



TECHNICAL MANUAL
ILLUSTRATED PARTS BREAKDOWN

**EXPEDITIONARY DEPLOYABLE OXYGEN
CONCENTRATION SYSTEM (EDOCS-120)
120 LITERS PER MINUTE**

MODEL EDOCS-120
PART NUMBER 793295-001

PACIFIC CONSOLIDATED INDUSTRIES

3430 WEST CARRIAGE DRIVE

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T.O. EDOCS-120-3K-4

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FOREWORD

The following list of publications are related to, and used in conjunction with this IPB.

Overhaul Instructions, T.O. EDOCS-120-3K--3

Operation and Maintenance Instructions, T.O. EDOCS-120-3K-1



CHAPTER I

1 USING THIS MANUAL

1-1. GENERAL

1-1.1. MODELS COVERED

This Illustrated Parts Breakdown (IPB) lists and describes, in as close to disassembly order as possible, all assemblies and parts of the Expeditionary Deployable Oxygen Concentration System (EDOCS-120). The system is manufactured by Pacific Consolidated Industries, Santa Ana, California. The part number is 793295-001 and the Model Number is EDOCS-120.

1-1.2. ORGANIZATION OF THIS MANUAL

This IPB is divided into the following sections:

- Table of Contents
- List of Illustrations
- Chapter I Introduction to Illustrated Parts Breakdown
- Chapter II Maintenance Parts List
- Chapter III Numerical Index
- Chapter IV Reference Designation Index

1-2. LIST OF RELATED PUBLICATIONS

This IPB amplifies information given in companion handbooks by providing part numbers for items mentioned by description only. The companion handbooks are:

- T.O. EDOCS-120-3K-1 - Operation and Maintenance Instructions
- T.O. EDOCS-120-3K-3 - Overhaul Instructions

1-3. FINDING PART NUMBER USING ASSEMBLY NAME

When only the name of an assembly in which the part is used is known, the following steps should be used to find the part number of the part.

- a. Turn to the Table of Contents and find the page number for the parts breakdown of the assembly in which the part is used.
- b. Turn to the page determined in step (a).
- c. Locate the part and its index number on the illustration.
- d. Find the index number on the parts breakdown of the illustration for the part number and complete description of the part.

1-4. FINDING AN ILLUSTRATION FOR A KNOWN PART NUMBER

When the part number of a part is known, the following steps should be used to locate the illustration of the assembly on which it is used.

- a. Refer to Chapter III, Numerical Index and find the part number.
- b. Turn to the List of Illustrations and find the page number for the figure number listed in the Numerical Index for that part.
- c. Turn to Chapter II, Maintenance Parts List and go to the page determined in step (b).
- d. Find the index number determined in step (b) on the parts breakdown for the full description of the part.
- e. Find the index number on the illustration for the location of the part on the assembly.

1-5. FINDING AN ILLUSTRATION FOR A KNOWN REFERENCE DESIGNATION

When the reference designation of a part is known, the following steps should be used to locate the illustration of the assembly that it is used on.

- a. Refer to Chapter IV, Reference Designation Index and find the reference designation and the figure-index number.
- b. Turn to the List of Illustrations and find the page number for the figure and index numbers listed in the Reference Designation Index for that reference designation.



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- c. Turn to Chapter II, Maintenance Parts List and go to the page determined in step (b).
- d. Find the index number determined in step (a) on the parts breakdown for the part number and full description of the part.
- e. Find the index number on the illustration for the location of the part on the assembly.

1-6. SIMILAR ASSEMBLIES

Some assemblies may have an identical appearance with some of the parts having different part numbers. These assemblies will utilize a common illustration. The parts having different part numbers will have a common leader pointing to the part and have more than one index number on the leader. The parts breakdown listing will list the assembly number and will have a grouping of the parts unique to that assembly immediately following that listed assembly number. Immediately following the last unique part number listing will be the listing of all of the common parts. If a similar assembly does not use a part pictured in the illustration, a note will be placed on the illustration next to the part stating that the part is not used in the affected assembly.

1-7. TABLE OF CONTENTS

The table of contents lists the paragraphs and subparagraphs of the text portion of the IPB. Also listed are the assemblies illustrated in the IPB. The page numbers represent the page that the parts list for the applicable illustration begins.

1-8. LIST OF FIGURES

The List of Illustrations lists the figure number, the description of the illustration and the page where the figure can be located.

1-9. CHAPTER II MAINTENANCE PARTS LIST

The Maintenance Parts List, Chapter II, lists all parts of the EDOCS-120, which are required for support of the system. Parts lists are shown on the same page as the applicable illustration or immediately following the applicable illustration. Where possible, the illustration will be on the same page as the applicable parts list or on the left page with the parts list on the facing right page.

1-9.1 Repair Part Kits

When repair parts kits are supplied for an assembly, the statement “(Repair kit available)” will follow the descrip-

tion of the applicable assembly. All parts that are included in the kit will have the description indented one position from the applicable assembly and will have an SMR code of KF or KD. The kit part number will follow the last part listed for the applicable assembly and the description will have the same indentation as the applicable assembly. The repair kit will have an SMR code of PAFZZN. The kit will not be illustrated.

1-9.2 Symbols Used in Parts List

The following symbols may be used in the parts list to describe special characteristics for the part number.

- a. An equal sign (=) preceding the part number one space to the left denotes that the part is an acceptable alternate part for the preceding part number. The part will have the same index number as the preceding part.

1-10. MAINTENANCE PARTS LIST ARRANGEMENT

The following sub-paragraphs describe the columnar arrangement for the Maintenance Parts List, Chapter II.

1-10.1 Figure and Index No. Column

The first number (before the dash) refers to the illustration number in the Maintenance Parts List. The second number (after the dash or find number) refers to the location of the part on the illustration (corresponding find number on the illustration). The first number will only appear on the first entry for the assembly of the applicable parts list and on the first entry of a new page when the parts list is more than one page long.

1-10.2 Part Number Column

This column contains the Government Standard, vendor and Pacific Consolidated Industries part numbers.

1-10.3 CAGE Code Column

The Commercial and Government Entity (CAGE) code is a five digit code that is published in H4-1, H4-2 and H4-3 Cataloging handbooks. This code appears in this column.

1-10.4 Description Column

This column lists the complete description by Government Standard, vendor and Pacific Consolidated Industries drawing title. Abbreviations are per MIL-STD-12.

1-10.4.1 Indentation System



For proper identification of detail parts and next higher assemblies (NHA), the description listings are in the system of indentation.

- 1 2 3 4 5 6 7
- ASSEMBLY
- . DETAIL PARTS FOR ASSEMBLY
- . SUBASSEMBLY
- .. DETAIL PARTS FOR SUBASSEMBLY
- .. SUB-SUBASSEMBLY
- ... DETAIL PARTS FOR SUB-SUBASSEMBLY

The next higher assembly for any detail part may be determined by locating, in the next column to the left, the first item above the detail in question. For example, if a detail part or subassembly has two leader points (. .) preceding its description, the next higher assembly will be the first item above it that has one leader point (.) preceding its description.

1-10.4.2 Attaching Parts

Any parts used exclusively for attaching subassemblies or detail parts will immediately follow the applicable part and be indented the same as the part that it attaches to the NHA. The description of the attaching part will be followed by the notation “(AP)”.

1-10.5 Units Per Assembly Column

The numbers in this column are the total quantity used in the next higher assembly. The detail parts indented under assemblies indicate only the quantity used on the applicable assembly, and are not necessarily the total quantity used in the generating plant. When “REF” appears in this column, it indicates that the part is shown and listed on another illustration. Refer to paragraph 1-4 for instructions on locating the illustration for a known part number.

1-10.6 SMR Code Column

The Source, Maintenance and Recoverability (SMR) Codes used in this manual are the Joint Military Services Uniform SMR Codes only. Definitions of the SMR codes are available in T.O. 00-25-195. The codes that appear in this column describe, among other things, the level of maintenance and recoverability for the part or assembly.

1-10.7 Usable on Code Column

Items of a like nature, listed under the same index number, are interchangeable when no code appears in the “Usable on Code” column opposite such listings.

1-11. CHAPTER III NUMERICAL INDEX

The Numerical Index, Chapter III, lists all part numbers contained in the Maintenance Parts List. Some part numbers will appear more than once in this list. This is because some assemblies and subassemblies use the same parts. Part numbers appearing with no index number following the dash, are separate breakdowns of subassemblies that appear on the parts list of the next higher assembly and can be located on its NHA’s illustration.

1-11.1 Part Number Column

This column lists in alphabetical and numerical sequence, all Government Standard, vendor and Pacific Consolidated Industries part numbers required to overhaul and maintain the generating and charging plant. No part numbers are listed unless they appear in the Maintenance Parts List.

1-11.1.1 Part Number Arrangement

The part numbers are arranged from the extreme left hand position and continue from left to right, one position at a time. The order of precedence for the first position is as follows,

letters A through N and P through Z, then, numerals 0 through 9

Note

The alphabetic O is considered to be a numeric 0.

The second and succeeding characters in the part number have precedence as the following sequence shows,

Space, diagonal (/), period (.), dash (-), letters A through N, P through Z, numerals 0 through 9.

1-11.2 Figure and Index Number Column

This column contains the figure and index number(s) where the part is listed in a parts list and shown on an illustration. The first number is the figure number for the illustration that shows the part. The number following the dash is the index number on the applicable illustration and in the parts list for the applicable illustration. When the figure number is preceded by “F” it indicates that the part number follows the applicable figure and index number in the Maintenance Parts List, Chapter II.



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1-12. CHAPTER IV REFERENCE DESIGNATION INDEX

The Reference Designation Index contains an alpha-numeric listing of reference symbols (Tag Nos.) shown on process flow and electrical schematic diagrams in the companion manual T.O. EDOCS120-1. Opposite each reference designation is the figure and index number, which locates the part in the Maintenance Parts List as described in paragraph 1-10.2.

1-13. VENDOR CODES

The following is a list of the vendor codes (CAGE) and addresses in the code alpha-numeric order for all of the parts listed in the Maintenance Parts List.

<u>CODE</u>	<u>VENDOR NAME AND ADDRESS</u>
0STD9	Tuthill Corporation M-D Pneumatics Division 4840 West Kearney Street P.O. Box 2877 Springfield, MO 65801-2877
1BRC5	Powerex 150 Production Drive Harrison, OH 45030
28953	RIX Industries 4900 Industrial Way Benicia, CA 94510
75906	Pacific Consolidated Industries 3430 W. Carriage Dr. Santa Ana, CA 92704



CHAPTER II

2 MAINTENANCE PARTS LIST

This Maintenance Parts List shows the illustrations and parts lists for all modules, assemblies and subassemblies of

the Expeditionary Deployable Oxygen Concentration System (EDOCS-120). The system is manufactured by Pacific Consolidated Industries. The part number is 793295-001. The Model Number is EDOCS-120.

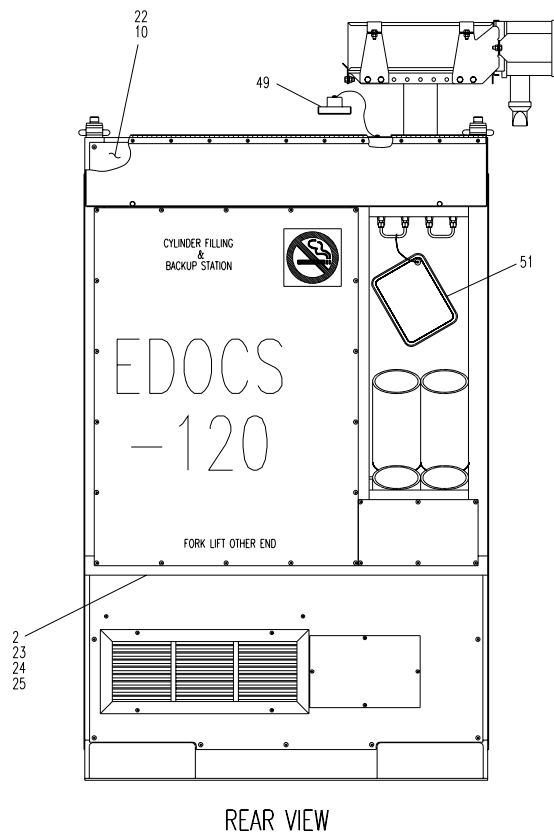
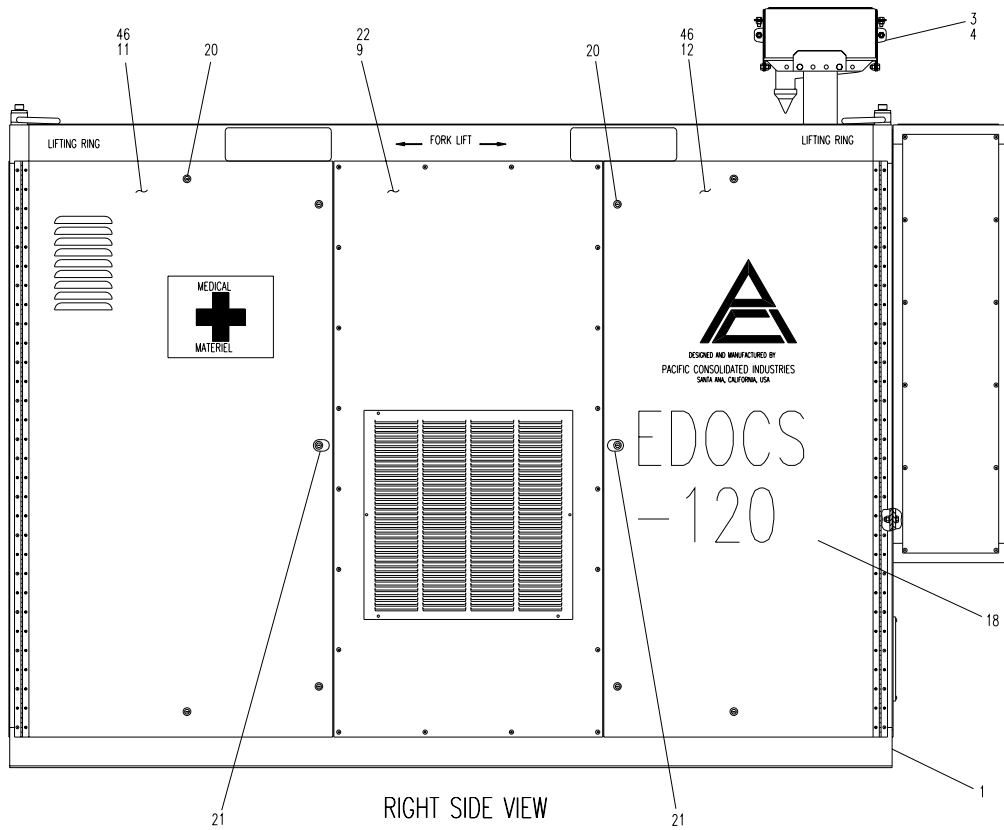


Figure 1. Expeditionary Deployable Oxygen Concentration System- EDOCS-120 (Sh 1 of 2).

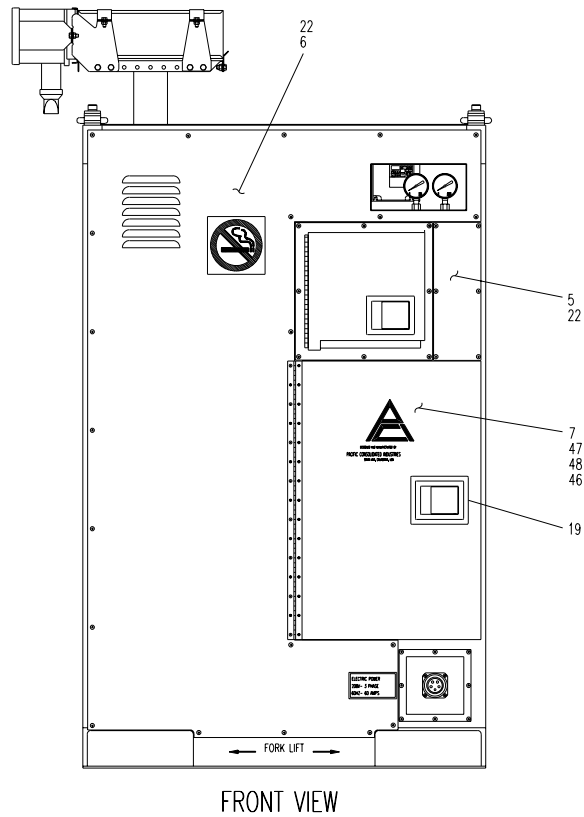
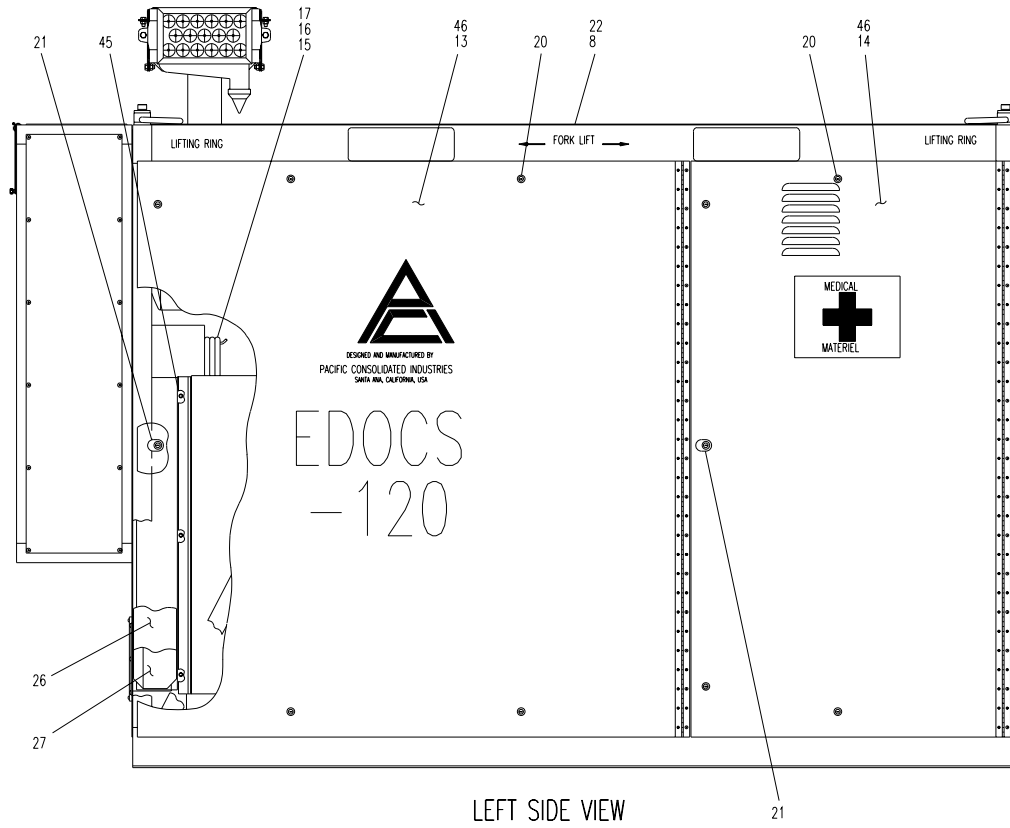


Figure 1. Expeditionary Deployable Oxygen Concentration System- EDOCS-120 (sh 2 of 2).



Figure & Index No.	Part Number	FSCM				Description	Units Per Assy	SMR Code	Usable on Code
		1	2	3	4				
1-	793295-001	75906				ASSEMBLY, EDOCS-120.....	REF	PEFFFU	
-1	793430-001	75906				. EQUIPMENT INSTALLATION	1	XB	
-2	793461-001	75906				. MODULE ASSY, Caboose	1	XB	
-3	793111-006	75906				. AIR CLEANER ASSY, F-2	1	PAFFFP	
-4	580863-005	75906				. . ELEMENT, Air cleaner- F-2.....	1	PAFZZN	
-5	793086-001	75906				. PANEL, End- small.....	1	XB	
-6	793087-001	75906				. PANEL, End- large.....	1	XB	
-7	793088-001	75906				. PANEL, Door.....	1	XB	
-8	793229-001	75906				. PANEL, Top.....	1	XB	
-9	793230-001	75906				. PANEL, Exhaust duct.....	1	XB	
-10	793232-001	75906				. PANEL ASSY, End.....	1	XB	
-11	793233-001	75906				. PANEL, Door- side	1	XB	
-12	793234-001	75906				. PANEL, Door- side	1	XB	
-13	793235-001	75906				. PANEL, Door.....	1	XB	
-14	793236-001	75906				. PANEL, Door- side	1	XB	
-15	790475-002	75906				. HOSE ASSY, Low pressure oxygen- H-1, H-2	2	PAFFFP	
-16	790692-002	75906				. HOSE ASSY, Vacuum- H-4.....	1	PAFFFP	
-17	790693-002	75906				. HOSE ASSY, High pressure- H-3	1	PAFFFP	
-18	793289-001	75906				. KIT ASSY, Marking installation.....	1	XB	
-19	581715-001	75906				. LATCH, Paddle- non-locking.....	1	XB	
-20	582198-001	75906				. LATCH, Compression- slotted- recess	22	XB	
-21	582198-002	75906				. PULL-TAB, Small- black.....	4	XB	
-22	S53090-535	75906				. SCREW, Button head- .250-20 unc x .38 lg.....	82	PAFZZN	
-23	MS35307-362	96906				. SCREW, Cap- hex- .375-16 unc x 1.25 lg.....	6	PAFZZN	
-24	MS15795-814	96906				. WASHER, Flat- .375 dia.....	12	PAFZZN	
-25	MS17830-6C	96906				. NUT, Self-locking- .375-16 unc	6	PAFZZN	
-26	793417-001	75906				. TOOL BOX, Miscellaneous tools	1	XB	
-27	582144-003	75906				. TOOL BOX, Large.....	1	XB	
-28	582398-001	75906				. . GUN, Grease (not shown)	1	XB	
-29	582398-002	75906				. . MULTIMETER (not shown).....	1	XB	
-30	582398-003	75906				. . BATTERY, 9V (not shown).....	1	PAFZZN	
-31	582398-004	75906				. . SCREWDRIVER SET, 5 piece (not shown)	1	XB	
-32	582398-005	75906				. . FLASHLIGHT (not shown).....	1	XB	
-33	582398-006	75906				. . PRY BAR (not shown)	1	XB	
-34	582398-007	75906				. . WRENCH, Adjustable- 10 in (not shown)	1	XB	
-35	582398-008	75906				. . WRENCH, Adjustable- 8 in (not shown)	1	XB	
-36	582398-010	75906				. . WRENCH, Adjustable- 12 in (not shown)	1	XB	
-37	582398-011	75906				. . BATTERY, AA (not shown).....	1	PAFZZN	
-38	582398-012	75906				. . PLIERS, Needle-nose (not shown).....	1	XB	
-39	582398-013	75906				. . PLIERS, Slip joint (not shown).....	1	XB	
-40	582398-015	75906				. . PLIERS, Standard (not shown).....	1	XB	
-41	582398-016	75906				. . WRENCH, Pipe (not shown).....	1	XB	
-42	582398-017	75906				. . BOX, Accessory (not shown)	1	XB	
-43	581786-001	75906				. . THERMOMETER, Magnetic (not shown).....	1	XB	
-44	582144-002	75906				. TOOL SET, 101 piece (not shown).....	1	XB	



Figure & Index No.	Part Number	FSCM				Description	Units Per Assy	SMR Code	Usable on Code
		1	2	3	4				
1	-45	G53086-055	75906	.		SCREW, Self-drilling- #10 x .50 lg	3	PAFZZN	
	-46	S53090-263	75906	.		SCREW, Button head- #10-32 unf x .38 lg.....	72	PAFZZN	
	-47	793473-001	75906	.		LABEL, Flow schematic	1	XB	
	-48	793474-001	75906	.		LABEL, Electrical schematic	1	XB	
	-49	793415-001	75906	.		PLUG ASSY, pipe.....	1	XB	
	-50	793458-001	75906	.		ADAPTER ASSY, HP hose to CGA540 (not shown)	1	PAFZZN	
	-51	791405-001	75906	.		CHART ASSY, Cylinder filling pressure.....	1	XB	

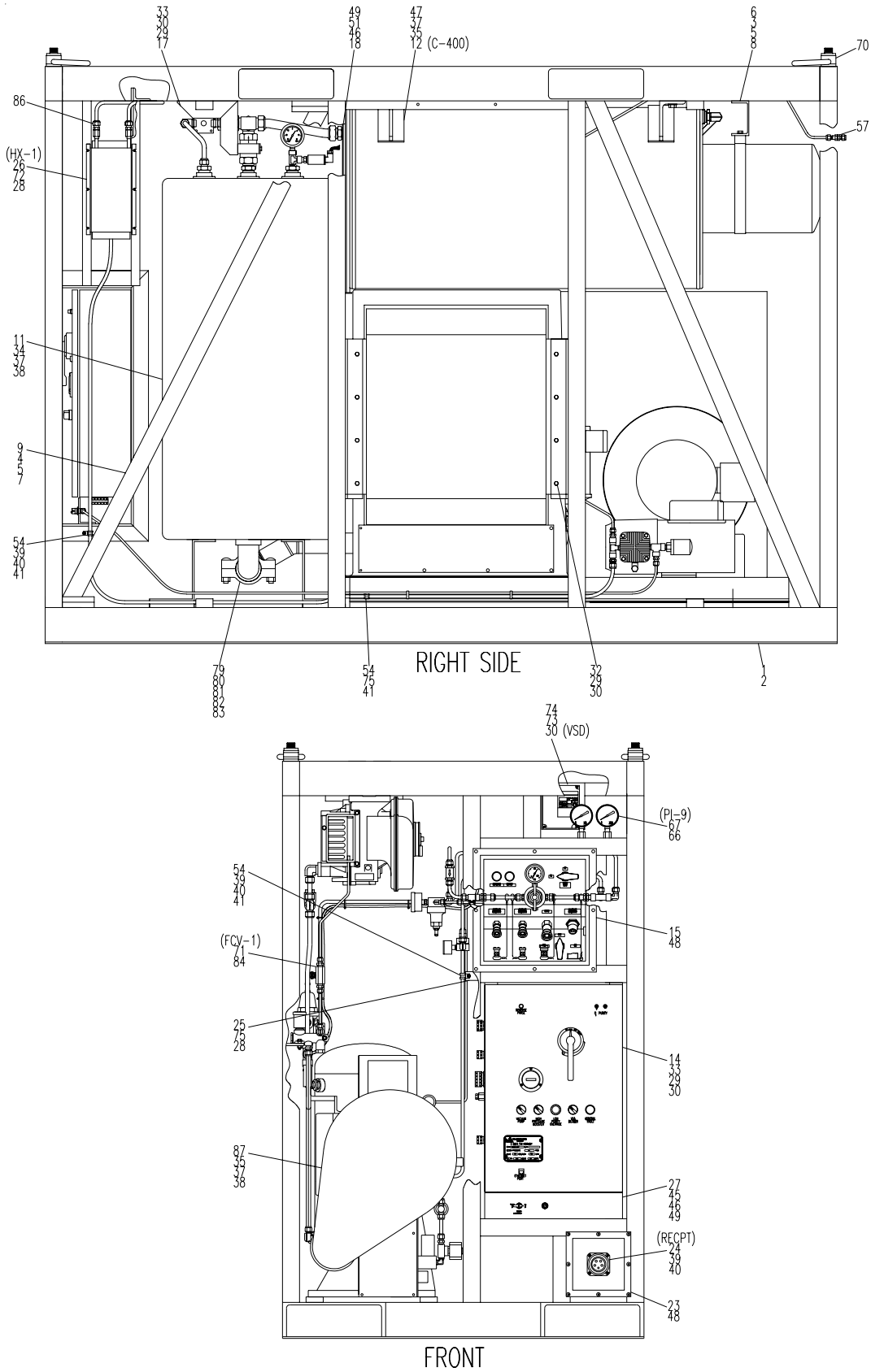


Figure 2. Equipment Installation, EDOCS-120 (Sh 1 of 2).

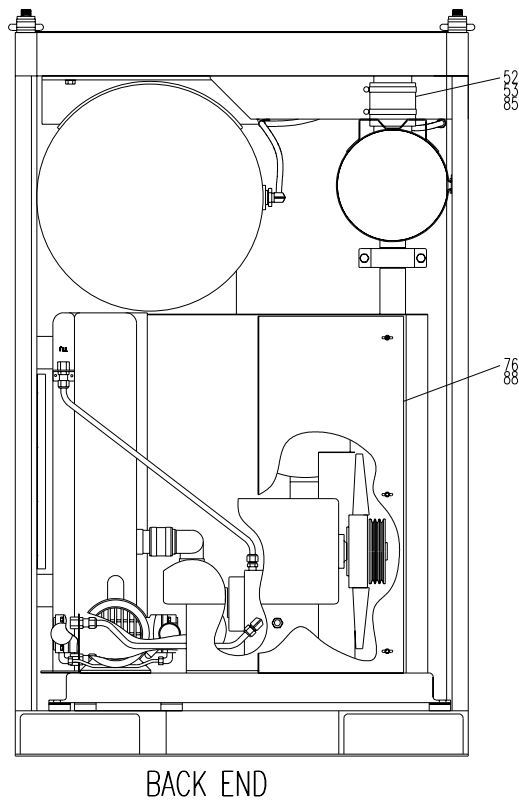
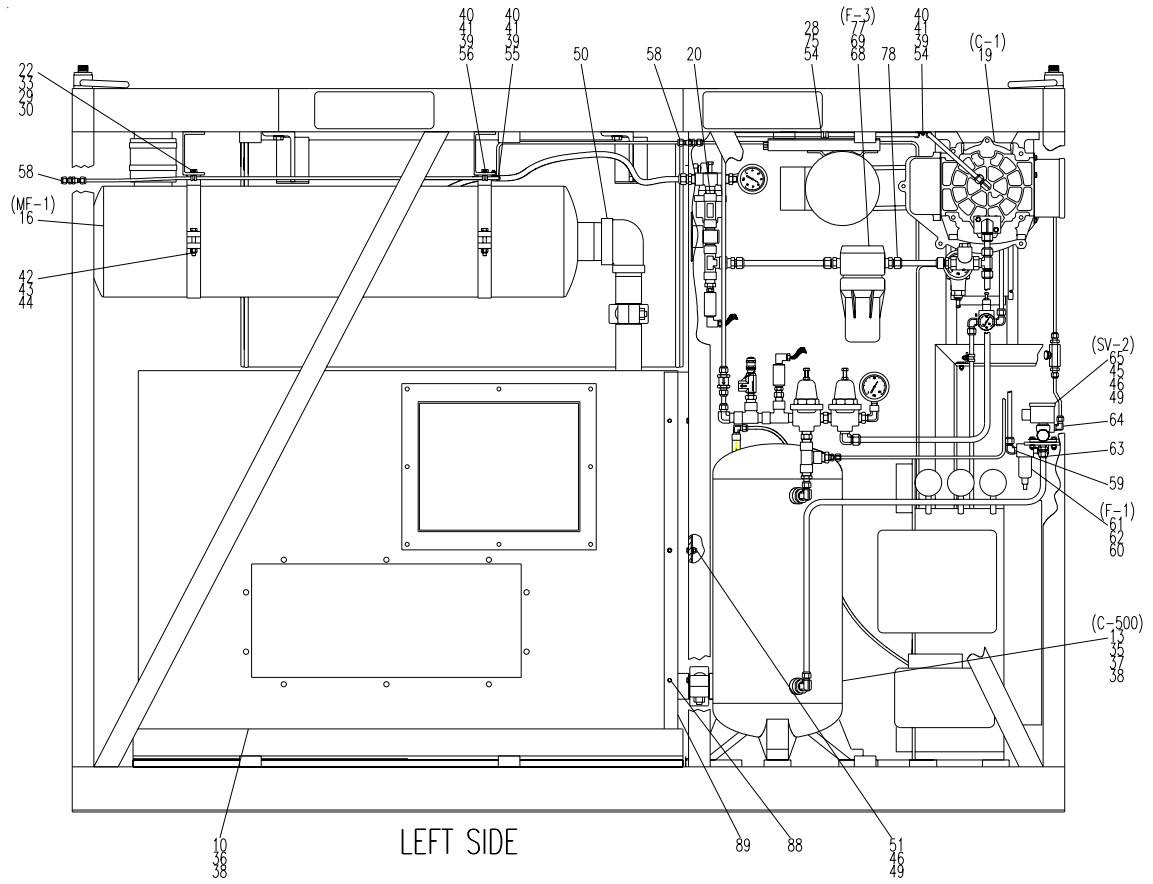


Figure 2. Equipment Installation, EDOCS-120 (Sh 2 of 2).



Figure & Index No.	Part Number	FSCM				Description	Units Per Assy	SMR Code	Usable on Code
		1	2	3	4				
2-	793430-001	75906				EQUIPMENT INSTALLATION.....	REF		XB
-1	793040-001	75906				FRAME ASSY	1		XB
-2	793040-002	75906				FRAME WELDMENT	1		XB
-3	MS35307-362	96906				SCREW, Cap- hex- .375-16 unc x 1.25 lg.....	4		PAFZZN
-4	MS35307-360	96906				SCREW, Cap- hex- .375-16 unc x 1.00 lg.....	4		PAFZZN
-5	MS15795-814	96906				WASHER, Flat- .375 dia.....	12		PAFZZN
-6	S48039-029	75906				NUT, Hex- .375-16 unc.....	4		PAFZZN
-7	MS35338-141	96906				WASHER, Lock- .375 dia.....	4		PAFZZN
-8	793040-017	75906				SUPPORT, Muffler.....	2		XB
-9	793040-003	75906				STRUT, Support.....	1		XB
-10	793231-001	75906				MODIFICATION, Oxygen system.....	1		XB
-11	793245-001	75906				TANK ASSY, VSA- 150 lpm- C-300.....	1		XB
-12	793276-001	75906				TANK ASSY, Buffer- 21.0 dia- C-400.....	1		XB
-13	792914-001	75906				TANK ASSY, 12 gallon- C-500	1		XB
-14	793075-003	75906				ELECTRICAL CONTROL BOX ASSY	1		XB
-15	793434-001	75906				DISTRIBUTION BOX ASSY	1		XB
-16	582217-002	75906				SILENCER, Chamber- 3 in.- MF-1	1		XB
-17	793125-001	75906				BRACKET ASSY, Support- tank	1		XB
-18	793271-001	75906				PANEL, Barrier.....	1		XB
-19	793039-001	75906				SCROLL COMPRESSOR ASSY, C-1	1		XB
-20	792404-001	75906				CONNECTOR ASSY, Scroll in.....	1		XB
-21	582175-002	75906				DRIVE, Variable speed- 3 hp- 208/230 volts- VSD	1		PAFZZN
-22	G37461-348	75906				CLAMP, Muffler-10.19 dia.....	2		XB
-23	790649-001	75906				BOX, Electrical connector	1		XB
-24	581717-001	75906				CONNECTOR, Electric- 60 amp- 5 pin- RECPT	1		PAFZZN
-25	793177-001	75906				MOUNT, Angle- muffler clamp.....	1		XB
-26	582214-001	75906				HEAT EXCHANGER, Scroll compressor out- HX-1	1		PAFZZN
-27	793124-001	75906				BRACKET ASSY, Oxygen sample selector.....	1		XB
-28	MS35338-138	96906				WASHER, Lock- #10	9		PAFZZN
-29	MS15795-814	96906				WASHER, Flat- .375 dia.....	32		PAFZZN
-30	MS17830-6C	96906				NUT, Self-locking- .375-16 unc	18		PAFZZN
-31	MS35338-141	96906				WASHER, Lock- .375 dia.....	4		PAFZZN
-32	MS35307-362	96906				SCREW, Cap- hex- .375-16 unc x 1.25 lg.....	8		PAFZZN
-33	MS35307-360	96906				SCREW, Cap- hex- .375-16 unc x 1.00 lg.....	10		PAFZZN
-34	MS35307-408	96906				SCREW, Cap- hex- .500-13 unc x .88 lg.....	4		PAFZZN
-35	MS35307-413	96906				SCREW, Cap- hex- .500-13 unc x 1.50 lg.....	11		PAFZZN
-36	MS35307-409	96906				SCREW, Cap- hex- .500-13 unc x 1.00 lg.....	4		PAFZZN
-37	MS15795-818	96906				WASHER, Flat- .500 dia.....	19		PAFZZN
-38	MS35338-143	96906				WASHER, Lock- .500 dia.....	15		PAFZZN
-39	MS51958-65	96906				SCREW, Machine- #10-32 unf x .75 lg.....	12		PAFZZN
-40	MS21044-C3	96906				NUT, Self-locking- #10-32 unf.....	12		PAFZZN
-41	MS15795-842	96906				WASHER, Flat- #10	17		PAFZZN
-42	MS35307-341	96906				SCREW, Cap- hex- .312-18 unc x 2.25	2		PAFZZN
-43	MS15795-814	96906				WASHER, Flat- .375 dia.....	4		PAFZZN
-44	MS17830-5C	96906				NUT, Self-locking- .312-18 unc	2		PAFZZN



Figure & Index No.	Part Number	FSCM				Description	Units Per Assy	SMR Code	Usable on Code
		1	2	3	4				
2 -45	MS35307-308	96906	.	SCREW, Cap- hex-	.250-20 unc x 1.00 lg	4	PAFZZN		
-46	MS15795-810	96906	.	WASHER, Flat-	.250 dia	17	PAFZZN		
-47	MS17830-8C	96906	.	NUT, Self-locking-	.500-13 unc	4	PAFZZN		
-48	S53090-535	75906	.	SCREW, Button head-	.250-20 unc x .38 lg	16	PAFZZN		
-49	MS17830-4C	96906	.	NUT, Self-locking-	.250-20 unc	13	PAFZZN		
-50	F39122-023	75906	.	ELBOW, Pipe- reducing-	3 fnpt x 2 fnpt	1	XB		
-51	MS35307-306	96906	.	SCREW, Cap- hex-	.250-20 unc x .75 lg	9	PAFZZN		
-52	W10037-024	75906	.	HOSE, Low pressure-	3.50 id	4	MF		
-53	570330-04035	75906	.	NIPPLE, Threaded one end-	3 mnpt	1	XB		
-54	G37483-100	75906	.	CLAMP, Loop- cushioned-	.375 dia	6	PAFZZN		
-55	G37483-071	75906	.	CLAMP, Loop- cushioned-	.500 dia	1	PAFZZN		
-56	G37483-067	75906	.	CLAMP, Loop- cushioned-	.250 dia	4	PAFZZN		
-57	B55104-003	75906	.	UNION, Bulkhead- 1/4 tube		1	PAFZZN		
-58	S55104-003	75906	.	UNION, Bulkhead- 1/4 tube		2	PAFZZN		
-59	B39078-012	75906	.	ELBOW, Pipe to tube-	1/4 mnpt x 3/8 tube	1	PAFZZN		
-60	B48016-002	75906	.	NIPPLE, Pipe- close-	1/4 mnpt x 1.12 lg	1	XB		
-61	582204-001	75906	.	FILTER ASSY, 1/4 in.- F-1		1	PAFFFF		
-62	582204-002	75906	.	ELEMENT, Filter- F-1		1	PAFZZN		
-63	B37709-020	75906	.	ADAPTER, Straight- pipe to tube-	1/4 mnpt x 1/2 tube	1	PAFZZN		
-64	B39078-006	75906	.	ELBOW, Pipe to tube-	1/4 mnpt x 1/4 tube	1	PAFZZN		
-65	793674-017	75906	.	VALVE, Solenoid- 3-way-	1/4 in- 120vac- SV-2	1	PAFZZN		
-66	S37744-003	75906	.	ADAPTER, Straight- bkhd-	1/4 fnpt x 1/4 tube	1	PAFZZN		
-67	793674-016	75906	.	GAUGE, Pressure- 0-5000 psig-	PI-9	1	PAFZZN		
-68	792252-001	75906	.	FILTER ASSY, Scroll in-	1/2 in.- F-3	1	PAFFFF		
-69	792253-001	75906	.	ELEMENT, Filter- F-3		1	PAFZZN		
-70	581637-001	75906	.	RING, Hoist- swivel		4	XB		
-71	793674-018	75906	.	VALVE, Flow control-	1/4 in.- FCV-1	1	PAFZZN		
-72	MS51958-61	96906	.	SCREW, Machine- #10-32 unf x	.38 lg	6	PAFZZN		
-73	MS51957-49	96906	.	SCREW, Machine- #8-32 unc x	1.00 lg	4	PAFZZN		
-74	MS17830-08C	96906	.	NUT, Self-locking-	#8-32 unc	4	PAFZZN		
-75	MS51958-63	96906	.	SCREW, Machine- #10-32 unf x	.50 lg	4	PAFZZN		
-76	793416-001	75906	.	PANEL, VSA		1	XB		
-77	B50051-002	75906	.	PLUG, Pipe- socket head-	1/8 npt	1	XB		
-78	B37709-022	75906	.	ADAPTER, Straight- pipe to tube-	1/2 mnpt x 1/2 tube	2	PAFZZN		
-79	793243-001	75906	.	PIPE ASSY, VSA to buffer tank		1	XB		
-80	793243-002	75906	.	PIPE, 2 in.		1	XB		
-81	793243-003	75906	.	PIPE, Threaded-	2 in	1	XB		
-82	793243-004	75906	.	PIPE, Threaded-	2 in	1	XB		
-83	581531-003	75906	.	COUPLING, Grooved-	2 in	2	XB		
-84	B37709-010	75906	.	ADAPTER, Straight- pipe to tube-	1/4 mnpt x 1/4 tube	2	PAFZZN		
-85	S37462-425	75906	.	CLAMP, Band- heavy duty-	4.00-4.30 dia	2	XB		
-86	S55115-008	75906	.	UNION, Adapter- tube-	3/8 tube	2	PAFZZN		
-87	793431-001	75906	.	COMPRESSOR, Modified-	high pressure	1	XB		
-88	G53086-057	75906	.	SCREW, Hex- self-drilling-	#10 x .75 lg	6	PAFZZN		
-89	793272-001	75906	.	BRACKET, Barrier panel		1	XB		

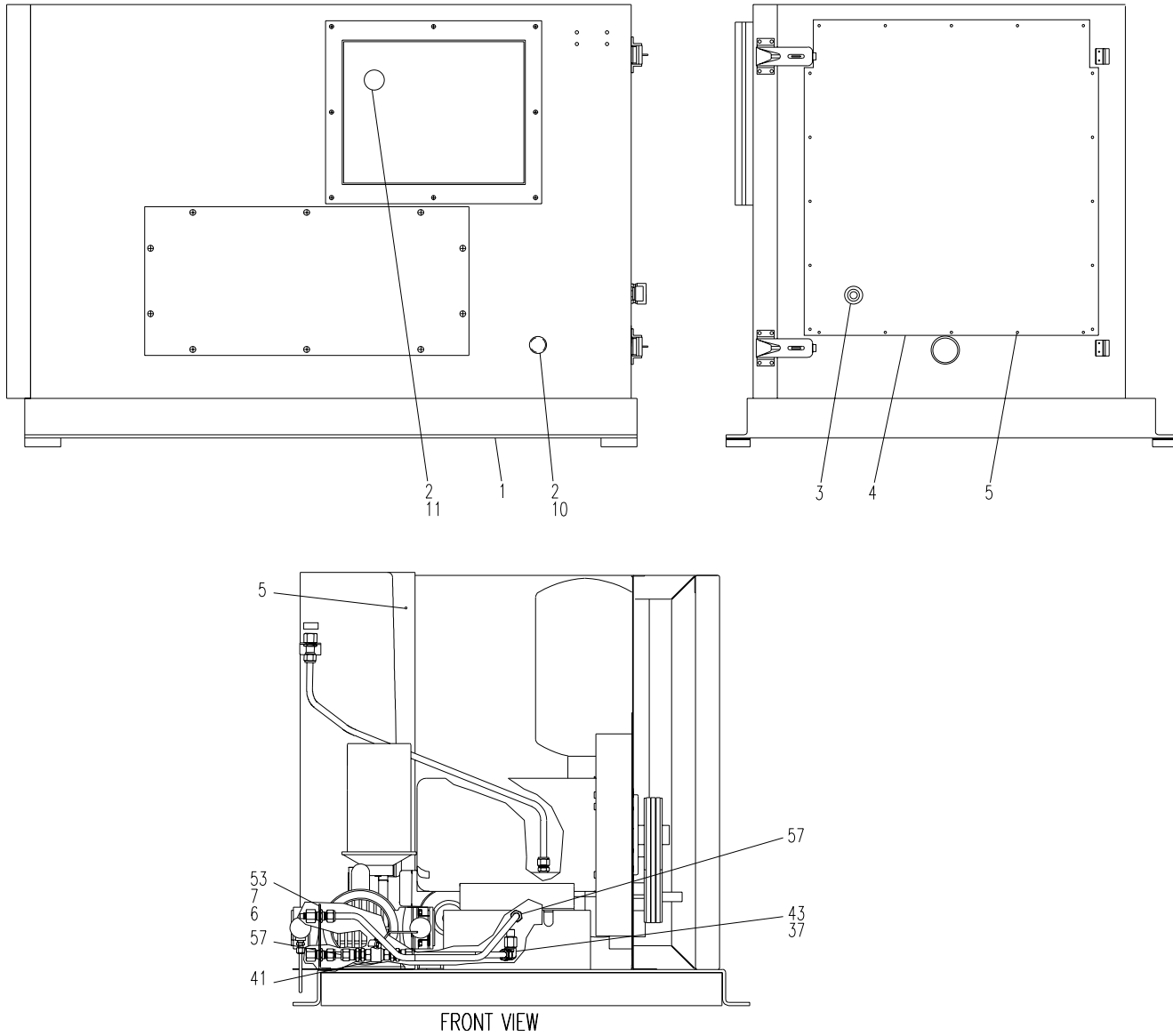


Figure 3. Oxygen System Modification (sh 1 of 3).

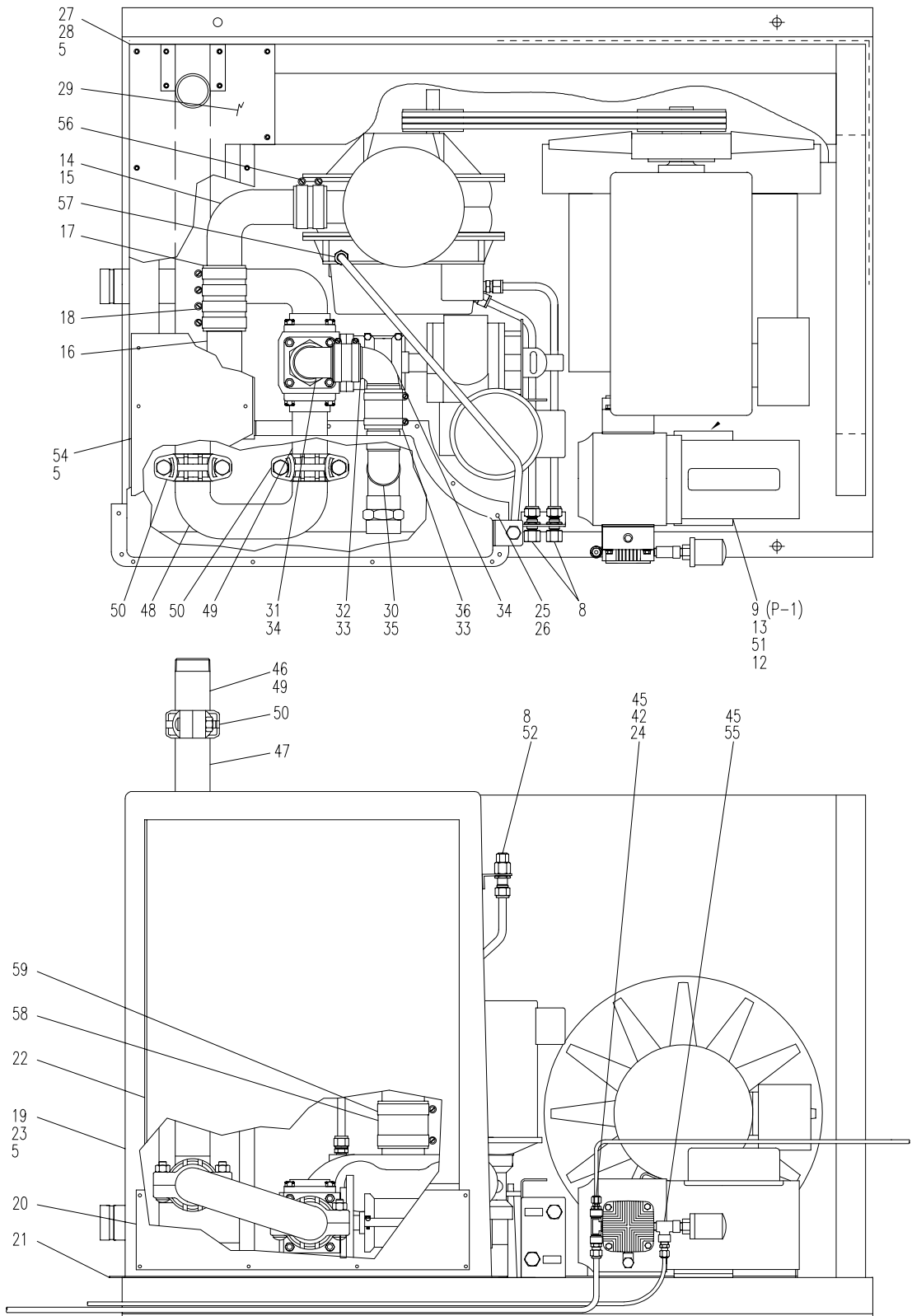


Figure 3. Oxygen System Modification (sh 2 of 3).

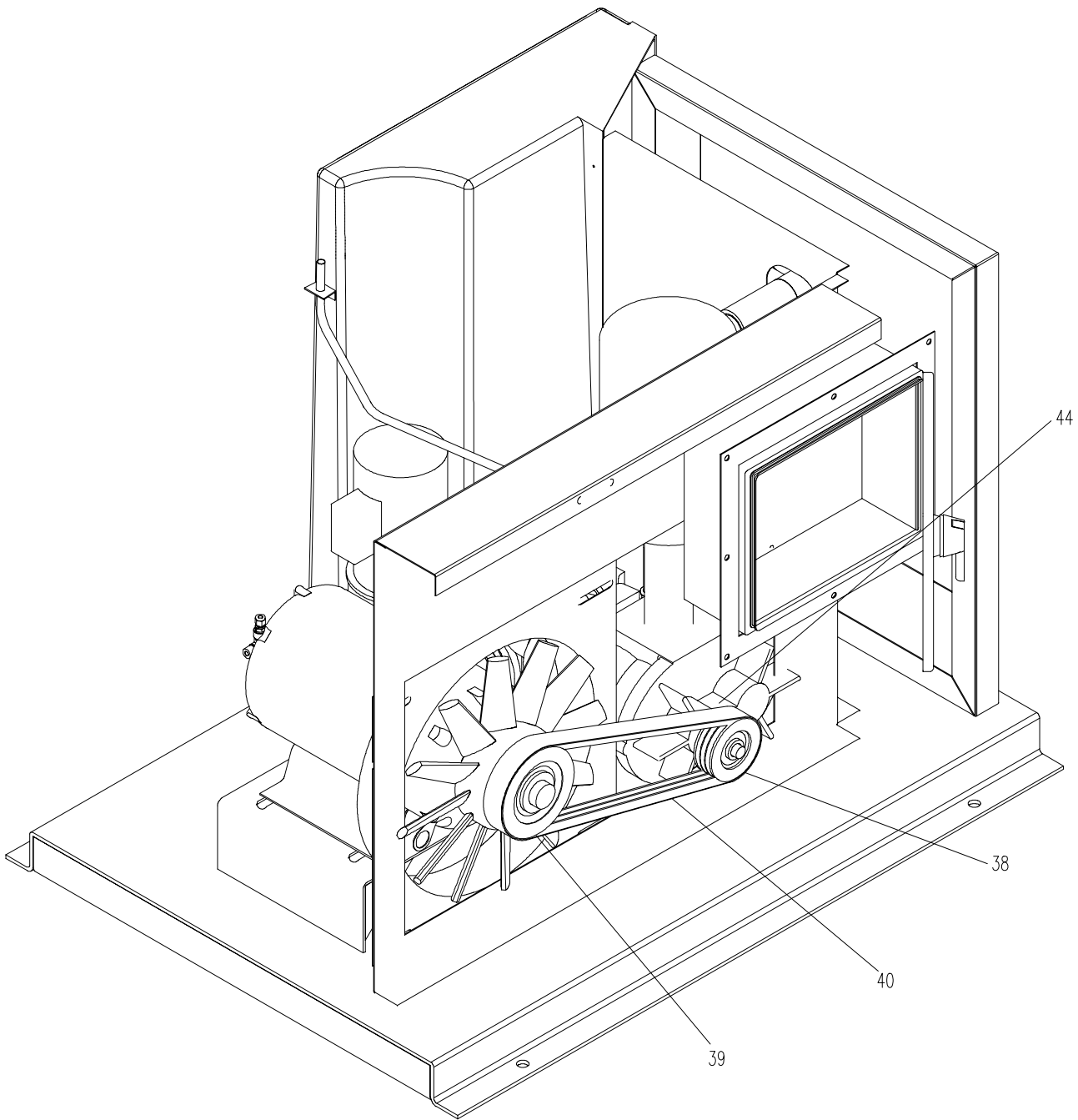


Figure 3. Oxygen System Modification (sh 3 of 3).



Figure & Index No.	Part Number	FSCM				Description	Units Per Assy	SMR Code	Usable on Code
		1	2	3	4				
3-	793231-001	75906				MODIFICATION, Oxygen system.....	REF		XB
-1	590280-001	75906				. OXYGEN GENERATION SYSTEM, 120 lpm- 93%.....	1		XB
-2	G50085-049	75906				. PLUG, Finishing- 1.38 dia.....	2		XB
-3	A37710-014	75906				. SHELL, Electrical- 3/4 x .63-.75 dia	1		XB
-4	793198-001	75906				. PANEL, Cover- VSA.....	1		XB
-5	G53086-055	75906				. SCREW, Self-drilling- #8.....	39		PAFZZN
-6	MS35338-137	96906				. WASHER, Lock- #8	2		PAFZZN
-7	S53458-108	75906				. SCREW, Machine- #8-32 unc x .50 lg	2		PAFZZN
-8	B37744-005	75906				. ADAPTER, Straight- pipe to tube- 3/8 mnpt x 1/2 tube	3		PAFZZN
-9	581532-007	75906				. PUMP, Vacuum- P-1	1		PAFZZN
-10	G50085-051	75906				. PLUG, Finishing- 1.50 dia.....	1		XB
-11	G50085-089	75906				. PLUG, Finishing- 1.19 dia.....	1		XB
-12	MS35338-140	96906				. WASHER, Lock- .312 dia	4		PAFZZN
-13	MS35307-332	96906				. SCREW, Cap- hex- .312-18 unc x .75 lg	4		PAFZZN
-14	793244-001	75906				. PIPE ASSY, Muffler to heat exchanger.....	1		XB
-15	793244-002	75906				. . PIPE.....	1		XB
-16	793244-003	75906				. . PIPE.....	1		XB
-17	793244-004	75906				. . HOSE.....	1		XB
-18	S37462-282	75906				. . CLAMP, Band- heavy duty- 2.62-2.91 dia	4		XB
-19	793246-001	75906				. SHROUD ASSY, Air exhaust.....	1		XB
-20	793059-001	75906				. . COVER, Access.....	1		XB
-21	793248-001	75906				. . COVER, Bottom.....	1		XB
-22	582108-002	75906				. . TRIM SEAL, 5/8 bulb	92		MFF
-23	793247-001	75906				. . SHROUD, Air exhaust.....	1		XB
-24	B54180-203	75906				. TEE, Male pipe- 1/4 mnpt	1		XB
-25	MS35307-306	96906				. SCREW, Cap- hex- .250-20 unc x .75 lg	4		PAFZZN
-26	MS15795-810	96906				. WASHER, Flat- .250 dia	4		PAFZZN
-27	793274-001	75906				. PANEL, Cover- VSA.....	1		XB
-28	793274-002	75906				. PANEL, Filter.....	1		XB
-29	793274-003	75906				. BARRIER, Acoustical	1		XB
-30	793268-001	75906				. PIPE ASSY, Lower- aftercooler	1		XB
-31	793268-002	75906				. . PIPE.....	1		XB
-32	W10039-071	75906				. . HOSE, 2.38 id x 3.00 lg.....	3		MFF
-33	S37471-022	75906				. . CLAMP, Band- worm drive- 2.06-3.00 dia	4		XB
-34	793268-006	75906				. . ELBOW	2		XB
-35	793268-003	75906				. . PIPE.....	1		XB
-36	793268-004	75906				. . HOSE.....	1		XB
-37	B39078-016	75906				. ELBOW, Pipe to tube- 3/8 mnpt x 1/2 tube.....	1		PAFZZN
-38	582320-003	75906				. SHEAVE, 5V- 3-groove- 4.65 dia	1		XB
-39	582320-004	75906				. SHEAVE, 5V- 3-groove- 6.70 dia.....	1		XB
-40	582321-002	75906				. BELT, 5V- 53.0 lg.....	3		PAFZZN
-41	582007-002	75906				. VALVE, Ball- 3/8 pipe.....	1		PAFZZN
-42	B37709-016	75906				. ADAPTER, Straight- pipe to tube- 1/4 mnpt x 3/8 tube	1		PAFZZN
-43	B35225-006	75906				. ADAPTER, 3/8 fnpt x 3/8 mnpt	1		PAFZZN
-44	G40300-016	75906				. FITTING, Grease- 90°- 1/8 mnpt	2		XB



Figure & Index No.	Part Number	FSCM				Description	Units Per Assy	SMR Code	Usable on Code
		1	2	3	4				
3	-45	B37709-010	75906	.		ADAPTER, Straight- pipe to tube- 1/4 mnpt x 1/4 tube	2	PAFZZN	
	-46	793242-001	75906	.		PIPE ASSY, Muffler to heat exchanger	1	XB	
	-47	793242-002	75906	.		PIPE	1	XB	
	-48	793242-003	75906	.		PIPE	1	XB	
	-49	793242-004	75906	.		PIPE, Threaded	2	XB	
	-50	581531-003	75906	.		COUPLING, Grooved- 2 in.	3	XB	
	-51	MS15795-812	96906	.		WASHER, Flat- .312 dia	4	PAFZZN	
	-52	793231-014	75906	.		BRACKET, Oil fill	1	XB	
	-53	793231-015	75906	.		BRACKET, Oil drain	1	XB	
	-54	793274-004	75906	.		PANEL, Cover	1	XB	
	-55	B54177-203	75906	.		TEE, Street- pipe- 1/4 npt	1	XB	
	-56	S37462-282	75906	.		CLAMP, Band- heavy duty- 2.62-2.91 dia	2	XB	
	-57	B37709-021	75906	.		ADAPTER, Straight- pipe to tube- 3/8 mnpt x 1/2 tube	4	PAFZZN	
	-58	W10039-045	75906	.		HOSE, 3.00 id x 4.50 lg	4.5	MF	
	-59	S37462-325	75906	.		CLAMP, Band- heavy duty- 3.04-3.40 dia	2	XB	

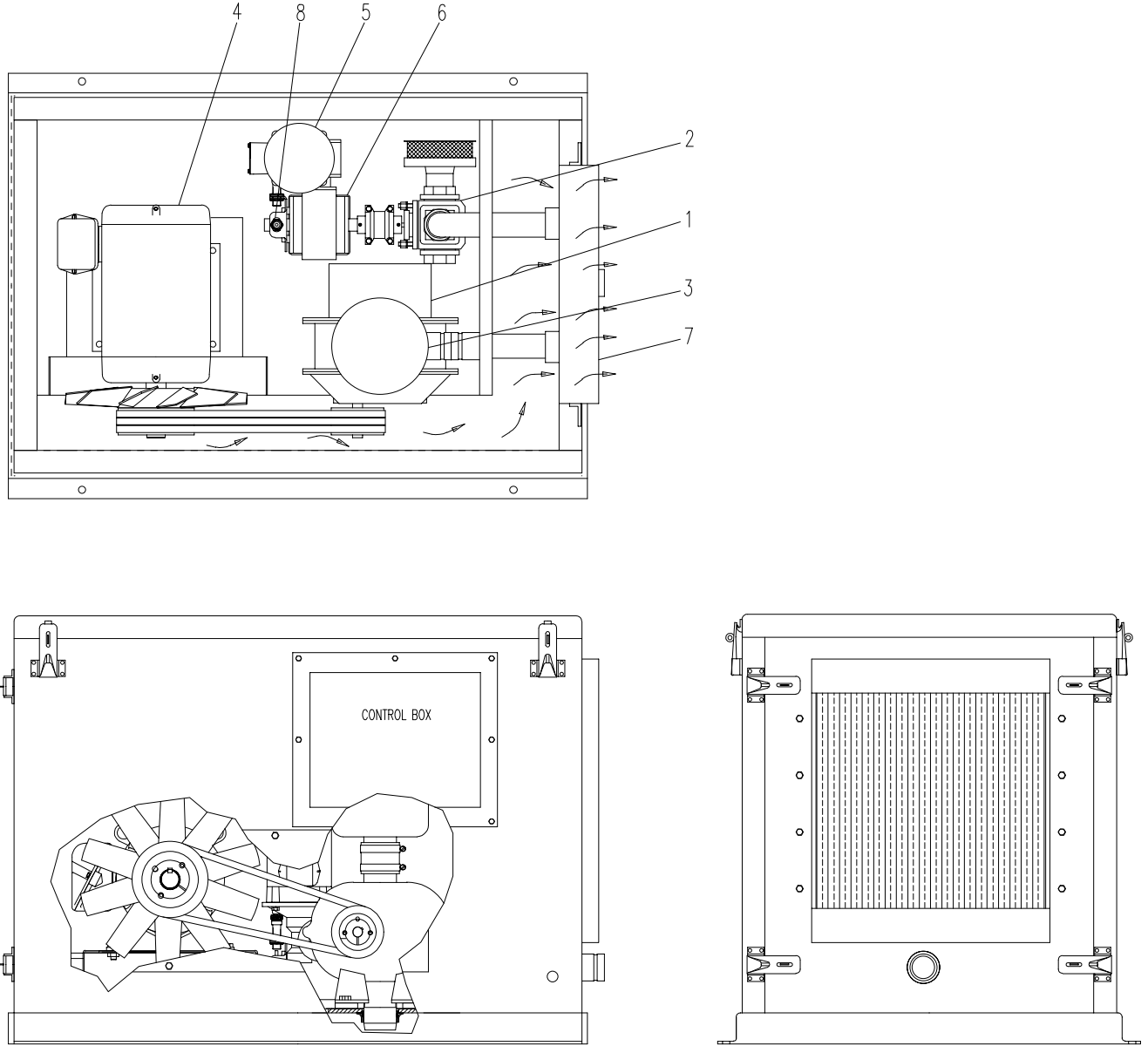


Figure 4. Oxygen Generation System, 120 LPM.

Figure & Index No.	Part Number	FSCM				Description	Units Per Assy	SMR Code	Usable on Code
		1	2	3	4				
4-	590280-001	75906				OXYGEN GENERATION SYSTEM, 120 lpm- 93%	REF		XB
-1	582225-002	75906				. BLOWER, Vertical flow- left drive	1		PAFDDT
-2	582481-001	75906				. VALVE, Ball- 4-way- V-1	1		PAFZZN
-3	582479-001	75906				. MUFFLER, Blower out	1		XB
-4	582379-001	75906				. MOTOR, Blower- M-100	1		PAFZZN
-5	582247-001	75906				. MOTOR, Valve operator- M-200	1		PAFZZN
-6	582378-001	75906				. DRIVE, Gear- valve operator- R-200	1		XB
-7	582478-001	75906				. HEAT EXCHANGER, Blower aftercooler- HX-100	1		XB
-8	582377-001	75906				. SWITCH, Proximity- PX-1, PX-2	2		PAFZZN

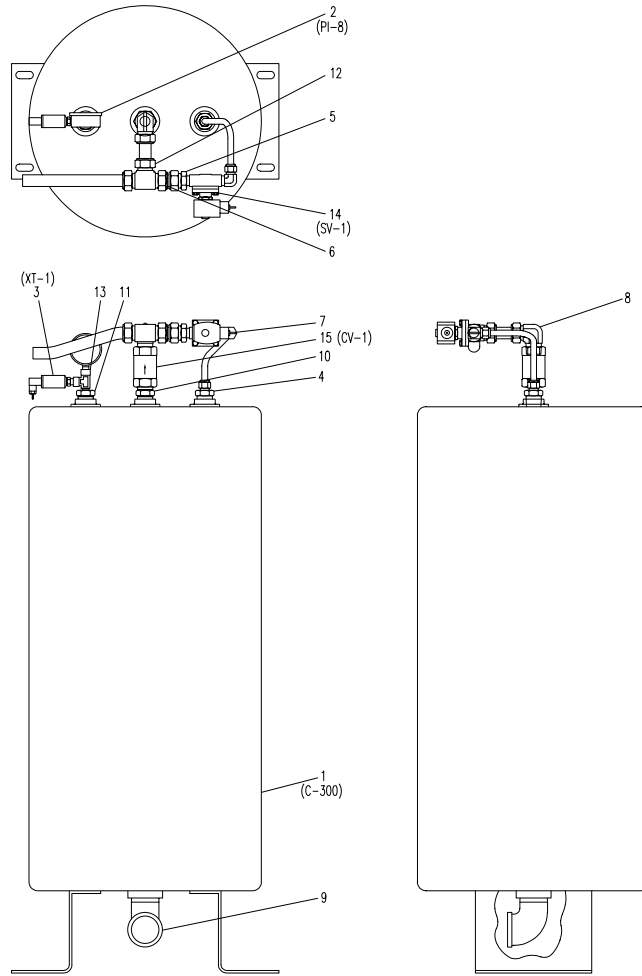


Figure 5. VSA Tank Assembly.

Figure & Index No.	Part Number	FSCM				Description	Units Per Assy	SMR Code	Usable on Code
		1	2	3	4				
5-	793245-001	75906				TANK ASSY, VSA- 150 lpm- C-300.....	REF		XB
-1	590293-002	75906	.			TANK, W/feet- C-300.....	1		XB
-2	580782-012	75906	.			GAUGE, Compound- -30 in hg-15 psig- PI-8	1		PAFZZN
-3	582171-004	75906	.			TRANSDUCER, Pressure- 0-75 psia- XT-1.....	1		PAFZZN
-4	B37709-035	75906	.			ADAPTER, Straight- pipe to tube- 1 mnpt x 1/2 tube	1		PAFZZN
-5	B37709-037	75906	.			ADAPTER, Straight- pipe to tube- 1 mnpt x 1 tube	1		PAFZZN
-6	B37746-016	75906	.			ADAPTER, Port- tube to tube- 1 tube	1		PAFZZN
-7	B39078-017	75906	.			ELBOW, Pipe to tube- 1/2 mnpt x 1/2 tube	1		PAFZZN
-8	B39078-024	75906	.			ELBOW, Pipe to tube- 1 mnpt x 1 tube	1		PAFZZN
-9	G39134-032	75906	.			ELBOW, Street- pipe- 2 npt.....	1		XB
-10	B48020-212	75906	.			NIPPLE, Pipe- hex- 1 mnpt.....	1		XB
-11	B52100-015	75906	.			REDUCER, Ptr- 1 mnpt x 1/4 fnpt.....	1		XB
-12	B54146-010	75906	.			TEE, Union- 1 tube	1		PAFZZN
-13	B54177-203	75906	.			TEE, Street- pipe- 1/4 npt.....	1		XB
-14	581355-003	75906	.			VALVE, Solenoid- 1/2 in- 120vac- SV-1	1		PAFZZN
-15	582189-001	75906	.			VALVE, Check- 1 in.- CV-1.....	1		PAFZZN

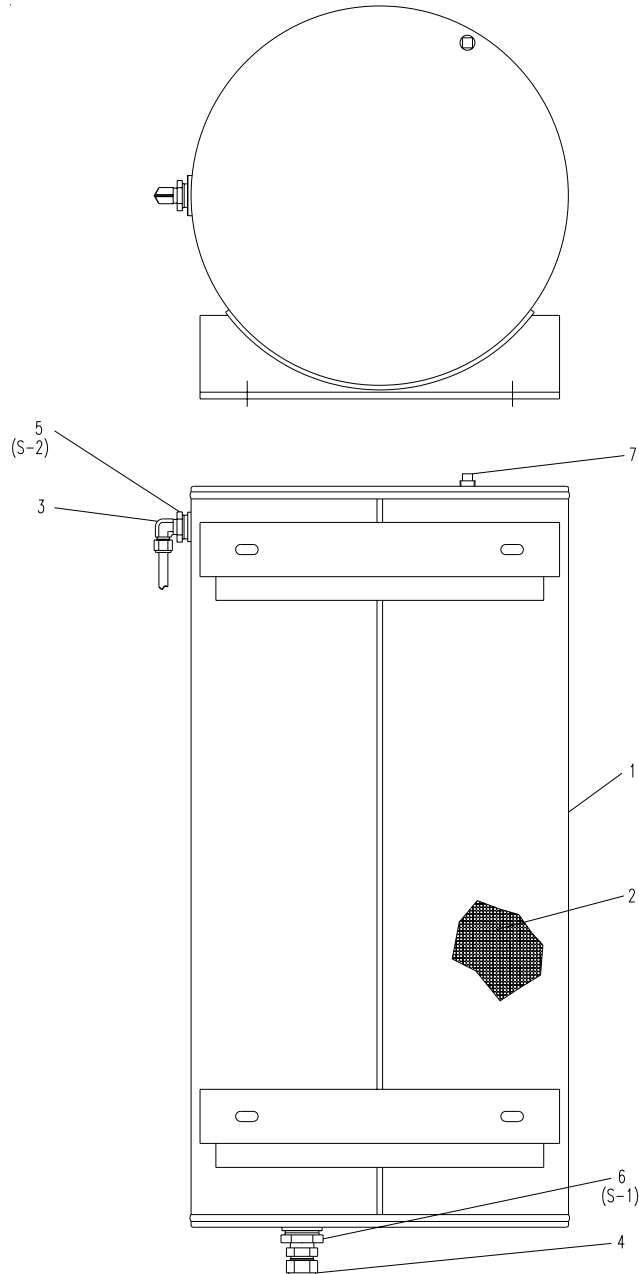


Figure 6. Buffer Tank Assembly.

Figure & Index No.	Part Number	FSCM				Description	Units Per Assy	SMR Code	Usable on Code
		1	2	3	4				
6-	793276-001	75906				TANK ASSY, Buffer- 21.0 dia- C-400.....	REF		XB
-1	792674-001	75906				. TANK, Buffer.....	1		XB
-2	582416-001	75906				. DESICCANT, Siliporite.....	280		XB
-3	B39078-017	75906				. ELBOW, Pipe to tube- 1/2 mnpt x 1/2 tube.....	1		PAFZZN
-4	B37709-031	75906				. ADAPTER, Straight- pipe to tube- 1 mnpt x 1 tube.....	1		PAFZZN
-5	582178-001	75906				. STRAINER, Tank- 1 mnpt x 1/2 fnpt- S-2.....	1		XB
-6	582178-002	75906				. STRAINER, Tank- 1-1/2 mnpt x 1 fnpt- S-1.....	1		XB
-7	B50050-005	75906				. PLUG, Pipe- sq head- 1/2 npt.....	1		XB

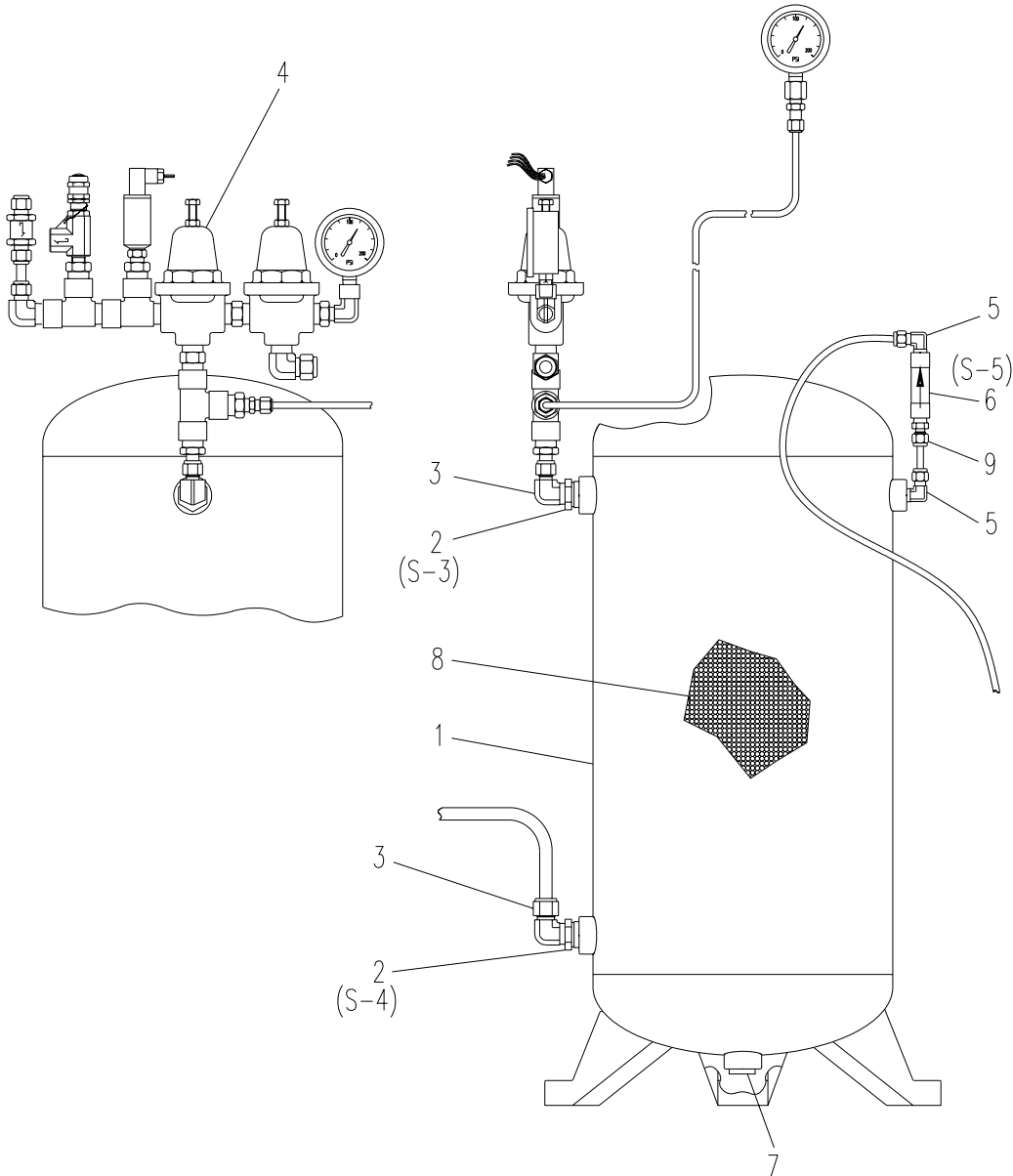


Figure 7. Tank Assembly, 12 Gallon.

Figure & Index No.	Part Number	FSCM				Description	Units Per Assy	SMR Code	Usable on Code
		1	2	3	4				
7-	792914-001	75906				TANK ASSY, 12 gallon- C-500	REF		XB
-1	581972-002	75906				. RECEIVER, Vertical- 12 gallon	1		XB
-2	582178-003	75906				. STRAINER, Tank- 3/4 mnpt x 1/2 fnpt- S-3, S-4.....	2		XB
-3	B39078-017	75906				. ELBOW, Pipe to tube- 1/2 mnpt x 1/2 tube	2		PAFZZN
-4	792676-001	75906				. CONNECTOR ASSY, Tank to heat exchanger	1		XB
-5	B39078-006	75906				. ELBOW, Pipe to tube- 1/4 mnpt x 1/4 tube	2		PAFZZN
-6	580026-009	75906				. STRAINER, Inline- 1/4 pipe- S-5.....	1		XB
-7	B50051-006	75906				. PLUG, Pipe- soc. head- 3/4 npt.....	1		XB
-8	582416-001	75906				. DESICCANT, Siliporite.....	59		XB
-9	B37709-010	75906				. ADAPTER, Straight- pipe to tube- 1/4 mnpt x 1/4 tube	1		PAFZZN

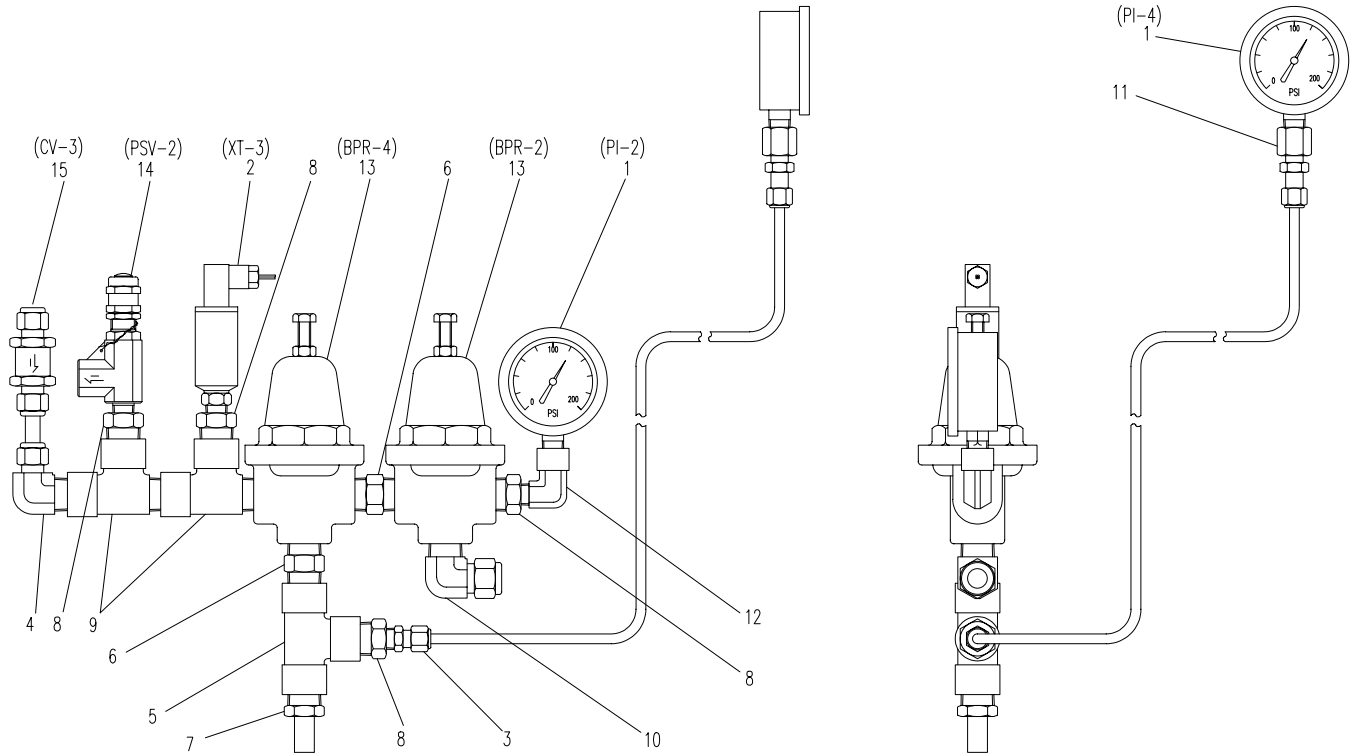


Figure 8. Connector Assembly, Tank to Heat Exchanger.

Figure & Index No.	Part Number	FSCM				Description	Units Per Assy	SMR Code	Usable on Code
		1	2	3	4				
8-	792676-001	75906				CONNECTOR ASSY, Tank to heat exchanger	REF	XB	
-1	580782-010	75906				. GAUGE, Pressure- 0-200 psi- PI-2, PI-4	2	PAFZZN	
-2	582171-006	75906				. TRANSDUCER, Pressure- 0-150 psig- XT-3	1	PAFZZN	
-3	B37709-010	75906				. ADAPTER, Straight- pipe to tube- 1/4 pipe x 1/4 tube	1	PAFZZN	
-4	B39078-014	75906				. ELBOW, Pipe to tube- 1/2 mnpt x 3/8 tube	1	PAFZZN	
-5	B54176-008	75906				. TEE, Pipe- 1/2 fnpt	1	XB	
-6	B48020-209	75906				. NIPPLE, Pipe- hex- 1/2 mnpt	2	XB	
-7	B35220-017	75906				. ADAPTER, Pipe to tube- 1/2 mnpt x 1/2 tube	1	PAFZZN	
-8	B52100-008	75906				. REDUCER, Ptr- 1/2 mnpt x 1/4 fnpt	4	XB	
-9	B54177-210	75906				. TEE, Street- pipe- 1/2 npt	2	XB	
-10	B39078-017	75906				. ELBOW, Pipe to tube- 1/2 mnpt x 1/2 tube	1	PAFZZN	
-11	S37744-003	75906				. ADAPTER, Straight- blkhd- 1/4 mnpt x 1/4 tube	1	PAFZZN	
-12	B39076-203	75906				. ELBOW, Street- pipe- 1/4 npt	1	XB	
-13	581507-012	75906				. REGULATOR, Back pressure- 1/2 pipe- BPR-2, BPR-4	2	PAFZZN	
-14	791756-101	75906				. VALVE, Relief- 125 psig- PSV-2	1	PAFZZN	
-15	581525-007	75906				. VALVE, Check- 3/8 in.- CV-3	1	PAFZZN	

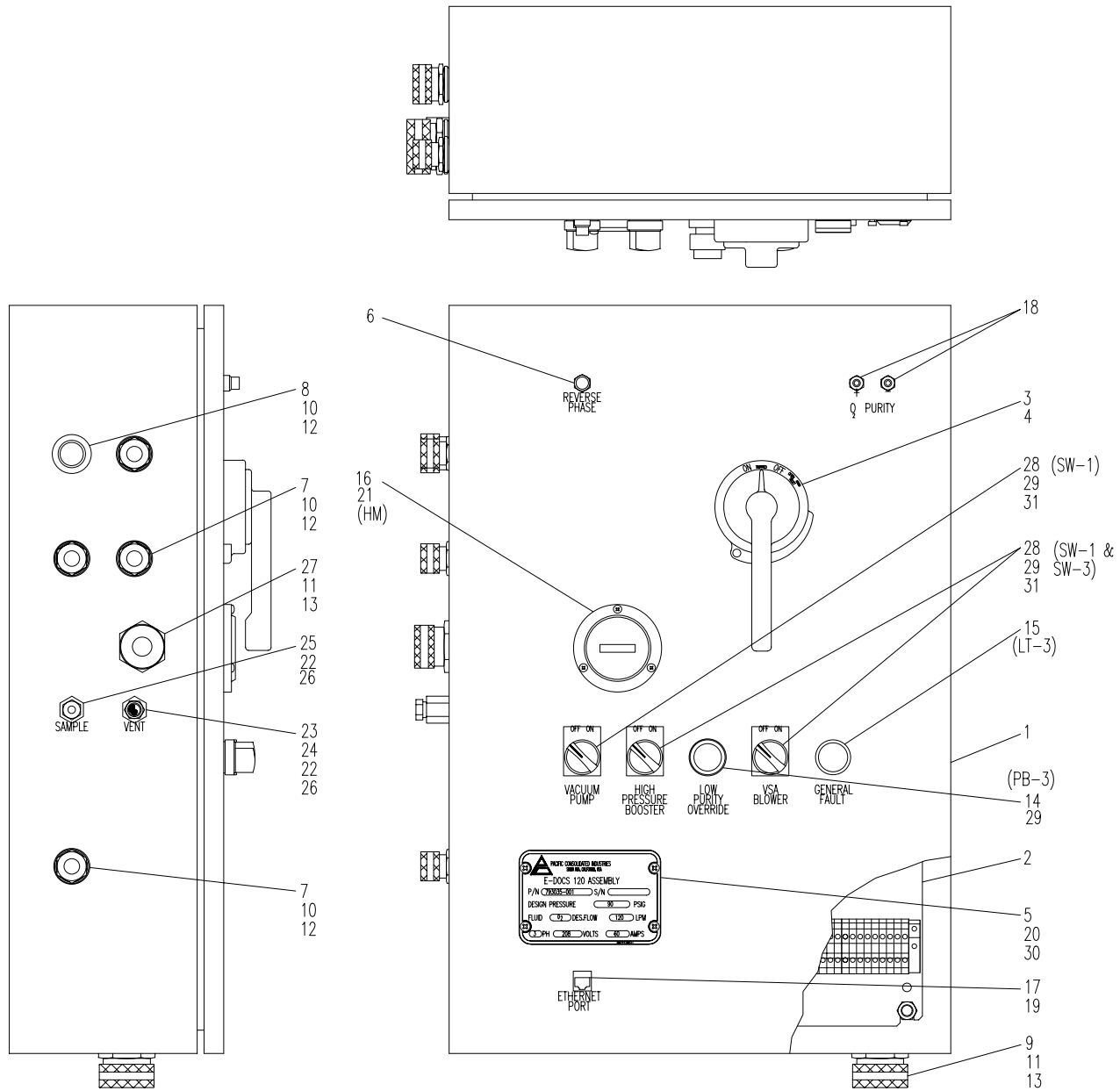


Figure 9. Electrical Control Box Assembly.



Figure & Index No.	Part Number	FSCM				Description	Units Per Assy	SMR Code	Usable on Code
		1	2	3	4				
9-	793075-003	75906				ELECTRICAL CONTROL BOX ASSY	REF		XB
-1	793074-001	75906				. ENCLOSURE, Electrical	1		XB
-2	793073-001	75906				. ELECTRICAL SUB-PANEL ASSY	1		XB
-3	580962-001	75906				. HANDLE, Disconnect	1		XB
-4	580919-001	75906				. SHAFT, Handle- disconnect	1		XB
-5	792711-004	75906				. NAMEPLATE	1		XB
-6	582227-001	75906				. LIGHT, Indicator- phase monitor	1		PAFZZN
-7	A37710-006	75906				. SHELL, Electrical- 1/2 x .31-.44	4		XB
-8	A37710-009	75906				. SHELL, Electrical- 1/2 x .63-.75	1		XB
-9	A37710-020	75906				. SHELL, Electrical- 1 x .88-1.00	1		XB
-10	Y49301-001	75906				. O-RING, Electrical- 1/2	5		XB
-11	Y49301-003	75906				. O-RING, Electrical- 1	2		XB
-12	G48050-050	75906				. NUT, Electrical- 1/2 in	5		XB
-13	G48050-100	75906				. NUT, Electrical- 1 in	2		XB
-14	581904-018	75906				. PUSHBUTTON, Lighted- push-to-test- PB-3	1		PAFZZN
-15	581904-009	75906				. LIGHT, Pilot- red- LT-3	1		PAFZZN
-16	581701-029	75906				. HOUR METER, HM	1		PAFZZN
-17	582228-001	75906				. COUPLER, Inline- ethernet	1		XB
-18	582078-001	75906				. JACK, Banana- pair- panel mount	1		XB
-19	582228-002	75906				. CABLE, Patch- ethernet- 3 ft lg	1		XB
-20	MS51957-45	96906				. SCREW, Machine- #8-32 unc x .50 lg	4		PAFZZN
-21	MS51957-30	96906				. SCREW, Machine- #6-32 unc x .50 lg	3		PAFZZN
-22	W09074-007	75906				. TUBING, Silicone- .375 od x .250 id	12		MFF
-23	581677-002	75906				. PLUG, Breather- vent- 1/4 mnpt	1		XB
-24	B37744-004	75906				. ADAPTER, Straight- bkhd- 1/4 fnpt x 3/8 tube	1		PAFZZN
-25	B55106-002	75906				. UNION, Reducing- bkhd- 3/8 tube x 1/4 tube	1		PAFZZN
-26	B43700-009	75906				. INSERT, Barbed- 3/8 tube	2		PAFZZN
-27	A37710-017	75906				. SHELL, Electrical- 1 x .50-.63	1		XB
-28	582328-011	75906				. SWITCH, Selector- 2-position- SW-1, SW-2, SW-3	3		PAFZZN
-29	582328-032	75906				. BASE, Mounting- with 1 n.o. contact	4		PAFZZN
-30	MS17830-08C	96906				. NUT, Self-locking- #8-32 unc	4		PAFZZN
-31	582349-004	75906				. NAMEPLATE, Off-on	3		XB

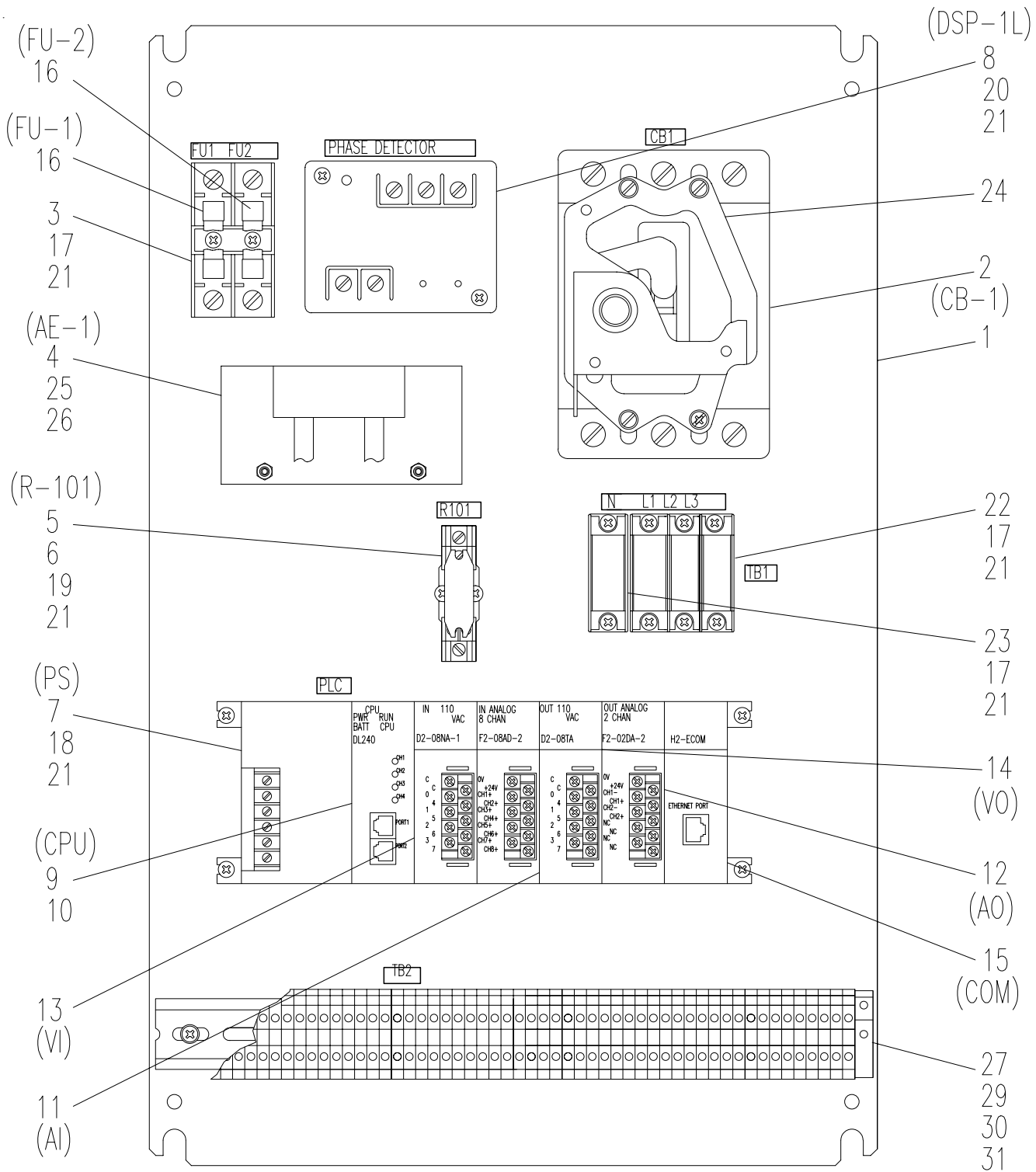


Figure 10. Electrical Sub-Panel Assembly.



Figure & Index No.	Part Number	FSCM				Description	Units Per Assy	SMR Code	Usable on Code
		1	2	3	4				
10-	793073-001	75906				ELECTRICAL SUB-PANEL ASSY	REF		XB
-1	793072-001	75906				. SUB-PANEL, Electrical	1		XB
-2	580705-005	75906				. CIRCUIT BREAKER, 100 amp- CB-1	1		PAFZZN
-3	580707-010	75906				. BLOCK, Fuse- 2 pole	1		XB
-4	581916-003	75906				. SENSOR, Oxygen- AE-1	1		PAFZZN
-5	581835-003	75906				. RELAY, 10 amp- spdt- 120vac- R-101	1		PAFZZN
-6	581835-004	75906				. SOCKET, Relay	1		XB
-7	581930-008	75906				. POWER SUPPLY, Plc- PS	1		PAFZZN
-8	582186-001	75906				. PHASE DETECTOR- DSP-1L	1		PAFZZN
-9	792109-007	75906				. CONTROLLER, Programmed- CPU	1		PAFFFP
-10	791557-004	75906				. EEPROM, Programmed	1		PAFZZN
-11	581930-014	75906				. MODULE, Analog input- volts- 8 channel- AI	1		PAFZZN
-12	581930-010	75906				. MODULE, Analog output- volts- 2 channel- AO	1		PAFZZN
-13	581930-011	75906				. MODULE, Input- ac volts- 8 inputs- VI	1		PAFZZN
-14	581930-012	75906				. MODULE, Output- ac volts- 8 outputs- VO	1		PAFZZN
-15	581930-013	75906				. MODULE, Communication- ethernet- COM	1		PAFZZN
-16	580886-004	75906				. FUSE, 10 amp- 13/32 dia x 1.5 lg- FU-1, FU-2	2		PAFZZN
-17	MS51957-43	96906				. SCREW, Machine- #8-32 unc x .38 lg	10		PAFZZN
-18	MS51957-46	96906				. SCREW, Machine- #8-32 unc x .62 lg	4		PAFZZN
-19	MS51957-48	96906				. SCREW, Machine- #8-32 unc x .88 lg	2		PAFZZN
-20	MS51957-49	96906				. SCREW, Machine- #8-32 unc x 1.00 lg	2		PAFZZN
-21	MS35338-137	96906				. WASHER, Lock- #8	18		PAFZZN
-22	582353-001	75906				. BLOCK, Terminal- power distribution- 3 pole	1		XB
-23	582353-002	75906				. BLOCK, Terminal- power distribution- 1 pole	1		XB
-24	580918-001	75906				. MECHANISM, Handle- disconnect	1		XB
-25	MS51957-32	96906				. SCREW, Machine- #6-32 unc x .75 lg	2		PAFZZN
-26	W57078-485-31	75906				. WASHER, Flat- .156 dia- nylon	2		XB
-27	582281-003	75906				. RAIL, Mounting- din- 14.0 inch long	1		XB
-28	582281-006	75906				. BLOCK, Terminal- grey	56		XB
-29	582281-010	75906				. END STOP, Terminal block	2		XB
-30	MS51958-63	96906				. SCREW, Machine- #10-32 unf x .50 lg	4		PAFZZN
-31	MS15795-842	96906				. WASHER, Flat- #10	4		PAFZZN

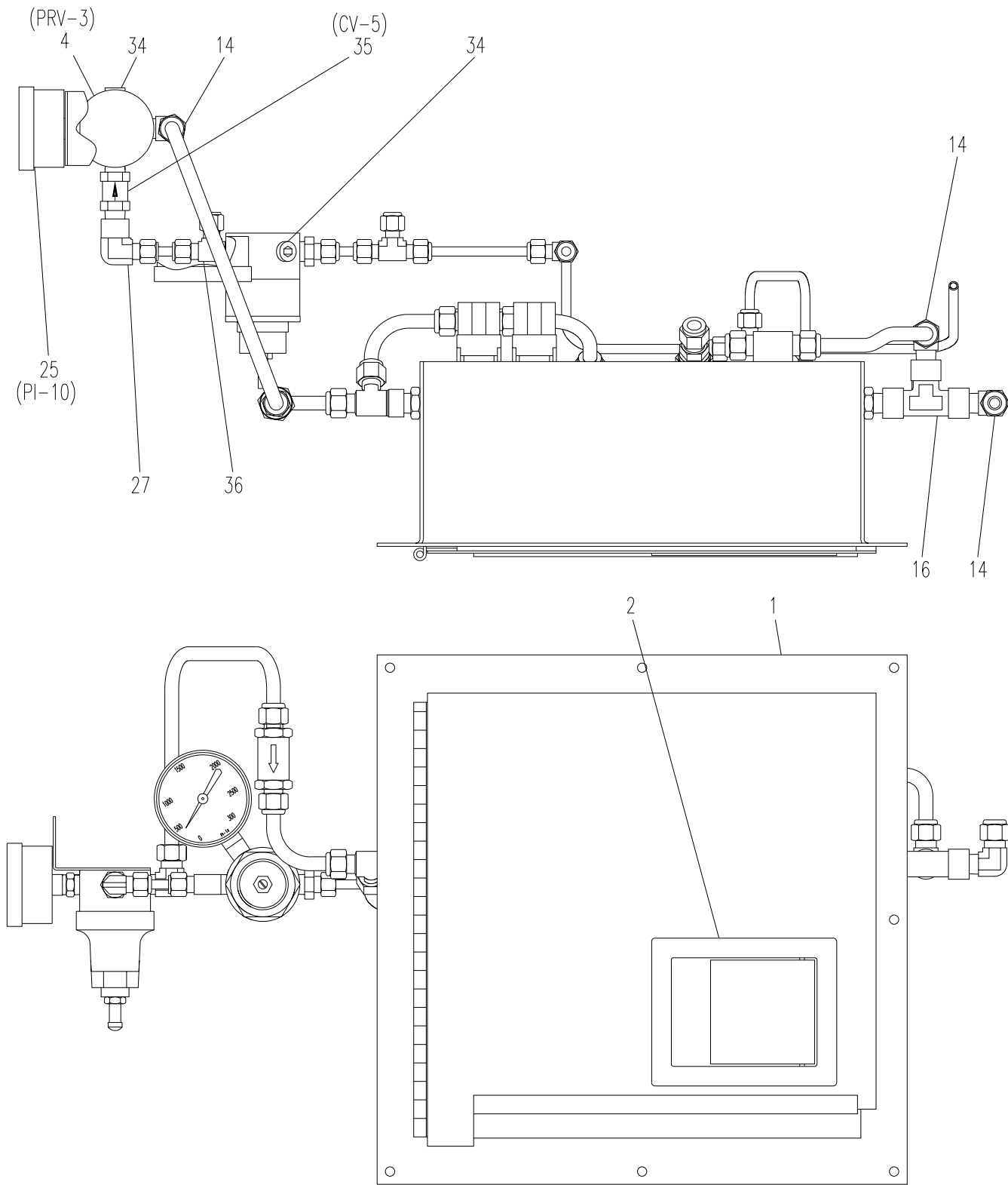
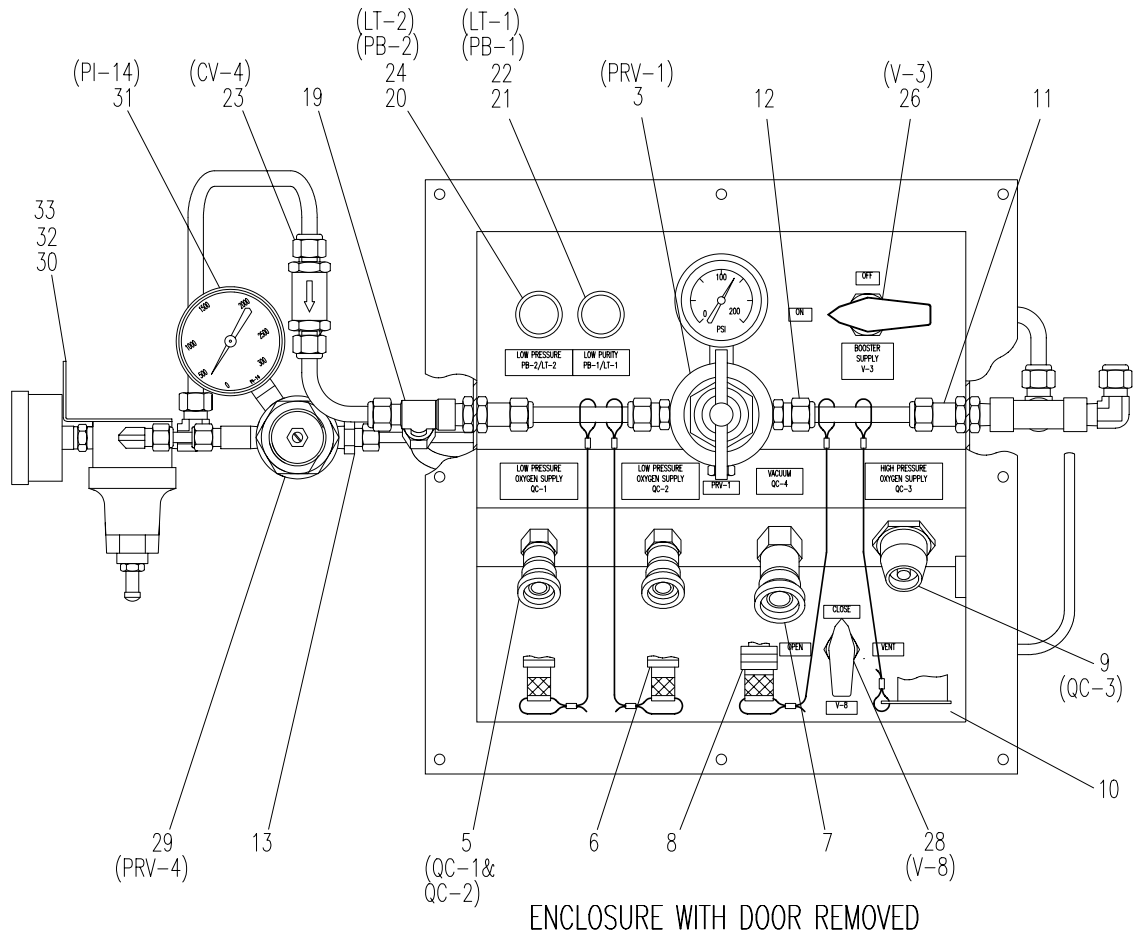
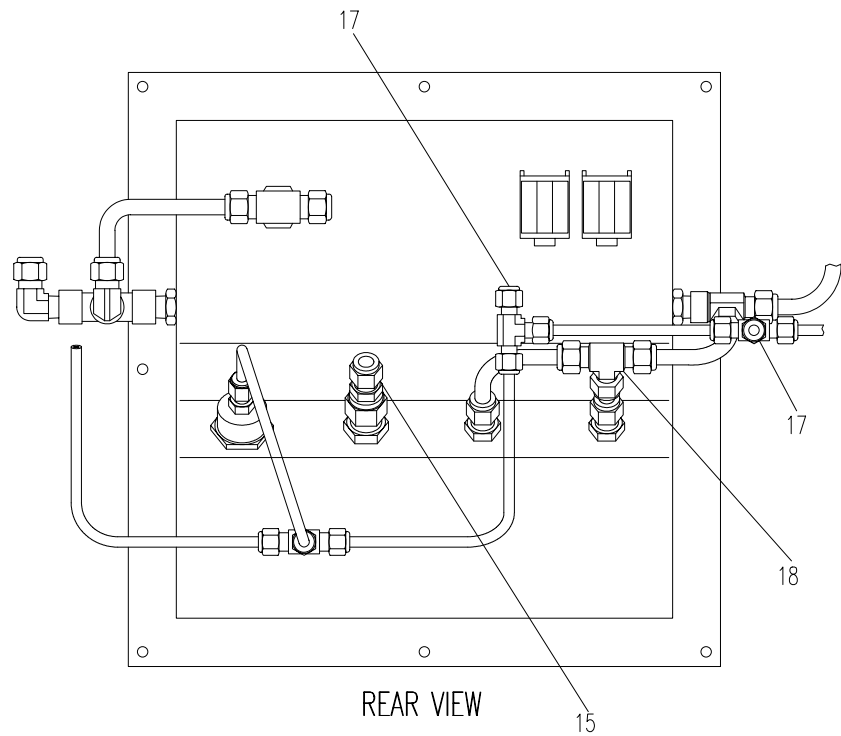


Figure 11. Distribution Box Assembly (sh 1 of 2).



ENCLOSURE WITH DOOR REMOVED



REAR VIEW

Figure 11. Distribution Box Assembly (sh 2 of 2).



Figure & Index No.	Part Number	FSCM				Description	Units Per Assy	SMR Code	Usable on Code
		1	2	3	4				
11-	793434-001	75906				DISTRIBUTION BOX ASSY	REF		XB
-1	793438-001	75906				. BOX, Quick connect	1		XB
-2	581715-001	75906				. LATCH, Paddle- non-locking	1		XB
-3	581018-003	75906				. REGULATOR, Pressure- PRV-1	1		PAFZZN
-4	793674-021	75906				. REGULATOR, Pressure- 10-175 psi- PRV-3	1		PAFZZN
-5	581438-054	75906				. COUPLING, Quick connect- 3/8 tube- QC-1, QC-2	2		PAFZZN
-6	581438-049	75906				. PROTECTOR, Body- 3/8 quick connect	2		XB
-7	581438-052	75906				. COUPLING, Quick connect- 1/2 tube- QC-4	1		PAFZZN
-8	581438-053	75906				. PROTECTOR, Body- 1/2 quick connect	1		XB
-9	581438-020	75906				. COUPLING, Quick connect- hp- 1/4 tube- QC-3	1		PAFZZN
-10	581438-010	75906				. CAP, Dust- hp quick connect	1		XB
-11	B37703-004	75906				. ADAPTER, Straight- bkhd- 1/4 mnpt x 3/8 tube	2		PAFZZN
-12	B37709-016	75906				. ADAPTER, Straight- pipe to tube- 1/4 mnpt x 3/8 tube	2		PAFZZN
-13	B37709-010	75906				. ADAPTER, Straight- pipe to tube- 1/4 pipe x 1/4 tube	1		PAFZZN
-14	B39078-012	75906				. ELBOW, Pipe to tube- 1/4 mnpt x 3/8 tube	3		PAFZZN
-15	B52119-023	75906				. REDUCER, Tube- 1/2 tube x 3/8 tube	1		PAFZZN
-16	B54176-004	75906				. TEE, Pipe- 1/4 fnpt	1		XB
-17	S54146-004	75906				. TEE, Union- 1/4 tube	2		PAFZZN
-18	B54146-006	75906				. TEE, Union- 3/8 tube	1		PAFZZN
-19	B54149-033	75906				. TEE, Pipe to tube- 3/8 tube x 1/4 fnpt x 3/8 tube	1		PAFZZN
-20	581904-011	75906				. PUSHBUTTON, Lighted- push-to-test- red- PB-2	1		PAFZZN
-21	581904-013	75906				. PUSHBUTTON, Lighted- push-ti-test- yellow- PB-1	1		PAFZZN
-22	581904-012	75906				. BLOCK, Contact- lighted- yellow- 120vac- LT-1	1		PAFZZN
-23	793674-022	75906				. VALVE, Check- 3/8 in.- CV-4	1		PAFZZN
-24	581904-010	75906				. BLOCK, Contact- lighted- red- 120vac- LT-2	1		PAFZZN
-25	793674-023	75906				. GAUGE, Pressure- 0-300 psi- PI-10	1		PAFZZN
-26	793674-020	75906				. VALVE, Ball- 3/8 in.- V-3	1		PAFZZN
-27	S39116-005	75906				. ELBOW, Pipe to tube- 1/4 fnpt x 1/4 tube	1		PAFZZN
-28	793674-026	75906				. VALVE, Ball- 3-way- 1/4 in.- V-8	1		PAFZZN
-29	793674-024	75906				. REGULATOR, Pressure- PRV-4	1		PAFZZN
-30	793470-001	75906				. BRACKET, Regulator	1		XB
-31	793674-025	75906				. GAUGE, Pressure- 0-3000 psi- PI-14	1		PAFZZN
-32	S53087-553	75906				. SCREW, Machine- tapping- #10-32 x .50 lg	2		PAFZZN
-33	MS15795-842	96906				. WASHER, Flat- #10	2		PAFZZN
-34	B50051-003	75906				. PLUG, Pipe- 1/4 npt	2		PAFZZN
-35	581525-009	75906				. VALVE, Check- 1/4 inch- CV-5	1		PAFZZN
-36	S54140-100	75906				. TEE, Pipe to tube- 1/4 tube x 1/4 mnpt x 1/4 tube	1		PAFZZN

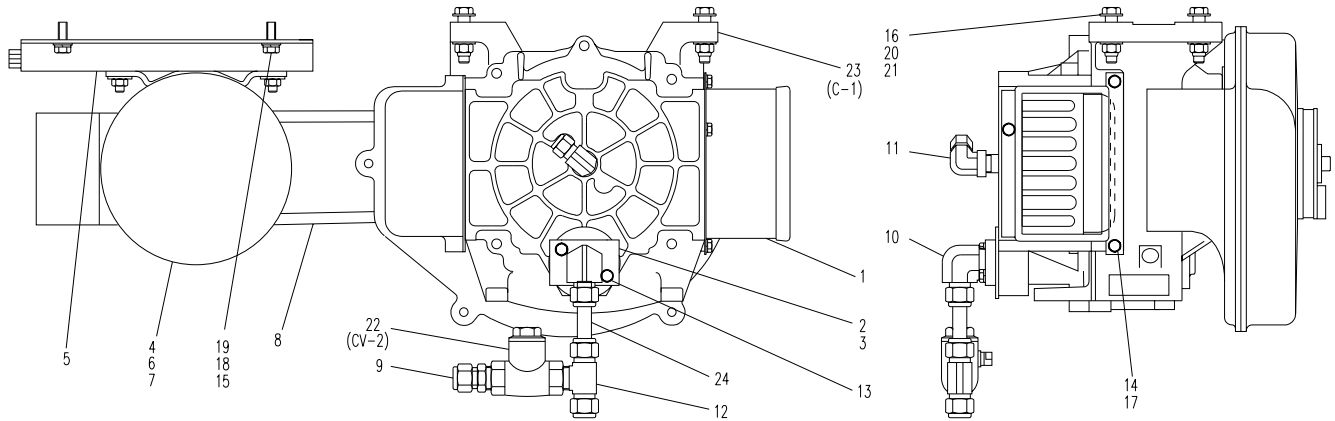


Figure 12. Scroll Compressor Assembly.

Figure & Index No.	Part Number	FSCM				Description	Units Per Assy	SMR Code	Usable on Code
		1	2	3	4				
12-	793039-001	75906				SCROLL COMPRESSOR ASSY	REF		XB
-1	792653-001	75906				. DIVERTER, Air- scroll compressor.....	1		XB
-2	793262-001	75906				. ADAPTER, Inlet- scroll compressor.....	1		XB
-3	793263-001	75906				. GASKET, Inlet- scroll compressor.....	1		PAFZZN
-4	582174-001	75906				. MOTOR, Electric- 2 hp- 230/460- 3ph- M-1	1		PAFZZN
-5	580338-005	75906				. BASE, Motor- adjustable- size 145.....	1		XB
-6	580210-013	75906				. SHEAVE, 3V- 1 groove- 4.12 dia.....	1		XB
-7	581892-019	75906				. BUSHING, Taper-lock- 1610 x .875 dia.....	1		XB
-8	582184-001	75906				. BELT, 3V- 40.0 lg.....	1		PAFZZN
-9	B37709-022	75906				. ADAPTER, Straight- pipe to tube- 1/2 mnpt x 1/2 tube	1		PAFZZN
-10	B39078-025	75906				. ELBOW, Pipe to tube- 3/4 mnpt x 1/2 tube	1		PAFZZN
-11	B39116-010	75906				. ELBOW, Pipe to tube- 3/8 fnpt x 3/8 tube.....	1		XB
-12	B54144-104	75906				. TEE, Pipe to tube- 1/2 tube x 1/2 tube x 1/2 mnpt	1		PAFZZN
-13	S36715-025	75906				. SCREW, Cap- hex- m6 x 1.0 x 25 lg	2		PAFZZN
-14	S36715-016	75906				. SCREW, Cap- hex- m6 x 1.0 x 16 lg	3		PAFZZN
-15	MS35307-332	96906				. SCREW, Cap- hex- .312-18 unc x .75 lg	4		PAFZZN
-16	MS35307-365	96906				. SCREW, Cap- hex- .375-16 unc x 1.75 lg	4		PAFZZN
-17	S57006-043	75906				. WASHER, Lock- 6 mm.....	3		PAFZZN
-18	MS35338-140	96906				. WASHER, Lock- .312 dia.....	4		PAFZZN
-19	MS15795-812	96906				. WASHER, Flat- .312 dia.....	4		PAFZZN
-20	MS15795-814	96906				. WASHER, Flat- .375 dia.....	8		PAFZZN
-21	MS17830-6C	96906				. NUT, Self-locking- .375-16 unc.....	4		PAFZZN
-22	580090-014	75906				. VALVE, Check- swing- 1/2 in.- CV-2.....	1		PAFZZN
-23	582172-001	75906				. COMPRESSOR, Scroll- C-1	1		PAFDDT
-24	793039-018	75906				. TUBE, .500 dia x .035 wall x 2.94 lg.....	1		XB

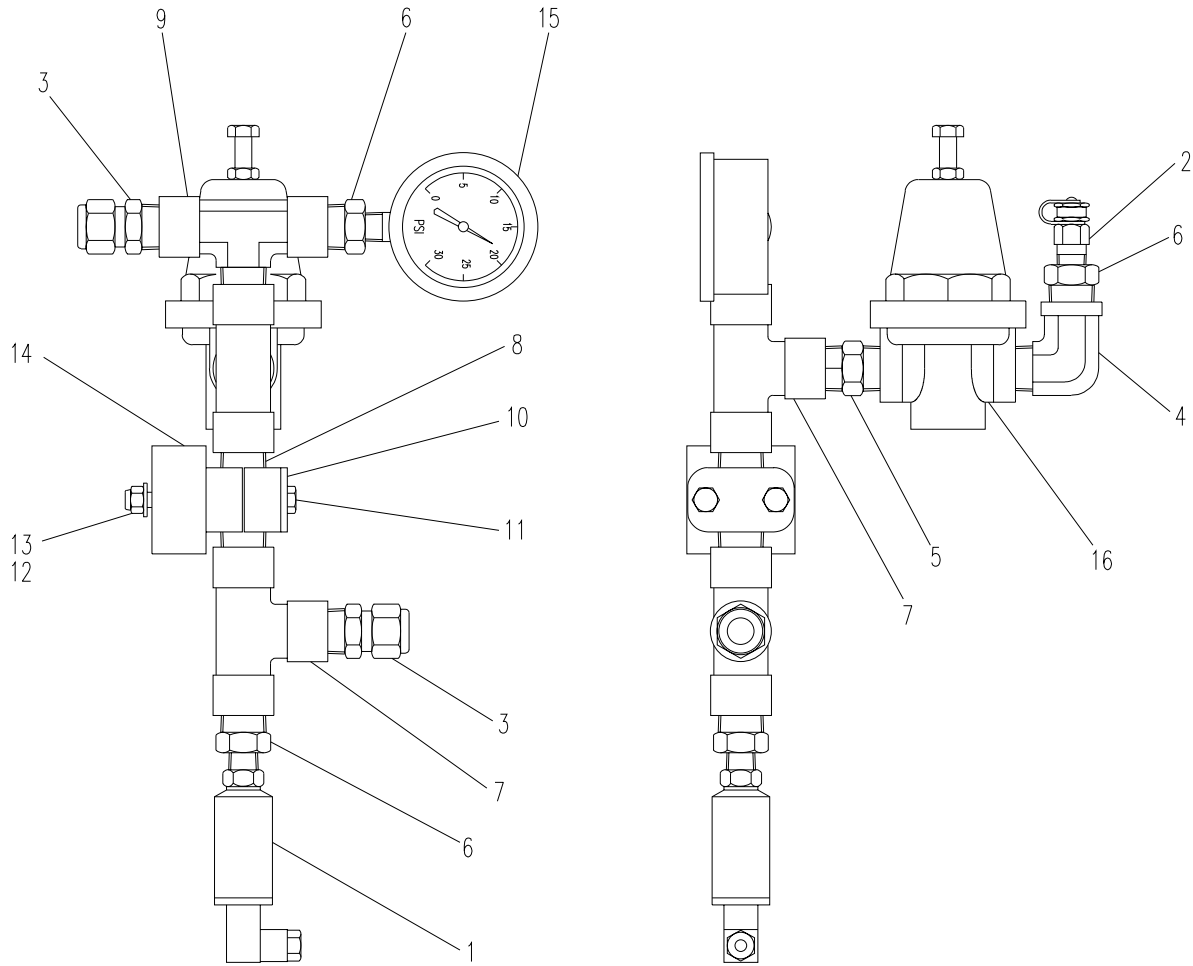


Figure 13. Connector Assembly, Scroll In.

Figure & Index No.	Part Number	FSCM				Description	Units Per Assy	SMR Code	Usable on Code
		1	2	3	4				
13-	792404-001	75906				CONNECTOR ASSY, Scroll in.....	REF	XB	
-1	582171-004	75906				TRANSDUCER, Pressure- 0-75 psia- XT-2.....	1	PAFZZN	
-2	582404-001	75906				PLUG, Test- 1/4 pipe	1	XB	
-3	B37709-022	75906				ADAPTER, Straight- pipe to tube- 1/2 mnpt x 1/2 tube	2	PAFZZN	
-4	B39076-010	75906				ELBOW, Street- pipe- 1/2 npt.....	1	XB	
-5	B48020-009	75906				NIPPLE, Pipe- hex- 1/2 mnpt.....	1	XB	
-6	B52100-008	75906				REDUCER, Ptr- 1/2 mnpt x 1/4 fnpt.....	3	XB	
-7	B54176-008	75906				TEE, Pipe- 1/2 fnpt.....	2	XB	
-8	B48017-035	75906				NIPPLE, Pipe- 1/2 mnpt x 2.5 lg.....	1	XB	
-9	B54180-210	75906				TEE, Pipe- male branch- 1/2 fnpt x 1/2 fnpt x 1/2 mnpt.....	1	XB	
-10	W37450-1812	75906				CLAMP, Pipe- 1/2.....	1	XB	
-11	MS35307-318	96906				SCREW, Cap- hex- .250-20 unc x 3.00 lg	2	PAFZZN	
-12	MS15795-810	96906				WASHER, Flat- .250 dia.....	2	PAFZZN	
-13	MS17830-4C	96906				NUT, Self-locking- .250-20 unc	2	PAFZZN	
-14	792404-002	75906				SPACER.....	1	XB	
-15	580782-010	75906				GAUGE, Pressure- 0-30 psig- PI-3.....	1	PAFZZN	
-16	581507-007	75906				REGULATOR, Back pressure- 1/2 pipe- BPR-1.....	1	PAFZZN	

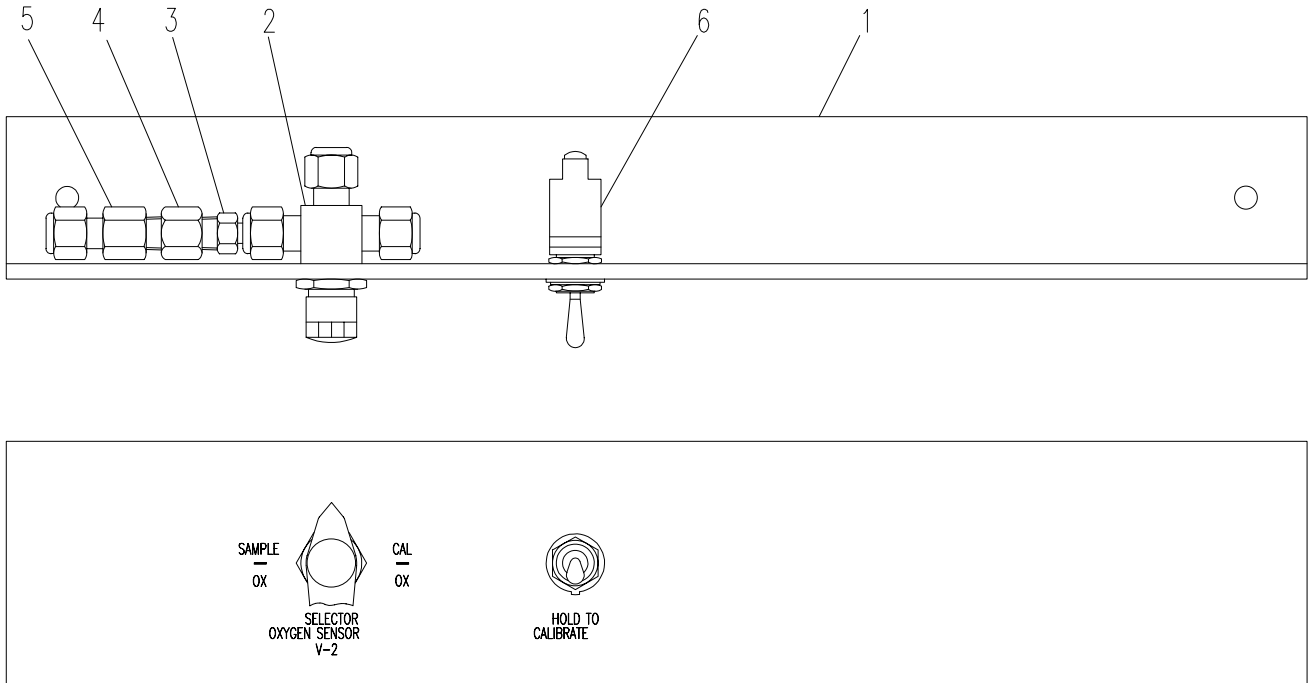


Figure 14. Bracket Assembly, Oxygen Sample Selector.

Figure & Index No.	Part Number	FSCM				Description	Units Per Assy	SMR Code	Usable on Code
		1	2	3	4				
14-	793124-001	75906				BRACKET ASSY, Oxygen sample selector	REF		
-1	793124-002	75906				. BRACKET.....	1		
-2	581511-003	75906				. VALVE, Ball- 3-way- 1/4 in.- V-2.....	1		PAFZZN
-3	B35220-005	75906				. ADAPTER, Pipe to tube- 1/8 mnpt x 1/4 tube	1		PAFZZN
-4	581996-001	75906				. FITTING, Orifice- 1/4 npt- .004 dia- OR-1	1		
-5	B37707-004	75906				. ADAPTER, Straight- pipe to tube- 1/8 fnpt x 1/4 tube	1		PAFZZN
-6	580036-015	75906				. SWITCH, Toggle- momentary- SW-4	1		PAFZZN

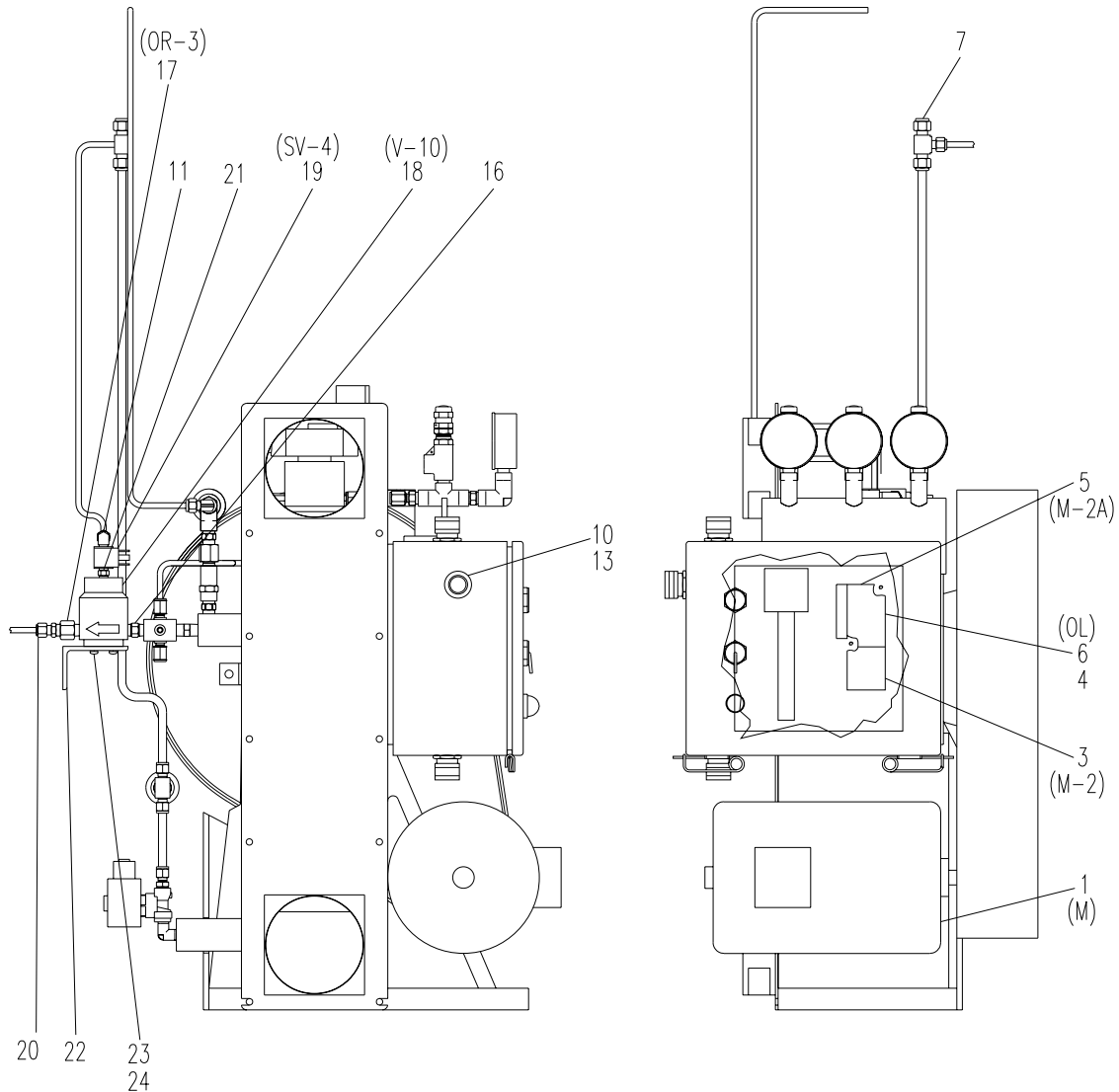


Figure 15. Modified High Pressure Compressor (sh 1 of 2).

Figure & Index No.	Part Number	FSCM				Description	Units Per Assy	SMR Code	Usable on Code
		1	2	3	4				
15-	793431-001	75906				COMPRESSOR, Modified- high pressure.....	REF	XB	
-1	582173-004	75906	.			MOTOR, Electric- 1.5 hp- 230/460- 3ph- M.....	1	PAFZZN	
-2	582179-003	75906	.			COMPRESSOR, Booster- gas- oxygen- C-2.....	1	PAFDDT	
-3	76-6215	28953	.			CONTACTOR, Electric- 3-pole- M-2.....	1	PAFZZN	
-4	MS51957-43	96906	.			SCREW, Machine- #8-32 unc x .38 lg.....	2	PAFZZN	
-5	476-76	28953	.			BLOCK, Contact- auxiliary- M-2A.....	2	PAFZZN	
-6	76-H41	28953	.			HEATER, motor overload- OL.....	3	PAFZZN	
-7	B54152-001	75906	.			TEE, Union- reducing- 3/8 tube x 3/8 tube x 1/4 tube.....	1	PAFZZN	
-8	S39078-006	75906	.			ELBOW, Pipe to tube- 1/4 mnpt x 1/4 tube.....	1	PAFZZN	
-9	581355-001	75906	.			VALVE, Solenoid- 2-way- nc- 1/4 in.-120vac- SV-3.....	1	PAFZZN	
-10	A37710-009	75906	.			SHELL, Electrical- 1/2 x .63-.75.....	1	XB	
-11	B39078-005	75906	.			ELBOW, Pipe to tube- 1/4 tube x 1/8 mnpt.....	1	PAFZZN	
-12	B37709-016	75906	.			ADAPTER, Straight- pipe to tube- 1/4 mnpt x 3/8 tube.....	1	PAFZZN	

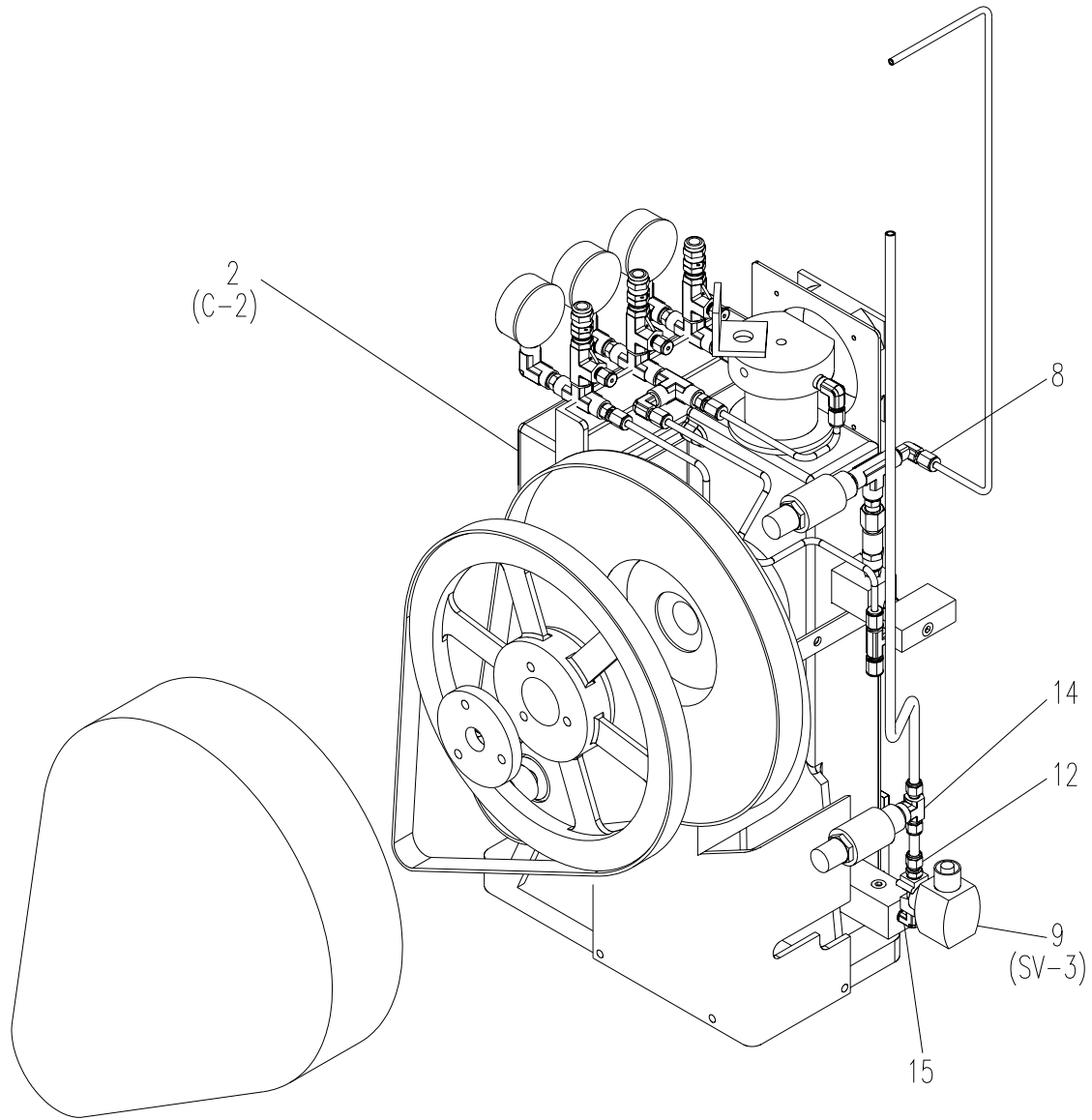


Figure 15. Modified High Pressure Compressor (sh 2 of 2).

Figure & Index No.	Part Number	FSCM	Description	Units Per	SMR	Usable
				Assy		
15 -13	G48050-050	75906	. NUT, Electrical- 1/2	1	XB	
-14	B54145-033	75906	. TEE, Pipe to tube- 3/8 tube x 3/8 tube x 1/4 fnpt.....	1	PAFZZN	
-15	B39093-004	75906	. ELBOW, Pipe- male- 1/4 mnpt	1	XB	
-16	B48020-204	75906	. NIPPLE, Hex- 1/4 npt	1	PAFZZN	
-17	581996-010	75906	. FITTING, Orifice- 1/4 npt- .020 dia- OR-3	1	PAFZZN	
-18	582118-002	75906	. VALVE, Air operated- 1/4- V-10.....	1	PAFZZN	
-19	581356-007	75906	. VALVE, Solenoid- 3-way- 1/8- SV-4.....	1	PAFZZN	
-20	B37709-010	75906	. ADAPTER, Straight- pipe to tube- 1/4 tube x 1/4 pipe.....	1	PAFZZN	
-21	B48020-202	75906	. NIPPLE, Hex- 1/8 npt	1	PAFZZN	
-22	793509-001	75906	. BRACKET, Mounting- valve.....	1	XB	
-23	MS51958-64	96906	. SCREW, Machine- #10-32 unc x .62 lg.....	2	PAFZZN	
-24	MS35338-138	96906	. WASHER, Lock- #10.....	2	PAFZZN	

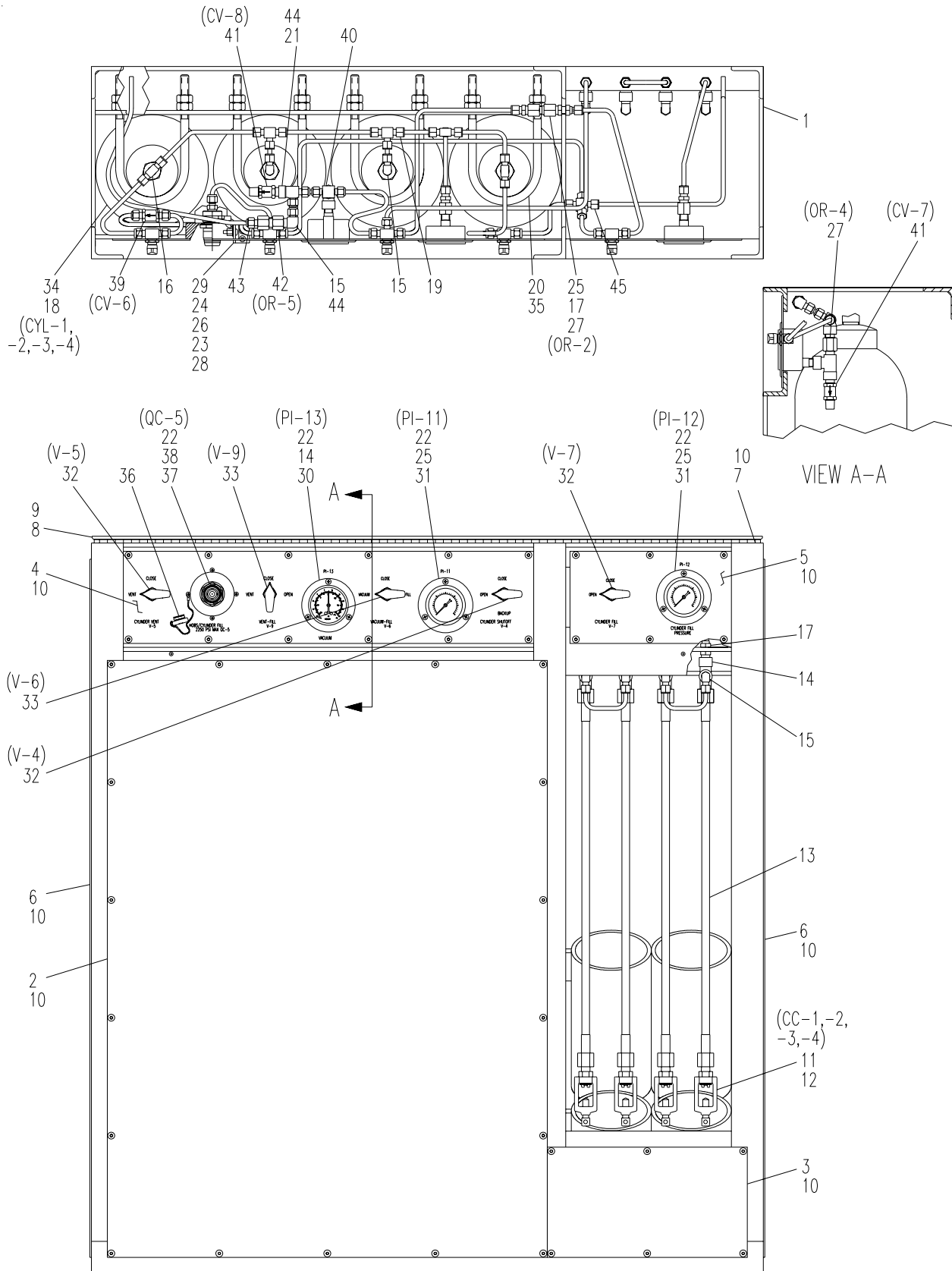


Figure 16. Backup Supply Module Assembly.



Figure & Index No.	Part Number	FSCM				Description	Units Per Assy	SMR Code	Usable on Code
		1	2	3	4				
16-	793461-001	75906				MODULE ASSY, Backup supply	REF		XB
-1	793081-001	75906				. FRAME ASSY	1		XB
-2	792441-001	75906				. PANEL,Front.....	1		XB
-3	793083-001	75906				. PANEL, Lower right	1		XB
-4	793462-001	75906				. PANEL, Valve- front.....	1		XB
-5	793084-001	75906				. PANEL, Fill valve	1		XB
-6	792438-001	75906				. PANEL, Side	2		XB
-7	793082-001	75906				. PANEL, Top.....	1		XB
-8	793085-001	75906				. WINDOW ASSY, Hinged.....	1		XB
-9	MS51957-41	96906				. SCREW, Machine- #8-32 unc x .25 lg.....	10		PAFZZN
-10	S53090-535	75906				. SCREW, Button head- .250-20 unc x .38 lg	78		PAFZZN
-11	581860-002	75906				. YOKE, Oxygen- CGA870- CC-1, CC-2, CC-3, CC-4.....	4		PAFZZN
-12	581860-003	75906				. WASHER, Yoke seal	20		PAFZZN
-13	581516-010	75906				. HOSE ASSY, 1/4 x 24.0 lg- H-5, H-6, H-7, H-8	4		PAFZZN
-14	B54177-203	75906				. TEE, Street- pipe- 1/4 npt.....	5		XB
-15	S39078-006	75906				. ELBOW, Pipe to tube- 1/4 mnpt x 1/4 tube	7		PAFZZN
-16	S54144-100	75906				. TEE, Pipe to tube- 1/4 tube x 1/4 tube x 1/4 mnpt	2		PAFZZN
-17	S37703-003	75906				. ADAPTER, Straight- bkhd- 1/4 mnpt x 1/4 tube	5		PAFZZN
-18	B52100-011	75906				. REDUCER, Ptr- 3/4 mnpt x 1/4 fnpt.....	4		XB
-19	S54146-004	75906				. TEE, Union- 1/4 tube.....	5		PAFZZN
-20	582141-001	75906				. U-BOLT, 1/2-13 unc	4		XB
-21	S54149-032	75906				. TEE, Pipe to tube- 1/4 tube x 1/4 fnpt x 1/4 tube	1		PAFZZN
-22	MS35216-25	96906				. SCREW, Machine- #6-32 unc x .38 lg.....	13		PAFZZN
-23	G37483-067	75906				. CLAMP, Loop- cushioned- .250 dia	1		PAFZZN
-24	MS17830-3C	96906				. NUT, Self-locking- #10-24 unc.....	3		PAFZZN
-25	S37707-005	75906				. ADAPTER, Straight- pipe to tube- 1/4 fnpt x 1/4 tube	3		PAFZZN
-26	MS51957-65	96906				. SCREW, Machine- #10-24 unc x .75 lg.....	2		PAFZZN
-27	581996-010	75906				. FITTING, Orifice- 1/4 npt- .020 dia- OR-2, OR-4.....	2		XB
-28	MS51957-64	96906				. SCREW, Machine- #10-24 x .62 lg.....	1		PAFZZN
-29	793250-037	75906				. BRACKET.....	1		XB
-30	581480-017	75906				. GAUGE, Vacuum- 30 in hg-30 psig- PI-13	1		PAFZZN
-31	793674-001	75906				. GAUGE, Pressure- 0-3000 psig- PI-11, PI-12	2		PAFZZN
-32	793674-002	75906				. VALVE, Ball- 2-way- 1/4 in.- V-4, V-5, V-7	3		PAFZZN
-33	793674-003	75906				. VALVE, Ball- 3-way- 1/4 in.- V-6, V-9	2		PAFZZN
-34	793674-004	75906				. CYLINDER, Medical 'M'- .76 cu. ft.- CYL-1, -2, -3, -4	4		XB
-35	MS51967-14	96906				. NUT, Hex- .500-13 unc.....	8		PAFZZN
-36	793464-001	75906				. PLUG ASSY, Quick connect- green	1		XB
-37	793469-001	75906				. ADAPTER, Panel.....	1		XB
-38	581438-020	75906				. COUPLING, Quick connect- 1/4 inch hp- QC-5	1		PAFZZN
-39	793674-027	75906				. VALVE, Check- 1/4 tube- 25 psi cp- CV-6	1		PAFZZN
-40	S54145-032	75906				. TEE, Pipe to tube- 1/4 tube x 1/4 tube x 1/4 fnpt.....	1		PAFZZN
-41	793674-028	75906				. VALVE, Check- 1/4 mnpt- 1 psi cp- CV-7, CV-8.....	2		PAFZZN
-42	793674-029	75906				. FITTING, Orifice- 1/4 npt- OR-5.....	1		XB
-43	B37707-005	75906				. ADAPTER, Straight- pipe to tube- 1/4 fnpt x 1/4 tube	1		PAFZZN
-44	S37746-004	75906				. ADAPTER, Port connector- 1/4 tube	3		PAFZZN
-45	S37290-004	75906				. CROSS, Union- 1/4 tube	1		PAFZZN

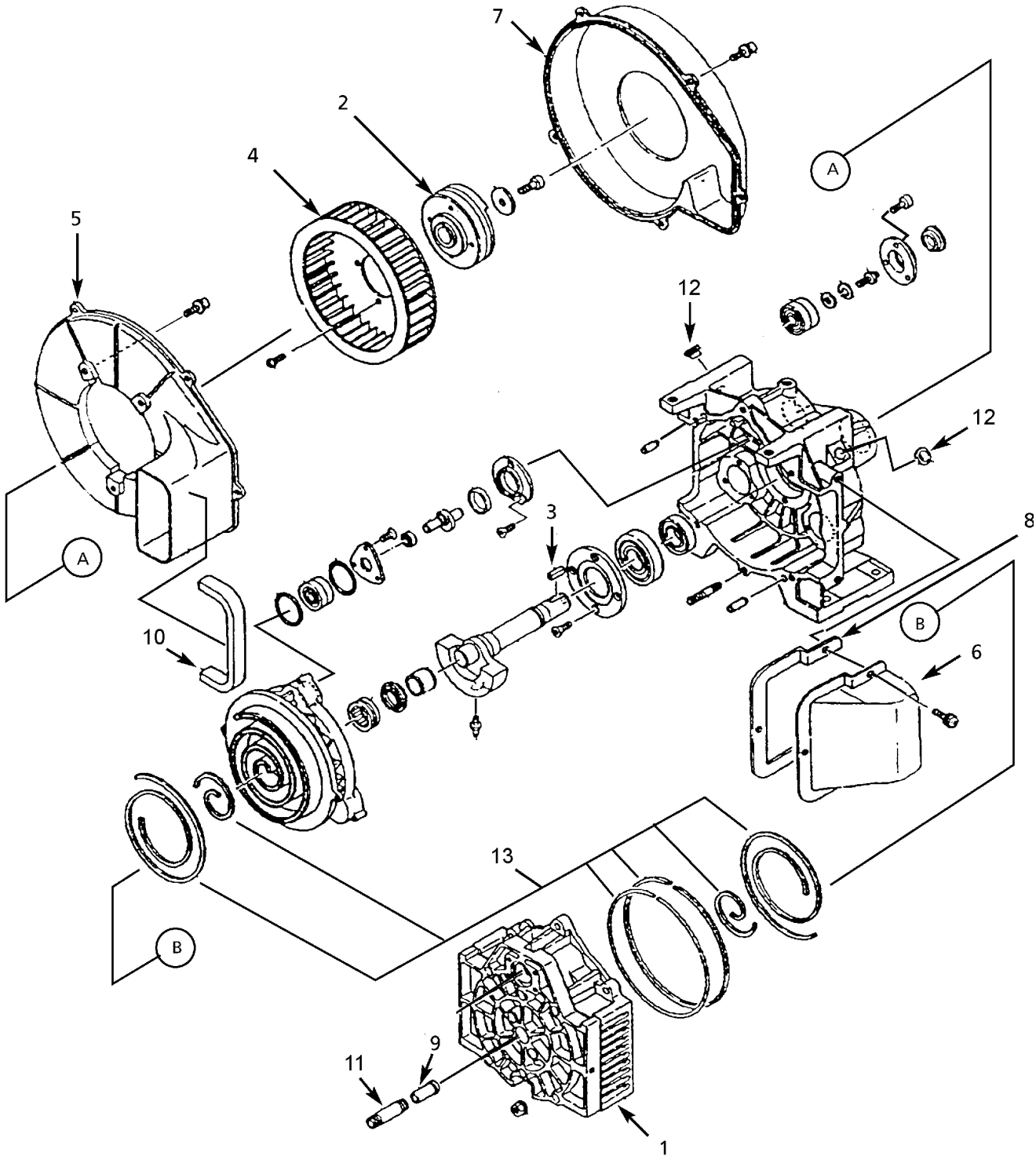


Figure. 17. Scroll Compressor.



Figure & Index No.	Part Number	FSCM				Description	Units Per Assy	SMR Code	Usable on Code
		1	2	3	4				
17-	582172-001	75906				COMPRESSOR, Scroll- C-1	REF	PAFDDT	
-1	IP600100AV	1BRC5				SCROLL SET, Stationary	1	XB	
-2	IP600300AV	1BRC5				PULLEY, Airend.....	1	XB	
-3	IP600600AV	1BRC5				KEY	1	XB	
-4	IP601300AV	1BRC5				FAN, Centrifugal	1	XB	
-5	IP601400AV	1BRC5				DUCT, Fan- entrance	1	XB	
-6	IP601500AV	1BRC5				DUCT, Fan- exit	1	XB	
-7	IP601700AV	1BRC5				COVER, Fan.....	1	XB	
-8	IP601800AV	1BRC5				GASKET, Dust- fan- exit	1	PAFZZN	
-9	IP602000AV	1BRC5				PIPE, Heat insulation.....	1	XB	
-10	IP602400AV	1BRC5				GASKET, Dust- fan	1	PAFZZN	
-11	IP603300AV	1BRC5				NIPPLE, Long	1	XB	
-12	IP603500AV	1BRC5				CAP, Dust.....	2	PAFZZN	
-13	582250-001	75906				TIP SEAL SET	1	PAFZZN	

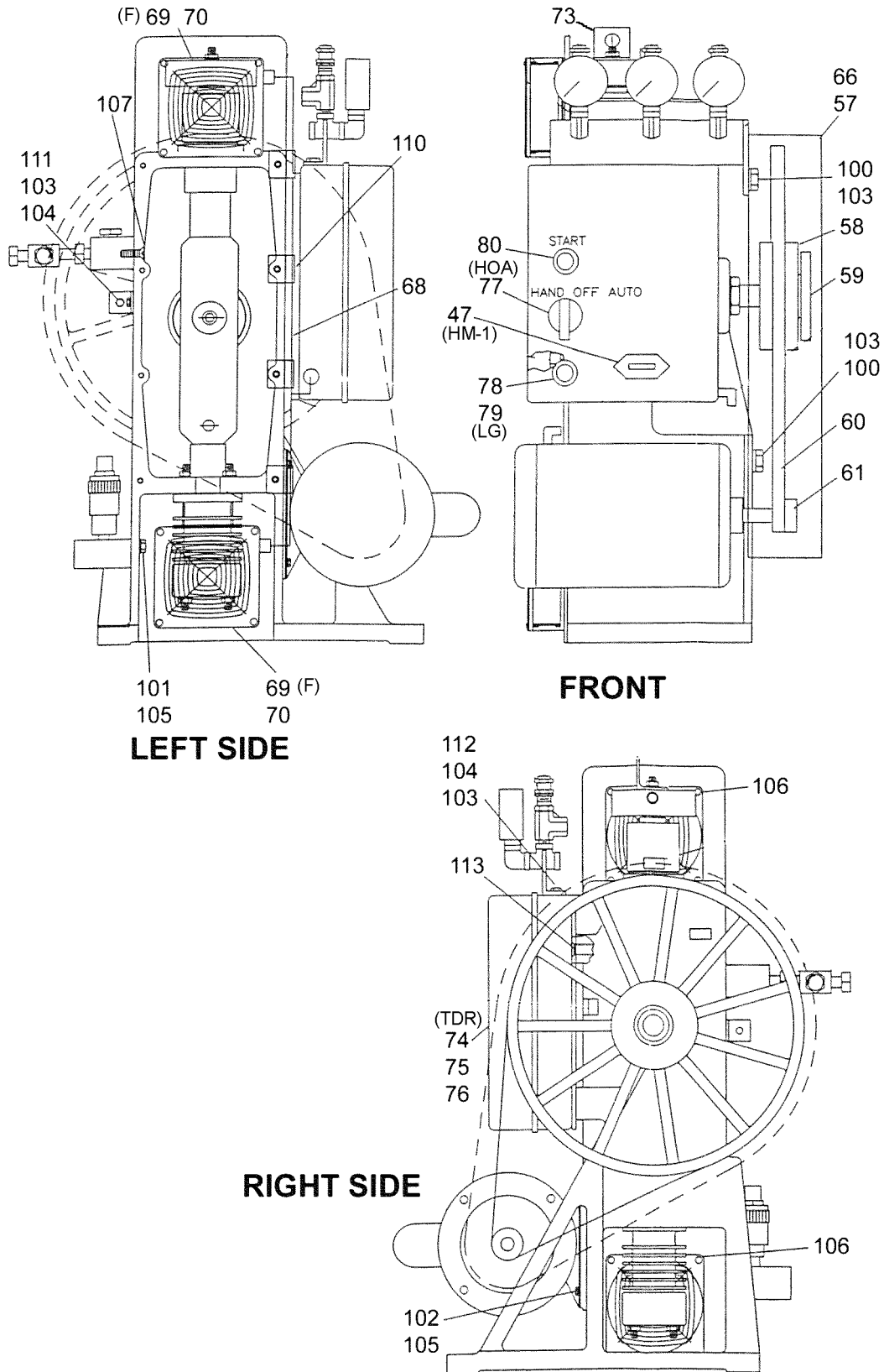
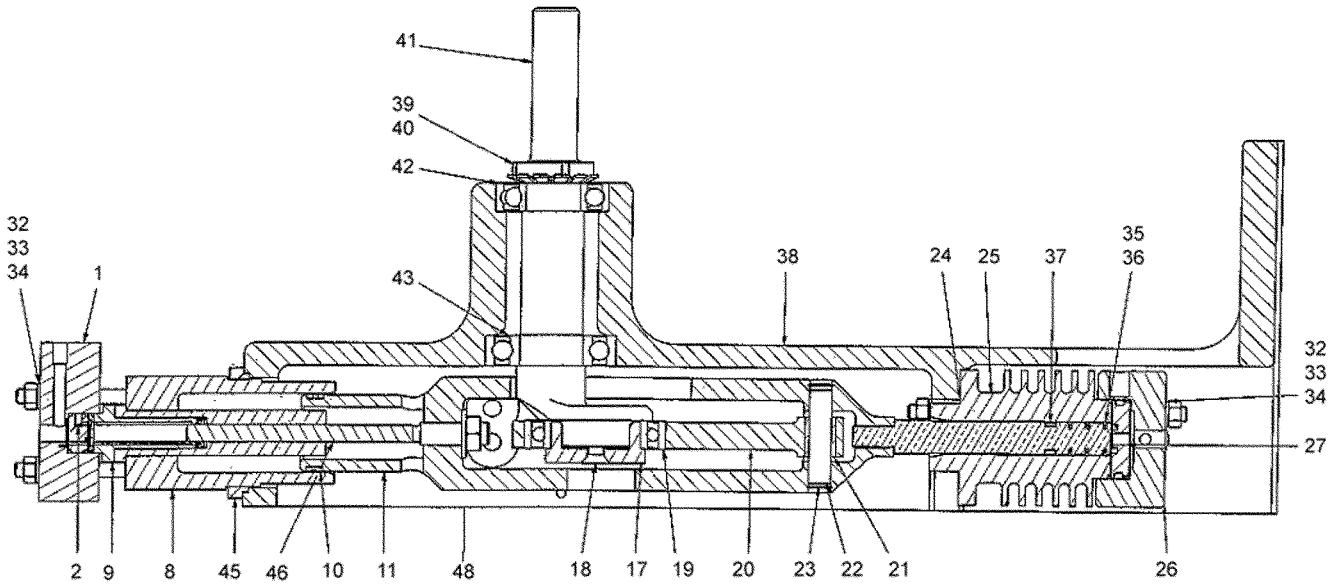
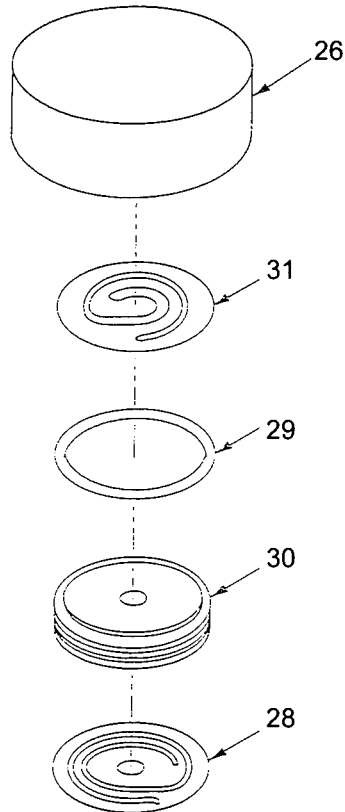


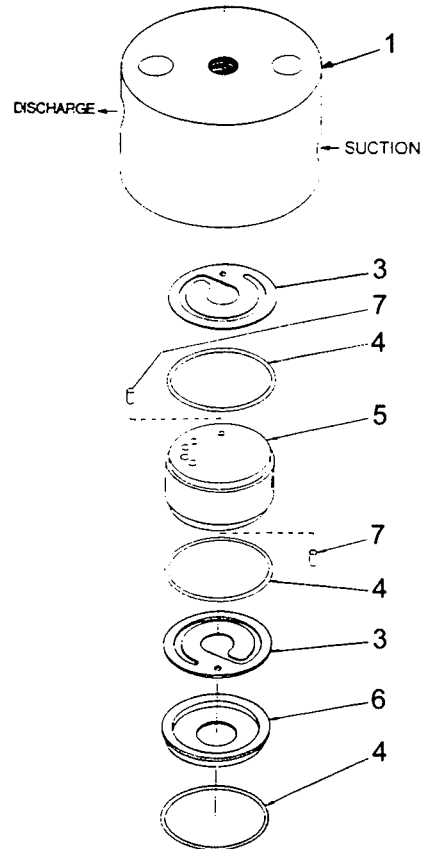
Figure 18. Booster Compressor, Oxygen (sh 1 of 3).



CRANKCASE CROSS SECTION



FIND NO. 27 DETAIL



FIND NO. 2 DETAIL

Figure 18. Booster Compressor, Oxygen (sh 2 of 3).

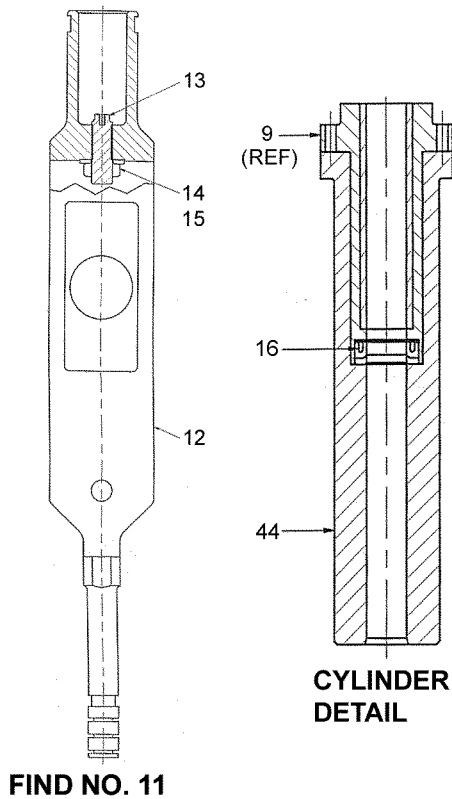
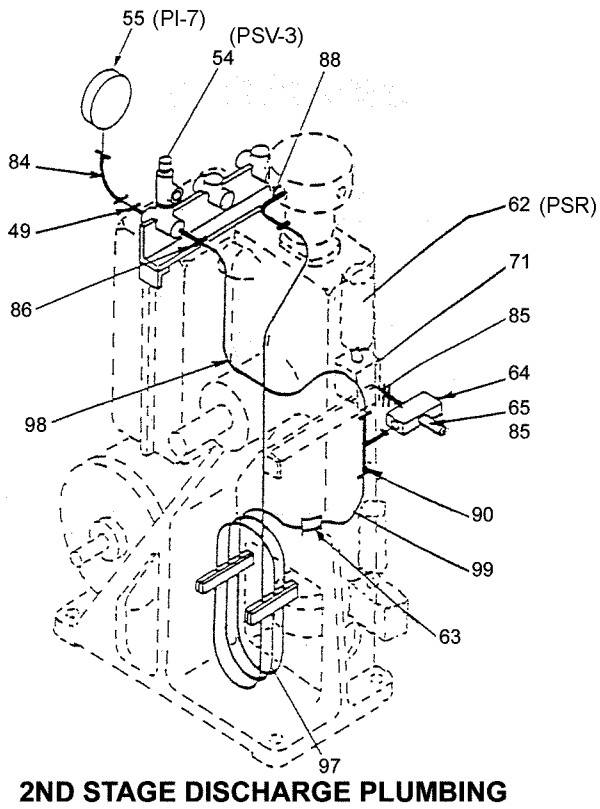
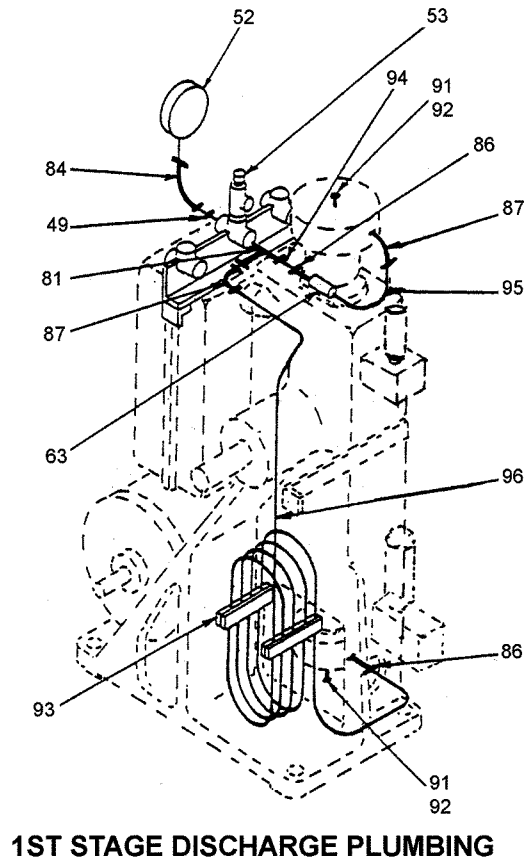
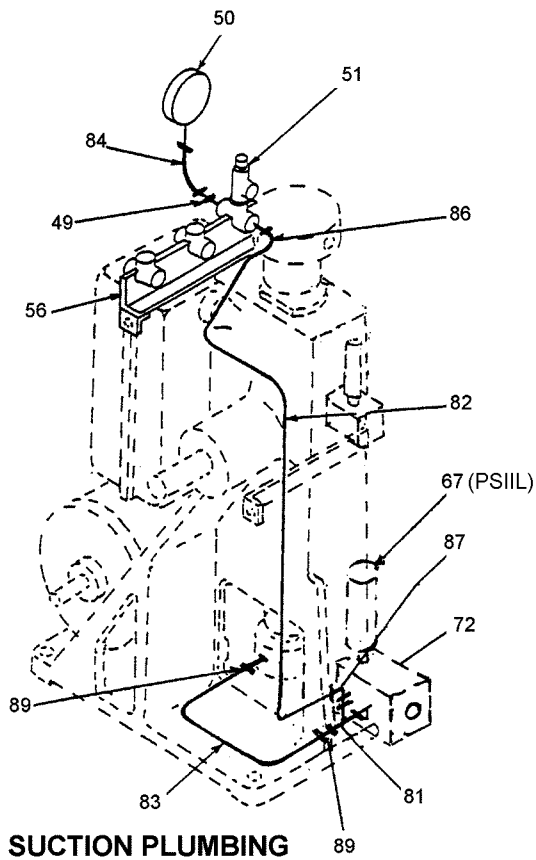


Figure 18. Booster Compressor, Oxygen (sh 3 of 3).



Figure & Index No.	Part Number	FSCM				Description	Units Per Assy	SMR Code	Usable on Code
		1	2	3	4				
18-	582179-003	75906				COMPRESSOR, Booster- gas- oxygen- C-2	REF	PAFDDT	
-1	X2-B7618	28953				HEAD, Cylinder	1	XB	
-2	582382-007	75906				VALVE ASSY, 2nd stage	1	PAFFFP	
-3	582382-012	75906				VALVE, Reed	2	PAFZZN	
-4	582382-005	75906				O-RING, Head- 2nd stage	3	PAFZZN	
-5	X15-B3570	28953				SEAT, Valve- 2nd stage	1	PAFZZN	
-6	X15-A4151	28953				STOP, Valve- 2nd stage	1	XB	
-7	582382-013	75906				PIN	2	PAFZZN	
-8	X1-B5770	28953				CYLINDER, Spool/guide	1	PAFZZN	
-9	582357-002	75906				CYLINDER, Top- 2nd stage	1	XB	
-10	582382-014	75906				RING, Rider- 1.75 dia	1	PAFZZN	
-11	XA8-B7619	28953				PISTON ASSY, 1st stage	1	PAFFFP	
-12	XA8-D3114	28953				PISTON, 1st stage	1	PAFZZN	
-13	X3-B7623	28953				ROD, Follower	1	PAFZZN	
-14	MS15795-818	96906				WASHER, Flat- .500 dia	1	PAFZZN	
-15	MS35691-39	96906				NUT, Hex- jam- .500-20 unf	1	PAFZZN	
-16	582357-003	28953				SEAL, Piston- .375 dia	1	PAFZZN	
-17	38A-7547	28953				PLATE, Bearing	1	XB	
-18	34-746	28953				SCREW, Machine- flat head- .312-24 unf x .75 lg	1	XB	
-19	582466-012	75906				BEARING, Rod	1	PAFZZN	
-20	7-B5625	28953				ROD, Connecting	1	XB	
-21	582466-011	75906				BEARING	1	PAFZZN	
-22	582466-010	75906				PIN, Wrist	1	PAFZZN	
-23	582466-009	75906				RING, Snap	2	PAFZZN	
-24	582466-002	75906				SHIM	4	PAFZZN	
-25	X1-D3113	28953				CYLINDER, 1st stage	1	XB	
-26	X2-C2429	28953				HEAD	1	XB	
-27	582382-008	75906				VALVE ASSY, 1st stage	1	PAFFFP	
-28	582466-004	75906				VALVE, Reed- suction	1	PAFZZN	
-29	582466-003	75906				O-RING	1	PAFZZN	
-30	X15-B5831	28953				SEAT, Valve	1	XB	
-31	582466-005	75906				VALVE, Reed- discharge	1	PAFZZN	
-32	105-C1993-35	28953				STUD, Threaded	6	XB	
-33	53-45	28953				NUT, Hex- .312-24 unf	12	PAFZZN	
-34	MS15795-812	96906				WASHER, Flat- .312 dia	12	PAFZZN	
-35	X18-C1791-6-1G	28953				RING, Compression- 0.75 dia	3	PAFZZN	
-36	X123-014-5-90	28953				O-RING	3	PAFZZN	
-37	X18-C1147-6G	28953				RING, Rider- 0.75 dia	1	PAFZZN	
-38	100-D3112	28953				CRANKCASE	1	XB	
-39	53-610	28953				LOCKNUT	1	XB	
-40	20-606	28953				WASHER, Lock	1	XB	
-41	5-C2381	28953				CRANKSHAFT	1	XB	
-42	181-604	28953				BEARING	1	XB	
-43	181-26	28953				BEARING	1	XB	
-44	X1-B7622	28953				CYLINDER, Bottom- 2nd stage	1	PAFZZN	



Figure & Index No.	Part Number	FSCM				Description	Units Per Assy	SMR Code	Usable on Code
		1	2	3	4				
18 -45	31-B7617	28953	.			RING, Mounting- 2nd stage.....	1		XB
-46	582357-004	75906	.			PISTON, 2nd stage.....	1		PAFZZN
-47	113-703	28953	.			HOUR METER, 120 vac- 60 hz- HM-1	1		XB
-48	38-C2384	28953	.			COVER, Crankcase.....	1		XB
-49	X74-401	28953	.			SNUBBER, Gauge	3		XB
-50	X60-7675	28953	.			GAUGE, Pressure- 0-300 psig	1		XB
-51	X515-851-150	28953	.			VALVE, Relief- 150 psig.....	1		XB
-52	X60-7676	28953	.			GAUGE, Pressure- 0-1500 psig	1		XB
-53	X515-852-650	28953	.			VALVE, Relief- 650 psig.....	1		XB
-54	X515-856-3300	28953	.			VALVE, Relief- 3300 psig- PSV-3.....	1		XB
-55	X60-7677	28953	.			GAUGE, Pressure- 0-5000 psig- PI-7.....	1		XB
-56	XA40-B7140	28953	.			BRACKET, Pressure gauge	1		XB
-57	A156-D2576	28953	.			GUARD, Belt	1		XB
-58	36-6J140Q	28953	.			FLYWHEEL	1		XB
-59	11-100Q1	28953	.			BUSHING, Flywheel	1		XB
-60	582327-001	75906	.			BELT, Drive.....	1		PAFZZN
-61	36-6J15	28953	.			SHEAVE, Motor	1		XB
-62	582382-015	75906	.			SWITCH, Pressure- 2250 psig- PSR.....	1		PAFZZN
-63	XA77-7674	28953	.			FILTER	2		PAFZZN
-64	X116-464	28953	.			REGULATOR, Back pressure- 1500 psig	1		XB
-65	X615-7673	28953	.			VALVE, Check	1		XB
-66	40-A7802	28953	.			BRACKET, Belt guard.....	1		XB
-67	X76-7669	28953	.			SWITCH, Pressure- 100 psig- PSIL.....	1		XB
-68	61-164	28953	.			HARNESS, Fan plug cord	2		XB
-69	42-112	28953	.			FAN, Electric- F.....	2		XB
-70	156-153	28953	.			GUARD, Fan.....	3		XB
-71	X10-A7947	28953	.			MANIFOLD, Discharge.....	1		XB
-72	X10-A7946	28953	.			MANIFOLD, Suction.....	1		XB
-73	40-A8463	28953	.			BRACKET, Lifting eye.....	1		XB
-74	582382-010	75906	.			RELAY, Time delay- 120vac- 60 hz- TDR	1		PAFZZN
-75	167-1005	28953	.			RESISTOR, 50k ohm	1		XB
-76	158-1017	28953	.			BOX, Electrical	1		XB
-77	467-47	28953	.			SWITCH, Electric- HOA	1		XB
-78	A160-321	28953	.			LIGHT, Pilot- LG.....	1		XB
-79	160-303	28953	.			BULB, Light- LG.....	1		PAFZZN
-80	476-46	28953	.			SWITCH, Pushbutton- Start.....	1		XB
-81	S54177-003	75906	.			TEE, Street- pipe- 1/4 npt.....	2		XB
-82	X55-D2621-2	28953	.			LINE, Gauge- inlet pressure.....	1		XB
-83	X55-D2621-4	28953	.			LINE, 1st stage inlet.....	1		XB
-84	S39075-003	75906	.			ELBOW, Street- pipe- 45- 1/4 npt	3		XB
-85	S48020-004	75906	.			NIPPLE, Pipe- hex- 1/4 npt.....	2		XB
-86	X54P-44FBUSS	28953	.			ADAPTER, Straight- pipe to tube- 1/4 mnpt x 1/4 tube	4		XB
-87	X54P-44CBUSS	28953	.			ELBOW, Pipe to tube- 1/4 mnpt x 1/4 tube	3		XB
-88	X54P-4CBUSS	28953	.			ELBOW, Pipe to tube- 1/8 mnpt x 1/4 tube	1		XB
-89	X54P-6FBUSS	28953	.			ADAPTER, Straight- pipe to tube- 1/4 mnpt x 3/8 tube	2		XB



Figure & Index No.	Part Number	FSCM				Description	Units Per Assy	SMR Code	Usable on Code
		1	2	3	4				
18 -90	X54P-444SBUSS	28953	.	TEE, Pipe to tube- 1/4 tube x 1/4 tube x 1/4 mnpt	1				
-91	S50053-004	28953	.	PLUG, Straight thread- 1/4 tube	2				
-92	582382-001	75906	.	O-RING, 1/4 tube fitting	2				PAFZZN
-93	XA40-5871	28953	.	BRACKET ASSY	1				
-94	X55-D2621-6	28953	.	LINE, Filter inlet	1				
-95	X55-D2621-5	28953	.	LINE, 2nd stage inlet.....	1				
-96	X55-D2621-1	28953	.	LINE, 1st stage cooling coil	1				
-97	X55-D2621	28953	.	LINE, 2nd stage cooling coil.....	1				
-98	X55-D2621-3	28953	.	LINE, 2nd stage gauge	1				
-99	X55-D2621-7	28953	.	LINE, Filter 2nd stage	1				
-100	MS35307-303	96906	.	SCREW, Cap- hex- .250-20 unc x .50 lg	17				
-101	32-1134	28953	.	SCREW, Cap- hex.....	2				
-102	MS35307-332	96906	.	SCREW, Cap- hex- .312-18 unc x .75 lg	4				
-103	MS15795-810	96906	.	WASHER, Flat- .250 dia.....	20				
-104	53-54	28953	.	NUT, Hex- .250-20 unc.....	3				
-105	MS15795-812	96906	.	WASHER, Flat- .312 dia.....	6				
-106	34-749	28953	.	SCREW, Machine- self-drilling- #8-18 x .50 lg.....	16				
-107	34-750	28953	.	SCREW, Machine- flat hd soc- .312-24 unf x .1.00 lg	2				
-108	MS51958-61	96906	.	SCREW, Machine- #10-32 x .38 lg.....	2				
-109	34-751	28953	.	SCREW, Machine- self-tapping- #10-32 x .38 lg	1				
-110	319-64	28953	.	CLAMP, Tube- .250 dia	7				
-111	MS35307-301	96906	.	SCREW, Cap- hex- .250-20 unc x .38 lg	1				
-112	MS35307-303	96906	.	SCREW, Cap- hex- .250-20 unc x .50 lg	1				
-113	32-1148	28953	.	SCREW, Cap- flat head.....	3				

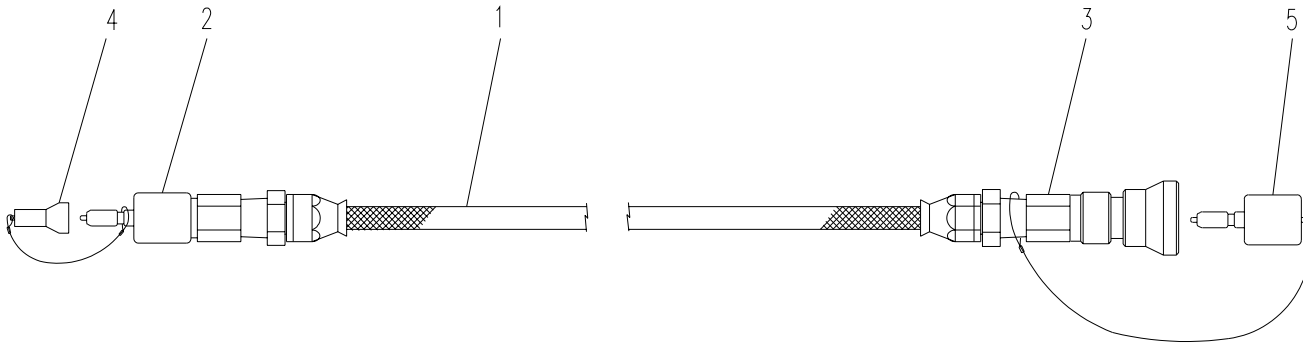


Figure 19. Low Pressure Oxygen Hose Assembly.

Figure & Index No.	Part Number	FSCM				Description	Units Per Assy	SMR Code	Usable on Code
		1	2	3	4				
19-	790475-002	75906				HOSE ASSY, Low pressure oxygen- H-1, H-2	REF	PAFFFP	
-1	581604-003	75906				. HOSE, 3/8 dia x 240 lg	1	PAFZZN	
-2	581438-046	75906				. COUPLING, Quick connect- stem- 3/8 in.	1	PAFZZN	
-3	581438-047	75906				. COUPLING, Quick connect- body- 3/8 in.	1	PAFZZN	
-4	581438-048	75906				. PROTECTOR, Stem cap- 3/8 in.	1	XB	
-5	581438-049	75906				. PROTECTOR, Body plug- 3/8 in.	1	XB	

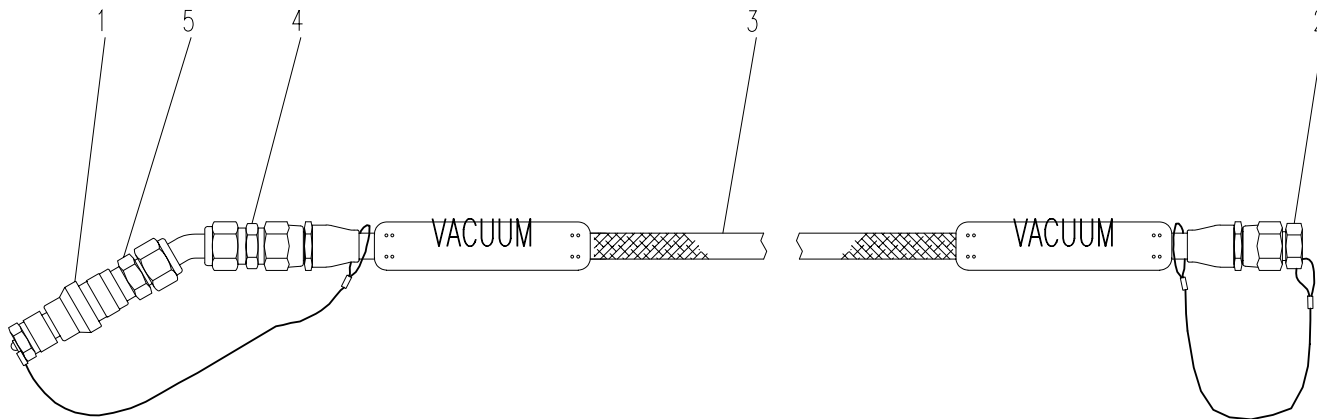


Figure 20. Vacuum Hose Assembly.

Figure & Index No.	Part Number	FSCM				Description	Units Per Assy	SMR Code	Usable on Code
		1	2	3	4				
20-	790692-002	75906				HOSE ASSY, Vacuum- H-4	REF	PAFFFP	
-1	581438-017	75906				. PROTECTOR, Stem cap- 1/2 in.	1	XB	
-2	789194-008	75906				. PLUG AND CABLE ASSY.....	1	XB	
-3	590237-003	75906				. HOSE, 1/2 dia x 240 lg	1	PAFZZN	
-4	S55115-009	75906				. UNION, Adapter- tube- 1/2 tube.....	1	PAFZZN	
-5	581438-062	75906				. COUPLING, Quick connect- stem- 1/2 in.	1	PAFZZN	

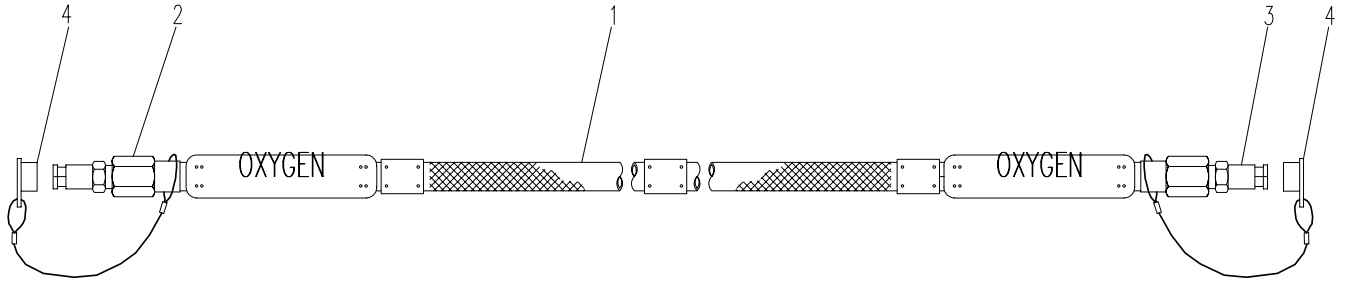


Figure 21. High Pressure Hose Assembly.

Figure & Index No.	Part Number	FSCM				Description	Units Per Assy	SMR Code	Usable on Code
		1	2	3	4				
21-	790693-002	75906				HOSE ASSY, High pressure- H-3.....	REF	PAFFFFP	
-1	581516-040	75906				. HOSE, 1/4 dia x 240 lg.....	1	PAFZZN	
-2	581438-006	75906				. COUPLING, Quick connect- stem- 1/4 mnpt	1	PAFZZN	
-3	581438-014	75906				. COUPLING, Quick connect- stem- 1/4 mnpt	1	PAFZZN	
-4	581438-011	75906				. DUST CAP, Stem- 1/4 in.	2	XB	

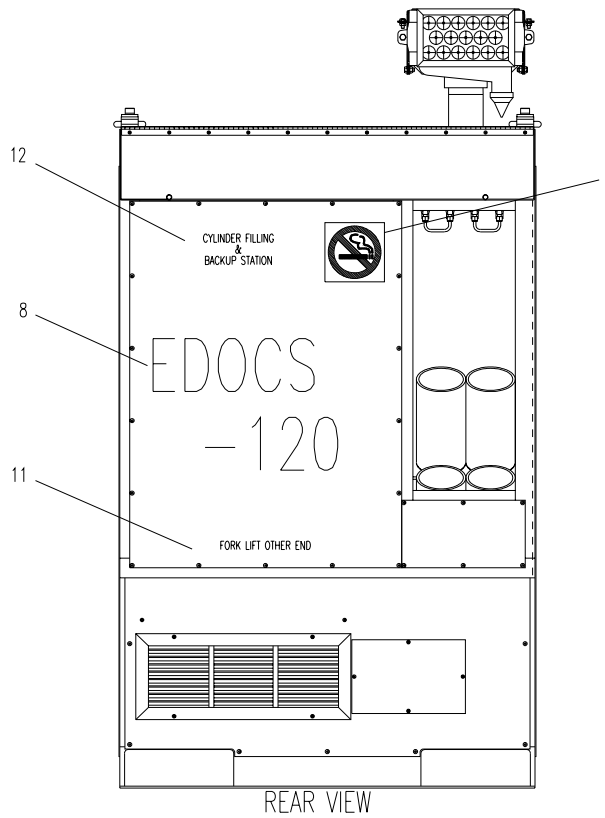
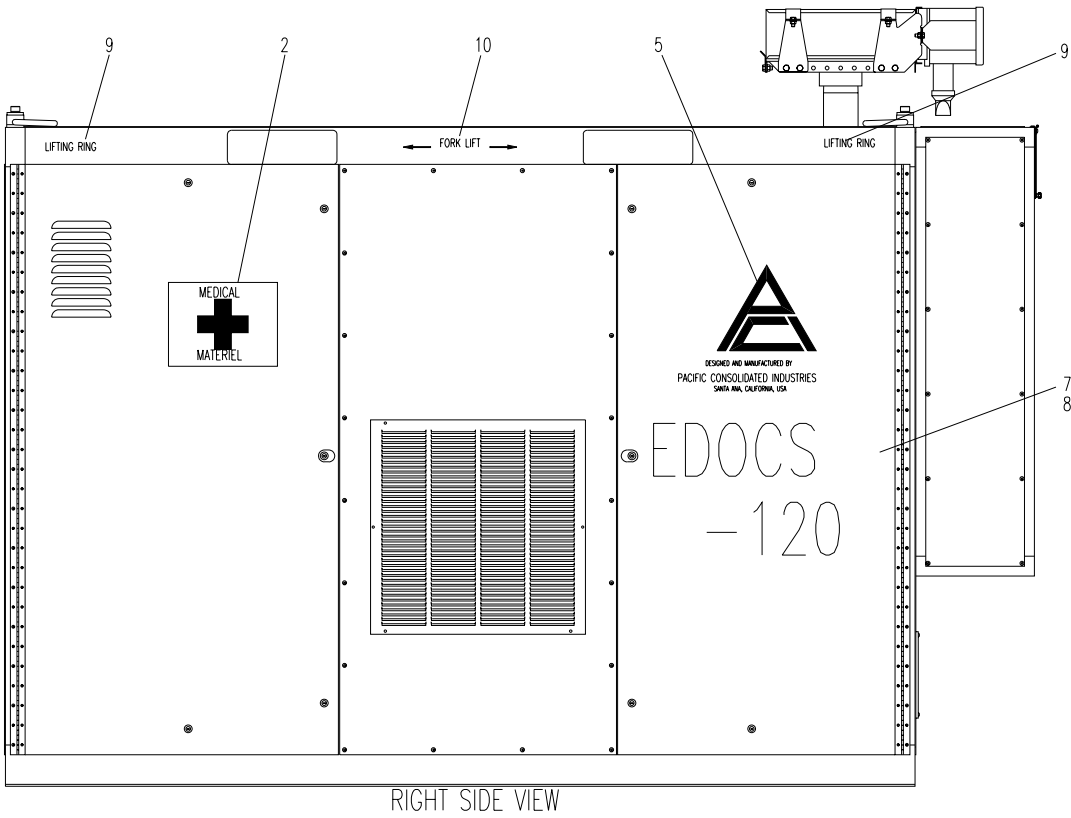


Figure 22. Marking Installation Kit Assembly (sh 1 of 2).

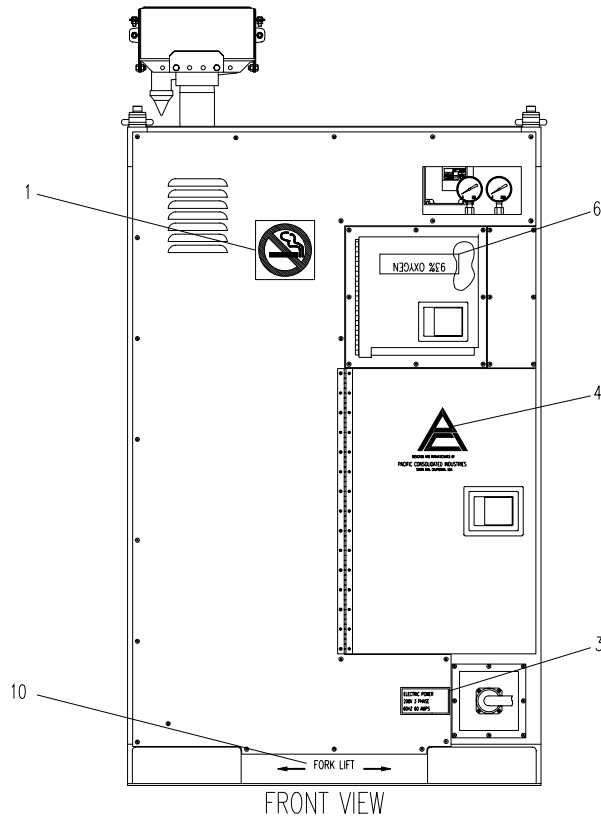
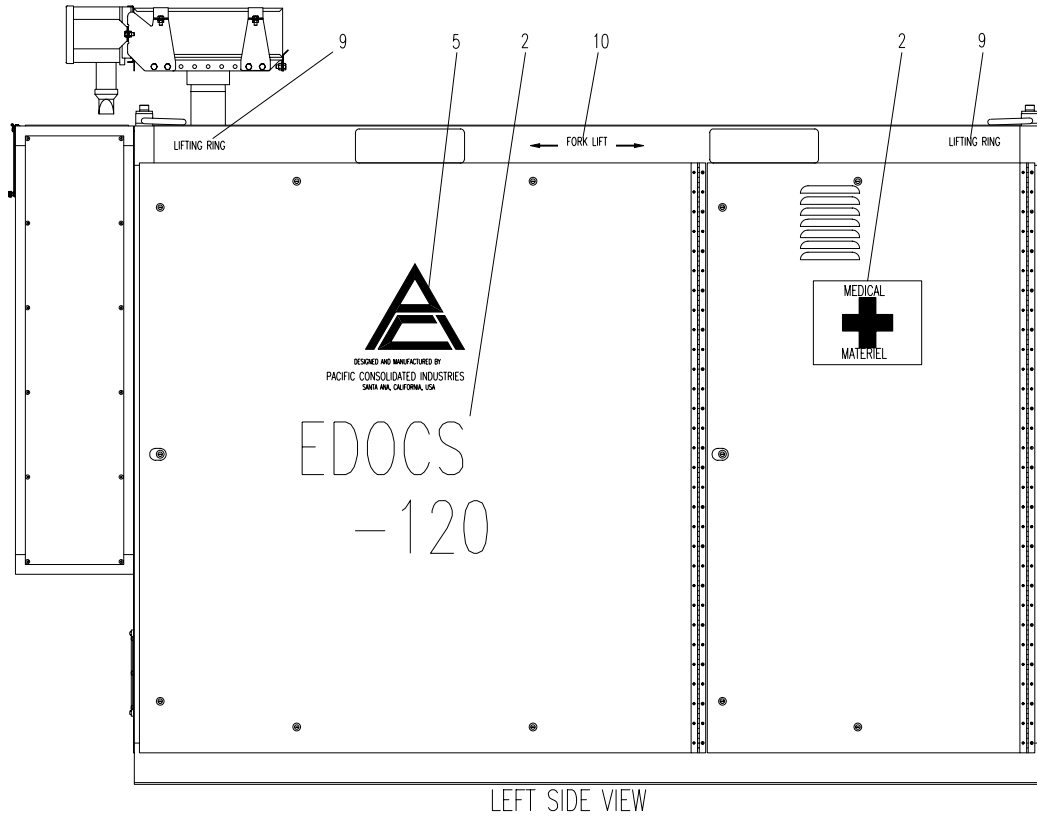


Figure 22. Marking Installation Kit Assembly (sh 2 of 2).



Figure & Index No.	Part Number	FSCM				Description	Units Per Assy	SMR Code	Usable on Code
		1	2	3	4				
22-	793289-001	75906				KIT ASSY, Marking installation.....	REF		XB
-1	582367-002	75906	.			LABEL, No smoking	2		XB
-2	793089-001	75906	.			LABEL, Medical materiel	2		XB
-3	793091-001	75906	.			LABEL, Electric power.....	1		XB
-4	590176-090	75906	.			NAMEPLATE, Logo- 9.0.....	1		XB
-5	590176-180	75906	.			NAMEPLATE, Logo- 18.0.....	2		XB
-6	793414-001	75906	.			LABEL, 93% oxygen.....	1		XB
-7	793410-001	75906	.			KIT ASSY, Marking	1		XB
-8	793410-004	75906	.	.		TAG, EDOCS-120	3		XB
-9	793410-005	75906	.	.		TAG, Lifting ring	4		XB
-10	793410-008	75906	.	.		TAG, Fork lift	3		XB
-11	793410-006	75906	.	.		TAG, Fork lift other end	1		XB
-12	793410-007	75906	.	.		TAG, Cylinder filling.....	1		XB

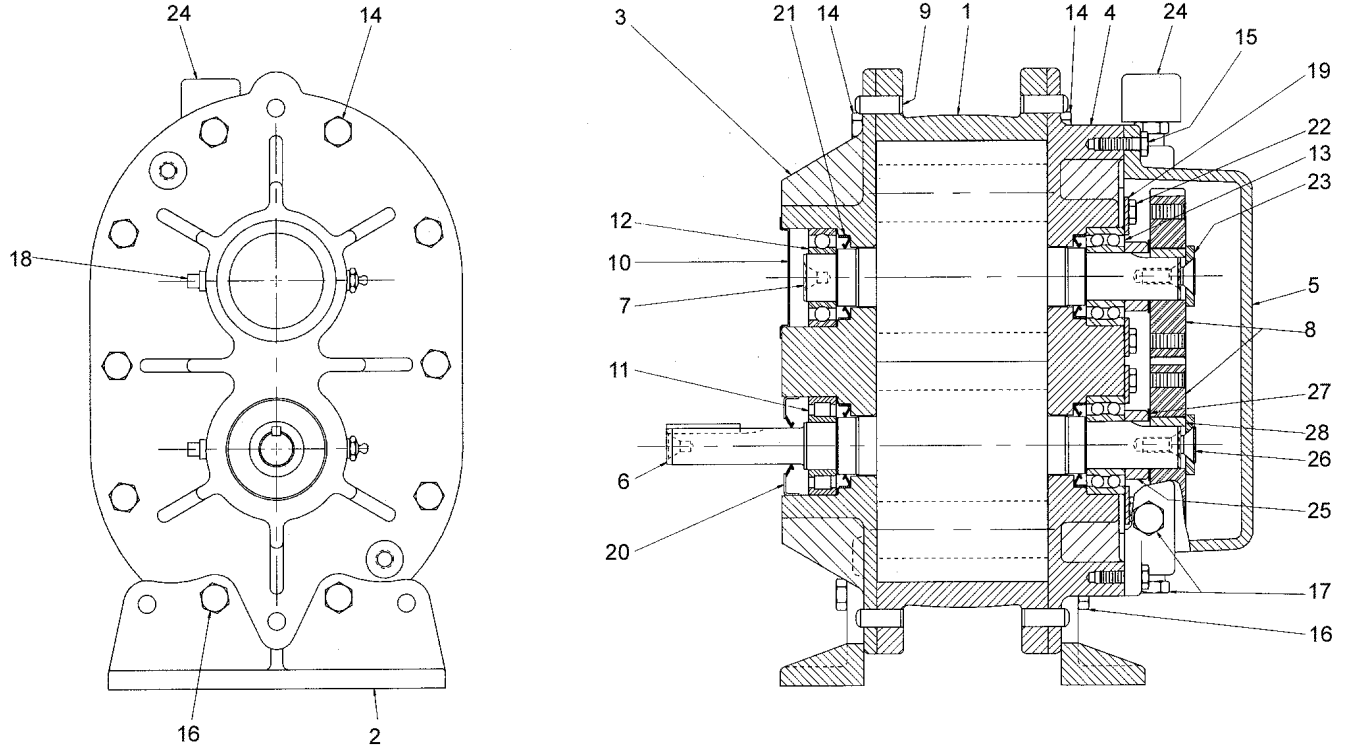


Figure 23. Blower.

Figure & Index No.	Part Number	FSCM				Description	Units Per Assy	SMR Code	Usable on Code
		1	2	3	4				
23-	582225-002	75906				BLOWER, Vertical flow- left drive	REF	PAFDDT	
-1	4005-2112-1	0STD9				HOUSING	1	XB	
-2	4005-2112-2	0STD9				FOOT, Mounting	2	XB	
-3	4005-2112-3	0STD9				PLATE, Drive end	1	XB	
-4	4005-2112-4	0STD9				PLATE, Gear end	1	XB	
-5	4005-2112-5	0STD9				COVER, Gear	1	XB	
-6	4005-2112-6	0STD9				ROTOR, Drive	1	XB	
-7	4005-2112-7	0STD9				ROTOR, Driven	1	XB	
-8	4005-2112-8	0STD9				GEAR, Timing	2	XB	
-9	4005-2112-9	0STD9				PIN, Dowel	4	XB	
-10	4005-2112-10	0STD9				PLATE, Cover- bearing	1	XB	
-11	4005-2112-11	0STD9				BEARING, Roller- drive shaft	1	XB	
-12	4005-2112-12	0STD9				BEARING	1	XB	
-13	4005-2112-13	0STD9				BEARING	2	XB	
-14	4005-2112-15	0STD9				SCREW, Cap- hex	16	XB	
-15	4005-2112-16	0STD9				SCREW, Cap- hex	8	XB	
-16	4005-2112-17	0STD9				SCREW, Cap- hex	4	XB	
-17	4005-2112-18	0STD9				PLUG, Oil	3	XB	
-18	4005-2112-19	0STD9				FITTING, Relief	2	XB	
-19	4005-2112-22	0STD9				RETAINER, Bearing	4	XB	
-20	4005-2112-23	0STD9				SEAL, Lip- drift shaft	1	XB	
-21	4005-2112-24	0STD9				SEAL, Lip- drift shaft	4	XB	



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Figure & Index No.	Part Number	FSCM				Units Per Assy	SMR Code	Usable on Code
		1	2	3	4			
23 -22	4005-2112-25	0STD9 . SCREW, Cap- hex.....				4	XB	
-23	4005-2112-26	0STD9 . WASHER.....				2	XB	
-24	4005-2112-27	0STD9 . BREATHER.....				1	XB	
-25	4005-2112-28	0STD9 . SPACER.....				2	XB	
-26	4005-2112-29	0STD9 . SCREW, Cap- hex.....				2	XB	
-27	4005-2112-30	0STD9 . SHIM, Timing (qty as reqd).....				10	XB	
-28	4005-2112-31	0STD9 . KEY, Timing gear.....				2	XB	



CHAPTER III

3 NUMERICAL INDEX

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