READ THIS FIRST

AXIAL BLOWER **NanoP8S**

SUPERVAC

DANGER

PERSONAL RESPONSIBILITY CODE

The member companies of FEMSA that provide emergency response equipment and services want responders to know and understand the following:

1. Firefighting and Emergency Response are inherently dangerous activities requiring proper training in their hazards and the use of extreme caution at all times.

2. It is your responsibility to read and understand any user's instructions, including purpose and limitations, provided with any piece of equipment you may be called upon to use.

3. It is your responsibility to know that you have been properly trained in Firefighting and/or Emergency Response and in the use, precautions, and care of any equipment you may be called upon to use.

4. It is your responsibility to be in proper physical condition and to maintain the personal skill level required to operate any equipment you may be called upon to use.

5. It is your responsibility to know that your equipment is in operable condition and has been maintained in accordance with the manufacturer's instructions.

6. Failure to follow these guidelines may result in death, burns or other severe injury.

FEMSA

Fire and Emergency Manufacturers and Services Association, Inc.P.O. Box 147, Lynnfield, MA 01940 www.FEMSA.org

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USER GUIDE

This manual covers the description, operation and maintenance of the Super Vac NanoP8S Axial Blower.

The NanoP8S portable blower is specifically designed to provide a completely portable source of fresh air. This manual covers both a 120V AC, 60Hz electrical source and a 220V 50Hz electrical source. Check model number and plug to match correct power source.

WARNING *Read this manual before operating blower.*
Save this guide for future reference.

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1. BREAKAGE OR DAMAGE DURING SHIPMENT

The transportation company is fully responsible for all shipping damage and will resolve problems promptly if you handle it correctly. Please read these instructions carefully.

Examine the contents of all shipping cases. If you find any damage, call your transportation agent at once and have them make a description on the freight or express bill describing the damage and the number of pieces. Then write us and we will send you the original bill of lading. Get a claim blank from the express or truck company. Fill the claim form out. Attach the claim blank to the original bill of lading together with a copy of our invoice. Attach a memo on which you show the value of the damaged goods. Mail or hand these papers to your local transportation agent. They will process your claim with reasonable promptness.

Please note, we cannot and will not enter claims for damages. If we filed claim here, it would be sent to your local freight agent for verification and investigation. This time can be saved by your filing the claim directly. Every consignee is on the ground floor and in contact with the local agent who inspects the damaged goods, and thus, each claim can be given individual attention.

Since our goods are packed to comply with the regulations of all railroad, truck, and express companies, we cannot allow deduction from any invoice because of any damage, however, be sure to file your claim promptly. Our goods are sold F.O.B. factory. We take receipt from the transportation company certifying that the goods were delivered to them in good order, and our responsibility ceases.

It is seldom that any breakage or damage occurs in any of our shipments, and in no case will the customer be out any expense if they follow the above instructions.

Be sure to keep all damaged goods subject to examination of the truck or express company inspector, who may call on you some time later. These damaged goods, of course, will belong to them, and they will inform you what to do with them. If you dispose of these damaged goods, your claim may not be paid.

2. PRODUCT DESCRIPTION AND SPECIFICATIONS:

THE SUPER VAC NANOP8S AXIAL BLOWER (P/N 071-14434)

1. The NanoP8S Blower is a single-speed, blower for use in NON-hazardous locations.

2. The housing of the NanoP8S is constructed of high density polyethylene (HDPE). HDPE has a high resistance to chemicals and extreme temperatures while maintaining a superior weight to strength ratio.

Model #	Weight	HxWxD	Motor	Amps	Output	One 90º Bend	Two 90º Bends
P8S	20 lbs *9 kg*	11.5" x 10.75" x 16" *292mm x 273mm x 406mm*	1/3 HP, TEAO (Totally Enclosed Air Over), 60Hz, 115V AC	4	1,037 cfm *1,760 cmh*	817 cfm *1,388 cmh*	723 cfm *1,228 cmh*
			1/3 HP, TEAO (Totally Enclosed Air Over), 50Hz, 220V AC	2.4	864 cfm *1,470 cmh*	680 cfm *1,157 cmh*	600 cfm *1,023 cmh*

3. SAFETY PRECAUTIONS: ⚠WARNING

FOR YOUR SAFETY, READ THE FOLLOWING SAFETY PRECAUTIONS:

- Do not use the blower for other than its intended use.
- Do not wear loose clothing that can become entangled in operating machinery. Do not operate blower without inlet or outlet screen guards in place. (if guards are missing or damaged, contact factory for replacements).
- Do not place fingers or any other object through inlet or outlet screens.
- Never use cords with frayed, cut, or brittle insulation. Check the cord for sound connections to the ground fault interrupter receptacle.

GROUND FAULT CIRCUIT INTERRUPTER

Always operate a blower from a 120VAC or 220VAC source supplied through a ground fault circuit interrupter receptacle, test receptacle for ground fault before plugging in the blower.

WET HANDS

Never handle energized cords with wet hands.

WATER

Never let extension cords or plug connection lay in water. Locate the blower so that it cannot fall into water inadvertently.

4. BEFORE OPERATING BLOWER CAUTION

PRE-START PROCEDURE (ATTACH/DETACH PROCEDURE FOR OPTIONAL DUCTING)

1. TO ATTACH: Place belted cuff end of ducting around fan snout making sure the belt is placed on the narrow neck of the snout. Tighten belted cuff snugly. Check for proper attachment.

2. TO DETACH: Loosen belted cuff, remove ducting.

PRE-START PROCEDURE CAUTION

CAUTION: READ, SAFETY PRECAUTIONS

1. The blower should be placed 5' upwind where possible from the confined space, and should be pointed into the wind. This will reduce the chance of contamination being blown into the confined space.

2. Check blower inlet and outlet guard screens for obstructions. Check immediate area around blower for objects that could be sucked into the blower inlet and remove from area.

5. OPERATION

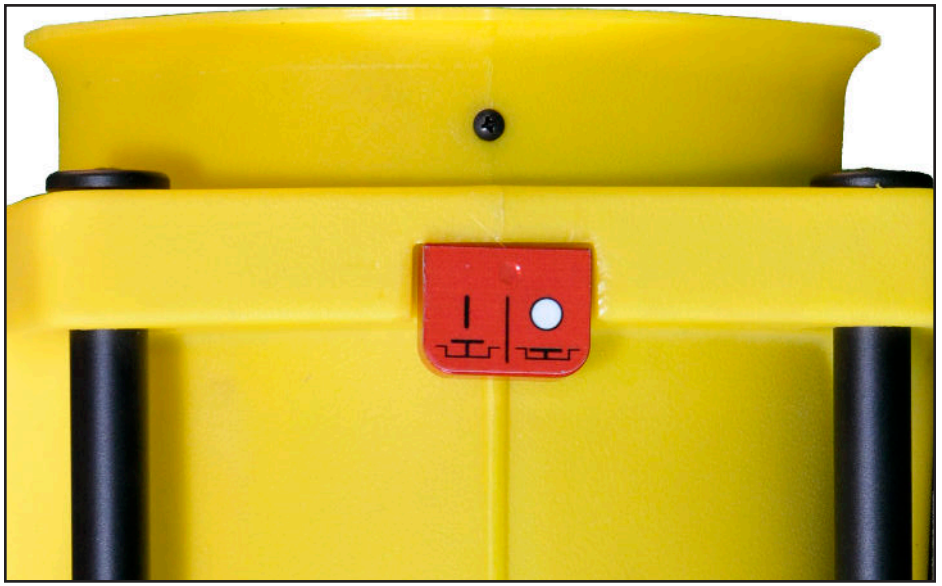
START PROCEDURE

1. **CAUTION** Plug in blower power cord to a GFI protected 120V or 220V AC outlet. NEVER PLUG IN THE POWER CORD IN A HAZARDOUS LOCATION. IF INDOUBT, CONNECT TO A NON-ENERGIZED SOURCE FIRST, THEN ENERGIZE THE SOURCE.

2. **WARNING** Extend and place blower hose as required. BE SURE NO TOXIC FUMES ARE BLOWN INTO A CONFINED SPACE.

3. Pull up on the start switch.

4. Unattended use of equipment is not recommended.



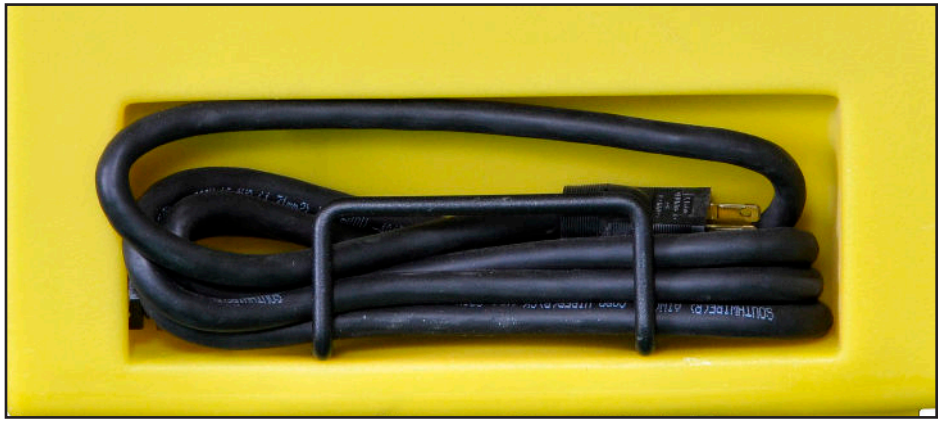
SHUT-OFF PROCEDURE

When blower operation is no longer required:

1. Push down on the Start Switch

2. Unplug the power cord.

3. Coil and store the power cord in the molded side pocket.



7. MAINTENANCE AND REPAIR CAUTION

Be sure the blower is disconnected from the power source before doing any maintenance or repair work on the blower.

Check all power cords for cuts, frayed ends, or brittle insulation. See the enclosed parts list for the replacement cord part number.

For parts or service information, contact:

Super Vacuum Manufacturing Company, Inc.
Service Department
3842 Redman Dr.
Fort Collins, CO 80524

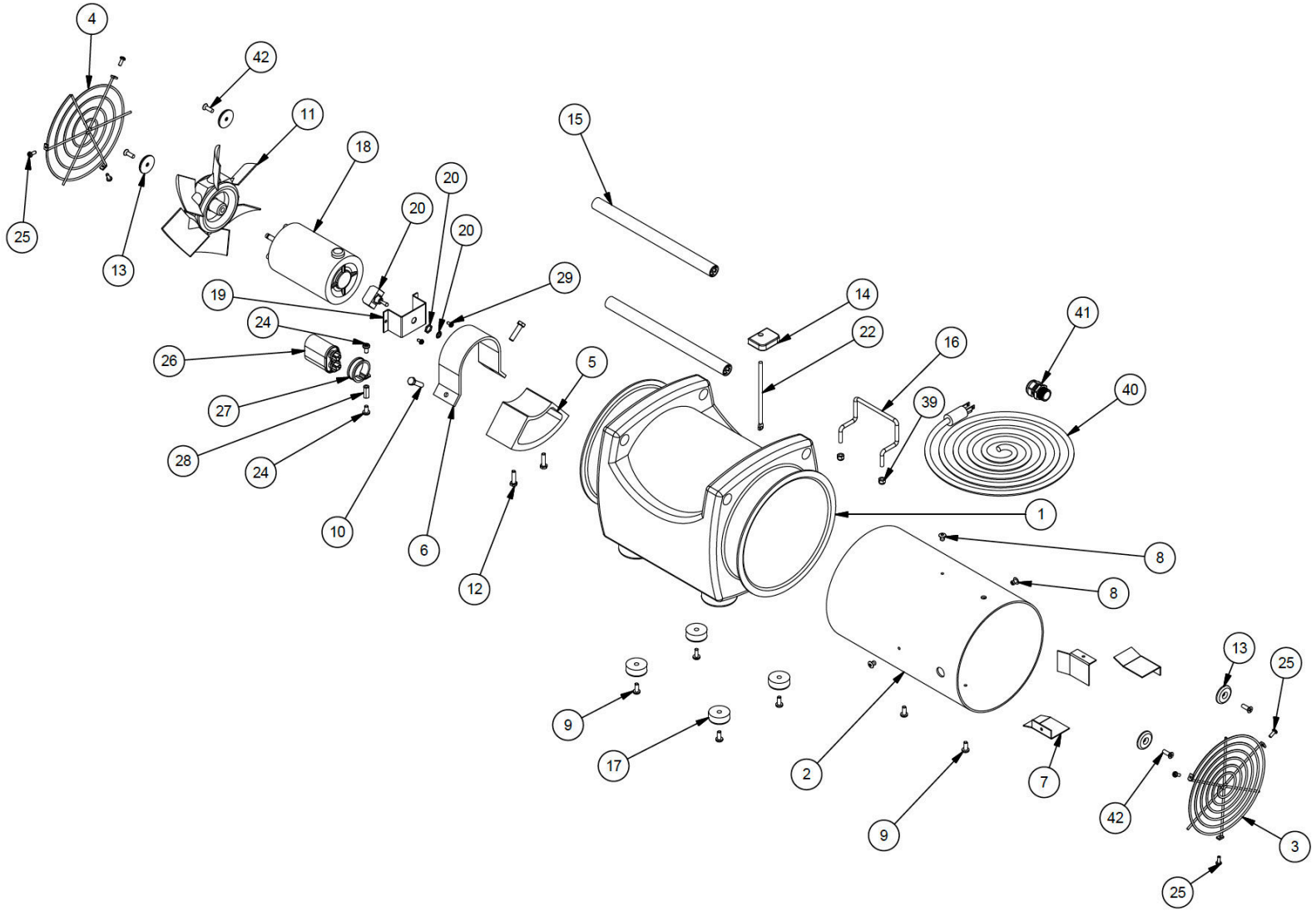
Phone: 800-525-5224
970-297-7100

Fax: 970-297-7099

Email : info@supervac.com
Internet: www.supervac.com

8. PARTS LIST

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	018-12001	HOUSING, NANO, YELLOW
2	1	018-12003	HOUSING, BLACK PIPE, NANO TUBE FINISHED
3	1	012-00019	GUARD, NANO, FRONT, RAW
4	1	012-00020	GUARD, NANO, REAR, RAW
5	1	019-15092	MOTOR MOUNT,NANO
6	1	019-15095	MOTOR MOUNT CAPS, NANO
7	3	018-12004	FIN, NANO, UNPAINTED
8	3	035-11125	BLIND RIVET, 6-6 SS
9	6	032-10725	SCREW,PHP,1/4-20 UNCx0.625
10	2	032-10779	SCREW,HH,5/16-18x1-1/4,SS
11	1	003-15318	BLADE, PLASTIC, CONDUCTIVE, 50 DEG, NANO
12	2	032-10745	SCREW,HH,1/4-20x1,SS
13	4	008-11110	CAP,HANDLE,NANO
14	1	008-11107	PADDLE,SWITCH,NANO
15	2	019-15096	NANO BLACK HANDLES
16	1	024-10532	CORD HOLDER, NANO

ITEM	QTY	PART NUMBER	DESCRIPTION
17	4	008-11100	FEET, ROUND, 2", BLACK, NANO
18	1	021-10503	MOTOR, 1/3 HP, TEAO, NANO P8S 110V
		021-10507	MOTOR, 1/3 HP, TEAO, NANO P8S 220V
19	1	008-11111	BRACKET, SWITCH, NANO
20	1	008-11753	SWITCH, LIGHT KIT, GAS FANS
22	1	008-11106	SWITCH ROD, NANO, THREADED
24	2	032-10723	SCREW,PHP,1/4-20 UNCx0.5
25	6	034-10963	SCREW,PHP,10-24 UNCx0.5
26	1	008-11101	CAPACITOR, MOTOR-RUN, NANO
27	1	065-12367	CLAMP,LOOM,#12,SS
28	1	034-10111	NUT, 1/4-20 X 3/4, SS STANDOFF
29	2	032-10706	SCREW, 10 X 1/2, SLOTTED, HEX WASHER, Z
39	2	034-11033	NUT,NYLOCK, 1/4-20 UNC,SS
40	1	005-10154	CORDSET, 16/3, 8' BLK SO, NANO
41	1	008-11113	SEALCON, STRAIGHT, 9/16, CD-16NA-BK
42	4	032-10734	SCREW, 1/4-20 X 3/4, PHILLIPS OVAL, ZINC

9. EXPLODED VIEW