

INGERSOLL-RAND®

SIERRA

**125-200 HORSEPOWER
ALL UNITS**

**PARTS LIST
RECOMMENDED SPARES**

RETAIN THIS MANUAL WITH UNIT.

**This Technical manual contains IMPORTANT SAFETY
DATA and should be kept with the air compressor at
all times.**

APDD 485C

April 1996

**AIR COMPRESSOR GROUP
BONDED WARRANTY & REGISTERED START UP**

Warranty

The Company warrants that the equipment manufactured by it and delivered hereunder will be free of defects in material and workmanship for a period of twelve months (see extended airend warranty) from the date of placing the Equipment in operation or eighteen months (see extended airend warranty) from the date of shipment from Davidson, NC, whichever shall first occur. The Purchaser shall be obligated to promptly report any failure to conform to this warranty, in writing to the Company in said period, whereupon the Company shall, at its option, correct such nonconformity, by suitable repair to such equipment or, furnish a replacement part F.O.B. point of shipment, provided the Purchaser has stored, installed maintained and operated such Equipment in accordance with good industry practices and has complied with specific recommendations of the Company. Accessories or equipment furnished by the Company, but manufactured by others, shall carry whatever warranty the manufacturers have conveyed to the Company and which can be passed on to the Purchaser. The Company shall not be liable for any repairs, replacements, or adjustments to the Equipment or any costs of labor performed by the Purchaser or others without Company's prior written approval.

The effects of corrosion, erosion and normal wear and tear are specifically excluded. Performance warranties are limited to those specifically stated within the Company's proposal. Unless responsibility for meeting such performance warranties are limited to specified tests, the Company's obligation shall be to correct in the manner and for the period of time provided above.

THE COMPANY MAKES NO OTHER WARRANTY OR REPRESENTATION OF ANY KIND WHATSOEVER, EXPRESSED OR IMPLIED, EXCEPT THAT OF TITLE, AND ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY DISCLAIMED.

Correction by the Company of nonconformities whether patent or latent, in the manner and for the period of time provided above, shall constitute fulfillment of all liabilities of the Company for such nonconformities whether based on contract, warranty negligence, indemnity, strict liability or otherwise with respect to or arising out of such Equipment.

The purchaser shall not operate Equipment which is considered to be defective, without first notifying the Company in writing of its intention to do so. Any such Equipment will be at Purchaser's sole risk and liability.

Limitation of Liability

The remedies of the Purchaser set forth herein are exclusive, and the total liability of the Company with respect to this contract or the Equipment and services furnished hereunder, in connection with the performance or breach thereof, or from the manufacture, sale, delivery, installation, repair or technical direction covered by or furnished under this contract, whether passed on contract, warranty negligence, indemnity, strict liability or otherwise, shall not exceed the purchase price of the unit of Equipment upon which such liability is based.

The Company and its suppliers shall in no event be liable to the Purchaser, any successors in interest or any beneficiary or assignee of this contract for any consequential, incidental, indirect, special or punitive damages arising out of this contract or any breach thereof, or any defect in, or failure of, or malfunction of the Equipment hereunder, whether based upon loss of use, lost profits or revenue, interest, lost goodwill, work stoppage, impairment of other goods, loss by reason of shutdown or non-operation, increased expenses of operation, cost of purchase of replacement power or claims of Purchaser or customers of Purchaser for service interruption whether or not such loss or damage is based on contract, warranty, negligence, indemnity, strict liability or otherwise.

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ROTARY SCREW AIR COMPRESSOR

This unit was purchased from

Ingersoll-Rand Company reserves the right to make changes or add improvements without notice and without incurring any obligation to make such changes or add such improvements to products sold previously.

No. of units on order: _____

Customer Order No.: _____

Ingersoll-Rand Co. Order No.: _____

For ready reference:

Record the serial number and model number of your unit here.

Serial Number: _____

Model Number: _____

SAFETY AND WARNINGS

SAFETY INSTRUCTIONS

Before you install this air compressor you should take the time to carefully read all the instructions contained in the operators manual APDD-484. Operators manual may be obtained from your local Ingersoll-Rand Distributor or Air Center.

Electricity and compressed air have the potential to cause severe personal injury or property damage.

Before installing, wiring, starting, operating or making any adjustments, identify the components of the air compressor using this manual as a guide.

The operator should use common sense and good working practices while operating and maintaining this unit. Follow all codes, pipe adequately, understand the starting and stopping sequence. Check the safety devices by following the procedure contained in this manual.

Maintenance should be done by qualified personnel, adequately equipped with proper tools. Follow the maintenance schedules as outlined in the operators manual to ensure problem free operation after start up.

SAFETY PRECAUTIONS

Safety instructions in the operators manual are bold-faced for emphasis. The signal words **DANGER**, **WARNING** and **CAUTION** are used to indicate hazard seriousness levels as follows:



Danger is used to indicate the presence of a hazard which *will cause severe* personal injury, death, or substantial property damage if the warning is ignored.



Warning is used to indicate the presence of a hazard which *can cause severe* personal injury, death, or substantial property damage if the warning is ignored.



Caution is used to indicate the presence of a hazard which *will or can cause minor* personal injury or property damage if the warning is ignored.



Notice is used to notify people of installation, operation, or maintenance information which is important but not hazard-related.

SAFETY PRECAUTIONS

BEFORE PROCEEDING, READ CAREFULLY BEFORE INSTALLING THE COMPRESSOR OR PERFORMING ANY MAINTENANCE

WARNING

COMPRESSED AIR AND ELECTRICITY ARE DANGEROUS.

BEFORE DOING ANY WORK ON THIS UNIT, BE SURE THE ELECTRICAL SUPPLY HAS BEEN CUT OFF—LOCKED & TAGGED AND THE ENTIRE COMPRESSOR SYSTEM HAS BEEN VENTED OF ALL PRESSURE.

1. Do not remove the covers, loosen or remove any fittings, connections or devices when this unit is in operation. Hot liquid and air under pressure that are contained within this unit can cause severe injury or death.

2. The compressor has high and dangerous voltage in the motor starter and control box. All installations must be in accordance with recognized electrical codes. Before working on the electrical system, be sure to remove voltage from the system by use of a manual-disconnect-switch. A circuit breaker or fuse safety switch must be provided in the electrical supply line leading to the compressor.

Those responsible for installation of this equipment must provide suitable grounds, maintenance clearance and lightning arrestors for all electrical components as stipulated in O.S.H.A. 1910.308 through 1910.329.

3. Do not operate the compressor at higher discharge pressure than those specified on the Compressor Nameplate or motor overload will occur. This condition will result in compressor motor shutdown.

4. Use only safety solvent for cleaning the compressor and auxiliary equipment.

5. Install a manual shut off valve (isolation type) in the discharge line. When a safety valve is installed between the isolation valve and the compressor, it must have sufficient capacity to relieve the full capacity of the compressor(s).

6. Whenever pressure is released through the pressure relief valve, it is due to excessive pressure in the system. The cause for the excessive pressure should be investigated immediately.

7. Before doing any mechanical work on the compressor:

a.) Shut the unit down.

b.) Electrically isolate the compressor by use of the manual disconnect switch in the power line to the unit. Lock and tag the switch so that it cannot be operated.

c.) Vent pressure from the compressor and isolate the unit from any other source of air.

8. There can be adverse effects if compressor lubricants are allowed to enter plant air systems.

Air line separators, properly selected and installed, will minimize any liquid carry-over.

The use of plastic bowls on line filters without metal guards can be hazardous. From a safety standpoint, metal bowls should be used on any pressurized system. Review of your plant air line system is recommended.

9. When a receiver is installed, it is recommended that occupational safety and health standards as covered in the Federal Register, Volume 36, number 105, part 11, paragraph 1910.169 be adhered to in the installation and maintenance of this receiver.

10. Before starting the compressor, it's maintenance instructions should be thoroughly read and understood.

11. After maintenance functions are completed, covers and guards must be replaced.

PARTS LIST

INTRODUCTION

GENERAL

This manual, which contains an illustrated parts breakdown, has been prepared as an aid in identifying and ordering parts in the SIERRA compressor. All of the compressor parts listed in the parts breakdown, are manufactured with the same precision as the original equipment.

Ingersoll-Rand Company service facilities and parts are available worldwide. There are Ingersoll-Rand Company Branch Offices and authorized distributors located in the principle cities of the United States. In Canada, our customers are serviced by the Canadian Ingersoll-Rand Company, Limited. There are also Ingersoll-Rand Company subsidiaries and authorized distributors located in the principle cities throughout the world.

DESCRIPTION

The illustrated parts breakdown illustrates the various assemblies, sub-assemblies and detailed parts which make up this particular SIERRA compressor. A series of illustrations show each part clearly

and in its correct location relative to the other parts in the illustration. Each part on an illustration is referenced with a number. The number, description and quantity needed per assembly is listed in numerical order on the following pages.

OPTIONAL EQUIPMENT

Several optional accessories items are available for convenience or special application. These accessories have been selected as being particularly suitable for use on the SIERRA compressor.

For complete details on Optional Equipment, contact your Sales Representative.

HOW TO USE THIS PARTS MANUAL

1. Turn to the Parts Section to locate the desired illustrations.
2. Locate the part on the illustration by visual identification and the reference number.
3. Find the referenced number on the Tabulated page, along with the Part Number and Description.

SERIAL NUMBER BREAK

When a part is changed and it doesn't supersede the previous part this change must be docu-

mented by a serial number break. By using the last (6) of the serial number, as outlined below, this change is recorded in the parts list.

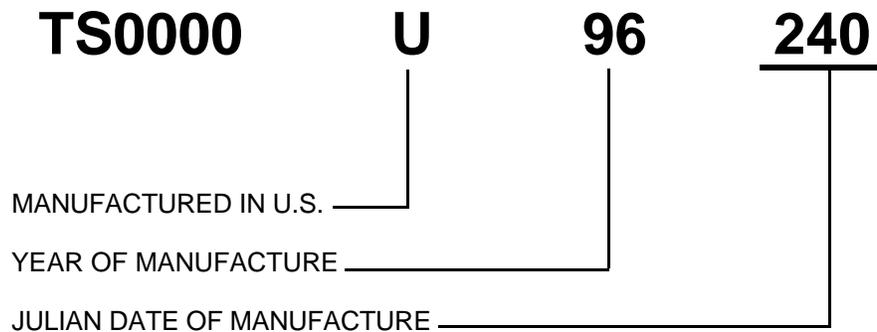
→→ **U96240** indicates part is used on units up to and including serial number ending in **U96240**.

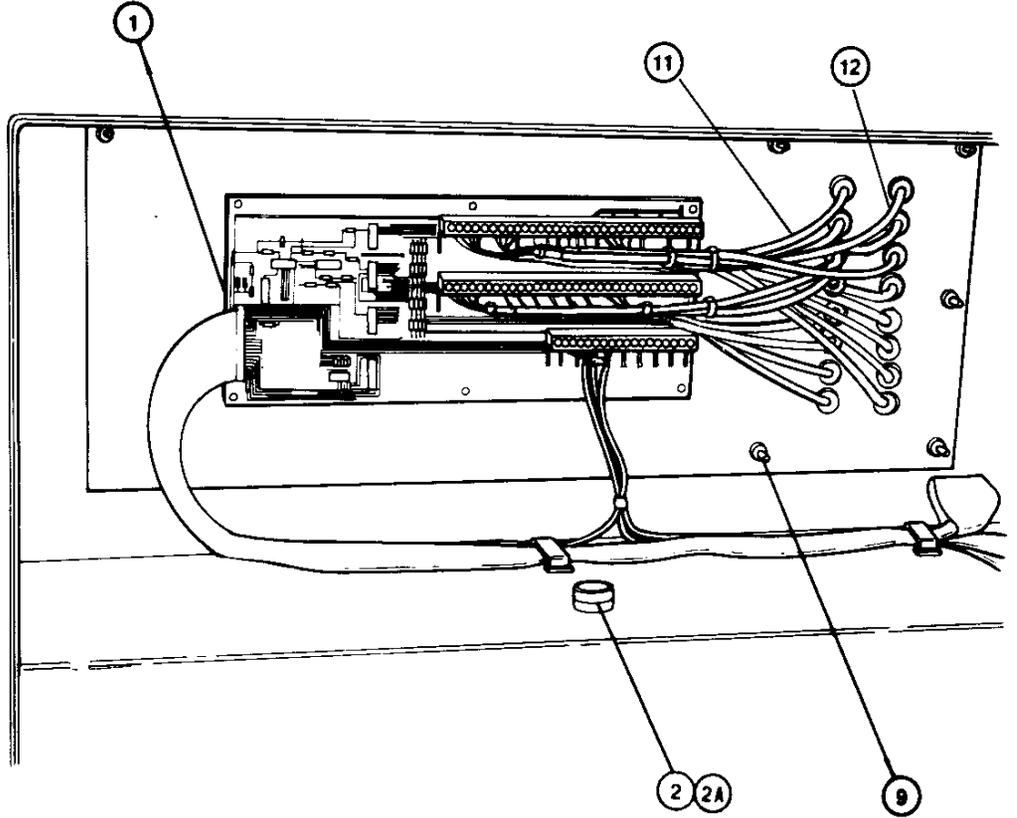
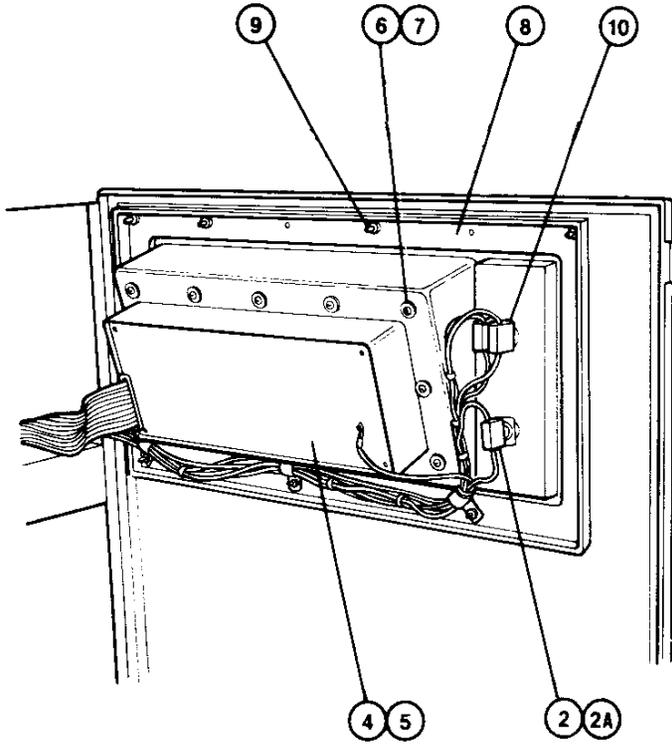
U96241 →→ indicates part is used on units with serial number ending in **U96241** or higher.

HOW TO ORDER PARTS

In order that all avoidable errors be eliminated when ordering parts, please specify the following:

1. The model number of the unit as shown on the Compressor Data Plate.
2. The serial number of the unit as shown on the Compressor Data Plate.
3. The form number of this manual.
4. The reference number, part number, description and quantity needed exactly as listed.
5. The motor data code shown on the motor data plate.

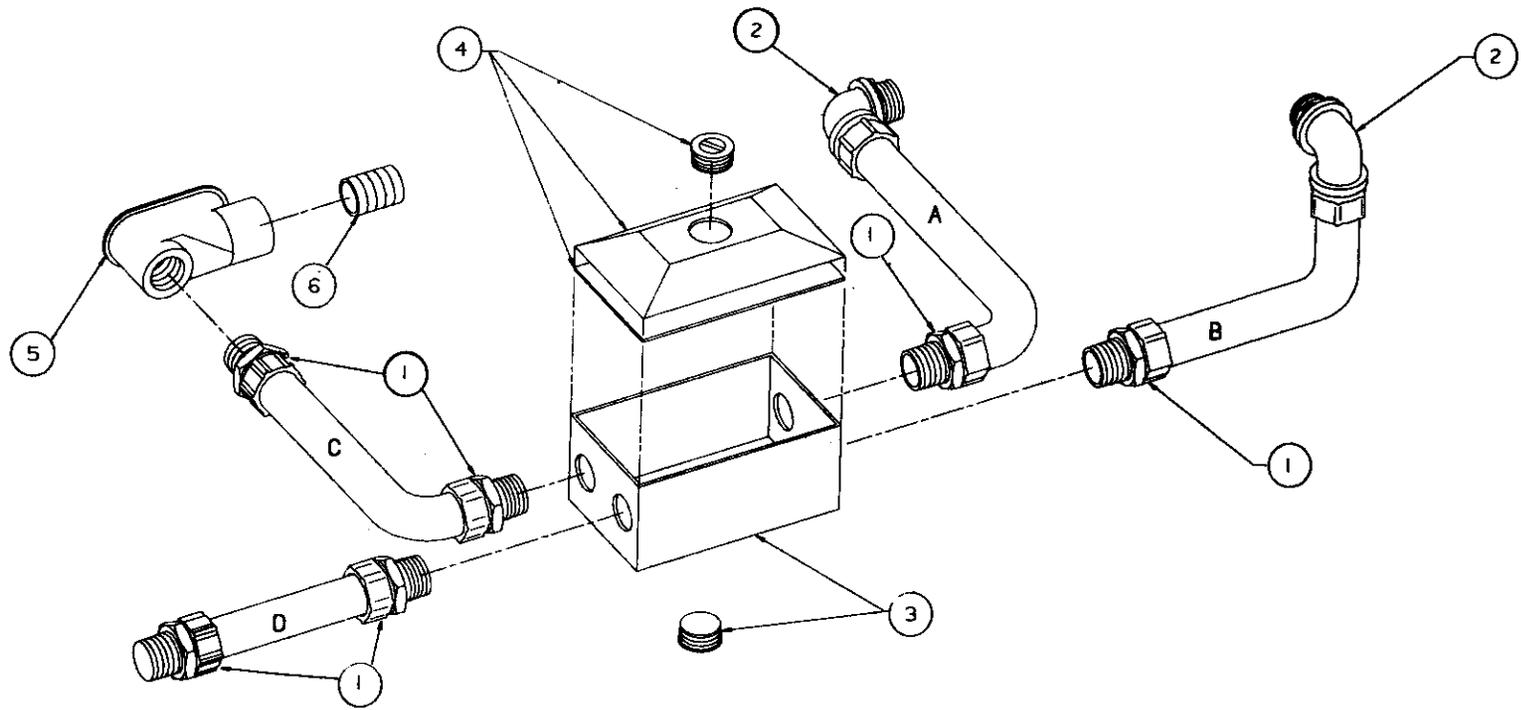




Intellisys Display

Ref No.	Part Number	Qty.	Description
1	39806120	1	Analog Terminal Board
2	39485032	2	Light, Amber Complete
2A	39485024	2	Bulb 24VAC
4	39825716	1	Intellisys Controller, English
	39847546	1	Intellisys Controller, Spanish
4A	39813894	1	Membrane, Intellisys (English)
	39847553	1	Membrane, Intellisys (Spanish)
5	39474994	1	Gasket, Display Assembly (Not Shown)
6	39178769	12	Screw
7	39178660	12	Washer
8	39792239	1	Frame, Display
9	39128541	15	Nut
10	39549167	1	Switch, Emergency Stop
11	39568092	5	Transducer, RTD
12	39542261	5	Cable, Transducer
*	39538061	4	Transducer, Pressure 0-200 PSI
*	39541693	1	Transducer, Pressure 0-15 PSI
*	39541685	1	Transducer, Pressure 0-100 PSI

* ITEMS NOT ILLUSTRATED (MOUNTED ON BACK OF STARTER BOX)



NEMA1 Electrical Conduit

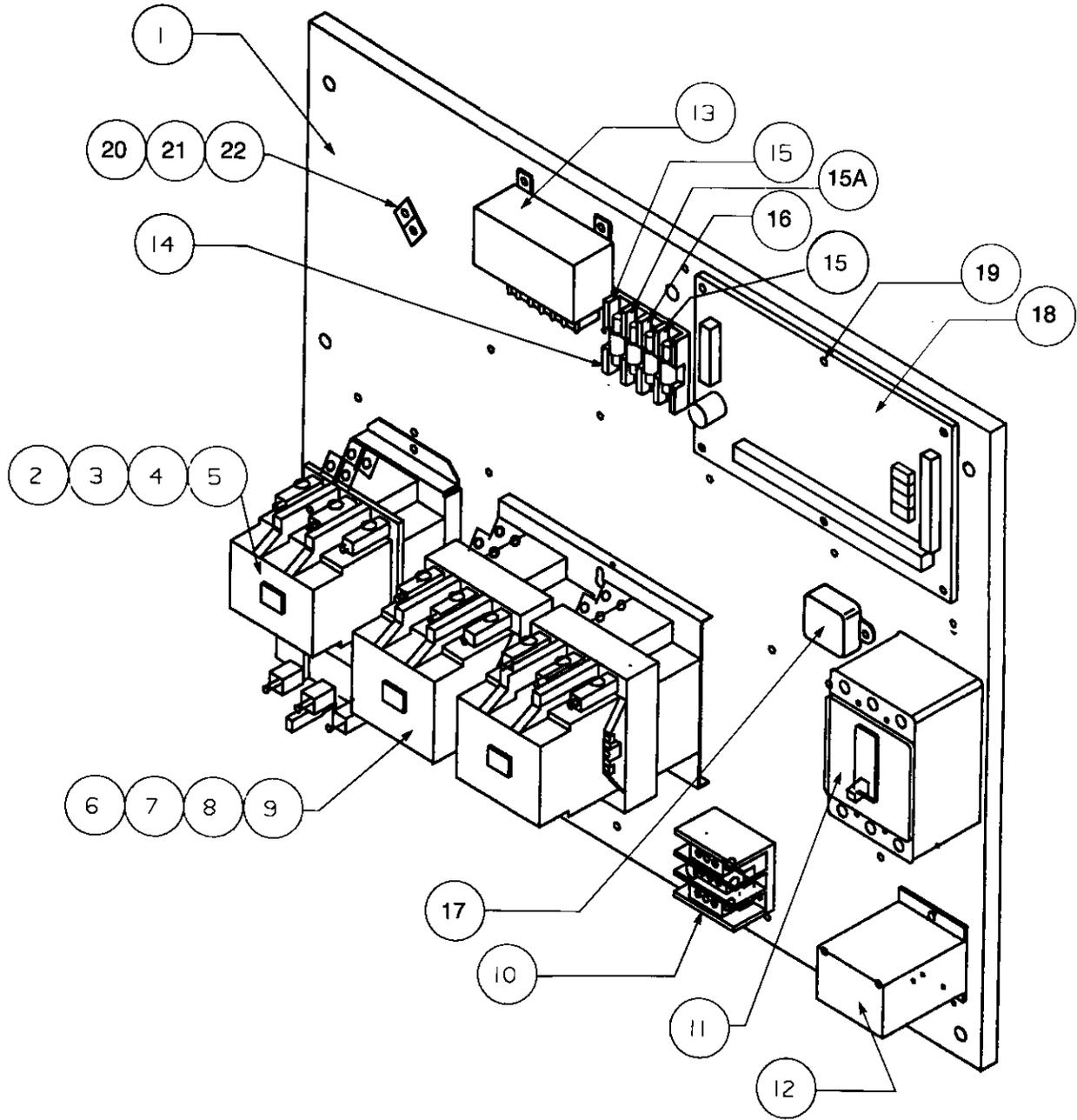
Ref. No.	Part Number	Qty.	Description
1	39479431	6	Connector
2	39479472	2	Elbow
3	39146683	1	Box, Junction
4	39146691	1	Cover and Gasket
5	39131974	1	Elbow, Junction
6	39104054	1	Nipple, Conduit

Conduit Runs	Part Number	Length
A High Air Temp Switch (1ATS)	39139332	12"
B High Air Temp Switch (2ATS)	39139332	10"
C Load Solenoid Valve (1SV)	39139332	70"
D Intellisys	39139332	112"

NEMA 4 Electrical Conduit

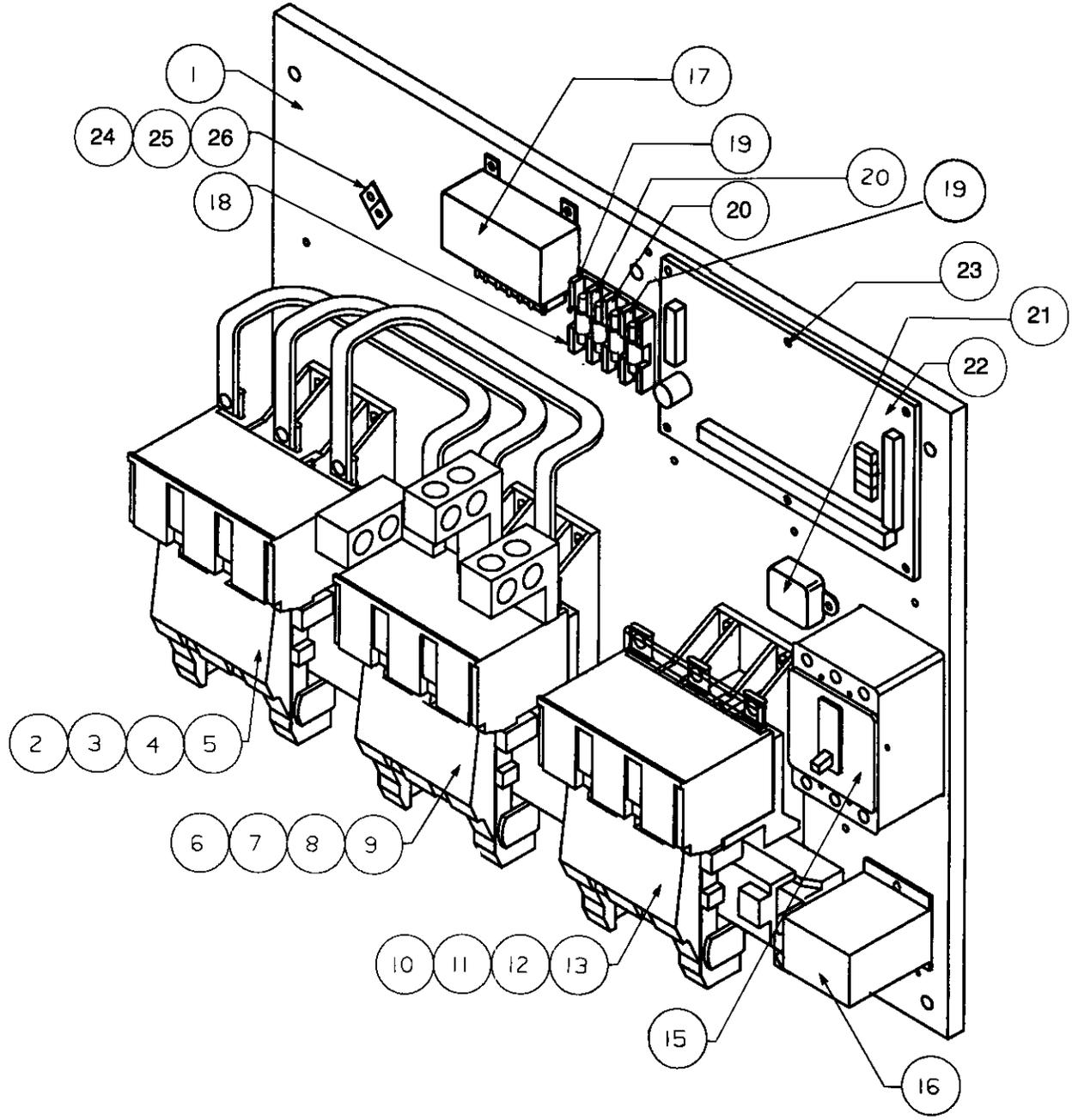
Ref. No.	Part Number	Qty.	Description
1	95245221	6	Connector
2	95361390	2	Elbow
3	39146683	1	Box, Junction
4	39146691	1	Cover and Gasket
5	39131974	1	Elbow, Junction
6	39104054	1	Nipple, Conduit

Conduit Runs	Part Number	Length
A High Air Temp Switch (1ATS)	39132261	11"
B High Air Temp Switch (2ATS)	39132261	8"
C Load Solenoid Valve (1SV)	39132261	80"
D Intellisys	39132261	112"



Assembly, Starter Size 4 Star-Delta (50 & 60 Hz)

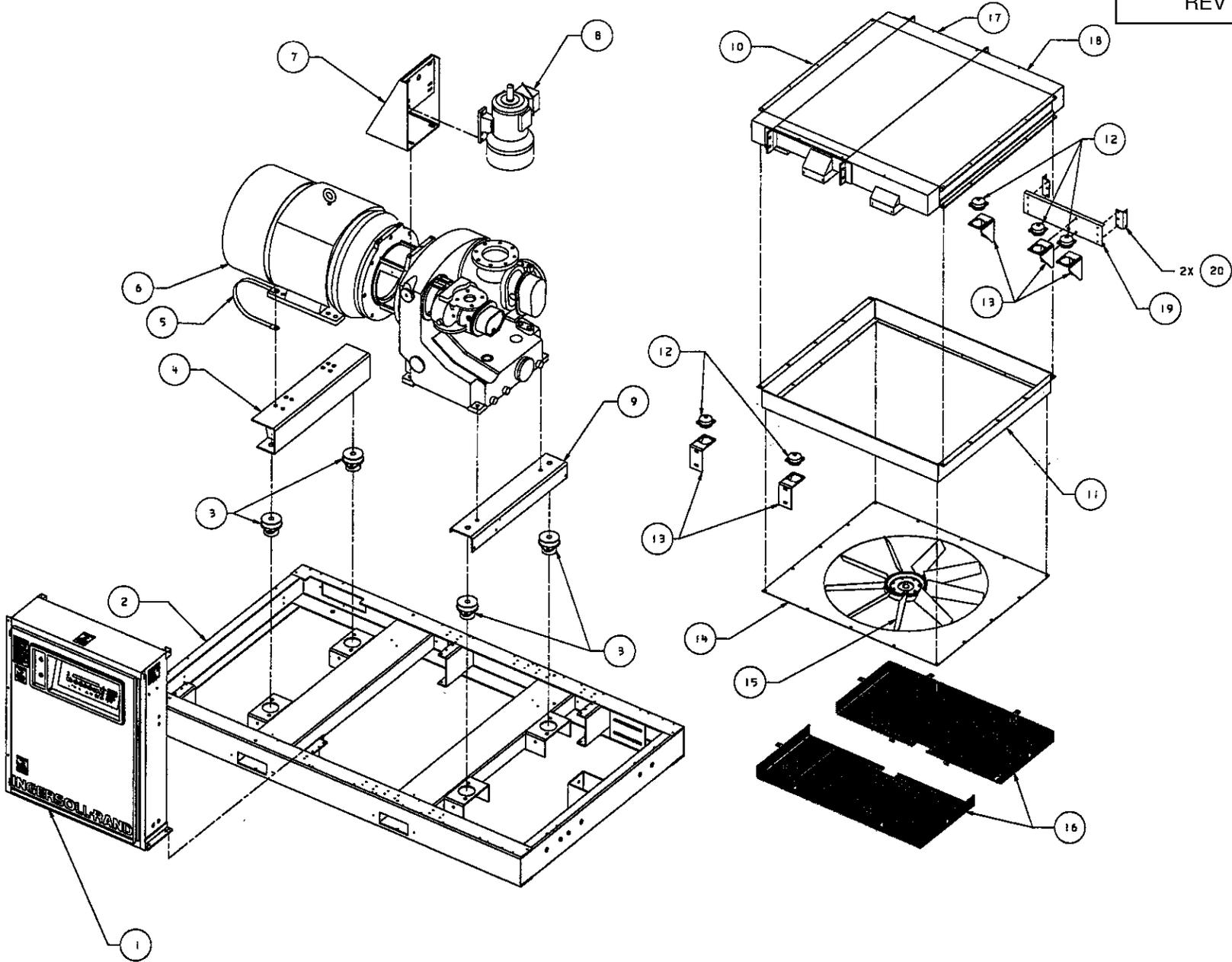
Ref. No.	Part Number	Qty.	Starter Assembly Size 4 Star-Delta Description
1	39791983	1	Back Panel
2	39164397	1	1M Starter Assembly
3	39161096	1	Coil
4	39161104	1	Contacts - 3 Pole
5	39109244	1	Interlock Switch (Normally open - Normally closed)
6	39179262	1	2M/1S Contactor Assembly
7	39161096	1	Coil
8	39161104	1	Contacts - 3 Pole
9	39109244	2	Interlock Switch (Normally open - Normally closed)
10	39164520	1	Terminal Block
11	39124235	1	Fan Motor Circuit Breaker (1CB) 30 Amp
12	39123419	1	Overload Relay (3OL)
13	39475975	1	Control Transformer, 380VA (60 HZ)
	39483292	1	Control Transformer, 380 VA (50 HZ)
14	39480504	2	Fuse Block
15	39178728	2	Primary Fuse, 600V, 2.5 Amp
15A	39113527	1	Secondary Fuse, 250V, 3.2 Amp
16	39118484	1	Secondary Fuse, 250V, 5.0 Amp
17	39171723	1	Power Filter
18	39807532	1	Starter Interface Board
19	39173810	6	Standoff
20	39119599	1	Ground Lug
21	39128434	1	Bolt, Ground Lug
22	39128541	1	Nut, Ground Lug



Assembly, Starter Size 5 Star Delta (50 & 60 HZ)

Ref. No.	Part Number	Qty.	Starter Assembly Size 5 Star-Delta Description
1	39791983	1	Back Panel
2	39164389	1	1M Starter Assembly
3	39109269	1	Coil
4	39109236	1	Contacts - 3 Pole
5	39109244	1	Interlock Switch (Normally open - Normally closed)
6	39179270	1	2M Contactor Assembly
7	39109269	1	Coil 60 Hz
8	39109236	1	Contacts - 3 Pole
9	39109244	1	Interlock Switch (Normally open - Normally closed)
10	39179288	1	1S Contactor Assembly
11	39109269	1	Coil
12	39109236	1	Contacts - 3 Pole
13	39109244	1	Interlock Switch (Normally open - Normally closed)
14	39164520	1	Terminal Block
15	39188388	1	Fan Motor Circuit Breaker (1CB) 45 Amp
16	39128129	1	Overload Relay (2OL)
17	39475983	1	Control Transformer, 580 VA (60 HZ)
	39485800	1	Control Transformer, 580 VA (50 HZ)
18	39480504	2	Fuse Block
19	39178736	2	Primary Fuse, 600V, 3.5 Amp
20	39118484	2	Secondary Fuse, 250V, 5 Amp
21	39171723	1	Power Filter
22	39807532	1	Starter Interface Board
23	39173810	6	Standoff
24	39119722	1	Ground lug
25	39116330	1	Bolt, Ground Lug
26	39116348	1	Nut, Ground

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REV 02



Assembly, Major Components - Air Cooled

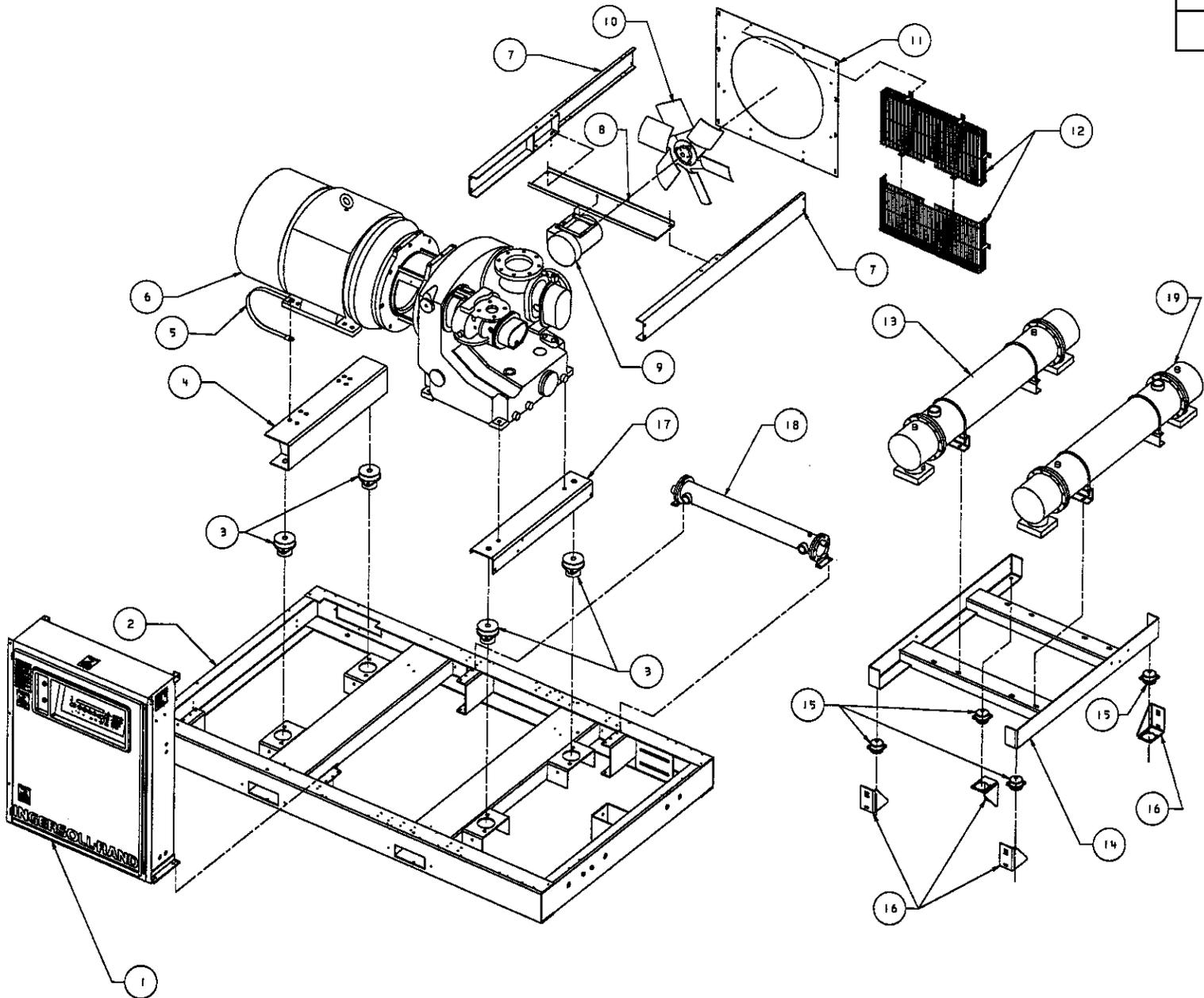
Ref. No.	Part Number	Qty.	Description
1	39794110	1	Assembly, Starter Box (NEMA 1)
	39806179	1	Assembly, Starter Box (NEMA 4)
1A	39178678	4	Screw
1B	39138490	2	Pin, Locater
2	39878582	1	Base, Standard Air-Cooled
	39814363	1	Base, Sitemaster (Not Shown)
3	39477096	4	Mount
3A	95860748	8	Screw
3B	95923355	8	Nut
3C	95861449	4	Bolt
3D	95317707	4	Nut
3E	95922159	2	Washer
4	39813746	1	Support, Motor
4A	95929121	2	Bolt
4B	95923355	2	Nut
4C	95294286	2	Washer
4D	39496278	2	Spacer, Motor (Not Used On 444 & 445 Framed Motors)
5	39479860	1	Strap, Ground
6	39883079	1	Assembly, Drive Train
7	39876438	1	Support, Fan Motor
7A	39128475	4	Bolt
8	39493960	1	Motor, Fan 230/460V-60Hz
	39493978	1	Motor, Fan 575V-60Hz
	39497045	1	Motor, Fan 200V-60Hz
	39493986	1	Motor, Fan 220-380V-50Hz
	39493994	1	Motor, Fan 415V-50Hz
8A	39119573	4	Bolt
8B	95923322	4	Nut
8C	95064606	4	Washer
9	39813753	1	Support, Compressor
9A	95862462	2	Bolt
9B	95923355	2	Nut
9C	95294286	2	Washer
10	39841010	1	Cooler, Oil
11	39814082	1	Box, Cooler (100-125 PSI)
	39830104	1	Box, Cooler (150 PSI Not Shown)
11A	39133152	10	Screw
11B	95929071	10	Washer
12	39488432	5	Mount (100-125 PSI)
	39499215	2	Mount (150 PSI Not Shown)
	39488432	2	Mount (150 PSI)
12A	39128988	20	Screw (100-125 PSI)
	39128988	16	Screw (150 PSI)

Ref. No.	Part Number	Qty.	Description
13	39488424	5	Support, Cooler (100-125 PSI)
	39488424	4	Support, Cooler (150 PSI)
13A	39128483	10	Bolt (100-125 PSI)
	39128483	8	Bolt (150 PSI)
13B	39128566	10	Nut (100-125 PSI)
	39128566	8	Nut (150 PSI)
14	39814090	1	Plate, Orifice 36.0 (60 Hz Units)
	39843701	1	Plate, Orifice 40.0 (50 Hz Units)
14A	39133152	8	Screw
14B	95929071	8	Washer
15	39488598	1	Fan, 36 Dia. (60 Hz Units)
	39305511	1	Fan, 40 Dia. (50 Hz Units)
16	39814116	2	Guard, Fan
16A	39133152	8	Screw
16B	95929071	8	Washer
17	39865662	1	Aftercooler (100-125 PSI)
	39829536	1	Aftercooler (150 PSI Not Shown) See Hardware Parts List
17A	95933610	5	Screw (100-125 PSI)
	95933610	2	Screw (150 PSI)
	95866968	2	Screw (150 PSI)
17B	95922258	10	Washer (100-125 PSI)
	95922258	8	Washer (150 PSI)
17C	95716890	5	Washer (100-125 PSI)
	95716890	4	Washer (150 PSI)
17D	39491683	10	Gasket (100-125 PSI)
	39491683	8	Gasket (150 PSI)
18	39841002	1	Intercooler
19	39577754	1	Channel, Aftercooler Support (100-125 PSI)
19A	39133152	6	Screw
20	39314646	2	Angle (100-125 PSI)
20A	39133152	4	Screw

Hardware Required For 150# Aftercooler

	95934469	8	Bolt
	95922258	24	Washer, Flat
	95702320	8	Washer, Belleville
	95952156	8	Nut

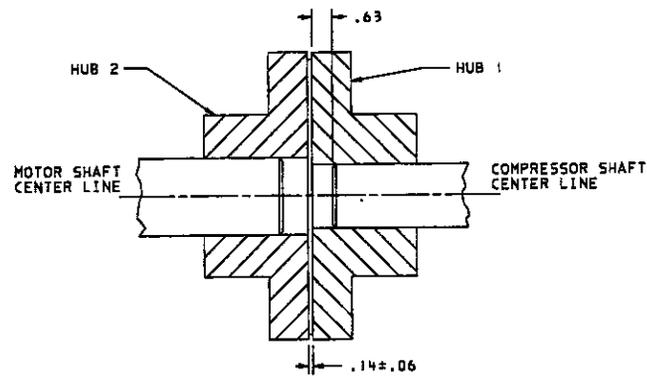
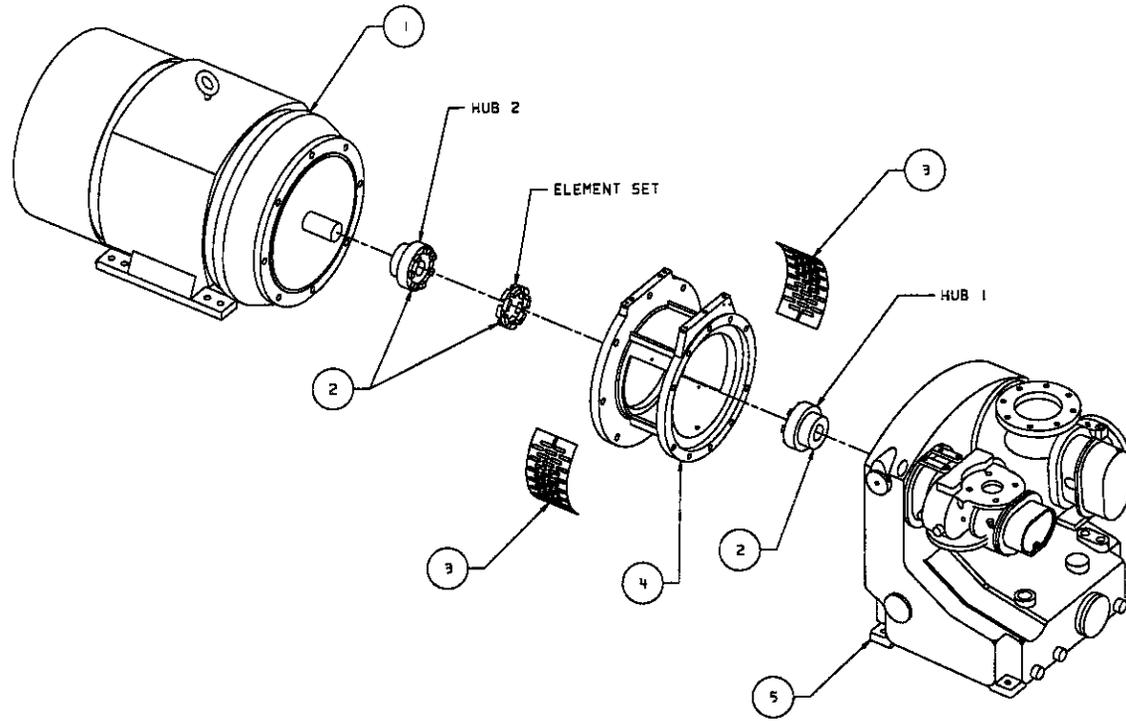
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Assembly - Major Components - Water Cooled

Ref. No.	Part Number	Qty.	Description	Ref. No.	Part Number	Qty.	Description
1	39794110	1	Assembly, Starter Box (NEMA 1)	13	39877105	1	Aftercooler (125 HP)
	39806179	1	Assembly, Starter Box (NEMA 4)		39877196	1	Aftercooler (125 HP ASME)
2	39878582	1	Base		39877097	1	Aftercooler (150 HP)
3	39477096	4	Mount, 125-200 HP		39877188	1	Aftercooler (150 HP ASME)
3A	95860748	8	Screw		39877071	1	Aftercooler (200 HP)
3B	95923355	8	Nut		39877170	1	Aftercooler (200 HP ASME)
3C	95861449	4	Bolt	13A	39128517	4	Bolt
3D	95317707	4	Nut	13B	39116348	4	Nut
4	39813746	1	Support, Motor	14	39878186	1	Support, Cooler
4A	95929121	2	Bolt	14A	95861282	4	Bolt
4B	95923355	2	Nut	14B	39116348	4	Nut
4C	95294286	2	Washer	14C	95081758	4	Washer
4D	39496278	2	Spacer, Motor (Not Used On 444 & 445 Frame Motors)	15	39301239	4	Mount
5	39479860	1	Strap, Ground	15A	39133145	16	Screw
6	39883079	1	Assembly, Drive Train	16	39488424	4	Support, Cooler
7	39814108	2	Support, Fan Motor	16A	39128483	8	Bolt
7A	95081758	4	Washer	16B	39128566	8	Nut
8	39835228	1	Support, Fan Motor	17	39813753	1	Support, Compressor
8A	39128483	12	Bolt	17A	95294286	2	Washer
8B	39128566	12	Nut	18	39796677	1	Cooler, Oil
9	39493952	1	Motor, Fan 230/460V 60 Hz	18A	39178678	4	Screw
	39493945	1	Motor, Fan 575V 60 Hz	19	39877097	1	Intercooler (125 HP)
	39302591	1	Motor, Fan 200V 60 Hz		39877188	1	Intercooler (125 HP ASME)
	39493937	1	Motor, Fan 220/380-415V 50 Hz		39877071	1	Intercooler (150 HP)
9A	39130828	4	Bolt		39877170	1	Intercooler (150 HP ASME)
9B	39128558	4	Nut		39877089	1	Intercooler (200 HP)
9C	95043188	4	Washer		39877162	1	Intercooler (200 HP ASME)
10	39119920	1	Fan, 24.00 Dia.	19A	39128517	4	Bolt
11	39835574	1	Plate, Orifice 24.00 In.	19B	39116348	4	Nut
11A	39133152	10	Screw				
11B	95929071	10	Washer				
12	39800388	2	Guard, Fan				
12A	39133152	8	Screw				
12B	95929071	8	Washer				

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COUPLING INSTALLATION DETAIL

Assembly, Drive Train

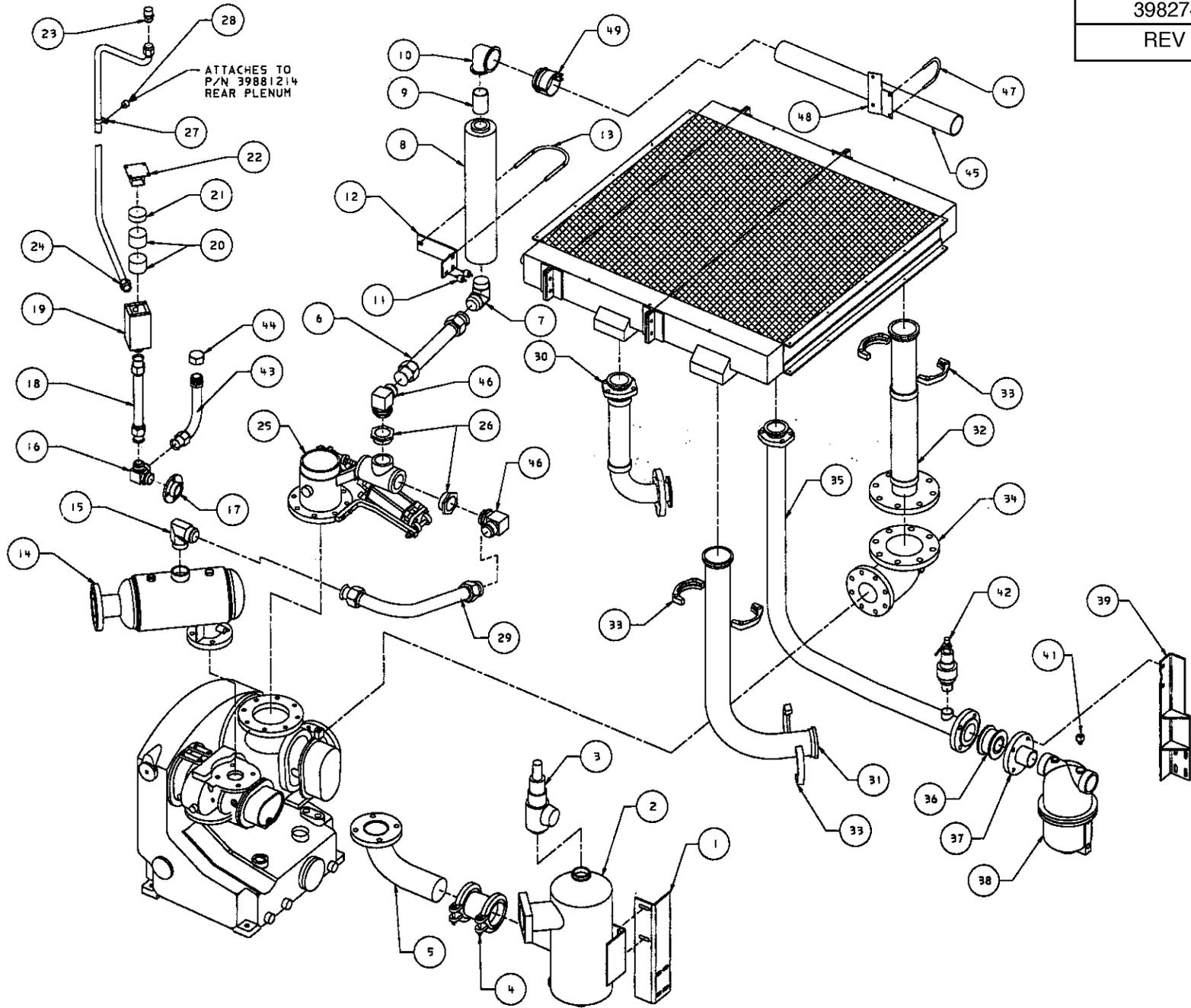
Ref. No.	Part Number	Qty.	Description
* 1	xxxxxxx	1	Motor
1A	95934790	8	Bolt
1B	95688735	8	Washer
1C	95922928	8	Nut
* 2	39585443	1	Coupling, Drive (2.125 Shaft)
	39585476	1	Coupling, Drive (2.125 Shaft)
	39586193	1	Coupling, Drive (2.125 Shaft)
	39585450	1	Coupling, Drive (2.375 Shaft)
	39585468	1	Coupling, Drive (2.375 Shaft)
2A	39236898	1	Element, Coupling (148E)
	39236906	1	Element, Coupling (168E)
3	39306121	2	Cover, Alignment Adapter
3A	39133145	4	Screw
4	39876404	1	Adapter, Alignment
4A	39173687	10	Bolt
4B	95929188	10	Washer
5	xxxxxxx	1	Airend

NOTE:

STANDARD FASTENERS SUCH AS NUTS, BOLTS, AND SCREWS ARE LISTED AS SUB-ITEMS (EXAMPLE - 1A)

* - FURNISH MOTOR PART NO. (STAMPED ON MOTOR NAMEPLATE) WHEN ORDERING REPLACEMENT.

39827449
REV 17

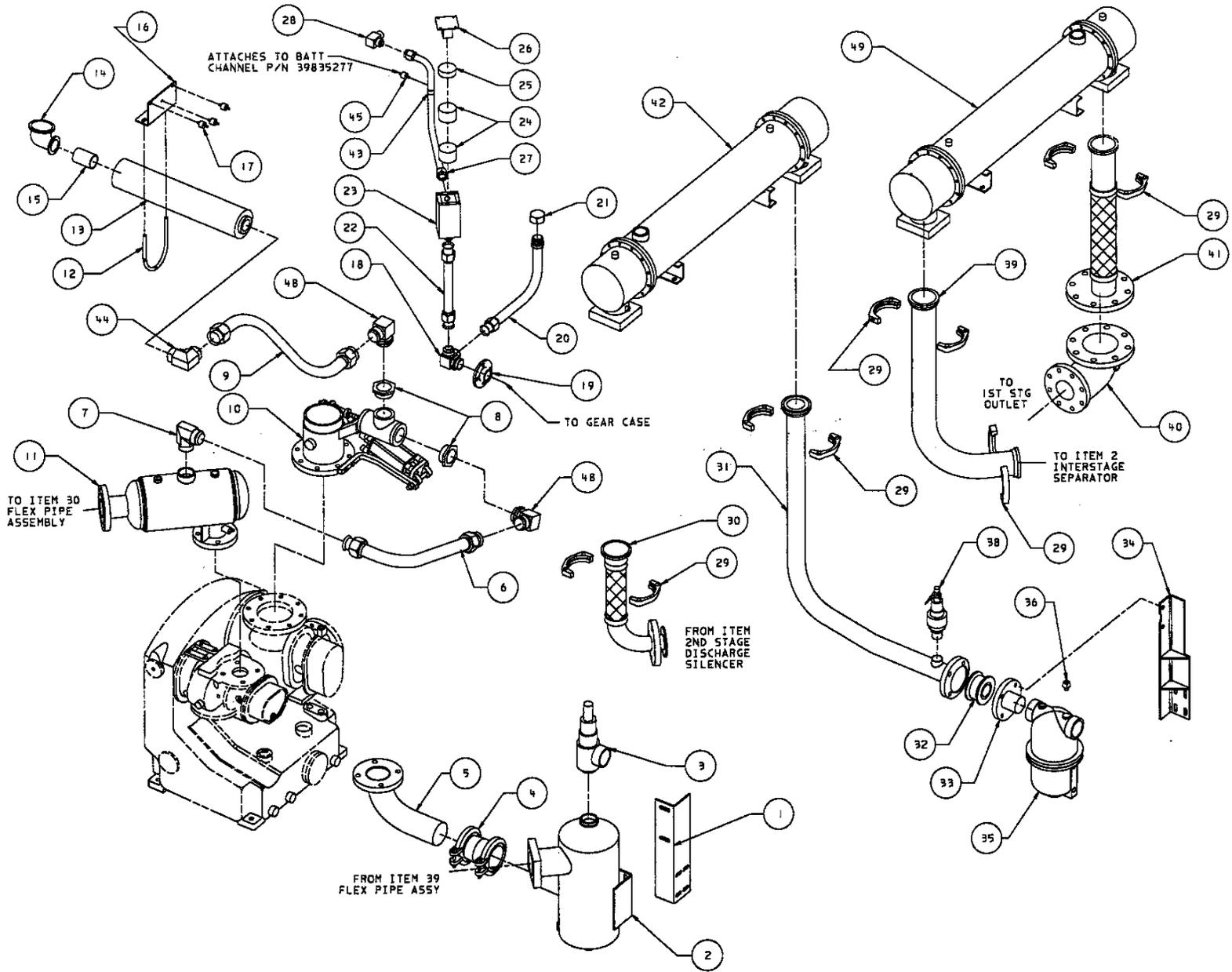


Assembly, Air Piping-Air Cooled

Ref. No.	Part Number	Qty.	Description	Ref. No.	Part Number	Qty.	Description
1	39832530	1	Support, Interstage Moisture Separator	29	39813795	1	Tube, Blowdown
1A	39128509	4	Bolt	30	39813613	1	Tube, Silencer To Aftercooler
1B	39116348	4	Nut	30A	95929121	4	Bolt
2	39832548	1	Separator, Inter Stage	30B	95929188	8	Lockwasher
2A	39128509	2	Bolt	30C	95423687	4	Nut
2B	39116348	2	Nut	30D	95861290	4	Bolt
3	39163977	1	Valve, Relief 2"	30E	39188461	1	O-Ring
4	39310180	1	Coupling, Flexible	30F	39454533	1	Gasket
5	39813605	1	Tube, Second Stage Inlet	31	39841549	1	Tube, Intercooler To Second Stage
5A	39179072	4	Bolt	32	39813563	1	Tube, First Stage To Intercooler
5B	95929188	4	Lockwasher	32A	39464433	1	Gasket
5C	39464391	1	Gasket	32B	95861357	8	Bolt
6	39815733	1	Tube	32C	95688735	8	Lockwasher
7	39491428	1	Elbow, Orifice	32D	95922928	8	Nut
8	39491451	1	Muffler, Blowdown	33	39481593	3	Flange
9	95898219	1	Nipple	33A	39188479	3	O-Ring
10	95927398	1	Elbow, Reducing	33B	39180591	12	Bolt
11	39405691	2	Mount, Isolation	33C	95929188	12	Lockwasher
11A	39128541	4	Nut	34	39791546	1	Venturi
12	39489281	1	Bracket, Blowdown Muffler	34A	39487434	1	Gasket
13	95643706	1	U-Bolt	34B	39179072	8	Bolt
13A	39116348	2	Nut	34C	95929188	8	Lockwasher
14	39813456	1	Silencer, Discharge	35	39813878	1	Tube, Aftercooler To Check Valve
14A	39179072	4	Bolt	35A	39188461	1	O-Ring
14B	95929188	4	Lockwasher	35B	95861290	4	Bolt
14C	39487475	1	Gasket	35C	95929188	4	Lockwasher
15	95937678	1	Elbow	36	39247317	1	Valve, Discharge Check
16	39476353	1	Tee, Side Outlet	36A	39487475	2	Gasket, Check Valve
17	39497003	1	Plate, Breather	36B	95952586	4	Bolt
17A	39173463	4	Screw	36C	95423687	4	Nut
17B	39464367	1	Gasket	36D	95929188	4	Lockwasher
18	39819834	1	Tube, Breather	37	39560008	1	Pipe, Check Valve
19	39560180	1	Body, Breather	38	39427448	1	Moisture Separator
19A	39491741	1	Gasket, Breather Body	39	39863790	1	Support, Moisture Separator
20	40068389	2	Element, Metallic	39A	39128509	4	Bolt
21	40068371	1	Element, Foam	39B	39116348	4	Nut
22	39489646	1	Cover, Breather	41	39490206	1	Tee, Special
22A	39133145	4	Screw	42	39112412	1	Valve, Relief (125 PSIG)
23	95937520	1	Connector, Male		39112396	1	Valve, Relief (100 PSIG)
	95937645	1	Elbow (Air Cooled-Outdoor Mod.)		39114145	1	Valve, Relief (150 PSIG, 125 HP)
24	35131705	1	Tube, Breather Exhaust		39117338	1	Valve, Relief (150 PSIG, 150 & 200 HP)
	39881180	1	Elbow (Air Cooled-Outdoor Mod.)		39179395	1	Bushing (150 PSIG Only)
25	39791520	1	Assembly, Inlet	43	39560198	1	Tube, Oil Fill
25A	39179072	8	Bolt	44	39416136	1	Cap, Oil Fill
25B	95929188	8	Lockwasher	45	39118849	1	Conduit
25C	39464425	1	Gasket	46	39140512	2	Elbow
26	39313598	2	Adapter	47	39177183	1	U-Bolt
27	W88677	1	Clamp	47A	39116348	2	Nut
28	39405691	1	Mount, Isolation	48	39581368	1	Support, Blowdown Pipe (Attached To Outdoor Mod. Exhaust Silencer Part Number 39793616)
28A	39128541	2	Nut	48A	39133145	2	Screw
				49	39118856	1	Connector

NOTE: ITEMS 45,47,47A, AND 48A ARE REQUIRED FOR OUTDOOR MOD. ONLY.

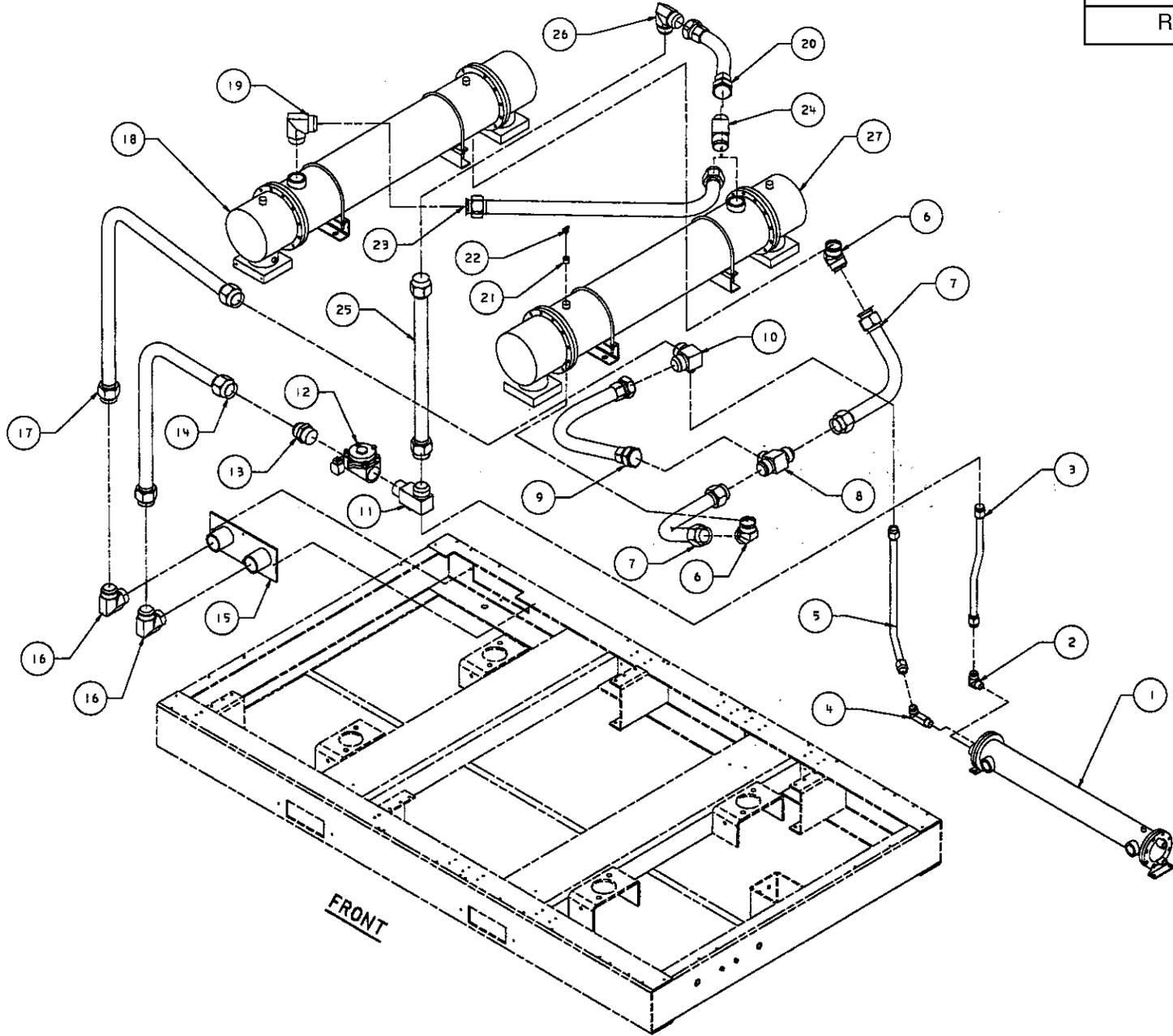
39837448
REV 09



Assembly, Air Piping W/Aftercooler-Water Cooled

Ref No.	Part Number	Qty.	Description	Ref No.	Part Number	Qty.	Description
1	39832530	1	Support, Interstage Moisture Separator	29B	95930723	16	Bolt
1A	39128509	4	Bolt	29C	95929188	16	Lockwasher
1B	39116348	4	Nut	30	39832522	1	Tube, Discharge Silencer To Aftercooler
2	39832548	1	Separator, Inter Stage	30A	95929121	4	Bolt
2A	39128509	2	Bolt,	30B	95423687	4	Nut
2B	39116348	2	Nut	30C	95929188	4	Lockwasher
3	39163977	1	Valve, Relief 2"	30D	39454533	1	Gasket
4	39310180	1	Coupling, Flexible	31	39832431	1	Tube, Water Cooled Aftercooler/Check Valve
5	39813605	1	Tube, Second Stage Inlet	32	39247317	1	Valve, Discharge Check
5A	39179072	4	Bolt	32A	39487475	2	Gasket, Check Valve
5B	95929188	4	Lockwasher	32B	95952586	4	Bolt
5C	39464391	1	Gasket	32C	95423687	4	Nut
6	39813795	1	Tube, Blowdown	32D	95929188	4	Lockwasher
7	95937678	1	Elbow	33	39560008	1	Pipe, Check Valve
8	39313598	2	Adapter	34	39863790	1	Support, Moisture Separator
9	39837182	1	Tube, Muffler	34A	39128509	4	Bolt
10	39791520	1	Assembly, Inlet	34B	39116348	4	Nut
10A	39179072	8	Bolt	35	39427448	1	Moisture Separator
10B	95929188	8	Lockwasher	36	39490206	1	Tee, Special
10C	39464425	1	Gasket	38	39112412	1	Valve, Relief (125 PSIG)
11	39813456	1	Silencer, Discharge		39112396	1	Valve, Relief (100 PSIG)
11A	39179072	4	Bolt		39114145	1	Valve, Relief (150 PSIG, 125 HP)
11B	95929188	4	Lockwasher		39117338	1	Valve, Relief (150 PSIG, 150 & 200 HP)
11C	39487475	1	Gasket		39179395	1	Bushing (150 PSIG Only)
12	95643706	1	U-Bolt	39	39813803	1	Tube, Intercooler To Second Stage
12A	39116348	2	Nut	40	39791546	1	Venturi
13	39491451	1	Muffler, Blowdown	40A	39487434	1	Gasket
14	95927398	1	Elbow, Reducing	40B	39179072	8	Bolt
15	95898219	1	Nipple	40C	95929188	8	Lockwasher
16	39582473	1	Bracket, Blowdown Muffler	41	39832415	1	Tube, First Stage To Intercooler
17	39405691	3	Mount, Isolation	41A	39464433	1	Gasket
17A	39128541	6	Nut	41B	95861357	8	Bolt
18	39476353	1	Tee, Side Outlet	41C	95922928	8	Nut
19	39497003	1	Plate, Breather	41D	95688735	8	Washer
19A	39173463	4	Screw	42	39877105	1	Aftercooler (125 HP)
19B	39464367	1	Gasket		39877196	1	Aftercooler (125 HP ASME)
20	39560198	1	Tube, Oil Fill		39877097	1	Aftercooler (150 HP)
21	39416136	1	Cap, Oil Fill		39877188	1	Aftercooler (150 HP ASME)
22	39819834	1	Tube, Breather		39877071	1	Aftercooler (200 HP)
23	39560180	1	Body, Breather		39877170	1	Aftercooler (200 HP ASME)
23A	39491741	1	Gasket, Breather Body	43	W88677	1	Clamp
24	40068389	2	Element, Metallic	44	39491428	1	Elbow, Orifice
25	40068371	1	Element, Foam	45	39405691	1	Mount, Isolation
26	39489646	1	Cover, Breather	45A	39128541	2	Nut
26A	39133145	4	Screw	48	39140512	2	Elbow
27	39881206	1	Tube, Breather Exhaust	49	39877097	1	Intercooler (125 HP)
28	95937645	1	Elbow		39877188	1	Intercooler (125 HP ASME)
29	39481593	10	Flange		39877071	1	Intercooler (150 HP)
29A	39188479	4	O-Ring		39877170	1	Intercooler (150 HP ASME)
					39877089	1	Intercooler (200 HP)
					39877162	1	Intercooler (200 HP ASME)

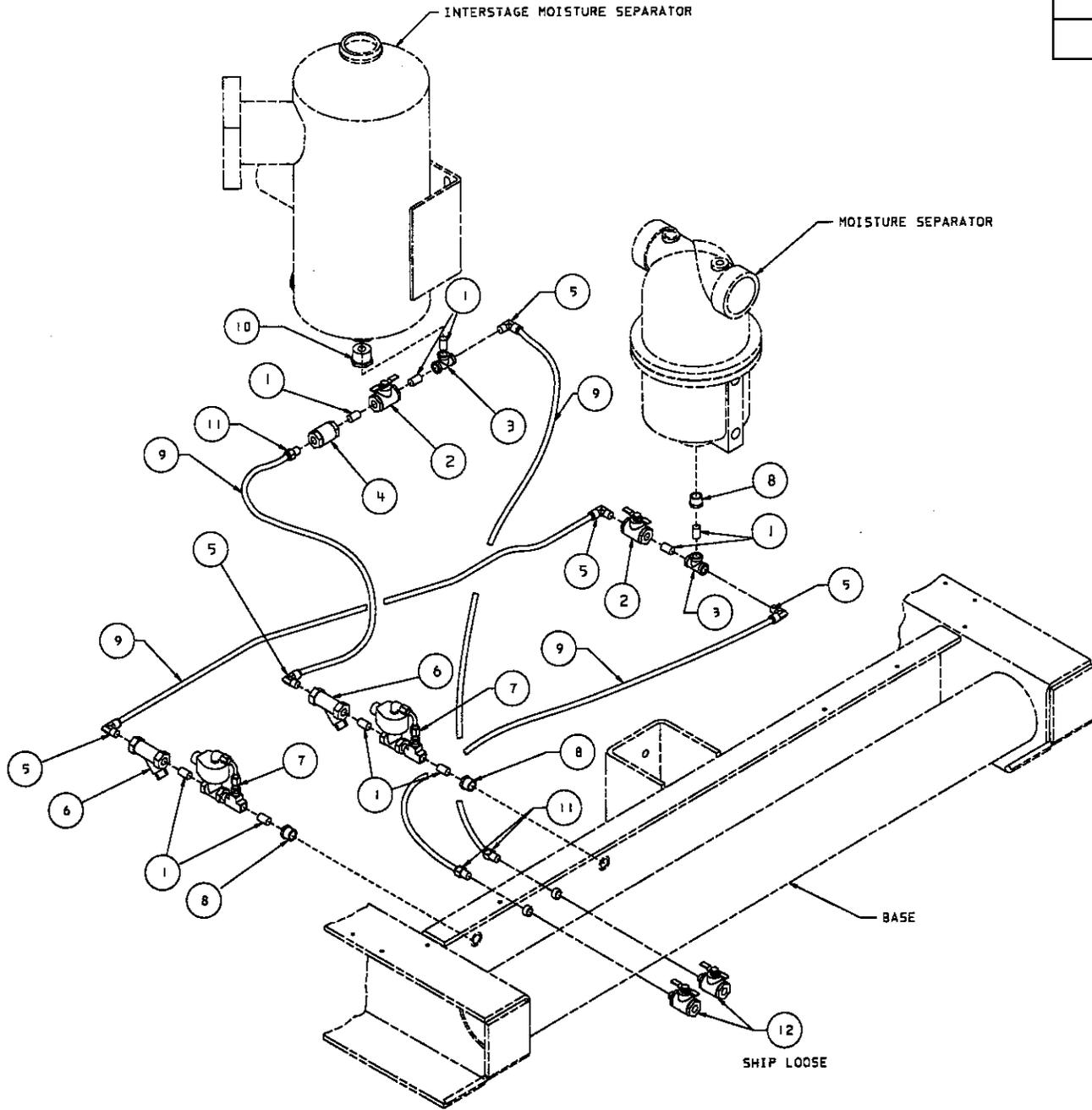
39832571
REV 05



Assembly, Water Piping

Ref No.	Part Number	Qty.	Description
1	39796677	1	Cooler, Oil
2	95937652	1	Elbow
3	39872635	1	Tube, Oilcooler-Out
4	95316923	1	Elbow
5	39872627	1	Tube, Oilcooler-In
6	95946190	2	Elbow, 45°
7	39564448	2	Tube, Cooler-Inlet (Std Coolers)
	39570536	2	Tube, Cooler-Inlet (ASME Coolers)
8	39119227	1	Tee
9	39572219	1	Hose
10	39300827	1	Manifold, Water In
11	39300587	1	Manifold, Water Out
12	39482757	1	Valve, 2-Way
13	95937561	1	Connector
14	39564422	1	Tube, Water-Out
15	39482872	1	Plate, Coupling
15A	39133145	4	Screw
16	95937678	2	Elbow
17	39564455	1	Tube, Water-In
18	39877105	1	Aftercooler (125 HP)
	39877196	1	Aftercooler (125 HP ASME)
	39877097	1	Aftercooler (150 HP)
	39877188	1	Aftercooler (150 HP ASME)
	39877071	1	Aftercooler (200 HP)
	39877170	1	Aftercooler (200 HP ASME)
19	95937678	1	Elbow
20	39572029	1	Hose
21	39173711	1	Bushing
22	95250692	1	Petcock
23	39564430	1	Tube, Intercooler To Aftercooler (Std Coolers)
	39570544	1	Tube, Intercooler To Aftercooler (ASME Coolers)
24	95939252	1	Tee
25	39838743	1	Tube, Water Out
26	39119219	1	Elbow
27	39877097	1	Intercooler (125 HP)
	39877188	1	Intercooler (125 HP ASME)
	39877071	1	Intercooler (150 HP)
	39877170	1	Intercooler (150 HP ASME)
	39877089	1	Intercooler (200 HP)
	39877162	1	Intercooler (200 HP ASME)

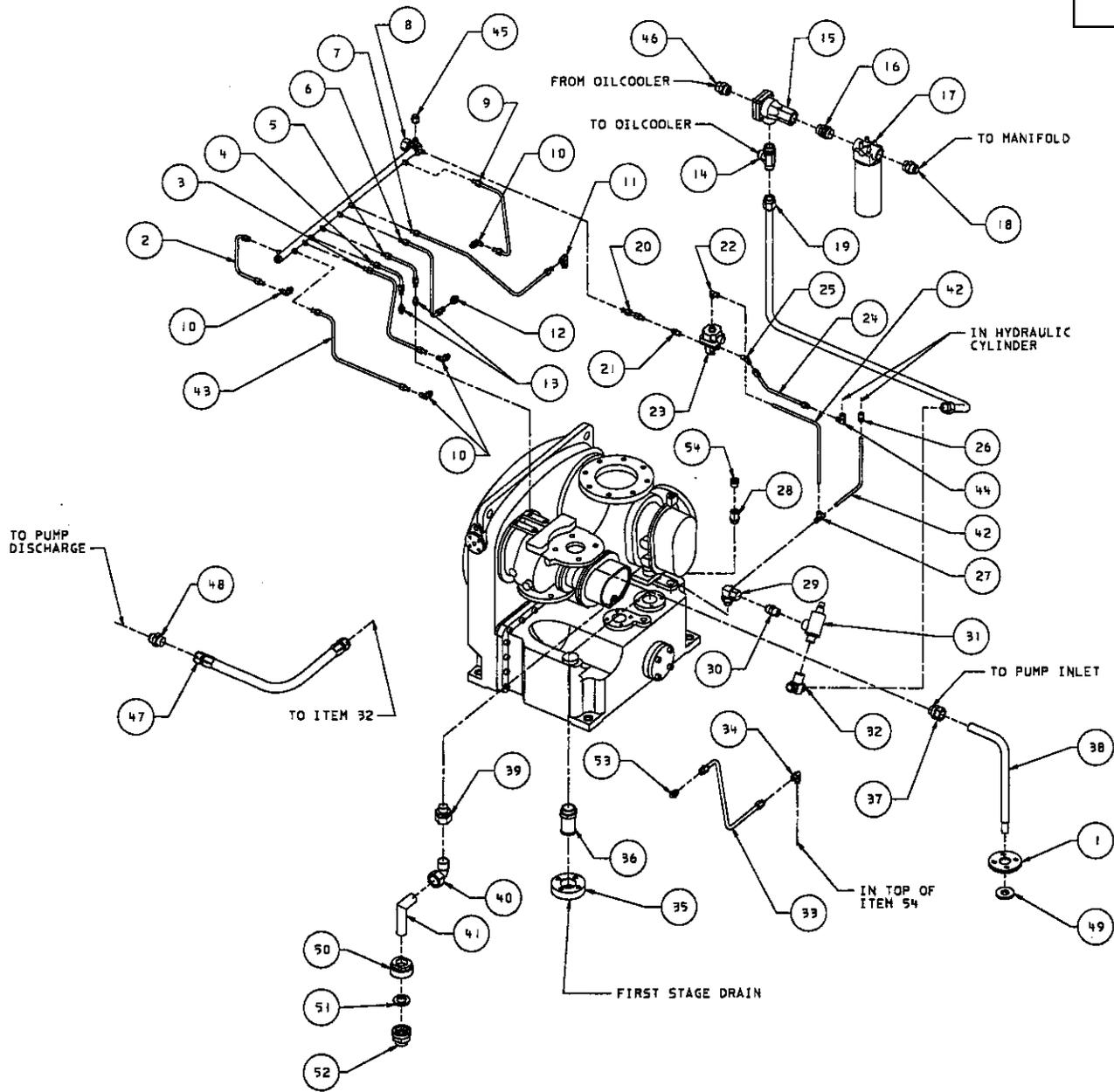
39816244
REV 07



Assembly, Condensate Piping

Ref. No.	Part Number	Qty.	Description
1	95323911	9	Nipple
2	39105630	2	Valve, Ball
3	95298485	2	Tee
4	39182548	1	Valve, Check
5	39155650	5	Elbow
6	39171731	2	Strainer
6A	39184510	2	Plug
7	40054413	2	Valve, Condensate Solenoid NEMA 1
	39198569	2	Valve, Condensate Solenoid NEMA 4
8	39173711	3	Bushing, Reducing
9	39124821	100"	Tube, Synflex
10	39173943	1	Bushing, Reducing
11	39156419	3	Connector
12	39105713	2	Valve, Ball (Ship Loose To Customer)

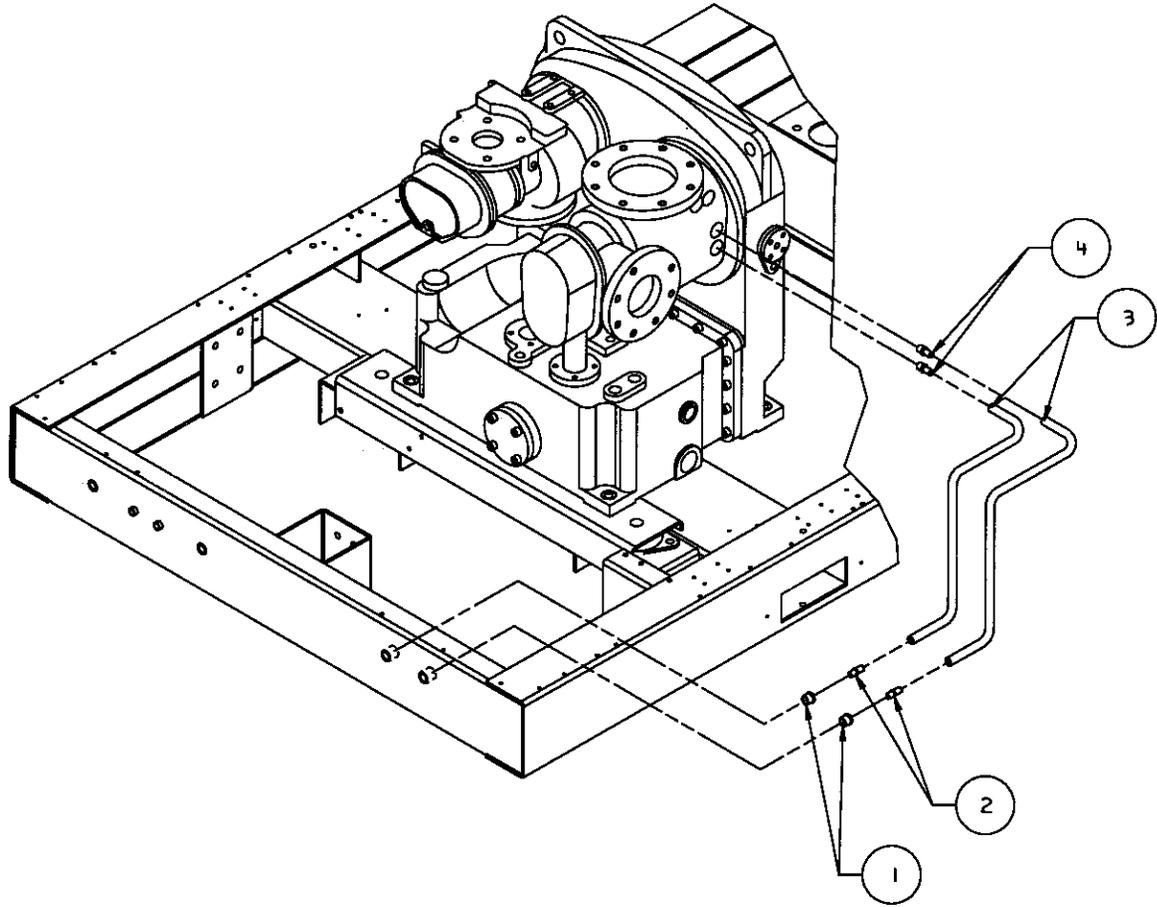
39869862
REV 04



Assembly, Oil Piping

Ref No.	Part Number	Qty.	Description	Ref No.	Part Number	Qty.	Description
1	39579628	1	Flange, Sealing	35	39304936	1	Plate, Oil Drain
1A	96719786	4	Bolt	36	39304951	1	Adapter, Oil Drain
1B	39204854	4	Washer	36A	39227442	1	O-Ring
2	39488135	1	Tube, 2 Stg Spitter	37	39206495	1	Connector
3	39553029	1	Tube, 2 Stg Coolant	38	39868922	1	Tube, Pump Suction, 2 Pole
4	39471776	1	Tube, Bearing	38A	39868930	1	Tube, Pump Suction, 4 Pole
5	39471784	1	Tube, Bearing	39	39206487	1	Connector
6	39541586	1	Tube, 1 Stg	40	39567920	1	Elbow
7	39542014	1	Tube, 1 Stg Rear Bearing	41	39304548	1	Tube, 2 Stg Oil Drain
8	39813571	1	Manifold, Oil-Air Cooled	42	39124821	70"	Tubing, Plastic
9	39541446	1	Tube, 1 Stg	43	39541594	1	Tube, Manifold To Jacket
10	39172952	4	Elbow	44	95937728	1	Elbow
11	39172994	1	Elbow	45	39180872	1	Cap, Tube
12	39173042	1	Connector	46	95938148	1	Connector (Aircooled Unit)
13	39172937	2	Connector		95938171	1	Elbow (Watercooled Unit)
14	39146543	1	Tee				
14A	39572581	1	Hose (Aircooled Unit)	46A	39572433	1	Hose (Aircooled Unit)
	39572433	1	Hose (Watercooled Unit)				
14B	95938171	1	Elbow (Aircooled Unit)		39572581	1	Hose (Watercooled Unit)
	39476965	1	Elbow (Watercooled Unit)	46B	95938171	1	Elbow (Aircooled Unit)
15	39467634	1	Valve-Thermo Water		39476965	1	Elbow (Watercooled Unit)
16	95938106	1	Union	47	39572086	1	Hose
17	39243712	1	Filter, Oil	48	39172945	1	Connector
18	95938148	1	Connector	49	39315940	1	Ring, Sealing
19	39849187	1	Tube, Thermo Water Valve-By Pass Valve	49A	39315932	1	Ring, Support
20	39488416	1	Tube, Manifold To Solenoid	50	39579636	1	Nut, Sealing
21	95937587	1	Connector	50A	39315924	1	Ring, Support
22	39155635	1	Elbow	51	39315957	1	Ring, High Pressure Sealing
23	39172739	1	Valve, Solenoid NEMA 1	52	39579644	1	Plug, Return
	39198551	1	Valve, Solenoid NEMA 4	53	39202965	1	Connector
24	39161005	1	Hose	54	95953956	1	Bushing
25	95937777	1	Elbow, 45°				
26	39156427	1	Connector				
27	39321054	1	Tee				
28	39175187	1	Adapter				
29	39485255	1	Manifold, Oil Dump				
30	95937512	1	Connector				
31	39167119	1	Valve, Relief				
32	39485289	1	Tee, Special				
33	39889167	1	Tube, Cooling Oil Return				
34	39583927	1	Elbow				

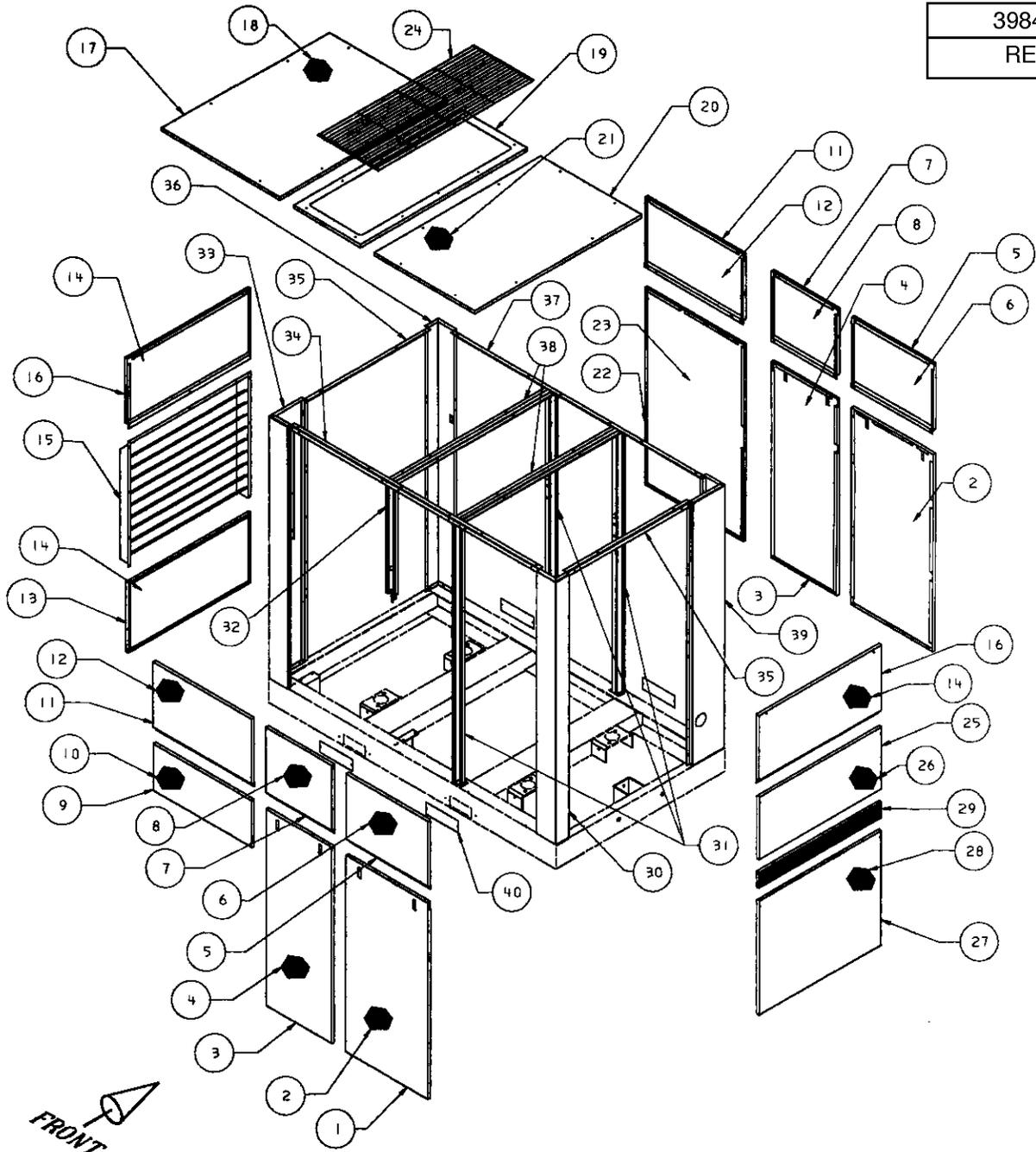
39880323
REV 01



Assembly, Seal Vent Piping

Ref No.	Part Number	Qty.	Description
1	39173711	2	Bushing, Reducing
2	39311311	2	Connector
2A	95220844	2	Clamp
3	39137518	96"	Hose
4	39311329	2	Connector
4A	95220844	2	Clamp

39841812
REV 02



Assembly, Standard Enclosure-Air Cooled

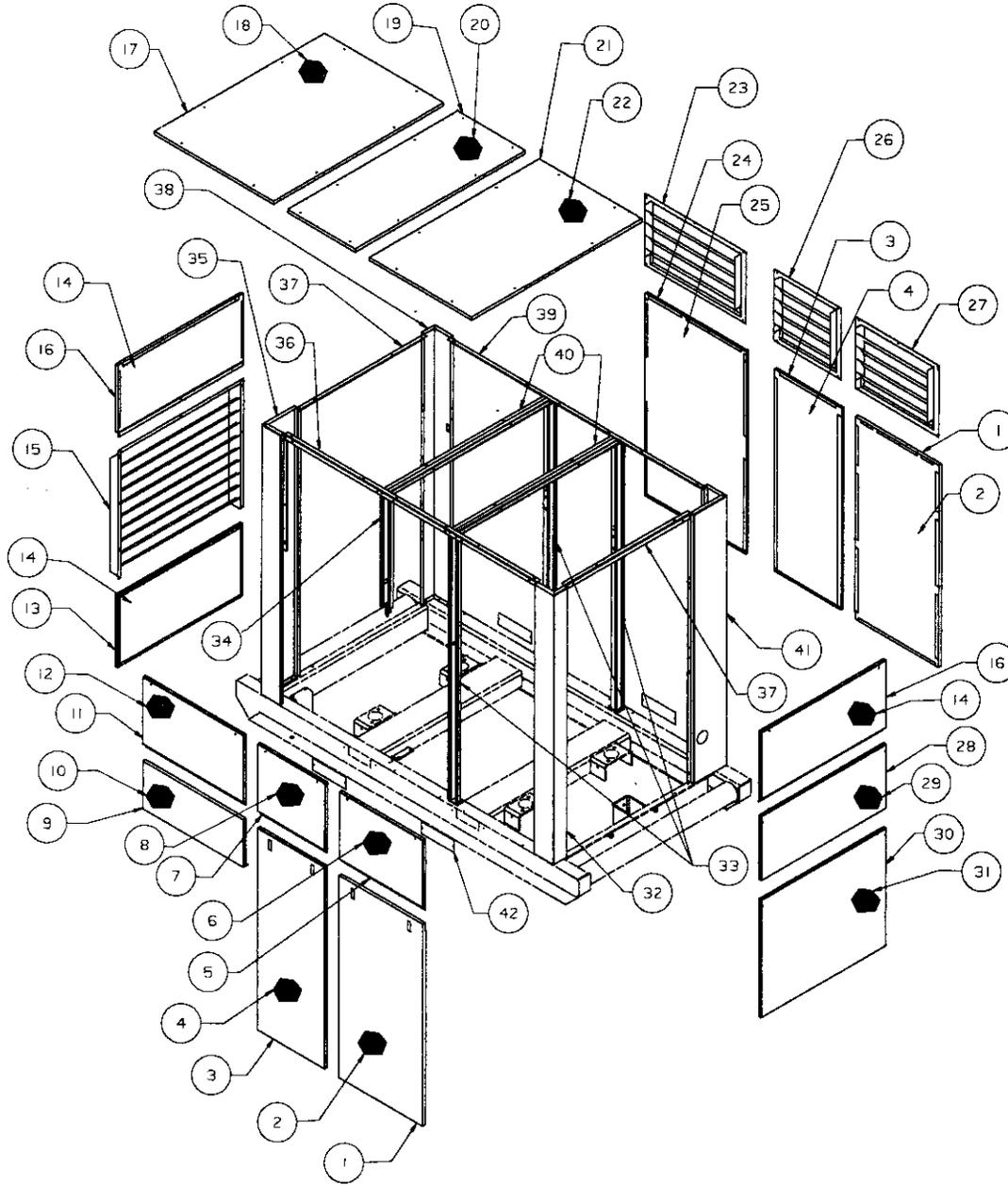
Ref. No.	Part Number	Qty.	Description	Ref. No.	Part Number	Qty.	Description
1	39798814	2	Panel, Front Right	20	39825070	1	Panel, Top Right
1A	39133954	8	Latch, Door	21	39826516	1	Foam, Top Right Panel
1B	39138490	18	Pin, Locator	22	39798475	1	Panel, Left Rear
2	39796347	2	Foam, Front Right Panel	23	39799259	1	Foam, Left Rear Panel
3	39824982	2	Panel, Common	24	39825138	1	Grill, Exhaust
4	39814488	2	Foam, Common Panel	24A	39133152	6	Screw
5	39824990	2	Panel, Front Right Strip	24B	95929071	6	Washer, Flat
6	39814991	2	Foam, Front Right Strip Panel	25	39825096	1	Panel, Right End Top
6A	35256452	42	Receptacle, Clip-On	26	39815055	1	Foam, Right Top Panel
6B	39142690	42	Screw	27	39825104	1	Panel, Right End Bottom
6C	39133145	60	Screw	28	39815063	1	Foam, Right Bottom Panel
7	39825005	2	Panel, Front Center Strip	29	39826474	1	Louver, Small Intake
8	39814983	2	Foam, Front Center Strip Panel	30	39815170	1	Corner, Right Front
9	39841572	1	Panel, Upper Front	31	39814512	3	Support, Vertical
10	39799341	1	Foam, Upper Front Panel	32	39814603	1	Support, Vertical-Short
11	39841622	2	Panel, Front Left Strip	33	39815394	1	Corner, Left Front
12	39814975	2	Foam, Front Left Strip Panel	34	39814819	1	Angle, Front
13	39825039	1	Panel, Left End Bottom	35	39814835	2	Angle, End
14	39815006	3	Foam, End Panel	36	39815402	1	Corner, Left Rear
15	39815295	1	Louver, Intake	37	39814827	1	Angle, Rear
15A	39133152	30	Screw	38	39814496	2	Support, Top
16	39825047	2	Panel, End Strip	39	39815196	1	Corner, Right Rear
17	39825054	1	Panel, Top Left	40	39479878	4	Plate, Forklift Cover
18	39814942	1	Foam, Top Left Panel	REF	39117312	x	Weatherstrip
19	39825062	1	Panel, Top Center				

NOTE:

STANDARD FASTENERS SUCH AS NUTS, BOLTS AND SCREWS ARE LISTED AS SUB-ITEMS (EXAMPLE 1A).

x - ORDER PER NUMBER OF INCHES REQUIRED

39841820
REV 05



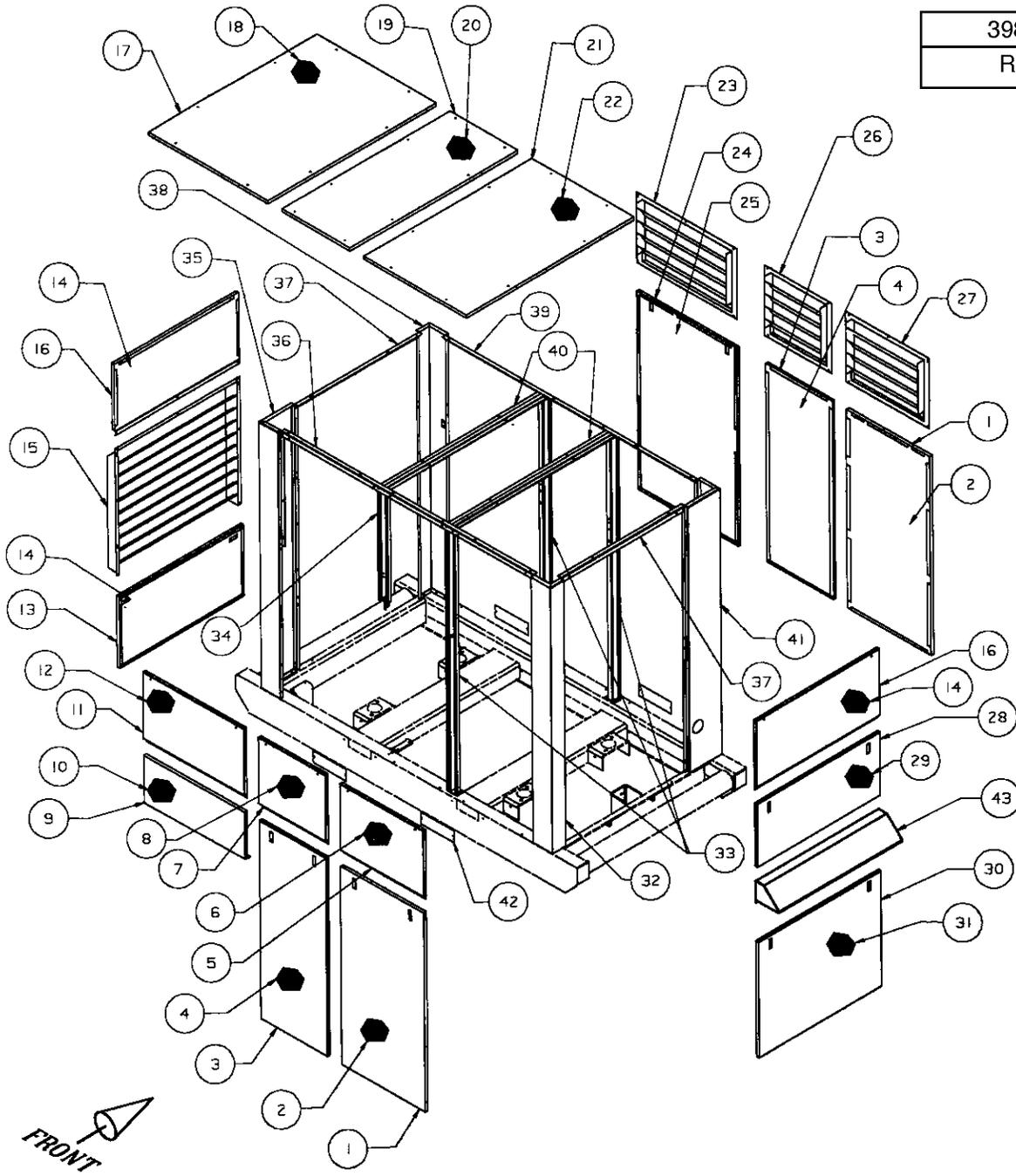
Assembly, Outdoor Modification Enclosure-Air Cooled

Ref. No.	Part Number	Qty.	Description	Ref. No.	Part Number	Qty.	Description
1	39800925	2	Panel, Front Right	20	39814959	1	Foam, Top Center Panel
1A	39133954	8	Latch, Door	21	39814801	1	Panel, Top Right
1B	39138490	18	Pin, Locator	22	39814967	1	Foam, Top Right Panel
2	39796347	2	Foam, Front Right Panel	23	39814710	1	Louver, Exhaust Left
3	39814306	2	Panel, Common	24	39800883	1	Panel, Left Rear
4	39814488	2	Foam, Common Panel	25	39799259	1	Foam, Left Rear Panel
5	39814751	1	Panel, Frt Right Strip	26	39814769	1	Louver, Exhaust Center
6	39814991	1	Foam, Frt Right Strip Panel	27	39814728	1	Louver, Exhaust Right
6A	35256452	42	Receptacle, Clip-On	28	39815022	1	Panel, Right End Top
6B	39142690	42	Screw	29	39815055	1	Foam, Right Top Panel
6C	39133145	60	Screw	30	39814744	1	Panel, Right End Bottom
7	39814694	1	Panel, Frt Com. Strip	31	39815063	1	Foam, Right Bottom Panel
8	39814983	1	Foam, Frt Com. Strip Panel	32	39815170	1	Corner, Right Front
9	39841598	1	Panel, Upper Front	33	39814512	3	Support, Vertical
10	39799341	1	Foam, Upper Front Panel	34	39841580	1	Support, Vertical-Short
11	39841614	1	Panel, Frt Left Strip	35	39841606	1	Corner, Left Front
12	39814975	1	Foam, Frt Left Strip Panel	36	39814819	1	Angle, Front
13	39815345	1	Panel, Left End Bottom	37	39814835	2	Angle, End
14	39844667	3	Foam, End Panel	38	39815402	1	Corner, Left Rear
15	39815295	1	Louver, Intake	39	39814827	1	Angle, Rear
15A	39133152	30	Screw	40	39814496	2	Support, Top
16	39814777	2	Panel, End Strip	41	39863717	1	Corner, Right Rear
17	39814785	1	Panel, Top Left	42	39473343	4	Plate, Forklift Cover
18	39814942	1	Foam, Top Left Panel	REF	39117312	*	Weatherstrip
19	39814793	1	Panel, Top Center				

NOTE: STANDARD FASTENERS SUCH AS NUTS, BOLTS AND SCREWS ARE LISTED AS SUB-ITEMS (EXAMPLE: 1A).

* - ORDER PER NUMBER OF INCHES REQUIRED

39844691
REV 03

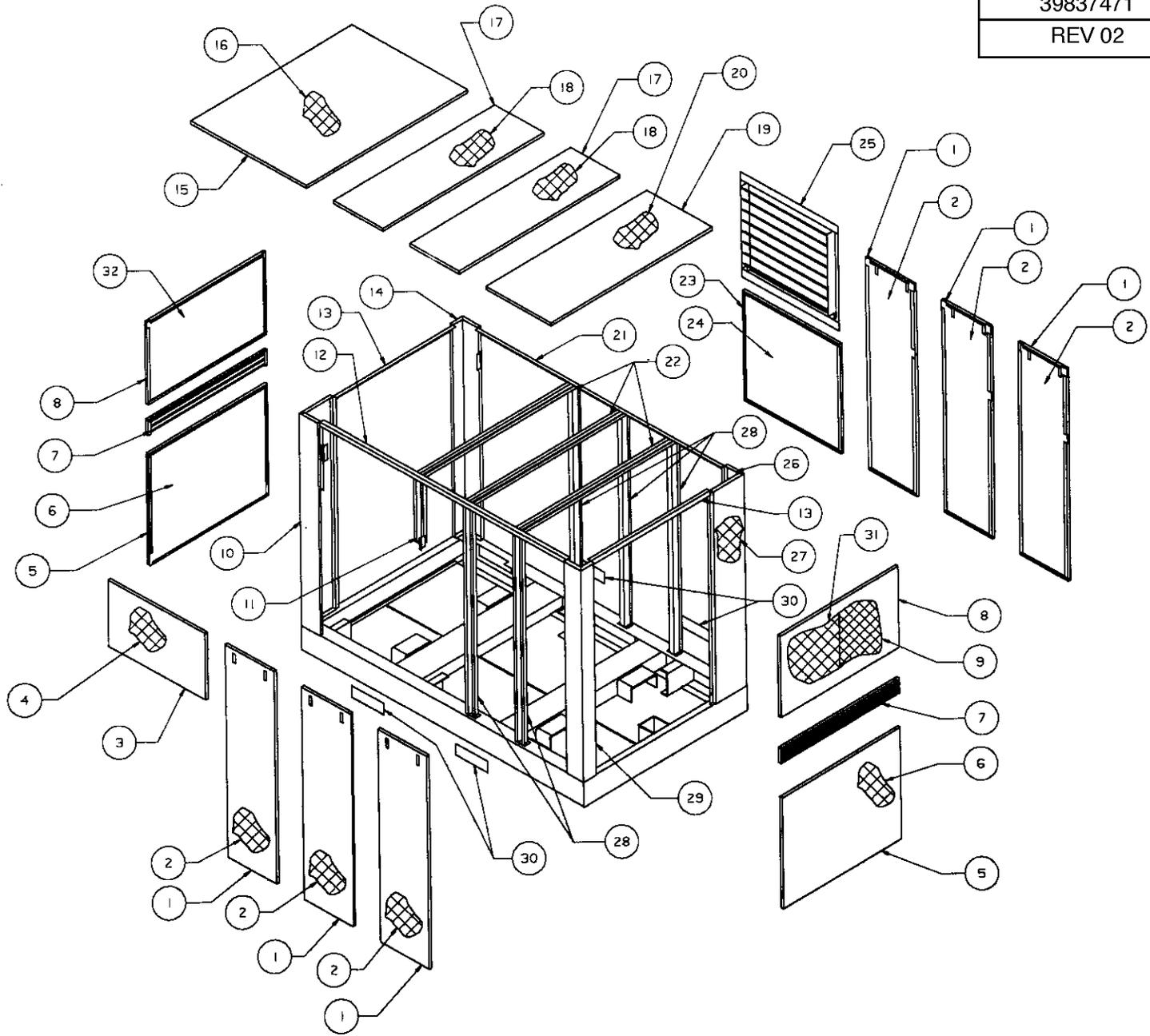


Assembly, Enclosure-Sitemaster

Ref No.	Part Number	Qty.	Description	Ref No.	Part Number	Qty.	Description
1	39800925	2	Panel, Front Right	20	39814959	1	Foam, Top Center Panel
1A	39133954	16	Latch, Door	21	39814801	1	Panel, Top Right
1B	39138490	18	Pin, Locator	22	39814967	1	Foam, Top Right Panel
2	39796347	2	Foam, Right Front Panel	23	39814710	1	Louver, Exhaust Left
3	39814306	2	Panel, Common	24	39844196	1	Panel, Left Rear
4	39814488	2	Foam, Common Panel	25	39844659	1	Foam, Left Rear Panel
5	39814751	1	Panel, Front Right Strip	26	39814769	1	Louver, Exhaust Center
6	39814991	1	Foam, Front Right Strip Panel	27	39814728	1	Louver, Exhaust Right
6A	35256452	42	Receptacle, Clip On	28	39844261	1	Panel, Right End Top
6B	39142690	42	Screw	29	39844634	1	Foam, Right Top Panel
6C	39133145	60	Screw	30	39844279	1	Panel, Right End Bottom
7	39814694	1	Panel, Front Center Strip	31	39844642	1	Foam, Right Bottom Panel
8	39814983	1	Foam, Front Center Strip Panel	32	39815170	1	Corner, Right Front
9	39841598	1	Panel, Upper Front	33	39814512	3	Support, Vertical
10	39799341	1	Foam, Upper Front Panel	34	39841580	1	Support, Vertical-Short
11	39841614	1	Panel, Front Left Strip	35	39841606	1	Corner, Left Front
12	39814975	1	Foam, Front Left Strip Panel	36	39814819	1	Angle, Front
13	39844188	1	Panel, Left End Bottom	37	39814835	2	Angle, End
14	39844667	3	Foam, End Panel	38	39815402	1	Corner, Left Rear
15	39815295	1	Louver, Intake	39	39814827	1	Angle, Rear
15A	39133152	30	Screw	40	39814496	2	Support, Top
16	39814777	2	Panel, End Strip	41	39863717	1	Corner, Right Rear
17	39814785	1	Panel, Top Left	42	39479878	4	Plate, Forklift Cover
18	39814942	1	Foam, Top Left Panel	43	39844295	1	Louver, Right End
19	39814793	1	Panel, Top Center	REF	39117312	2100"	Weatherstrip

NOTE: STANDARD FASTENERS SUCH AS NUTS, BOLTS AND SCREWS ARE LISTED AS SUB-ITEMS (EXAMPLE: 1A).

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REV 02

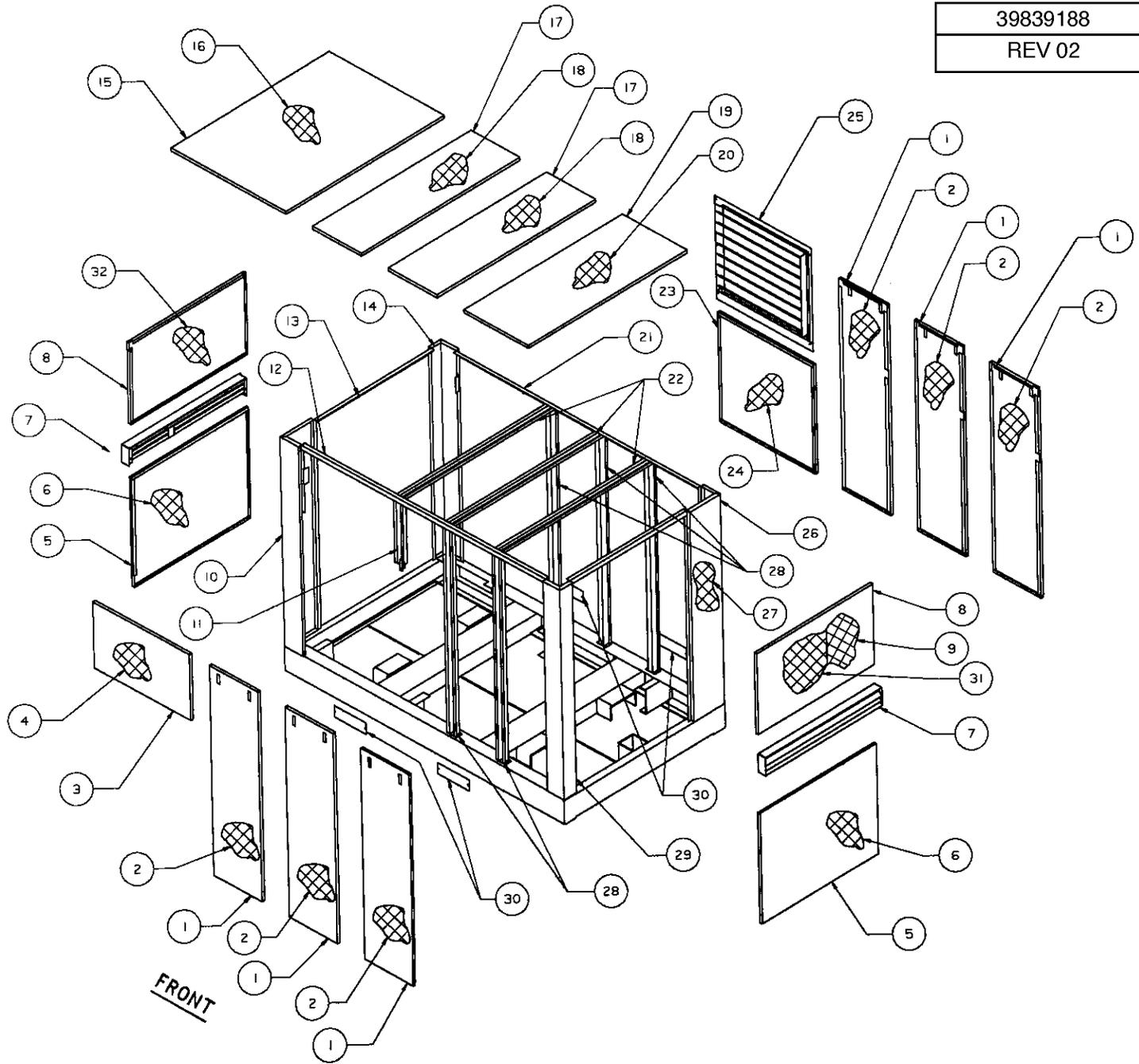


Assembly, Standard Enclosure - Water Cooled

Ref No.	Part Number	Qty.	Description
1	39834130	6	Panel, Common
1A	39133954	12	Latch, Door
1B	39138490	22	Pin, Locator
2	39835095	6	Foam, Common Panel
3	39834106	1	Panel, Upper Front
4	39835079	1	Foam, Upper Front Panel
5	39825104	2	Panel, Bottom End
6	39815063	2	Foam, Bottom Panel
7	39826474	2	Louver, Small Intake
8	39834080	2	Panel, Top End
9	39835087	1	Foam, Top End Panel
10	39836374	1	Corner, Left Front
10A	39133145	80	Screw
11	39833777	1	Support, Short Vertical
12	39832605	1	Angle, Front
13	39814835	2	Angle, End
14	39835194	1	Corner, Left Rear
15	39825054	1	Panel, Top Left
15A	35256452	40	Receptacle, Clip On
15B	39142690	40	Screw
16	39814942	1	Foam, Top Left Panel
17	39832589	2	Panel, Top Center
18	39835053	2	Foam, Top Center Panel
19	39832621	1	Panel, Top Right
20	39835061	1	Foam, Top Right Panel
21	39832613	1	Angle, Rear
22	39814496	3	Support, Top
23	39834114	1	Panel, Rear
24	39835533	1	Foam, Rear Panel
25	39832647	1	Louver, Exhaust
26	39864046	1	Corner, Right Rear
27	39839154	1	Foam, Right Rear Corner
28	39833769	5	Support, Vertical
29	39833801	1	Corner, Right Front
30	39479878	4	Plate, Forklift Cover
31	39839162	1	Foam, Top End
32	39839170	1	Foam, Left End Top
REF	39117312	2500"	Weather Strip

NOTE: STANDARD FASTENERS SUCH AS NUTS, BOLTS AND SCREWS ARE LISTED AS SUB-ITEMS (EXAMPLE: 1A).

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REV 02

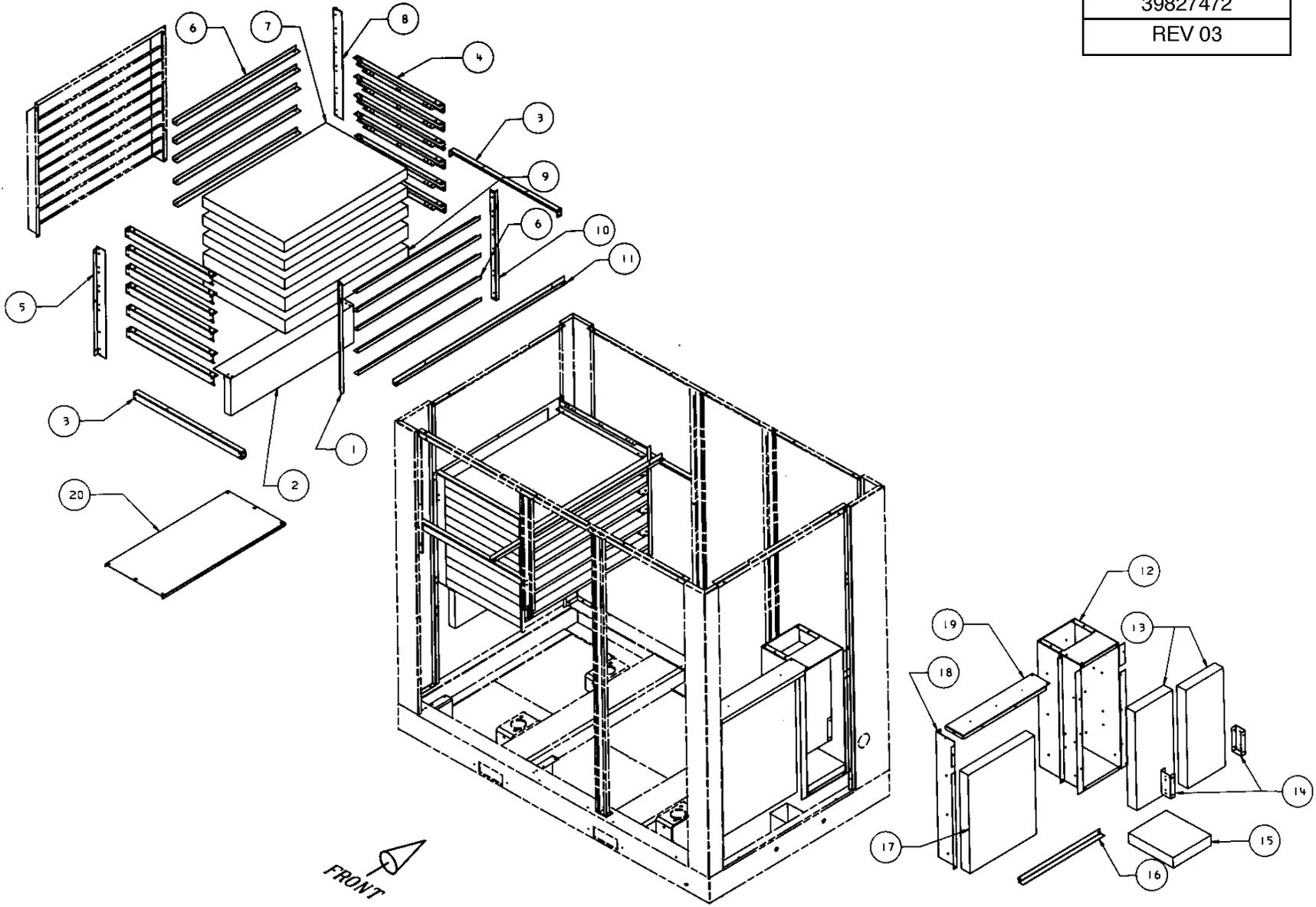


Assembly, Outdoor Modification Enclosure - Water Cooled

Ref No.	Part Number	Qty.	Description
1	39834155	6	Panel, Common
1A	39133954	12	Latch, Door
1B	39138490	22	Pin, Locator
2	39835095	6	Foam, Common Panel
3	39834148	1	Panel, Upper Front
4	39835079	1	Foam, Upper Front Panel
5	39814744	2	Panel, Bottom End
6	39815063	2	Foam, Bottom Panel
7	39839915	2	Louver, Outdoor Mod Intake
8	39834098	2	Panel, Top End
9	39835087	1	Foam, Top End Panel
10	39836374	1	Corner, Left Front
10A	39133145	80	Screw
11	39833777	1	Support, Short Vertical
12	39832605	1	Angle, Front
13	39814835	2	Angle, End
14	39835194	1	Corner, Left Rear
15	39814785	1	Panel, Top Left
15A	35256452	40	Receptacle, Clip On
15B	39142690	40	Screw
16	39814942	1	Foam, Top Left Panel
17	39832597	2	Panel, Top Center
18	39835053	2	Foam, Top Center Panel
19	39832639	1	Panel, Top Right
20	39835061	1	Foam, Top Right Panel
21	39832613	1	Angle, Rear
22	39814496	3	Support, Top
23	39834122	1	Panel, Rear
24	39835533	1	Foam, Rear Panel
25	39832647	1	Louver, Exhaust
26	39864046	1	Corner, Right Rear
27	39839154	1	Foam, Right Rear Corner
28	39833769	5	Support, Vertical
29	39833801	1	Corner, Right Front
30	39479878	4	Plate, Forklift Cover
31	39839162	1	Foam, Right End Top
32	39839170	1	Foam, Left End Top
REF	39117312	2500"	Weather Strip

NOTE: STANDARD FASTENERS SUCH AS NUTS, BOLTS, AND SCREWS ARE LISTED AS SUB-ITEMS (EXAMPLE: IA)

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REV 03

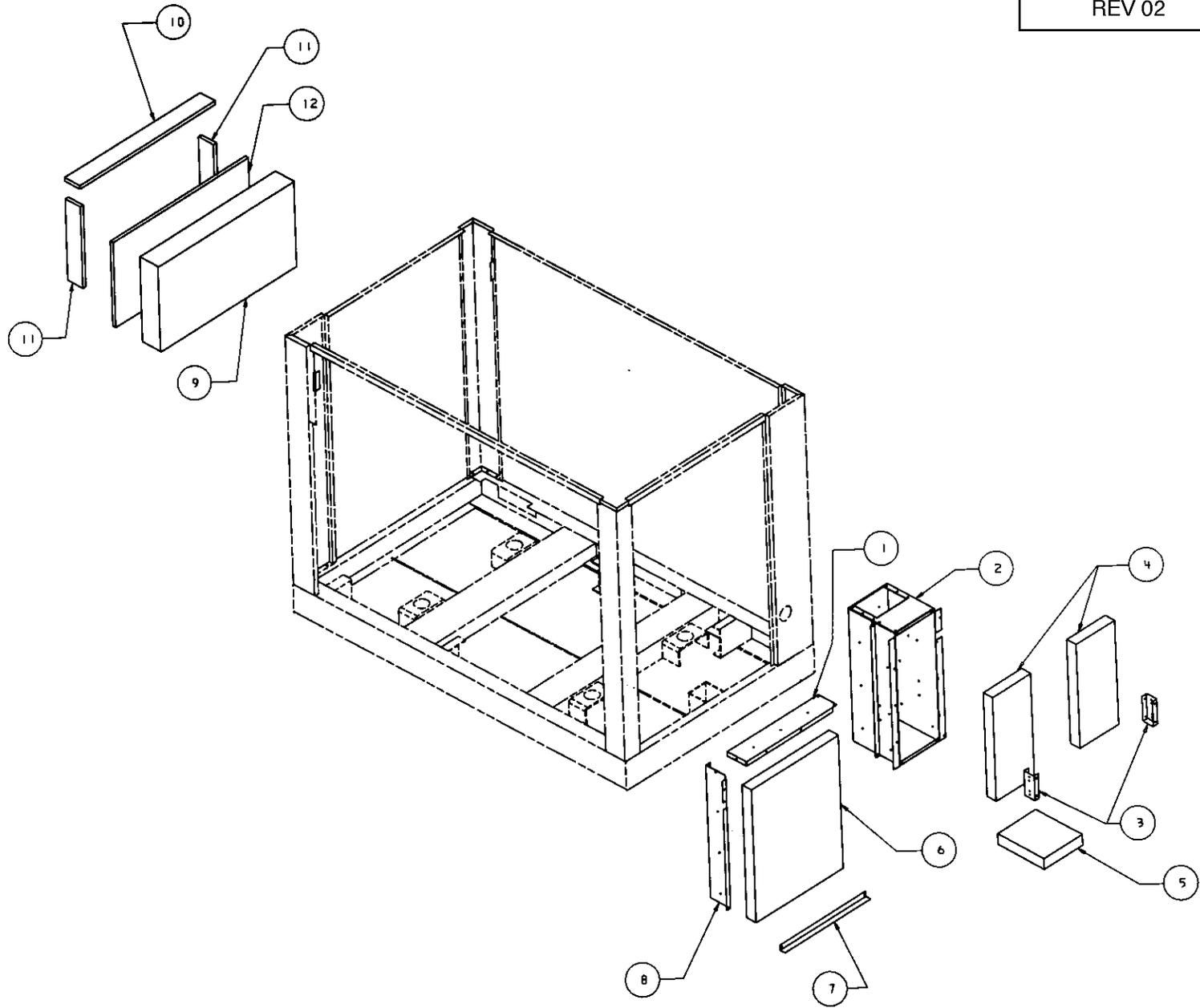


Assembly, Silencer Intake-Air Cooled

Ref No.	Part Number	Qty.	Description
1	39815477	1	Support, Front Vertical Silencer
1A	39133145	125	Screw
2	39815436	1	Baffle, Motor
2A	39815600	1	Foam, Motor Baffle
3	39815444	2	Support, Left End Silencer
4	39815451	12	Channel, Batt
5	39815410	1	Support, Left Front Silencer
6	39815493	10	Support, Batt
7	39815352	3	Batt, 3"
8	39815428	1	Support, Left Rear Silencer
9	39815360	2	Batt,4"
10	39815485	1	Support, Rear Vertical Silencer
11	39815469	1	Angle, Left Silencer
12	39858634	1	Box, Air Intake
13	39858642	2	Batt, Vertical Intake
14	39798616	2	Retainer, Batt
15	39814918	1	Batt, Intake
16	39815048	1	Angle, Right End Batt
17	39830468	1	Batt, Air Intake
18	39858626	1	Support, Right End Silencer
19	39815030	1	Retainer, Right End Batt
19A	39125539	15	Screw
20	39818141	1	Plate, Intake Bottom

NOTE: STANDARD FASTENERS SUCH AS NUTS, BOLTS, AND SCREWS ARE LISTED AS SUB-ITEMS (EXAMPLE 1A).

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REV 02



Assembly, Silencer Intake-Water Cooled

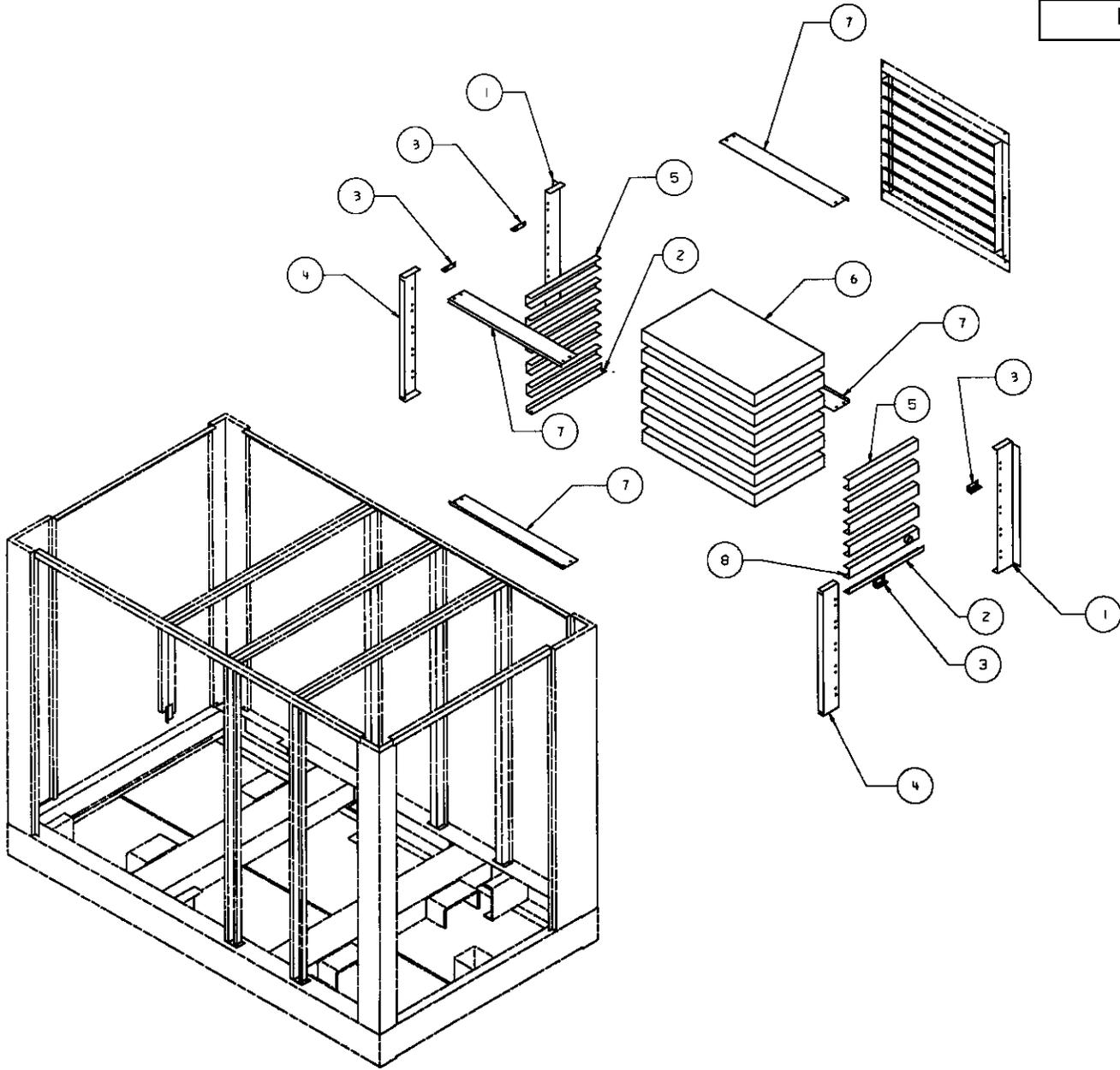
Ref No.	Part Number	Qty.	Description
1	39815030	1	Retainer, Right End Batt
1A	39125539	15	Screw
2	39858634	1	Box, Air Intake
3	39798616	2	Retainer, Batt
4	39858642	2	Batt, Vertical Intake
5	39814918	1	Batt, Intake
6	39830468	1	Batt, Air Intake
7	39815048	1	Angle, Right End Batt
8	39858626	1	Support, Right End Silencer
9	39836614	1	Box, Intake
9A	39133145	16	Screw
10	39836697	1	Foam, Top
11	39836713	2	Foam, Side
12	39836705	1	Foam, Back

Assembly, Silencer Exhaust-Air Cooled

Ref No.	Part Number	Qty.	Description
1	39815261	1	Plenum, Right
1A	39133145	80	Screw
2	39815378	1	Foam, Right Plenum
3	39815238	1	Plenum, Front
4	39815634	2	Foam, 12" Corner
5	39815253	1	Plenum, Left
6	39815386	1	Foam, Left Plenum
7	39815618	6	Foam, 5" Corner
8	39881214	1	Plenum, Rear
9	39829320	2	Channel, Exhaust Batt
10	39829379	1	Panel, Exhaust Batt
11	39829353	1	Batt, Exhaust

NOTE: STANDARD FASTENERS SUCH AS NUTS, BOLTS, AND SCREWS ARE LISTED AS SUB-ITEMS (EXAMPLE 1A)

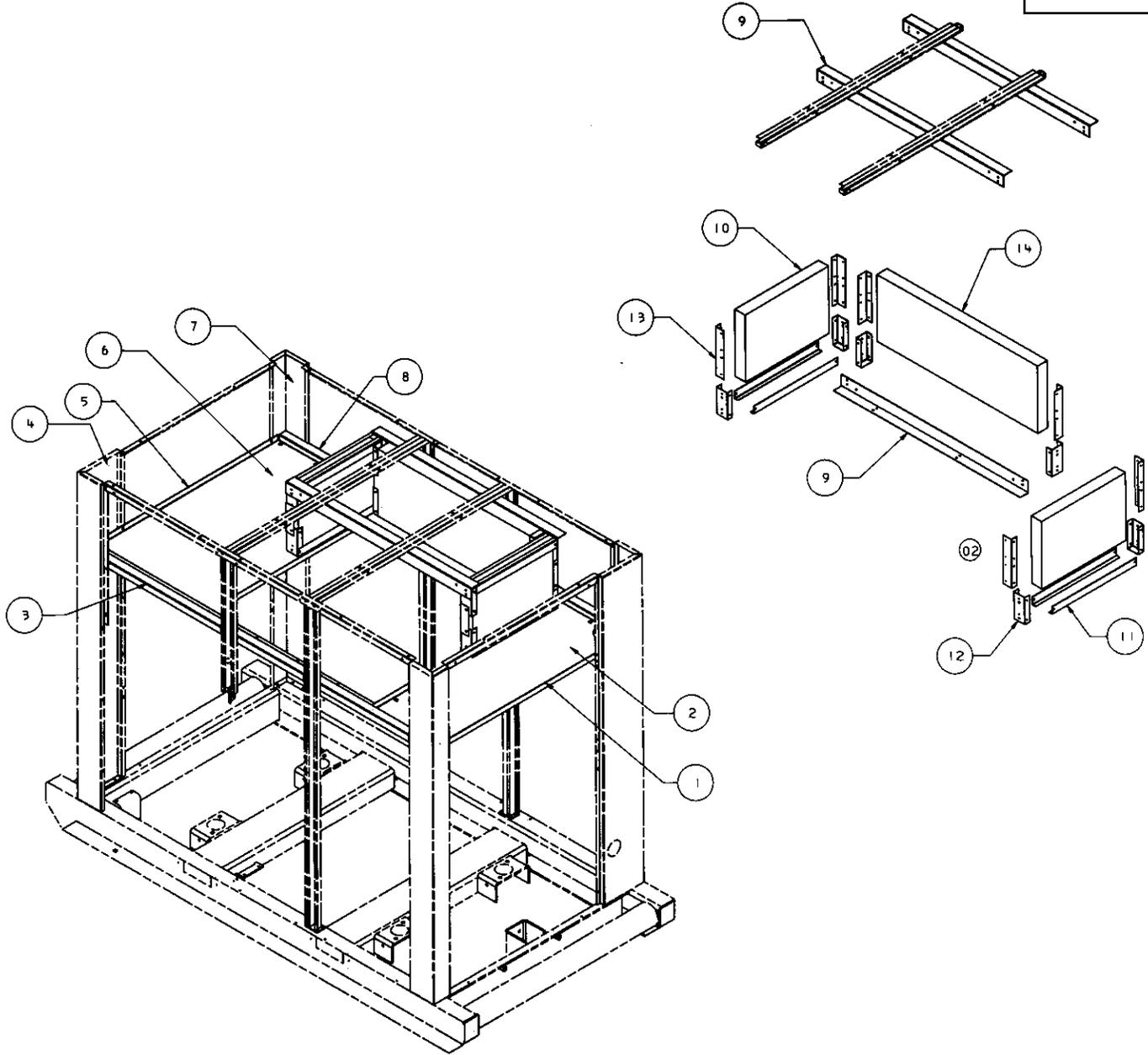
39837497
REV 02



Assembly, Silencer Exhaust-Water Cooled, All Models

Ref No.	Part Number	Qty.	Description
1	39836044	2	Support, Exhaust Box
1A	39133145	80	Screw
2	39566773	2	Batt, Angle
3	39565866	4	Angle, Exhaust Box
4	39835541	2	Corner, Exhaust Box
5	39835277	9	Channel, Batt
6	39835525	6	Batt, Exhaust
7	39835566	4	Angle, Exhaust
8	39881529	1	Channel, Batt with Tube Clearance

39814579
REV 06

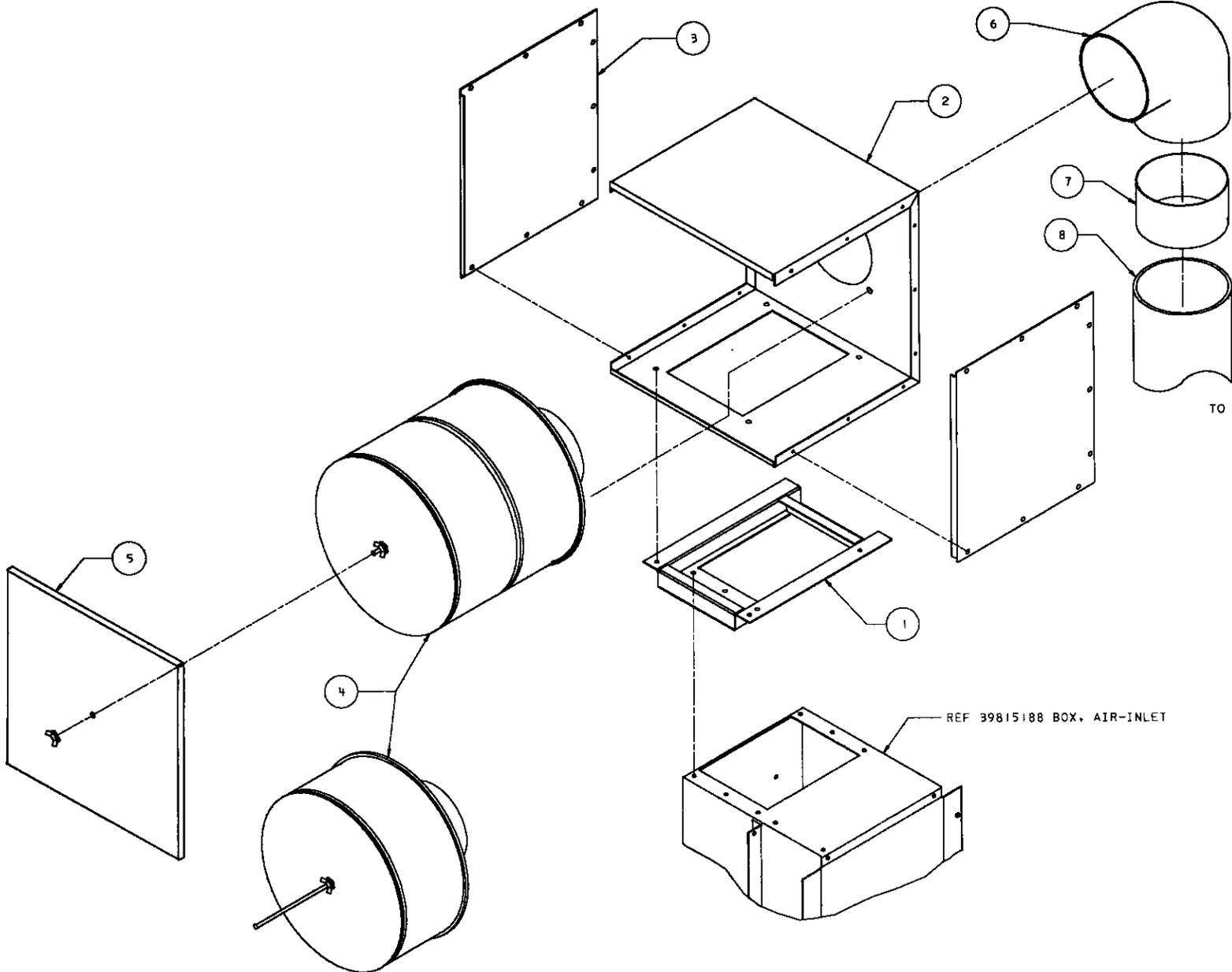


Assembly, Silencer Exhaust (Outdoor Modification/Sitemaster) - Air Cooled

Ref No.	Part Number	Qty.	Description
1	39815261	1	Plenum, Right
1A	39133145	80	Screw
1B	39145347	23	Washer
2	39815378	1	Foam, Right Plenum
3	39815238	1	Plenum, Front
4	39815634	2	Foam, 12" Corner
5	39815253	1	Plenum, Left
6	39815386	1	Foam, Left Plenum
7	39815618	6	Foam, 5" Corner
8	39881214	1	Plenum, Rear
9	39814652	3	Support, Exhaust Silencer
10	39814736	2	Batt
11	39554019	4	Brace, Batt
12	39798616	6	Retainer, Baf
13	39488804	6	Angle, Exhaust Batt
14	39818349	1	Batt, Exhaust

NOTE: STANDARD FASTENERS SUCH AS NUTS, BOLTS, AND SCREWS ARE LISTED AS SUB-ITEMS (EXAMPLE 1A).

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REV 04



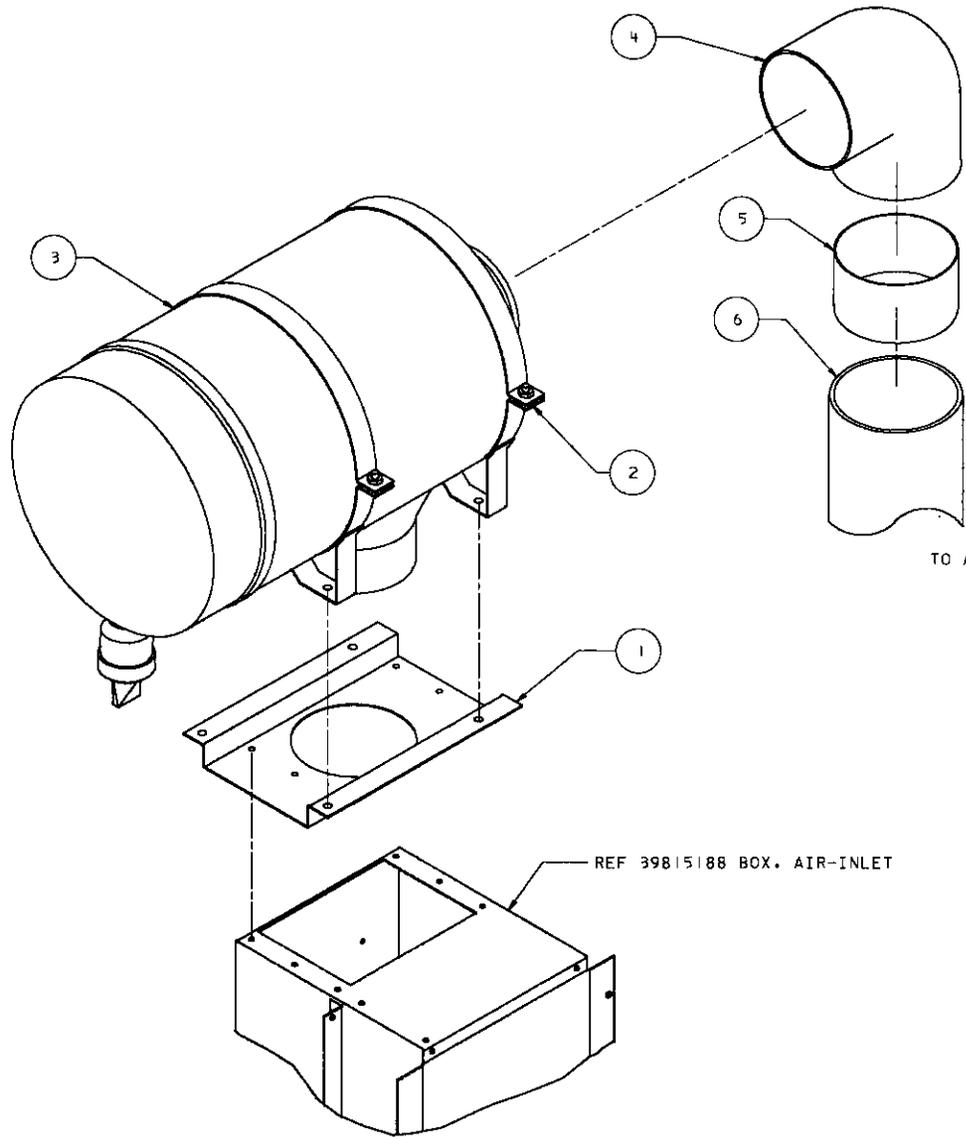
TO AIR INLET ASSEMBLY

REF 39815188 BOX, AIR-INLET

Assembly—Standard Air Filter

Ref No.	Part Number	Qty.	Description
1	39824974	1	Mount, Air Filter
1A	39133145	6	Screw
2	39825674	1	Box, Filter 3-Sides
3	39825682	2	Side, Filter Box
3A	39133145	22	Screw
3B	95929071	4	Washer
4	39825419	1	Filter, Air (150-200HP)
	39825708	1	Filter, Air (100-125HP)
5	39825088	1	Cover, Filter Box
5A	95938775	1	Nut, Wing
6	35112630	1	Elbow, Air Inlet
6A	39117536	2	Clamp, Worm Screw
7	39125968	1	Tube, 7" Air Inlet
8	39816954	1	Hose, Air Inlet
8A	39117536	2	Clamp, Worm Screw

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REV 02



TO AIR INLET ASSEMBLY

REF 39815188 BOX. AIR-INLET

Assembly, Hi-Dust Filter - Air Cooled

Ref No.	Part Number	Qty.	Description
1	39814892	1	Mount, Air Filter
1A	39133145	6	Screw
2	39485230	2	Band, Filter - 16
2A	39128475	4	Screw
2B	39128566	4	Nut
3	39814926	1	Filter, Hi-Dust
3A	35123512	1	Element, Primary
3B	35123520	1	Element, Safety
3C	35123507	1	Valve, Vacuator
4	35112630	1	Elbow, Air Inlet
4A	39117536	2	Clamp, Worm Screw
5	39125968	1	Tube, 7" Air Inlet
6	39816954	1	Hose, Air Inlet
6A	39117536	2	Clamp, Worm Screw

NOTE:

STANDARD FASTENERS SUCH AS NUTS, BOLTS, AND SCREWS ARE LISTED AS SUB-ITEMS (EXAMPLE: 1A).

O-RINGS

Part No.	Size/ Thread	ID	Width	Tube Size
39404157	7/16-20	0.351	0.072	1/4
39404132	9/16-18	0.468	0.078	3/8
39404165	3/4-16	0.644	0.087	1/2
39437074	7/8-14	0.755	0.097	5/8
39407531	1 1/16-12	0.924	0.116	3/4
39404173	1 5/16-12	1.171	0.116	1
39404140	1 5/8-12	1.475	0.118	1 1/4
39406996	1 7/8-12	1.72	0.118	1 1/2
39410279	2 1/2-12	2.337	0.118	2

RECOMMENDED SPARE PARTS LIST

HOWTO ORDER PARTS

In order that all avoidable errors be eliminated when ordering parts, please specify the following:

1. The model number of the unit as shown on the Compressor Data Plate.
2. The serial number of the unit as shown on the Compressor Data Plate.
3. The form number of this manual.
4. The reference number, part number, description and quantity needed exactly as listed.
5. The motor data code shown on the motor data plate.

TS0000 U 96 240

MANUFACTURED IN U.S.

YEAR OF MANUFACTURE

JULIAN DATE OF MANUFACTURE

SPECIAL NOTE

THE INGERSOLL-RAND AIREND MODULE IS ENGINEERED AND MANUFACTURED TO THE HIGHEST QUALITY STANDARDS. WITH REGULAR MAINTENANCE YOUR AIR COMPRESSOR SYSTEM WILL PROVIDE MANY YEARS OF TROUBLE FREE CONTINUOUS SERVICE.

CONTACT YOUR NEAREST INGERSOLL-RAND REPRESENTATIVE FOR INFORMATION, SHOULD REPLACEMENT BE REQUIRED.

SPARE PARTS

Part Description	Qty.	Part Number