly, Internal Dryer Decals With Dryer Bypass



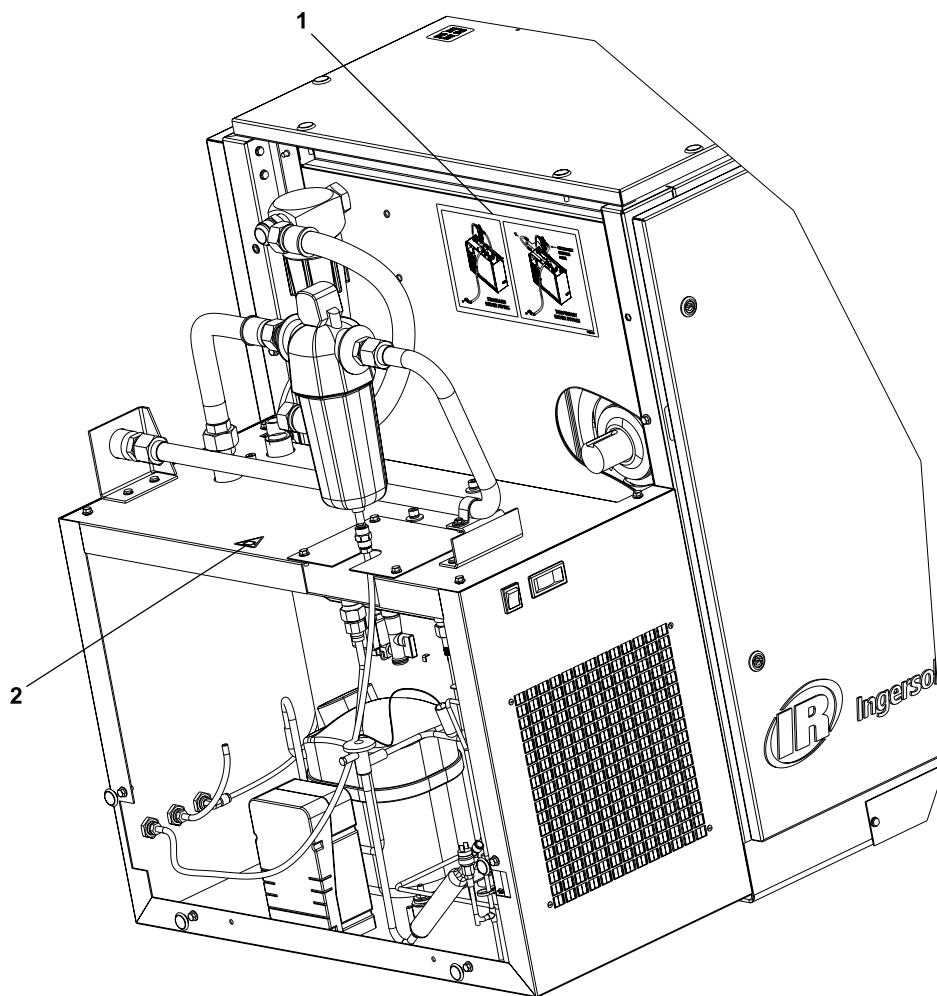
(Dwg. 48775142A14)

### PARTS LIST

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

## 50 HZ DECAL ASSEMBLY DRAWING AND PARTS LIST

**Assembly, Dryer Option Internal Decals Without Dryer Bypass**



(Dwg. 48775142A15)

**PARTS LIST**

Item	Part No.	Description	Qty.
1	24605446	DECAL, DRYER BYPASS(TEMP)	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
48775910	KIT – MODULATION (200 PSIG / 14 BARG)
48775928	KIT – MODULATION (115-145 PSIG / 7-10 BARG)
48775241	KIT – PORO
38036695	KIT – HIGH DUST AIR FILTER
88328943	KIT – OUTDOOR MODIFICATION
48775506	KIT – LOW AMBIENT (60 Hz) NON-TANK MOUNTED
48775571	KIT – LOW AMBIENT (60 Hz) TANK MOUNTED
48775613	KIT – LOW AMBIENT (50 Hz) NON-TANK MOUNTED
48775548	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
22861116	KIT – SHAFT SEAL

### SPARE PARTS

CCN	DESCRIPTION
89295976	ELEMENT, AIR FILTER
54672654	FILTER, COOLANT
54749247	CARTRIDGE, SEPARATOR
22053722	PRE FILTER
23990716	BUTTON, EMERGENCY STOP
22097208	INDICATOR, AIR RESTRICTION
85036812	FUSE, 2A/600V
22510481	FUSE, 1A/600V
54689856	CIRCUIT BREAKER 2A
54740386	GASKET, BARE SPACER
54740378	GASKET, MANIFOLD
39570999	GASKET, DISCHARGE ADAPTOR
39494794	GASKET, INLET VALVE
24691610	HOSE ASSEMBLY (PTFE/SS)
85561231	HOSE ASSEMBLY (RUBBER)
54774302	VALVE, SOLENOID (LOAD)
54654652	VALVE, SOLENOID (BLOWDOWN)
54749114	SPRING, GAS

## RECOMMENDED PARTS LIST

SAFETY VALVES				
<b>RECEIVER TANK</b>				
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			
<b>SEPARATOR MANIFOLD/TANK</b>				
CCN	DESCRIPTION			
22052450	VALVE, SAFETY – 225 PSI (SEPARATOR MANIFOLD) – 60 Hz			
22057954	VALVE, SAFETY – 15 BAR (SEPARATOR MANIFOLD) – 50 Hz			
DRIVE BELTS				
<b>60 Hz</b>				
CCN	DESCRIPTION			
22108427	BELT, DRIVE – 15 hp 150 PSI			
22108393	BELT, DRIVE – 20 hp 125 PSI / 15 hp 125 PSI			
89265060	BELT, DRIVE – 20 hp 175 PSI / 25 hp 145PSI / 30 hp 125 PSI / 30 hp 125,145, 200 PSI			
89265078	BELT, DRIVE – 20 hp 145 PSI / 25 hp 200 PSI			
89265052	BELT, DRIVE – 25 hp 125 PSI			
<b>50 Hz</b>				
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			
COOLANT CHECK				
CCN	DESCRIPTION			
38035531	Kit, Coolant Sample Check - North America, South America, India			
88176367	Kit, Coolant Sample Check - Europe, Middle East and Africa			
91002550	Kit, Coolant Sample Check - Asia Pacific			
15478415	Kit, Coolant Sample Check - China / SIRC			
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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