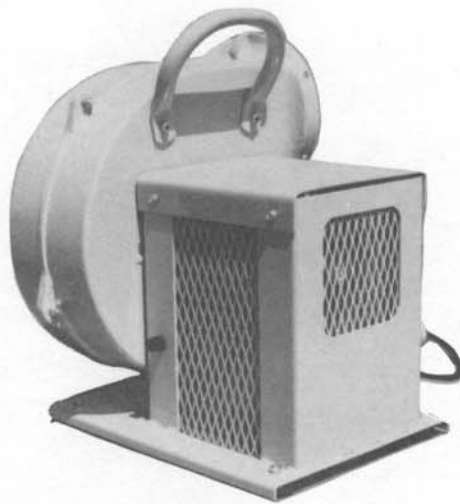


EP8
BLOWER



OPERATOR'S INSTRUCTION & PARTS MANUAL



General[®]

EQUIPMENT COMPANY

P.O. Box 334, Owatonna, MN 55060
1-800-533-0524 In Minn. 507-451-5510

Notice to Operators

IF YOU CAN NOT READ OR DO NOT FULLY UNDERSTAND THE CONTENTS OF THIS MANUAL, PLEASE CONTACT THE FACTORY FOR PROPER ASSISTANCE BEFORE ATTEMPTING TO OPERATE THIS PRODUCT.

SI TU NO PUEDES LE'ER O NO COMPRENDES EL CONTENIDO DE ESTE MANUAL FAVOR DE PONERSE EN CONTACTO CON LA. FABRICA PARA ASISTENCIA-A PROPIA ANTES DE INTENTAR PARA OPERAR ESTE PRODUCTO.

SOLLTEN SIE DIESE GEBRAUCHSANWEISUNG NICHT LESEN KOENNEN ODER ES NICHT VOLLKOMMEN VERSTEHN, WENDEN SIE SICH BITTE AN DEN HERSTELLER FUER RICHTIGE HILFE EHE SIE VERSUCHEN DIESES PRODUKT ZU OPERIEREN.

SI VOUS NE LISEZ OU NE COMPRENDRE ENTIEREMENT LES MATIERES DE CE MANUAL, S'IL VOUS PLAIT, CONTACTEZ L'USINE POUR L'ASSISTANCE APPROPRIEE AVANT D'UTILISER LE PRODUIT.

 CAUTION

 DANGER

These safety alert symbols identify important safety messages in this manual. When you see these symbols, be alert to the possibility of personal injury and carefully read the message that follows.

Do not allow anyone to operate the Blower without first reading this Operator's Manual and becoming familiar with its operation. The manufacturer of this Blower has gone to great extremes to provide the owner(s) and/or operator(s) with the finest equipment available for its intended job function of providing air for portable ventilation purposes. Yet, the possibility exists that the Blower can be utilized in and/or subjected to job applications not perceived and/or anticipated by the manufacturer. Such misuse and/or misapplication of the Blower can lead to the possibility of serious damage, injury or even death. It is the responsibility of the owner(s) and/or operator(s) to determine that the Blower is being utilized and/or operated within the scope of its intended job function. It is the responsibility of the owner(s) and/or operator(s) to establish, monitor and constantly upgrade all safety programs and/or practices utilized in and for the operation of the Blower. The purpose of such programs is to provide for owner(s) and/or operator(s) safety. Operators must be instructed to recognize and avoid unsafe conditions associated with their work (29 CFR 1926.21(b)(2)). It is the responsibility of the owner(s) and/or operator(s) to determine that no modifications and/or alterations have been made to the Blower. Modifications and/or alterations can lead to the possibility of serious damage, injury or even death. It is the responsibility of the owner(s) and/or operator(s) to make this Operator's Manual available for consultation during all phases of operation. Refer to OSHA 2207 which contains all OSHA job safety and health rules and regulations (1926 and 1910) covering construction.

Record the Blower and engine (if so equipped) serial numbers in the spaces provided below. The Blower serial number is located on the cast aluminum blower housing.

_____ Model Number

_____ Engine Serial Number

_____ Serial Number

_____ Date of Purchase

Specifications and design are subject to change without notice or obligation. All specifications are general in nature and are not intended for specific application purposes. General Equipment Company reserves the right to make changes in design, engineering or specifications and to add improvements or discontinue manufacture at any time without notice or obligation. General Equipment Company and its agents accept no responsibility for variations which maybe evident in actual products, specifications, pictures and descriptions contained in this publication.

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Safety Precautions

DANGER

THE BLOWER IS DESIGNED FOR PORTABLE AIR VENTILATION PURPOSES ONLY. THE BLOWER IS NOT DESIGNED FOR TRANSPORTING LIQUID, SEMI-SOLID OR MATERIALS. THE ELECTRIC MOTOR AND BLOWER WHEEL/FAN HOUSING ARE NOT DESIGNED FOR OPERATION IN AN EXPLOSIVE OR FLAMMABLE ATMOSPHERE. OPERATION OF THE BLOWER IN AN EXPLOSIVE OR FLAMMABLE ATMOSPHERE WILL RESULT IN PROPERTY DAMAGE, PERSONAL INJURY OR EVEN DEATH. INCORRECT USE OF THE BLOWER CAN RESULT IN AN ELECTRICAL SHOCK AND/OR ELECTROCUTION. ALWAYS OPERATE THE BLOWER IN COMPLIANCE WITH CURRENT OSHA AND NATIONAL ELECTRIC CODE REGULATIONS.

DANGER

INCORRECT USE OF THE BLOWER CAN RESULT IN PROPERTY DAMAGE, PERSONAL INJURY OR EVEN DEATH. TO REDUCE THIS POSSIBILITY, GIVE COMPLETE AND UNDIVIDED ATTENTION TO THE JOB AT HAND AND FOLLOW THESE SAFETY PRECAUTIONS.

PREPARATION

1) This Blower is a specialized type of powered equipment, designed for a specific job function and requires adequate and thorough instruction BEFORE it is operated. Each operator must receive adequate, professional instruction regarding the proper operation of this Blower BEFORE being allowed to operate it. Refer to OSHA 2207 which contains all OSHA job safety and health rules and regulations (1926 and 1910) covering construction. BEFORE attempting to utilize this Blower, read this Operator's Manual and the material supplied by the engine manufacturer to familiarize each operator with its correct operating procedures. When you are going to utilize this Blower-DO IT RIGHT-avoid the urge not to take the time to read this Operator's Manual BEFORE utilizing the Blower. DO NOT OPERATE THIS BLOWER UNTIL EACH OPERATOR COMPLETELY COMPREHENDS THE CONTENTS OF THIS MANUAL.

2) Develop a comprehensive program for the safe operation of the Blower by its owner(s) and/or operator(s). Such a program will include, but is not limited to: instructional requirements for operation, applicable OSHA requirements, local laws and regulations, jobsite safety and a Blower maintenance program. Constantly examine and upgrade this program to guarantee owner(s) and/or operators(s) safety. Each operator must be fully instructed regarding the specifics of this safety program. Refer to (29 CFR 1926.21 (b) (2)).

3) Determine that the Blower is in its original, factory configuration and has not been modified in any manner. Many modifications can result in potentially dangerous configurations that can lead to property damage and/or personal injury. If there are any questions about possible modifications made to the Blower, contact the Factory for specific information BEFORE utilization.

4) Minors should never be allowed to operate the Blower. Bystanders, especially children and animals should not be allowed in the area where a Blower is in use.

5) Operators must be in adequate physical condition, mental health and not under the influence of any substance (drugs, alcohol, etc.) which might impair vision, dexterity or judgement. Working with the Blower can be strenuous. If you have any condition that might be aggravated by strenuous work, check with your doctor BEFORE operating the Blower. Guard against the possibility of back related injuries. Always lift the Blower with leg muscles and not with the back.

6) Clothing must be sturdy and snug fitting, but allow complete freedom of movement. Never wear loose fitting jackets, scarves, neckties, jewelry, flared or cuffed pants or anything that could become caught on controls or moving parts. Wear long pants to protect your legs. Protect your hands with heavy duty, nonslip gloves to improve your grip. Good footing is most important when transporting the Blower. Wear sturdy boots with nonslip soles. Steel-toed safety boots are highly recommended. Never wear tennis shoes or other similar type shoes which afford little or no protection. Wear an approved safety hard hat to protect the operator(s) head(s) where there is a danger of head injuries. Noise, generated by the Blower, can damage your hearing. Wear sound barriers (ear plugs or ear muffers) to protect your hearing. Continuous and regular operators should have their hearing checked regularly.

7) Visually inspect the Blower for damaged or worn parts. Check for loose and/or broken parts. Determine that all safety devices are operative and information decals are readable. Check to see that

the Blower and all related accessories are in good mechanical condition BEFORE utilization.

8) The Blower utilizes an external wiring harness comprising of AWG 14-3 wire and a NEMA 5-15P cord cap. It is designed to operate ONLY from a grounded, 115 volt nominal AC, 60 Hz, single phase power source that utilizes a NEMA 5-15R receptacle. All electrical wiring installations and connections must comply with all applicable National Electric Code (NEC) statutes and with all applicable local codes and practices. Consult current National Electric Code publications for specific information.

9) Undersize wire size between the motor and the power source will adversely limit the starting and load carrying capabilities of the motor. Always utilize minimum AWG wire sizes for motor branch circuits. Consult the National Electric Code Tables, Article 400, for specific information.

10) Ground the Blower motor securely. Determine that any "grounding" wire and/or device is, in fact, properly grounding the motor. Failure to properly ground the motor may cause an electrical shock and/or electrocution, resulting in personal injury or even death. A ground fault circuit interrupter (GFCI) is a safety device that disconnects power from a circuit to a load when a potentially dangerous condition occurs. The GFCI opens the circuit when the fault current flow from a power line to ground exceeds the safe limit for humans. The GFCI protects against harmful electrical shock to a person caused by contact with a defective electrical product. A GFCI differs from a fuse or circuit breaker. A fuse or circuit breaker opens the circuit when the total current flow in the power line exceeds the safe limit of the power line. They are designed to protect against fire caused by overheating of a power line. Use of a portable GFCI gives on the job protection from electrical shock hazards caused by ground faults in commercial, industrial and residential applications. They are simple and easy to use: plug the portable GFCI into any suitable, grounded receptacle and plug the Blower into the GFCI for automatic protection against ground faults. For specific information, consult the National Electric Code publications and OSHA publications 210-22D for construction sites and 555-3 for marinas (for use around any area containing water).

11) Know how the controls operate. Know how to stop the Blower quickly in an emergency.

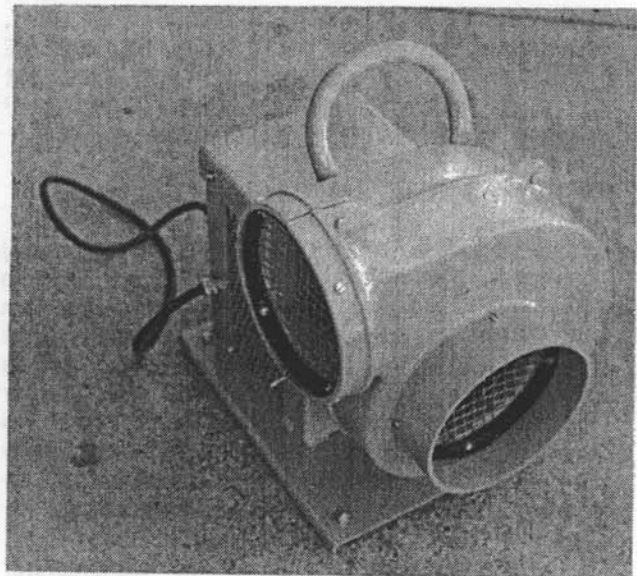
OPERATION

1) Give complete and undivided attention to the job at hand. Help prevent the cause of an accident. Plan to take work breaks as required to help insure mental and physical alertness.

2) The Blower utilizes an external wiring harness comprising of AWG 14-3 wire and a NEMA 5-15P cord cap. It is designed to operate ONLY from a grounded, 115 volt nominal AC, 60 Hz, single phase power source utilizing a NEMA 5-15R receptacle. Do not modify the cord cap to a NEMA assembly of another design and/or rating. Do not operate the Blower with other than a 115 volt, nominal, single phase power source. Do not operate the Blower with other than a 60Hz power source. Damage to the Blower motor will result.

3) Certain jobsite locations are classified as being hazardous because the atmosphere does or may contain gas, vapor or dust in explosive quantities. The National Electric Code divides these locations into Classes and Groups according to the type of explosive agent which maybe present. For specific information, consult the National Electric Code, Section 500. The electric motor and blower wheel/fan housing are not designed for operation in an explosive and/or flammable atmosphere of any Class or Group. Operation of the Blower in an explosive or flammable atmosphere will result in personal injury or even death.

4) Place the Blower on secure footing to prevent it from shifting while in use. Such movement can cause injury to the operator(s) or damage to the Blower itself.



5) Do not operate the Blower without the inlet and outlet screens properly secured and in place. Never replace the screens with other than factory supplied, replacement units. The screen grid must comply with current OSHA regulations regarding protective enclosures to prevent personal injury to the operator(s). Determine that the structural integrity of the screens will allow them to serve their protective function. Keep both screens free

from obstructions and gathered debris to allow maximum air flow delivery.

6) Do not stand directly in front of and/or face the Blower outlet. Personal injury can result from being struck by debris thrown from the Blower wheel at a relatively high velocity.

7) The Blower motor is of a capacitor start design. The motor must be mounted and operated in the normal, horizontal position to meet the enclosure definition. The Blower is designed for operation in jobsite areas that are reasonably dry, clean and provide for a continuous, dynamic source of air for cooling the motor. If you have any questions about proper operating environments, contact the Factory BEFORE utilizing the Blower.

MAINTENANCE, REPAIR AND STORAGE

1) Use only genuine, approved replacement parts for maintenance and repair. Use of parts manufactured by others can result in property damage and/or personal injury.

2) Follow the SERVICE instructions as outlined in the appropriate section of the Operator's Manual.

3) Always properly maintain the Blower. Frequently check all fasteners and individual parts. Built in safety features are effective only if they are maintained in good working condition. Keep the Blower clean and properly serviced. Heavy accumulations of dust and dirt will result in overheating and premature failure of the Blower motor. Clean the motor surfaces and all ventilation openings periodically, preferably with a vacuum cleaner. Replace any questionable part or assembly with a genuine, approved, replacement part. Do not attempt any maintenance or repair work not described in the Operator's Manual. Have such work performed at your dealer's servicing shop.

4) Always stop the motor and disconnect the power source to prevent the accidental starting and/or the possibility of receiving an electrical shock before working on the Blower.

5) Do not energize the electric motor with the shaft key exposed on the open shaft. Personal injury can result from being struck by a shaft key thrown from the motor shaft.

Assembly

Open the shipping carton immediately upon receipt. Visually inspect the contents of the carton for freight damage and/or missing parts. If shipping damage is evident, contact the delivering carrier to arrange for an inspection of the damage by their claims representative. If missing parts are detected, notify your dealer who will assist you in obtaining them.

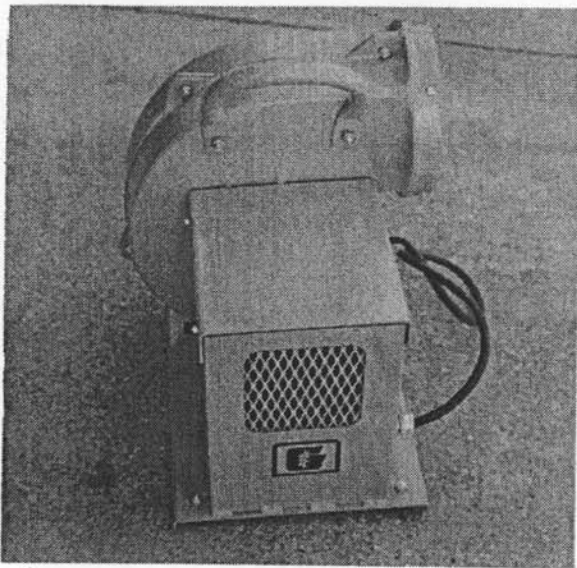
Included in the shipment should be the following:

- 1 each, Blower
- 1 each, lifting handle

INSTALLING THE LIFTING HANDLE

Tools Required: 1 each, 1/2 inch wrench

- 1) Install the lifting handle to the studs provided on the blower housing. Secure tight with the provided lock washers and hexagon nuts.



DANGER

FAILURE TO PROPERLY INSTALL THE LIFTING HANDLE FASTENERS, MAY IN LOOSE FASTENERS THAT CAN LODGED IN THE BLOWER WHEEL AND EXIT THE OUTLET AT HIGH SPEED. THE RESULT CAN CAUSE PROPERTY DAMAGE AND/OR PERSONAL INJURY.

- 2) Check all fasteners for security. Consult a fastener torque chart for the proper torque value if any fastener is found to require retorquing.

Blower Operation

At the time of manufacture, the Blower is not Underwriter's Laboratory® (UL®) listed. The electrical components utilized in the manufacture of the Blower all feature the applicable UL® and CSA® component recognition or listing.

DANGER

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FLOW RATES FOR MODEL EP8 PORTABLE VENTILATION BLOWER

FREE AIR	1277.4 CFM (35.7 CMM)
ONE 90° BEND	738.0 CFM (20.7 CMM)
TWO 90° BENDS	578.8 CFM (16.2 CMM)

Flow rates for the Model EP8 Blower were calibrated by the Colorado Engineering Experiment Station, Inc. The Blower was tested per AT&T standard EL2723/PL2709 in a chamber built in accordance with AMCA standard 210-67. The test was performed with a single, 8 inch (203 mm) diameter x 15 feet (7.6 m) flexible, reinforced duct connected to the Blower outlet. Flow rates were obtained with a nominal electric motor speed of 1725 RPM. The published flow rates are intended to serve only as a reference. Manufacturing tolerances and specific operating parameters will affect the overall flow rate(s) for each particular Blower.

The air flow rate decreases as the length of the flexible, reinforced duct increases for both exhaust and suction job applications. Measured flow rates (with the use of ducts) will increase with the use of a flexible, reinforced duct less than 15 feet (7.6 m) in length and decrease with the use of a flexible,

reinforced duct greater than 15 feet (7.6 m) in length. Flow rates will also vary with the specific ducts manufactured and/or supplied by sources.

1) Operate the Blower upwind from the work location and with the air inlet facing into the relative wind to maximize the air flow.

2) The voltage, frequency and phase of the power supply should be consistent with the motor nameplate rating. The motor will operate satisfactorily on voltages within 10% of the nameplate value or frequency within 5 per cent. The combined variation must not exceed 10 per cent. The Blower is designed to operate from a grounded, 115 volt nominal AC, 60 Hz, single phase power source. Operation from other type power sources can result in property damage and/or personal injury .

3) For normal exhaust (air blowing) operations, connect the duct to the Blower outlet. The duct can be one of two types:

- A) Collapsible, non reinforced type duct
- B) Collapsible, flexible, reinforced type duct

4) For normal suction (air evacuation) operations, connect the duct to the Blower inlet. The duct must be of the reinforced type to prevent the vacuum force generated by the Blower's suction from collapsing the duct.



CAUTION

For both normal exhaust and suction operations, follow the air flow direction arrows (if so equipped) to insure maximum air flow delivery.

Secure the duct to the Blower with the clamping strap. Tighten securely.

DANGER

FOR BOTH EXHAUST AND SUCTION OPERATIONS, THE MINIMUM SAFE DUCT DIAMETER IS 8 INCHES (203 mm). FOR BOTH EXHAUST AND SUCTION OPERATIONS, THE MAXIMUM SAFE DUCT LENGTH IS 25 FEET (7.6 m).

5) The FD810 (10 ft. length), FD815 (15 ft. length) and FD825 (25 ft. length) are factory supplied ducts for use with the Blower. All are of the collapsible, flexible, reinforced type.

DANGER

BEFORE UTILIZING THE BLOWER, CHECK ALL APPLICABLE FEDERAL, STATE, INDUSTRY AND LOCAL REGULATIONS REGARDING THE USE OF FLAME RESISTANT AND/OR SELF EXTINGUISHING DUCT MATERIALS FOR THE INTENDED JOB APPLICATION. IT IS THE RESPONSIBILITY OF THE OWNER(S) AND/OR OPERATOR(S) TO DETERMINE THAT THE DUCT MATERIAL IN USE FOR THE JOB APPLICATION MEETS ALL APPLICABLE FIRE CODE AND OSHA REQUIREMENTS.

6) Refer to the chart below for the proper sized AWG wire number for extension cord use with the Blower.

COPPER WIRE SIZE MINIMUM AWG NUMBER FOR 1/3 HP, 60 CYCLES @ 115 VOLTS NOMINAL

0-25 ft. (0-7.6 m)	14 AWG
50 ft. (15 m)	12 AWG
100 ft. (30 m)	10 AWG
150 ft. (46 m)	8 AWG
200 ft. (60 m)	6 AWG

For in between lengths, utilize the next largest wire gauge. For specific information, refer to the National Electric Code Tables, Article 400.

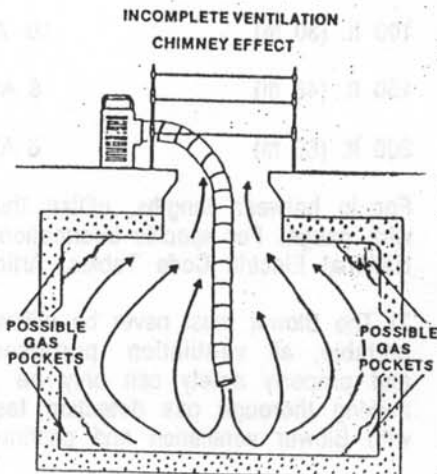
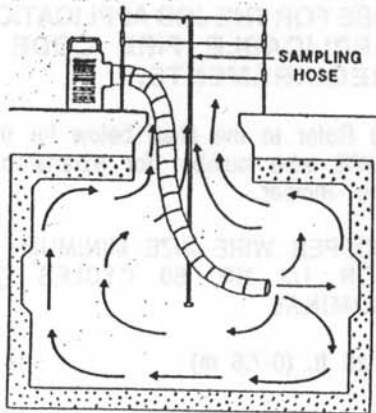
7) The Blower must never be utilized by itself for portable, air ventilation purposes. Personnel and property safety can only be assured after making thorough gas detection tests combined with Blower ventilation and continual retesting.

DANGER

ALWAYS ASSUME THAT A MANHOLE OR CONFINED WORK AREA IS CONTAMINATED UNTIL IT HAS BEEN PROVEN THAT IT IS SAFE FOR WORK PERSONNEL. NEVER ENTER A MANHOLE OR CONFINED WORK AREA, EVEN FOR A MOMENT, UNTIL IT HAS BEEN THOROUGHLY TESTED WITH APPROPRIATE GAS DETECTION EQUIPMENT AND THEN VENTILATED FOR AT LEAST A MINIMUM OF

MAXIMUM SPEED.

Purge the Blower hose at street level for at least one minute before placing it into the manhole or confined work area. Determine that the Blower intake is away from carbon monoxide fumes (if gasoline engine operated) or any other source of harmful fumes or gases. The most effective positioning of the outlet end of the Blower hose is on a cable rack or another supporting structure midway up a side wall, with the ventilating air being directed at an end wall. FIGURES 1a and 1b. This arrangement will provide for more even air distribution and will more effectively eliminate air spaces in corners where harmful gases may accumulate.



Prior to entering the manhole or confined work area, suspend the sampling hose from the top rail of the manhole guard (or confined area opening) with the connector end hanging down into the work area. Attach the tester to the sampling hose and purge by aspirating air through the tester for several seconds. Adjust the needle to zero and detach the sampling hose. Then, aspirate the ambient air into the tester and note the indication on the meter.

Make periodic tests while working and always after taking any work break. Harmful gases can accumulate in areas not previously found before, which necessitates a continual testing program.

Utilize appropriate testing equipment and procedures: test, ventilate, test and continue to ventilate. Retest at least every 2 hours. Where local conditions, procedures and policies apply, a more vigorous testing procedure should be utilized with the operation of the Blower. Contact the nearest OSHA office for more specific and current information regarding procedures, policies and requirements. Such information is regularly subject to change and revision.

CAUTION

The final working procedure for any job application involving the use of the Blower must be individually determined after careful analysis of all factors and/or conditions present. The nearest OSHA office is a valuable source for applicable information regarding the operation of the Blower.

Service

DANGER

ALWAYS STOP THE MOTOR AND DISCONNECT THE POWER SOURCE TO PREVENT THE ACCIDENTAL STARTING AND/OR THE POSSIBILITY OF RECEIVING AN ELECTRICAL SHOCK BEFORE THE BLOWER.

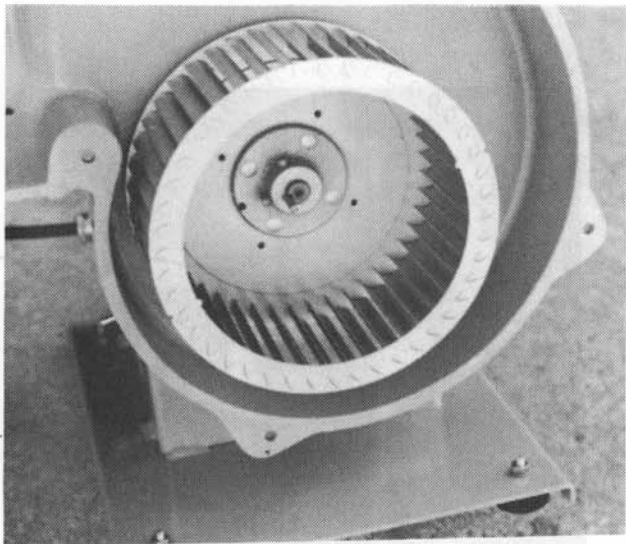
BLOWER HOUSING MAINTENANCE

Do not operate the Blower with a large accumulation of dirt and other debris within the blower housing assembly. Such a collection of foreign material can affect air flow delivery performance and should be removed periodically.

Disassemble the blower housing and clean with an approved, safety solvent.

Tools Required:

- 2 each, 7/16 inch wrenches
- 1 each, 3/8 inch wrench
- 1 each, small, flat bladed screw-driver



DANGER

DETERMINE THAT THE STRUCTURAL INTEGRITY OF THE INLET AND OUTLET SCREENS WILL ALLOW THEM TO SERVE THEIR PROTECTIVE FUNCTION. DO NOT REINSTALL A DAMAGED AND/OR DEFECTIVE SCREEN. DO NOT OPERATE THE BLOWER WITHOUT THE INLET AND OUTLET PROPERLY SECURED AND IN PLACE.

The blower wheel is factory balanced at the time of manufacture and should not require rebalancing under normal usage. Proper balance is essential to minimize wheel vibration and maximize air flow delivery. Periodically, apply a light coat of dry film lubricant to prevent the formation of rust on the wheel.

DANGER

DO NOT PAINT OR ALTER THE BLOWER WHEEL CONFIGURATION IN ANY MANNER. THE RESULT WILL BE AN UNBALANCED WHEEL CONDITION. AN UNBALANCED WHEEL CAN RESULT IN PROPERTY AND/OR PERSONAL INJURY.

ELECTRIC MOTOR MAINTENANCE

The electric motor is capable of operating for many years with a reasonably small amount of

maintenance. Before attempting to service the motor, disconnect the Blower from the power supply. Clean the motor surfaces and ventilation openings periodically, preferably with a vacuum cleaner. Heavy accumulations of dirt and lint will result in overheating and premature failure of the motor.

The electric motor is equipped with ball bearings and under normal service and ambient temperatures, should not require relubrication for 9 to 10 years. If you feel that the motor requires relubrication, contact the local service representative of the the motor manufacturer for specific information.

FUSE REPLACEMENT

An integral fuse protection system is provided to protect the Blower from inadvertent power surges encountered while in service. It utilizes an ABC-10 BUSS® type fuse, which is designed for use with 115 volt nominal AC, electrical systems. A replacement fuse is easily and quickly installed in the fuse holder provided on the side of the Blower, opposite the outlet. Fuses can be obtained from most electrical products service centers. Use only a type ABC-10 fuse. Use of an incorrect ABC type fuse or a fuse designed for DC electrical systems can result in property damage and personal injury.

Troubleshooting

ELECTRIC MOTOR FAILS TO OPERATE

Improper cord cap connection to power source. Inspect connection.

Inoperative ON-OFF switch. Inspect and/or test. Repair and/or replace as required.

Wiring harness lead to motor, switch or fuse holder loose or disconnected. Inspect and reconnect.

Inoperative fuse. See SERVICE section.

BLOWER LACKS AIR FLOW DELIVERY

Motor overheating. Inspect motor surfaces and ventilation openings. See SERVICE section.

Motor requires relubrication. See SERVICE section.

Improper electrical power. Check power source for proper voltage, frequency and/or phase. See BLOWER OPERATION section.

Inlet and/or outlet screens blocked with debris. See SERVICE section.

Blower wheel and/or housing filled with debris. See SERVICE section.

Damaged duct restricts air flow delivery. Repair or replace duct as required.

Storage

Proper procedure for long term storage of the Blower will protect it against the effects of corrosion and damage. If the Blower is not to be operated for a period of 30 days or more, proceed to store as follows:

- 1) Clean all accumulated dirt and grease from the Blower utilizing a safety solvent.
- 2) Follow the procedure as outlined in the material provided by the electric motor manufacturer detailing long term storage of the motor.
- 3) Check all visible parts for wear, breakage or damage. Order any part required to make the necessary repair. This will avoid a needless delay when operating the Blower at next use.
- 4) Apply a light coat of dry film lubricant to the blower wheel to prevent the formation of rust.
- 5) Store the Blower inside. If the Blower must be stored outside, protect it with a suitable covering.

Specifications

MOTOR

TYPE 1/3 HP, capacitor start
115 volts nominal AC,
60 Hz, single phase

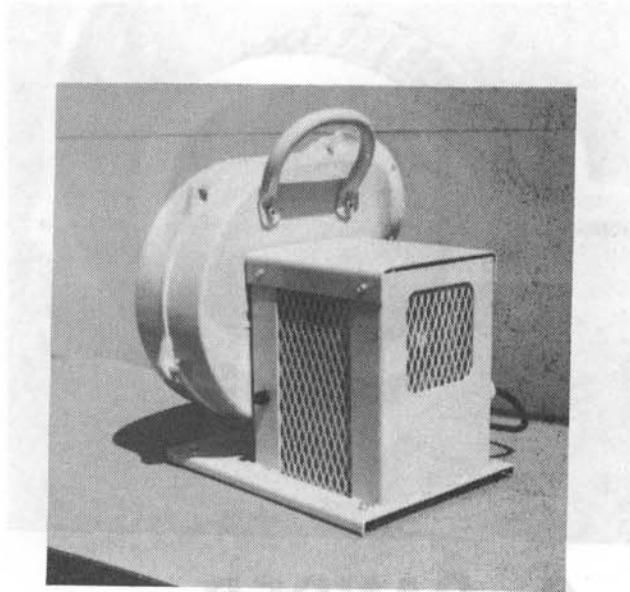
FULL LOAD AMPERAGE 4.2 Amperes

FUSE PROTECTION SYSTEM ABC-10 BUSS type

BLOWER

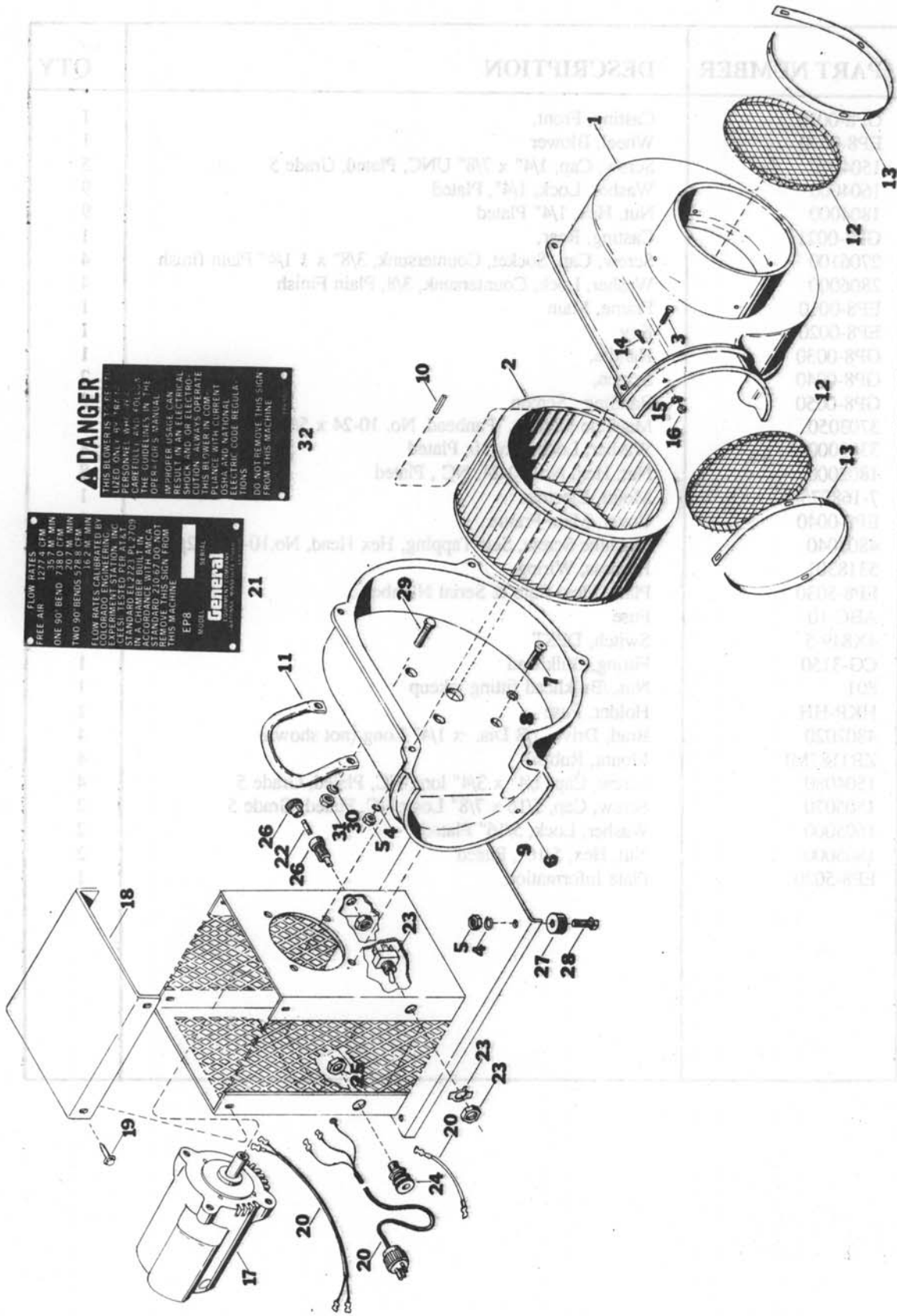
TYPE Centrifugal

INLET & OUTLET SIZE 8 inches (203 mm) diameter



EP8 ELECTRIC PORTABLE VENTILATING BLOWER

(USED THRU SERIAL #27748)



EP8 ELECTRIC PORTABLE VENTILATING BLOWER

(USED THRU SERIAL #27748)

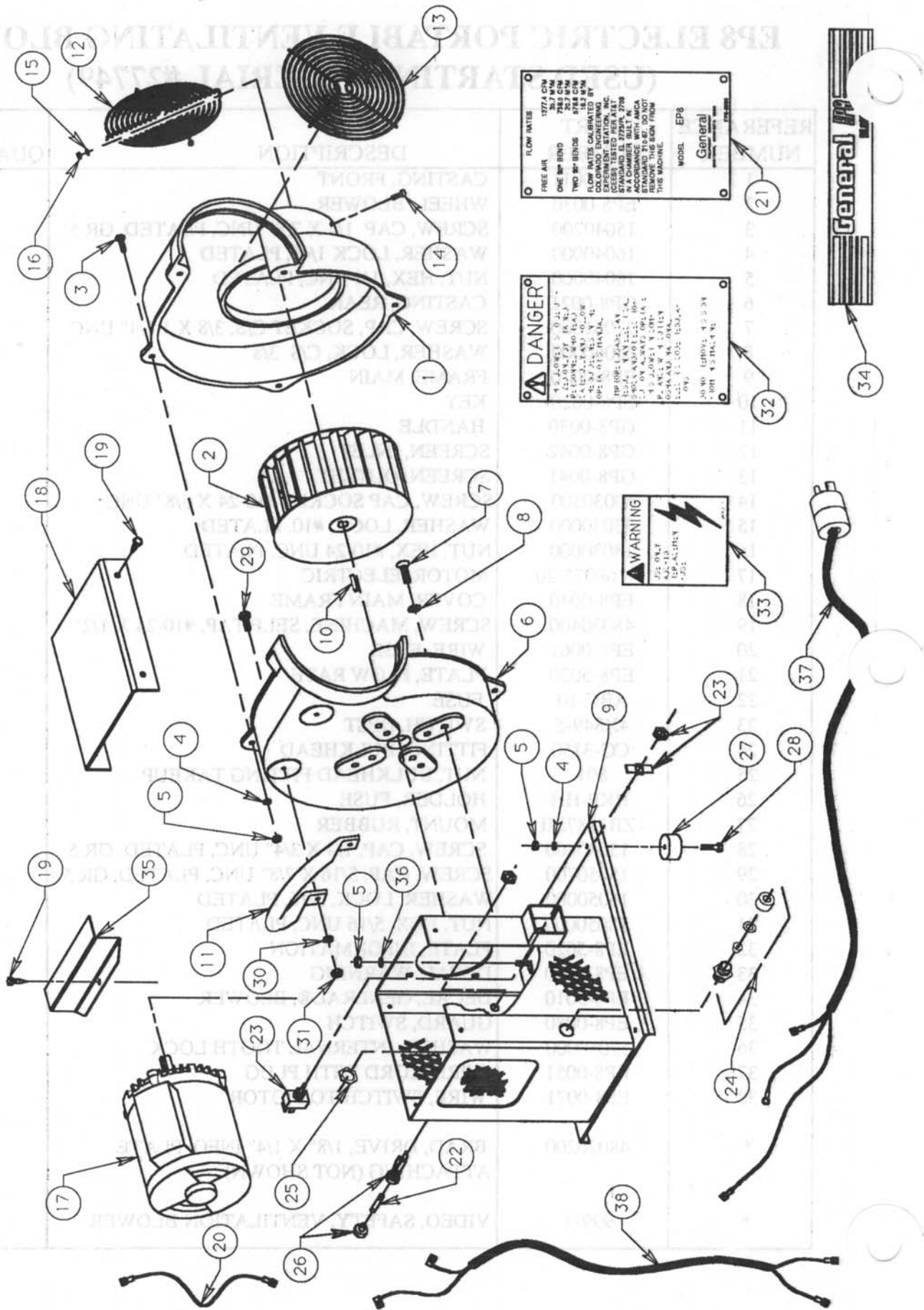
REF	PART NUMBER	DESCRIPTION	QTY
1	GP8-0010	Casting, Front,	1
2	EP8-0030	Wheel, Blower	1
3	1504070	Screw, Cap, 1/4" x 7/8" UNC, Plated, Grade 5	5
4	1604000	Washer, Lock, 1/4", Plated	9
5	1804000	Nut, Hex, 1/4" Plated	9
6	GP8-0021	Casting, Rear,	1
7	2706100	Screw, Cap, Socket, Countersunk, 3/8" x 1 1/4" Plain finish	4
8	2806000	Washer, Lock, Countersunk, 3/8, Plain Finish	4
9	EP8-0010	Frame, Main	1
10	EP8-0020	Key	1
11	GP8-0030	Handle,	1
12	GP8-0040	Screen,	2
13	GP8-0050	Banding , Screen	2
14	3703050	Machine , Screw, Panhead, No. 10-24 x 5/8" Long NC Plated	8
15	3303000	Washer, Lock, No. 10, Plated	8
16	1803000	Nut, Hex, No. 10-24, NC , Plated	8
17	7-168075-20	Motor, Electric	1
18	EP8-0040	Cover, Main Frame	1
19	4803040	Machine Screw, Self Tapping, Hex Head, No.10-24x1/2plated	4
20	5318301	Harness, Wiring	1
21	EP8-5030	Plate, Flow Rate & Serial Number	1
22	ABC-10	Fuse	1
23	4X849-5	Switch, DPST	1
24	CG-3150	Fitting, Bulkhead	1
25	801	Nut, /Bulkhead fitting takeup	1
26	HKP-HH 4802020	Holder, Fuse Brad, Drive, 1/8 Dia. x 1/4" Long (not shown)	1 4
27	ZB1187MI	Mount, Rubber	4
28	1504080	Screw, Cap, 1/4" x 3/4" long NC, Plated, Grade 5	4
29	1505070	Screw, Cap, 5/16 x 7/8" Long NC, Plated, Grade 5	2
30	1605000	Washer, Lock, 5/16" Plated	2
31	1805000	Nut, Hex, 5/16", Plated	2
32	EP8-5020	Plate Information	1

EP8 ELECTRIC PORTABLE VENTILATING BLOWER (USED STARTING W/SERIAL #27749)

REFERANCE NUMBER	PART NUMBER	DESCRIPTION	QUANTITY
1	GP8-0011	CASTING, FRONT	1
2	EP8-0030	WHEEL, BLOWER	1
3	15040700	SCREW, CAP 1/4 X 7/8" UNC, PLATED, GR 5	5
4	16040000	WASHER, LOCK 1/4", PLATED	9
5	18040000	NUT, HEX, 1/4 UNC, PLATED	10
6	GP8-0021	CASTING, REAR	1
7	27061000	SCREW, CAP, SOCKET C/S, 3/8 X 1 1/4" UNC	4
8	28060000	WASHER, LOCK, C/S 3/8"	4
9	EP8-0010	FRAME, MAIN	1
10	EP8-0020	KEY	1
11	GP8-0030	HANDLE	1
12	GP8-0042	SCREEN, INLET	1
13	GP8-0041	SCREEN, OUTLET	1
14	60030500	SCREW, CAP SOCKET #10-24 X 5/8" UNC	4
15	33030000	WASHER, LOCK, #10, PLATED	4
16	18030000	NUT, HEX, #10-24 UNC, PLATED	4
17	7-168075-20	MOTOR, ELECTRIC	1
18	EP8-0040	COVER, MAIN FRAME	1
19	48030400	SCREW, MACHINE, SELF TAP, #10-24 X 1/2"	5
20	EP8-0061	WIRE, FUSE	1
21	EP8-5030	PLATE, FLOW RATE	1
22	ABC-10	FUSE	1
23	4X849-5	SWITCH, DPST	1
24	CG-3150	FITTING, BULKHEAD	1
25	801	NUT, BULKHEAD FITTING TAKEUP	1
26	HKP-HH	HOLDER, FUSE	1
27	ZB1187MI	MOUNT, RUBBER	4
28	15040800	SCREW, CAP, 1/4 X 3/4" UNC, PLATED, GR 5	4
29	15050700	SCREW, CAP, 5/16 X 7/8" UNC, PLATED, GR 5	2
30	16050000	WASHER, LOCK, 5/16, PLATED	2
31	18050000	NUT, HEX, 5/16 UNC, PLATED	1
32	EP8-5020	PLATE, INFORMATION	1
33	EP8-5040	DECAL, WARNING	1
34	EP8-5010	DECAL, GENERAL®, BLOWER	1
35	EP8-0080	GUARD, SWITCH	1
36	57040000	WASHER, INTERNAL TOOTH LOCK	1
37	EP8-0051	WIRE, CORD WITH PLUG	1
38	EP8-0071	WIRE, SWITCH TO MOTOR	1
*	48020200	BRAD, DRIVE, 1/8" X 1/4" INFO. PLATE ATTACHING (NOT SHOWN)	8
*	999-7	VIDEO, SAFETY, VENTILATION BLOWER	1

EP8 ELECTRIC PORTABLE VENTILATING BLOWER

(USED STARTING W/SERIAL #27749)



ATTACHMENTS AND OPTIONS FOR PORTABLE VENTILATING BLOWERS

REF	PART NUMBER	DESCRIPTION
1	FD810	8" (203 mm) Diameter x 10 foot (3 m) length Collapsible Duct with Anti-Scuff Strip and Securing Straps.
	FD815	8" (203 mm) Diameter x 15 foot (4.6 m) length Collapsible Duct with Anti-Scuff Strip and Securing Straps
	FD825	8" (203 mm) Diameter x 25 feet (7.6 m) length Collapsible Duct with Anti-Scuff Strip and Securing Straps
2	SC815	Storage Cannister for FD810 and FD815 Collapsible Ducts Lockable Cover.
	SC825	Storage Cannister for FD825 Collapsible Duct. Lockable Cover.
3	SR815	Storage Rack for FD810 and FD815 Collapsible Duct.
	SR825	Storage Rack for FD825 Collapsible Duct.

