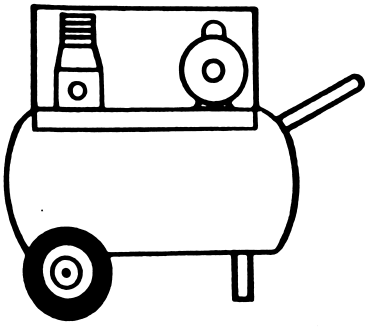
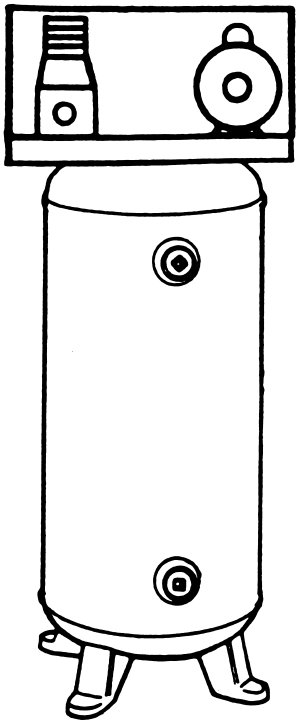
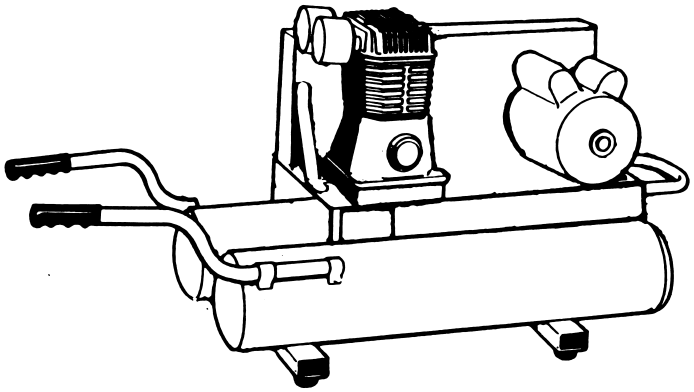
OPERATORS INSTRUCTION MANUAL

PORTABLE AND SINGLE STAGE STATIONARY ELECTRIC







THE MANUFACTURER OF THIS AIR COMPRESSOR WILL NOT BE LIABLE FOR ANY DAMAGE DUE TO FAILURE TO FOLLOW THE OPERATING INSTRUCTIONS LISTED IN THIS MANUAL.

INTRODUCTION

Congratulations on the purchase of your new air compressor. This air compressor represents the finest state of the art design and high tech engineering available. Your compressor's quality performance and trouble free operation will assure you a dependable supply of air power on demand. This manual contains detailed information regarding the operation of your new compressor. Take a few minutes and thoroughly read through this manual to familiarize yourself with proper safety, operation and maintenance procedures. By using and maintaining the air compressor as recommended in this manual a longer and safer service life will be assured.

ACCESSORIES

Our job is making yours easier. Quality and commitment is apparent from our largest compressor down through our smallest accessory. We offer a complete line of accessories and quality air tools designed for a variety of air application requirements. All tools are pre-run tested for performance characteristics, and again sampled for quality. These accessories and air tools will produce quality results every time. The use of air accessories and air tools, with your air compressor, on all jobs will maximize efficiency.

Form 200-1448-587

START UP INSTRUCTIONS:

1. Make a visual check to be sure that no damage has occured to the unit in transit.

2. Check unit serial name plate [located on base plate directly below the compressor [see Figure 1] to be sure the unit is the model ordered and rated for the pressure you intend to operate.

3. Insert the handle into the ferrules of the base or receiver and tighten or install the screws on both sides.(Por-table models only)

4. Prior to the initial starting of the compressor, check the oil level of the compressor pump. Units are shipped with break-in oil (see the "Lubrication" section under maintenance). The oil level must be maintained at the full mark at all times. Do not over fill or under fill.

5. During periods of temperatures above 32°F use a good grade SAE 30 weight non-detergent oil, and during periods of temperatures below 32° use SAE 10 weight non-detergent oil. Air compressor oil is available from your dealer in handy, one quart containers.

6. All compressors listed in this manual have electric motors equipped with overload protection.

7. Low voltage and/or an overloaded circuit can cause sluggish starting or the circuit breaker to trip. If the motor lags, circuit breakers or fuses blow and/or lights go dim, low voltage could be the cause. **BE SURE TO FURNISH ADEQUATE POWER.**

8. Make sure the Auto/Off switch is in the off position. Plug in the power cord and flip the switch to the Auto position. The unit will pump up to the factory presetting, the pressure switch will open and shut down the unit. When approximately 30 PSI of air is used, the pressure switch will close, the unit will start again and recycle. Place the switch in the Off position after each use.

9. If the unit does not operate properly, **SHUT DOWN IMMEDIATELY** and contact your nearest Service Center or call the factory's Customer Service Department.

10. Unplug the power cord from the outlet and check all of the connections making sure they are tight. A small air leak in your hose or piping connections will make a big difference in the performance of your compressor. **CAUTION:** Before attempting any type of service work, unplug the power cord and release all of the air pressure from the system.

11. Before putting your new compressor to work, open the petcock on the bottom of the receiver and run it for about 30 minutes under no-load to lubricate the internal moving parts and break it in properly.

12. Your air compressor should be located in an area where a clean, dry air supply is available for the compressor pump and electric motor.

13. The air filter elements should be checked daily, cleaned and changed frequently. Locate the compressor in a clean environment to avoid any internal contamination. Direct exposure to dusty conditions and painting areas could void your warranty.

14. After unit break-in, fill out enclosed Warranty Registration card and return, by mail, to the factory.

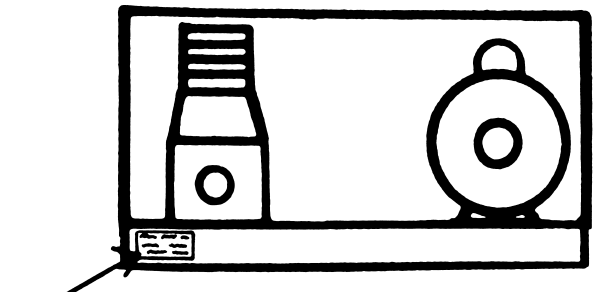


Figure 1

SAFETY INFORMATION

1. **WARNING !** This unit starts automatically. Never do any service work on the compressor without first removing the electrical cord from the outlet and bleeding all of the air from the system.
2. **WARNING ! Do not readjust the pressure switch or the relief valve for any reason.** They have been preset at the factory for the maximum pressure of this unit.
3. Pull the relief valve ring periodically to insure that it is functioning properly and to clear the valve of any possible obstructions.
4. In order to provide proper ventilation for cooling, the unit must be kept a minimum of twelve inches [12"] away from the closest wall in a well ventilated area.
5. Avoid the use of an extension cord, use a longer air hose rather than an extension cord.
6. Fasten the compressor down if transporting is necessary.
7. Protect the air hose and the electric cord from damage or puncture. Inspect periodically for weak or worn spots and replace if necessary.
8. After a few days of operation, remove the belt guard, adjust the belt tension, tighten all of the fittings and check all other bolts to make sure that they are tight. A periodic inspection of these areas is also recommended. (Belt driven models only)
9. **BE SURE TO RE-INSTALL THE GUARD.** All moving parts must be guarded.
10. **WELDING or any other alterations to this unit will void all warranties.**
11. **CAUTION** - High temperatures may be generated by the electric motor and the compressor pump. Keep children away from the unit to prevent possible burns or other injuries.
12. **Drain the moisture from the receivers on a daily basis.** A clean, dry receiver will help guard against corrosion.
13. **CAUTION** - Never directly inhale the compressed air produced by a unit.
14. Be certain to read all labels when you are spraying paints or poisons and follow the safety instructions. Use a respirator mask if there is a chance of inhaling anything you are spraying. Read all instructions and be sure that your respirator mask will protect you.
15. **CAUTION** - Never point any nozzle or sprayer toward a person or any part of the body.
16. **Always** wear safety goggles or glasses when using an air compressor.
17. Turn the air compressor off and release air pressure from the hose before attaching or removing accessories.

MOTOR OVERLOAD PROTECTION

This unit is equipped with a motor overload protector to help prevent possible motor burn outs. If the motor is epuipped with manual reset, becomes overheated, and stops; let it cool 10 to 15 minutes and then depress the overload protector button on the motor. CAUTION: If the motor is equipped **with automatic reset, it will start automatically, without warning, after the motor has cooled.** As proper voltage is important, plug the electric power cord directly into the outlet. Use a longer air hose rather than an extension cord. The unit will draw nearly two times its serial tag amperage rating momentarily when starting. Use time delay fuses with this product.

GROUNDING INSTRUCTIONS:

This product should be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the electric current. This product is equipped with a cord having a grounding wire with an appropriate grounding plug. The plug must be plugged into an outlet that is properly installed and grounded in accordance with all local codes and ordinances.

DANGER - Improper installation of the grounding plug can result in a risk of electric shock. If repair or replacement of the cord or plug is necessary, do not connect the grounding wire to either flat blade terminal. The wire insulation having an outer surface that is green with or without yellow stripes is the grounding wire.

Make sure that the product is connected to an outlet having the same configuration as the plug - see Figure 2. No adapter should be used with this product.

Check with a qualified electrician or serviceman if the grounding instructions are not completely understood, or if in doubt as to whether the product is properly grounded. Do not modify the plug provided; if it will not fit the outlet, have the proper outlet installed by a qualified electrician.

Figure 2 - Grounding Method

EXTENSION CORDS:

Use only a 3-wire extension cord that has a 3-blade grounding plug, and a 3-slot receptacle that will accept the plug on the product. Make sure your extension cord is in good condition. When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. If in doubt, use the next heavier gauge. The smaller the gauge number, the heavier the cord.

If an extension cord must be used, the following size is recommended:

25' cord length - not less than 14 gauge wire
50' cord length - not less than 12 gauge wire
100' cord length - not less than 10 gauge wire

MAINTENANCE

CAUTION: Always disconnect the power and de-pressurize the receiver before attempting any type of service work on the air compressor or any component utilized in the air system.

Regular maintenance will insure trouble-free operation. Your air compressor represents the finest engineering and construction available, however the finest machinery requires periodic maintenance. The following items listed should be inspected on a regular basis.

1. **LUBRICATION:**

Always operate the unit in a level position. Prior to the initial starting of the compressor, check the oil level of the compressor pump. Air compressors are shipped with break-in oil which should be changed after running the unit for about 8 hours. Check the oil level frequently and change the oil every 50 working hours. When checking the oil, the dipstick must be screwed in finger tight, [figure 3], or pushed in, [figure 4], or remove the oil fill plug and visually check that the oil comes up to the bottom threads, [Figure 5]; depending onthe size of the compressor.

Figure 3 - Screw In

Figure 4 - Push In

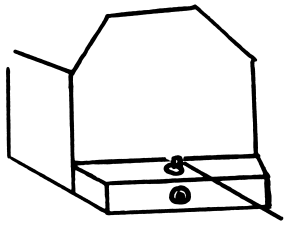


Figure 5

*CAUTION: Do not overfill or underfill compressor. Use non-detergent oil only!

2. **DRAIN RECEIVER:**

CAUTION: Disconnect the power source and de-pressurize the receiver by pulling the pressure relief valve ring on the control console.
Condensation will build up in the compressor receiver. This condensation should be drained at the end of every working day. The unit should be sitting level or tilted slightly towards the drain end. To drain the receiver, open the drain petcock located on the bottom.

3. **CLEAN AIR FILTER:**

Dirty filter elements will reduce the compressor's performance and life. Check and clean this area frequently. Internal felt pad filters can be washed out with soapy water or blown out with air. The elements inside of the external canister filters should be blown out with air. Do not allow the elements to become filled with oil or paint and replace them on a regular basis.

4. **TEST FOR LEAKS:**

A small air leak in your hose or piping connections will make a big difference in the performance of your compressor. If a leak is suspected, brush a small amount of soapy water around the area. If bubbles appear, reseal and retighten the connection.

DRIVE BELTS (Belt Driven Models)

Proper belt tension and pulley alignment must be maintained for maximum drive efficiency and belt life. The correct tension of the belt exists when a deflection of one inch [1''] occurs by placing a slight pressure midway between the motor pulley and the compressor flywheel. [Figure 6] This deflection can be adjusted by using the following procedure:

1. Remove the belt guard.
2. Loosen the electric motor mounting bolts.
3. Shift the motor to the point where the correct deflection exists.
4. Retighten the motor mounting bolts.
5. Check to assure that the tension remained correct.
6. Re-install the belt guard. All moving parts must be guarded.

PULLEYS (Belt Driven Models)

Check the pulley by placing a straightedge against the compressor flywheel, [Figure 7]. Measure the distance from the straightedge and the center of the drive belt groove at points A, B and C. The distance should be the same at all three points. If any of the these measurements varies, there is a misalignment which must be corrected before the compressor is run, [figure 8]. To correct a belt misalignment, use the following procedure:

1. Remove the belt guard.
2. Loosen the motor mounting bolts.
3. Loosen the set screw on the motor pulley.
4. Align the motor pulley with the compressor flywheel, [Figure 7].
5. Retighten the motor pulley set screw.
6. Adjust the proper belt tension as stated above.
7. Retighten the motor mounting bolts.
8. Re-install the belt guard. All moving parts must be guarded.

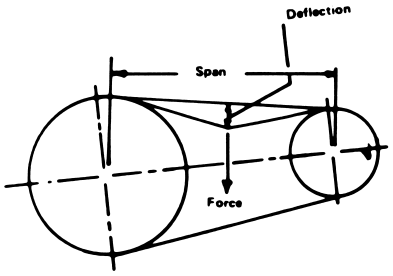


Figure 6

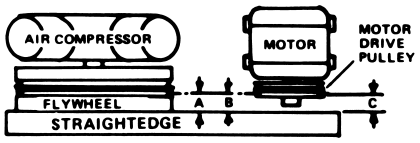


Figure 7

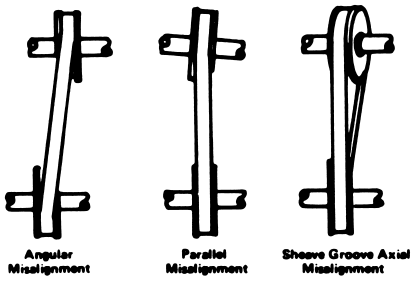


Figure 8

STORAGE INSTRUCTIONS

Before storing the air compressor for any length of time, there are a few things which should be done.

1. Disconnect the power cord from the electrical outlet and coil the cord up.
2. Using an air hose and blow-gun, blow all dust and debris from the unit.
3. Pull the pressure relief valve ring to release all pressure from the receiver.
4. Remove and inspect the filter elements. Replace them if they are dirty.
5. Clean the filter housing and re-install filters.
6. Drain the old oil from the compressor crankcase and refill to the proper level with air compressor oil.
7. Drain all moisture from the tank [see the "Maintenance" section].
8. Cover the entire unit to protect it from moisture and dust.

TROUBLE SHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
Low Discharge Pressure	1. Air leaks	1. Tighten or replace fittings or connections.
	2. Leaking valves	2. Replace worn parts and reassemble with new gaskets.
	3. Restricted air intake	3. Clean or replace the air filter elements.
	4. Blown gaskets	4. Replace any gaskets that are found to be faulty.
Low Compression	1. Worn rings or cyl. walls	1. Rehone the cylinder walls and replace the rings.
	2. Leaking valves	2. Replace worn parts and reassemble with new gaskets.
Pump Knocking	1. Loose motor pulley and/or compressor flywheel	1. Retighten the pulley and the flywheel.
	2. Lack of oil in crankcase	2. MAINTAIN the oil in the crankcase to the full mark at all times.
	3. Excess carbon on valves or the top of the piston	3. Clean thoroughly or replace carbonized parts.
Oil In Discharge Air	1. Worn rings or cyl. walls	1. Rehone the cylinder walls and replace the rings.
	2. Restricted air intake	2. Clean or replace the air filter elements.
	3. Oil level too high	3. Do not overfill with oil. Use a non-detergent oil.
Abnormal Piston, Ring or Cylinder Wear	1. Dusty operating conditions	1. Operate in a clean environment and change the oil and air filter elements frequently.
	2. Improper oil weights	2. Use SAE 30 in temperatures above 32°F. Use SAE 10 in temperatures below 32°F. (Use Non Detergent oil only)
Heating	1. Poor ventilation	1. Relocate the compressor to an area with cool, dry and well circulated air.
	2. Dirty cooling surfaces	2. Clean all cooling surfaces of the pump thoroughly.
	3. Leaking or broken valves	3. Replace worn or inoperative parts.
	4. Incorrect pulley rotation	4. When facing the flywheel side of the pump, the direction of rotation should be counter-clockwise [or as shown by the arrow on the flywheel]. If incorrect, consult a competent electrician to have the motor reversed.
Excessive Belt Wear	1. Pulley out of alignment	1. Realign the pulley with the compressor flywheel.
	2. Improper belt tension	2. Readjust the belt tension [see Maintenance].
	3. Bent pulley	3. Replace the pulley and check for a damaged crank or flywheel.
Excessive Starting and Stopping	1. Air leaks	1. Tighten or replace leaking fittings or connections.
	2. Worn rings	2. Rehone the cylinder walls and replace the rings.
	3. Leaking or broken valves	3. Replace worn or inoperative parts and reassemble with new gaskets.
Draws Excessive Current Trips Circuit Breaker	1. Low voltage/overloaded motor	1. Furnish adequate power.
	2. Excessive wire length	2. Consult electrician.
	3. Overtight drive belt	3. Readjust the belt tension [see Maintenance].
	4. Restricted air passages	4. Replace the check valve.
	5. Back pressure in compressor head	5. Replace the check valve.
Stall	1. Overloaded motor	1. Furnish adequate power.
	2. Bad check valve	2. Replace the check valve.
	3. Seized pump	3. Contact your nearest Service Center.

NOTE: Trouble shooting problems may have similar causes and solutions.

REGULATOR CONTROL

This unique control is designed for safety, convenience and trouble-free operation. With this control you can dial the proper amount of air pressure needed for regulated applications. The control consists of:

1. **Regulator control knob** - The line pressure is increased by turning this knob clockwise. The air pressure to the line can be shut off by turning the knob completely counterclockwise.

2. **Regulated air pressure gauge** - This gauge conveniently shows the line pressure that is regulated by the Regulator control knob. **Do not turn the knob after the gauge stops at the maximum pressure.**

3. **Pressure relief valve** - The pressure relief valve, located on the control panel, is used to depressurize the receiver. Hold the pull ring open until ALL pressure is released.

4. **Auto/Off switch** - When the switch lever is in the Off position [down] the motor will not run. When the lever is in the Auto position [up] the unit will cycle automatically on air demand. Make certain the switch is in the Off position after each use.

The receiver pressure gauge is located directly below the Regulator control panel. This gauge shows the air pressure [P.S.I.] in the receiver This is **not** the air pressure delivered to the line.

GENERAL INFORMATION

Air Compressor Pump: To compress air, the pistons move up and down in the cylinders. On the downstroke, air is drawn in through the air intake filter and then through the air intake valves. The exhaust valve remains closed. On the upstroke of the piston, air is compressed. The intake valves close and compressed air is forced out through the exhaust valve, through the outlet tube, through the check valve and into the air tank. Working air is not available until the compressor has raised air tank pressure above that required at the air outlet.

Check Valve: When the air compressor is operating, the check valve is "open", allowing compressed air to enter the air tank. When the air compressor reaches "cut-out" pressure, the check valve "closes", allowing air pressure to remain inside the air tank.

Pressure Relief Valve: If the pressure switch does not shut off the air compressor at, or near its cut-out pressure setting, the pressure relief valve will protect against high pressure by "popping out" at its factory-set pressure (slightly higher than the pressure switch cut-out setting).

Pressure Switch: The pressure switch automatically starts the motor when the air tank pressure drops below the factory set "cut-in" pressure. It stops the motor when the air tank pressure reaches the factory set "cut-out" pressure.

Bleeder Valve: The bleeder valve located on the side of the pressure switch, is designed to automatically release compressed air from the compressor head and the outlet tube when the air compressor reaches "cut-out" pressure or is shut off. The bleeder valve allows the motor to restart freely. When the motor stops running, air will be heard escaping from the valve for a few seconds. No air should be heard leaking when the motor is running.

Dual Control Operation (For Applicable Models Only): Installed at the receiver, the discharge unloader provides the necessary valving for continuous Run or Start/Stop Operation.

Start/Stop Operation: Loosen the wing nut and rotate pilot screw clockwise (Figure 9, Ref. A), then retighten wing nut.

Continuous Run Operation: Loosen the wing nut and rotate pilot screw counterclockwise (Figure 9, Ref. B), then retighten wing nut.

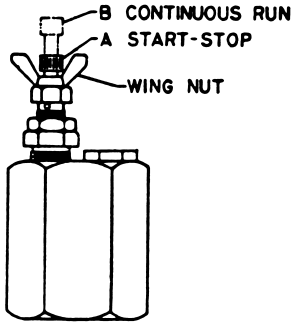


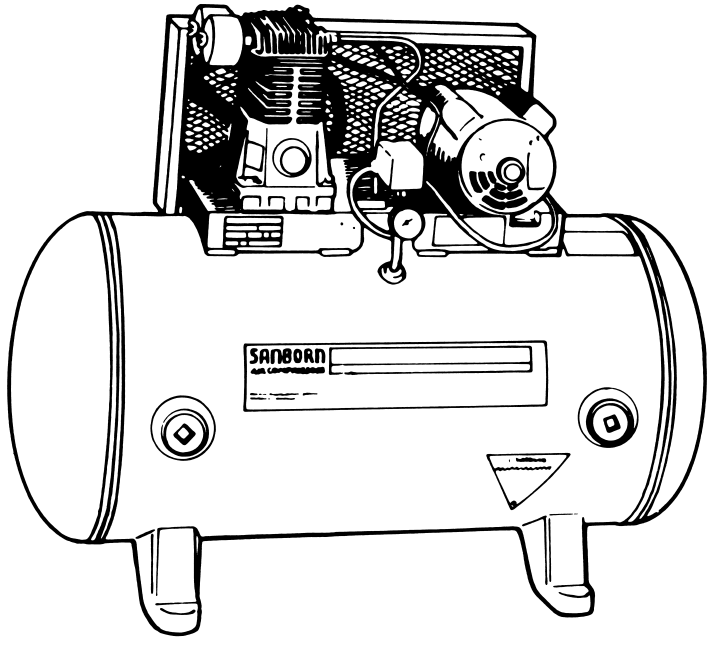
Figure 9

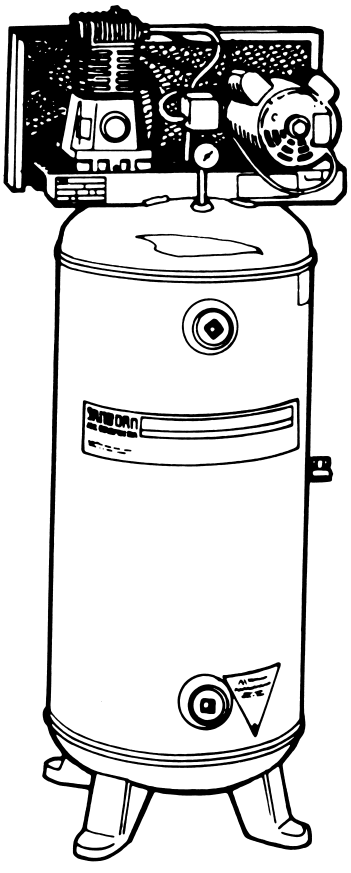
PARTS MANUAL

SANBORN
AIR COMPRESSORS

TWIN CYLINDER ELECTRIC SERIES

400B
500B
500BP

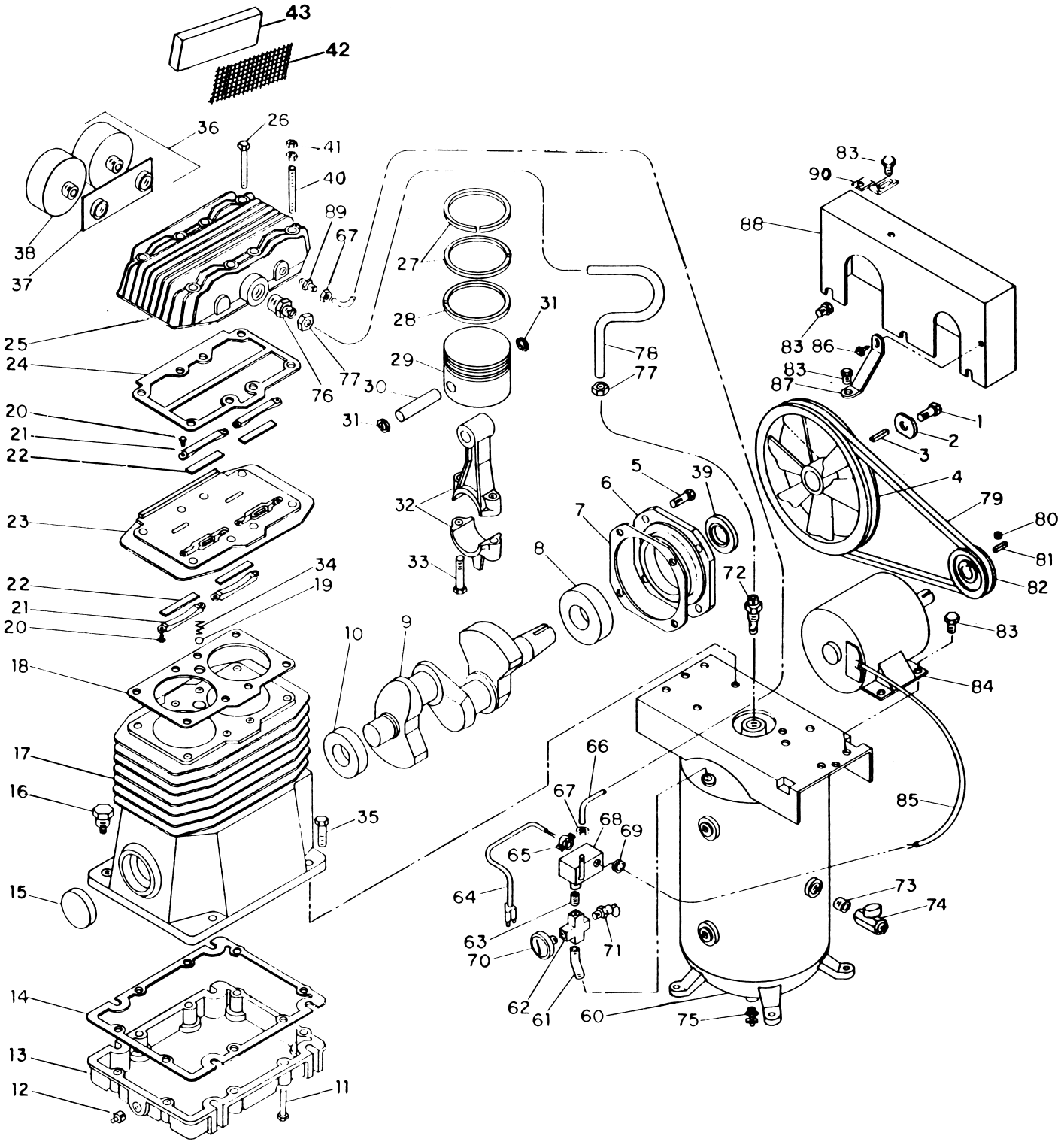




CAUTION:

Read the operator's manual carefully before attempting to operate or service this unit! FAILURE TO COMPLY WITH INSTRUCTIONS COULD RESULT IN: VOIDING OF YOUR WARRANTY, PERSONAL INJURY, AND/OR PROPERTY DAMAGE! Sanborn air compressors are precision built from the finest materials and with proper care and maintenance will perform efficiently.

ASSEMBLY BREAKDOWN



PARTS LIST

COMPRESSOR PUMP REPLACEMENT PARTS			
ITEM	PART NO.	DESCRIPTION	QTY.
1	059-0002	Bolt, 5/16'' NC x 1'' long	1
2	060-0053	Flywheel washer	1
3	146-0001	Key, 3/16'' sq. x 1'' lg.	1
4	044-0040	Flywheel, 12'' O.D. B-width	1
5	059-0143	Bolt, 5/16''NC x 7/8'' lg.	4
6	045-0037	Bearing carrier	1
7	046-0149	Bearing carrier gasket	1
8	051-0043	Open bearing	1
9	053-0043	Crankshaft	1
10	051-0013	Open bearing	1
11	059-0145	Bolt, 1/4'' NC x 1-1/4'' long	8
12	062-0002	Pipe plug, 1/8''NPT	1
13	077-0065	Crankcase base	1
14	046-0150	Crankcase base gasket	1
15	062-0043	Expansion plug, 1-3/4'' diameter	1
16	056-0019	Dipstick	
17	049-0023	Crankcase	1
18	046-0152	Cylinder gasket	1
19	079-0014	Ball seat, 3/8'' diameter	1
20	061-0038	Screw, # 6 x 5/16''	8
21	155-0029	Stop bar	4
22	155-0020	Flex leaf valve	4
23	043-0126	Valve plate	1
24	046-0151	Head gasket	1
25	042-0068	Head	1
26	059-0144	Bolt, 5/16'' NC x 2-½''long	7
27	054-0090	Compression ring, 2-¾''	4
28	054-0115	Oil control ring, 2-¾''	2
29	048-0046	Piston, 2-¾'' O.D.	2
30	052-0024	Wrist pin	2
31	054-0110	Wrist pin retaining ring	4
32	047-0043	Connecting rod	2
33	059-0142	Bolt, 5/16'' NC x 1-½'' long	4
34	055-0047	Breather spring	1
35	059-0146	Bolt, 5/16'' NC x 2-1/4'' long	4
36	019-0090	Complete filter assembly [item nos. 37 & 38]	1
37	019-0096	Filter plate	1
38	019-0049	Filter canister with element	2
	019-0053	Replacement filter element [use inside canister 019-0049]	2
39	046-0161	Oil seal	1
40	059-0151	Stud Bolt	1
41	058-0005	5/16'' Nut	2
42	118-0017	Filter Screen (Felt Filtered Models)	1
43	019-0052	Inlet Filter (Felt Filtered Models)	1

TANK ASSEMBLY REPLACEMENT PARTS			
ITEM	PART NO.	DESCRIPTION	QTY.
60	021-0099	44 Gallon Vertical Tank ASME	1
60	153-0005	30 Gallon Vertical Tank ASME	1
60	021-0050	60 Gallon Vertical Tank ASME	1
60	021-0051	60 Gallon Horizontal Tank ASME	1
61	065-0044	Nipple, ¼'' NPT x 4'' long Vertical models	1
61	065-0043	Nipple ¼'' x 4'' Horizontal models	1
62	028-0004	Brass cross, ¼'' NPT	1
63	065-0031	Nipple, ¼'' NPT close	1
64	026-0007	Power supply cord 230v 15 amp	1
64	026-0038	Power supply cord, CSA 230 volt, 15 amp	1
65	071-0002	Strain relief connetion	1
66	145-0084	Bleeder tube ¼'' O.D. x 16'' long	1
67	058-0017	¼'' Compression nut & sleeve	2
68	034-0032	Pressure switch, Domestic	1
68	034-0026	Pressure switch, CSA	1
69	093-0001	Rubber grommet	1
70	032-0002	Gauge, 200 PSI ¼'' back connect	1
71	136-0022	Pressure relief valve 130 ASME	1
72	031-0035	Submergible check valve, ½'' NPT, ½'' tube	1
73	065-0032	Nipple, 3/8'' NPT close	1
74	073-0007	Quarter turn valve 3/8'' NPT	1
75	072-0001	Petcock, ¼'' NPT	1
76	068-0009	Male conn. ½'' NPT x ½'' tube	1
77	058-0016	½'' Compression nut & sleeve	2
78	145-0092	Transfer tube, ½''OD	1
79	008-0036	V-belt, 5L540	1
80	061-0006	Set screw, 5/16'' NC x 3/8'' long	1
81	146-0016	Key, 3/16'' sq. x 1'' long	1
82	006-0085	Pulley 3.95'' OD x 5/8'' Bore B-width for 5 HP Models	1
82	006-0023	Pulley 3.35'' OD x 5/8'' bore B-width, for 4 HP Models	1
83	059-0012	Lock bolt, 5/16'' - 18 x ½'' long	9
84	160-0015	Motor, 4 HP.	1
84	160-0018	Motor, 5 HP	1
85	026-0063	Interconnecting cord, 14/2 x 21'' long	1
86	061-0005	Sheet metal screw, No. 10 x ¾ long	1
87	114-0006	Belt guard bracket	1
88	142-0033	Belt guard	1
89	068-0002	Male connector, 1/8'' NPT x ¼'' OD tube	1
90	114-0123	Belt guard bracket	1

REPLACEMENT PARTS, PORTABLE MODELS		
153-0023	30 gallon ASME/CSA portable tank	1
095-0001	Wheel, 10'' x 1.75''	2
033-0002	Hubcap, 5/8''	2
112-0002	Handle	1
094-0002	Vibration isolater	1

ASSEMBLIES-KITS-SETS	
040-0093	Pump assembly, 165 Sanborn
165-0055	Overhaul kit, [includes gasket set, ring set, valves w/screws, & filter element] (Canister filtered models)
165-0050	Overhaul kit, [includes Gasket Set, Ring Set,Valves w/ screws and Filter Element](Felt filtered models)
054-0112	Complete ring set
046-0159	Complete gasket set
043-0089	Valve plate assembly

ONE YEAR LIMITED WARRANTY

Sanborn Manufacturing Company (the Company) warrants, that for a period of twelve (12) months from the date of purchase, it will replace or repair, free of charge, for the original retail purchaser only, any part or parts, manufactured by the Company, found upon examination by the Company at Springfield, Minnesota, to be defective in material or workmanship or both. All transportation charges for parts submitted for replacement or repair under this warranty must be borne by the original retail purchaser. This is the exclusive remedy under this warranty.

Failure by the original retail purchaser to install, maintain and operate said equipment in accordance with good industry practices and failure to comply with the specific recommendations of the Company set forth in the owner's manual, shall render this warranty null and void. The Company shall not be liable for any repairs, replacements or adjustments to the equipment, or any costs for labor performed by the purchaser without the Company's prior written approval. The effects of corrosion, erosion and normal wear and tear are specifically excluded from this warranty.

THE COMPANY MAKES NO OTHER WARRANTY OR REPRESENTATION OF ANY KIND WHATSOEVER, EXPRESSED OR IMPLIED, EXCEPT THAT OF TITLE. ALL IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED. LIABILITY FOR CONSEQUENTIAL AND INCIDENTAL DAMAGES UNDER ANY AND ALL WARRANTIES, OTHER THAN CONTRACT, NEGLIGENCE, OTHER TORTS, OR OTHERWISE, ARE EXCLUDED TO THE EXTENT EXCLUSION IS PERMITTED BY LAW.

Notwithstanding the above, any legal claim against the Company shall be barred if legal action thereon is not commenced within twenty-four (24) months from the date of purchase or delivery whichever occurs last. This warranty constitutes the entire agreement between the Company and the original retail purchaser and no representative or agent is authorized to alter the terms of same without expressed written consent of the Company.

SANBORN
AIR COMPRESSORS

SANBORN MANUFACTURING COMPANY
118 West Rock Street
P.O. Box 206
Springfield, Minnesota 56087

PARTS & SERVICE

If there is a need for replacement parts and service, contact one of the Sanborn Service Centers. Check the enclosed Service Center listing for the closest available location. Parts are also available from your Sanborn air compressor distributor or direct from the factory.

When consulting the service center, the distributor or the factory concerning replacement parts, service or compressor information, always furnish complete unit model and serial numbers. This information can be found on the serial tag which is located on the hardware mounting plate on top of the tank. (see the breakdown diagram inside of this manual) Record these numbers below, along with the date purchased, and retain this manual for future reference.

When ordering parts or needing service from the factory, mail to . . .

CUSTOMER SERVICE HOURS:
Central Standard Time.
7:00 Am to 6.00 Pm Mon. Thru Fri.
8:00 AM to 12:00 Noon Saturday.

Model Number _____
Serial Number _____
Date Purchased _____

Compressor Parts
118 West Rock Street
Springfield, MN 56087
phone: 507-723-6211

In Canada . . .
City Machinery Limited
318 McDermot Avenue
Winnipeg Manitoba R3C 3L4

Minnesota Toll - free 800-722-9363
National Toll - free 800-533-0365
TELEX – 467375