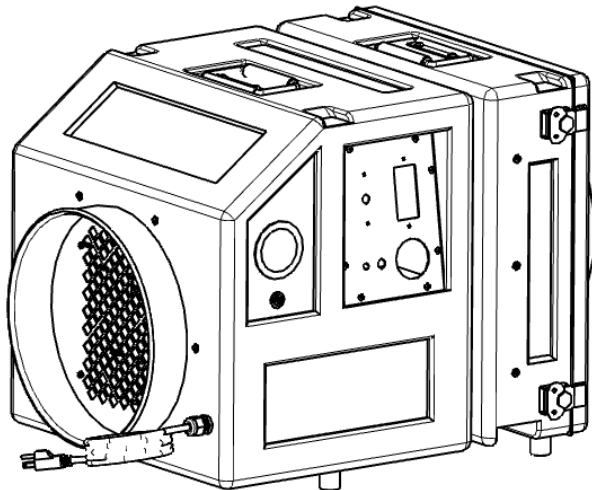


EXPRESS AIR

BEAST 600

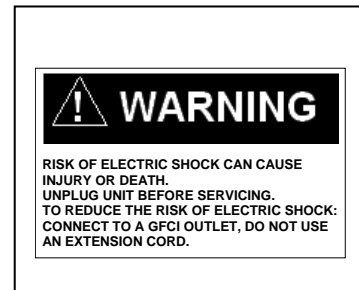
**MINI
POLY AIR SCRUBBER**

INSTRUCTION MANUAL



IMPORTANT SAFETY INSTRUCTIONS
READ ALL INSTRUCTIONS BEFORE USING THIS MACHINE.

“READ AND SAVE THESE INSTRUCTIONS”



RISK OF FIRE, ELECTRIC SHOCK, OR PERSONAL INJURY

- Unit must be electrically grounded.
- Do not use an adapter.
- Plug into matching three-pronged GFCI receptacle only.
- Do not operate in standing water.
- If electrical components become wet, allow to dry completely before using.
- Unplug unit before performing any maintenance, filter changes or cleaning.
- Inspect cord and plug for damage before use.
- Do not touch cord with wet hands or while standing on wet surface.
- Do not operate in flammable or explosive areas.
- Do not clean unit while plugged in.'
- This unit has been designed for indoor use only.
- Do not use to exhaust hazardous or explosive materials or vapors

IMPORTANT SAFETY INSTRUCTIONS

- a. “Do not operate any unit with a damaged cord or plug. Discard unit or return it to an authorized service facility for examination and/or repair.”
- b. “Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings.
- c. Arrange cord away from traffic area and where it will not be tripped over.”



All Nikro Industries Inc. products that have rated efficiencies of 99.97% @ 0.3 microns and/or 99.99% @ 0.3 microns, have H.E.P.A. filters that have been individually tested to meet these minimum efficiencies.

Although all the filters have been pre-tested, the possibility of leaks or filter failure due to handling, transportation, punctures, loaded filters, moisture, wear and tear, etc., does exist.

Therefore, when using this equipment in highly sensitive areas or where any release of particles above and beyond the minimum efficiencies would be detrimental and harmful to humans, plants or property; it is strongly recommended that the units be individually tested prior to their use.

This is to assure that they are maintaining the efficiency levels, which they were designed to filter out.

FAILURE TO DO SO COULD RESULT IN SERIOUS HARM TO HUMAN LIFE, PLANT LIFE AND/OR PROPERTY.



BACKDRAFTING AND CARBON MONOXIDE FUMES

To prevent the back drafting of deadly carbon monoxide, when using your portable air scrubber to create a negative pressure in a containment area, turn off all open combustion devices such as but not limited to fireplaces, hot water heaters, furnaces, boilers etc.

1115 N. Ellsworth Ave., Villa Park, IL 60181
Telephone: 630-530-0558 FAX: 630-530-0740 Toll Free: 800-875-6457

Your #PS600 Poly Air Scrubbing System has been thoroughly tested and inspected at the factory and is fully assembled and ready for use. However, prior to plugging the unit in, inspect it for any damage that may have occurred during shipping. Inspect and tighten the HEPA filter hold down nuts, which may have loosened during transportation.

ELECTRICAL RATING:

115V 3 Amps 60 HZ

FILTER SET-UP PROCEDURES

The Model #PS600 Air Cleaning unit is equipped with three stages of filtration as follows:

#860958 1" Polyester Filter Pad (1ST Stage)

#860959 2" Pleated Filter (2nd Stage)

#862074 H.E.P.A. Filter (99.97% efficient @ 0.3 microns) (Final Stage)

The H.E.P.A. Filter is held in place by 4 nuts and 2 – hold down brackets. Slide the brackets over the threaded mounting studs located on the inside of the housing. Thread the nuts over the brackets and tighten securely with a 1/2" wrench. Be sure these nuts & brackets are always tightened securely on the frame of the HEPA filter to guarantee a tight seal with the H.E.P.A. Filter and the filter frame of the unit. The air flow arrows on this filter should always be directed towards the motor and blower assembly. Always turn off and unplug unit when removing or replacing the H.E.P.A. filter. (See Photo 1)

The 2" Pleated Filter should be set in front of the H.E.P.A. Filter. The air flow arrows on this filter should always be directed towards the H.E.P.A. Filter. (See Photo 2)

The 1" Polyester Filter Pad should be placed in the door frame of the unit. Close the hinged door of the unit and snap the latches into the locked position...Unit is ready for use. (See Photo 3 & 4)

An optional Carbon Filter can be used to help control odors. Simply replace the #860959 – 2" Pleated Filter with #860960 – 2" Carbon Filter (sold separately).



FILTER MAINTENANCE

When performing filter maintenance always wear proper personal protective equipment and clothing. Always follow safe working practices including proper disposal and handling of used filters in accordance with all federal, state and local regulations.

The model #PS600 Air Cleaning unit is equipped with a Filter-Monitor gauge. This gauge is located on the control panel of the unit. When gauge reads 2" or higher (in highest speed position), filter maintenance is required and the following steps should be taken:

1. Change the 1" Polyester Filter pad (this filter cannot be cleaned or reused. Dispose of Properly)
2. Close cabinet door and turn unit on.. If gauge continues to read 2" (in highest speed position) or higher go to step #3
3. Change the 2" Pleated Filter (this filter cannot be cleaned or reused. Dispose of Properly)
4. Close cabinet door with all filters in proper position. Turn unit on. If gauge continues to read 2" or higher (in highest speed position), the H.E.P.A. Filter must be replaced. (This filter cannot be cleaned or reused. Dispose of Properly)

NOTE: FILTERS SHOULD BE REPLACED IMMEDIATELY IF TORN OR DAMAGED.

USE OF ANY OTHER FILTERS THAN ORIGINAL NIKRO REPLACEMENT PARTS VOIDS THE PRODUCT WARRANTY AND PERFORMANCE CLAIMS

TO AVOID CROSS CONTAMINATION CHANGE ALL FILTERS AFTER EVERY REMEDIATION JOB AND CLEAN ENTIRE UNIT THOROUGHLY BEFORE REMOVING IT FROM THE CONTAINMENT AREA.

BEFORE OPERATING THE UNIT

1. Inspect cord and plug for damage.
2. Visually inspect the HEPA Filter for damage, punctures or tears. If you are operating in or exhausting into a highly sensitive area it is strongly recommended that this unit is independently tested to assure proper filtration efficiencies.
3. Inspect and tighten the HEPA filter hold down nuts, which may have loosened during transportation of the unit.

TRANSPORTING AND STORING UNIT

1. Always handle this unit with care. Rough handling such as dropping, or tipping over the unit, bouncing around in a vehicle, and impact from rolling over or off of curbs, stairs and other platforms, could cause serious damage to this unit.
2. Always clean and decontaminate unit before storing it. Store this unit indoors in a dry location.

TROUBLE SHOOTING

PROBLEM	POSSIBLE CAUSE	REMEDY
Machine will not start	Power cord unplugged	Plug cord into outlet
	Blown or tripped circuit breaker	Replace/reset building fuse or breaker
	Tripped thermal protector on motor	Turn off unit and let cool for Approximately 20 minutes, then turn back on.
	Tripped ground fault	Push reset button on the GFCI located on the control panel
Machine will not run Continuously	Motor speed control set to low	Start motor in highest speed position then lower speed after start-up
	Not enough amperage	Use a larger circuit or remove other appliances from circuit
	Extension cord too long or inappropriate gauge.	Use a 12 gauge extension cord Maximum length 50'
No power to GFCI outlet control panel	Tripped GFCI on control panel	Reset the breaker on the GFCI

CLEAN AIR EXHAUST DISCHARGE

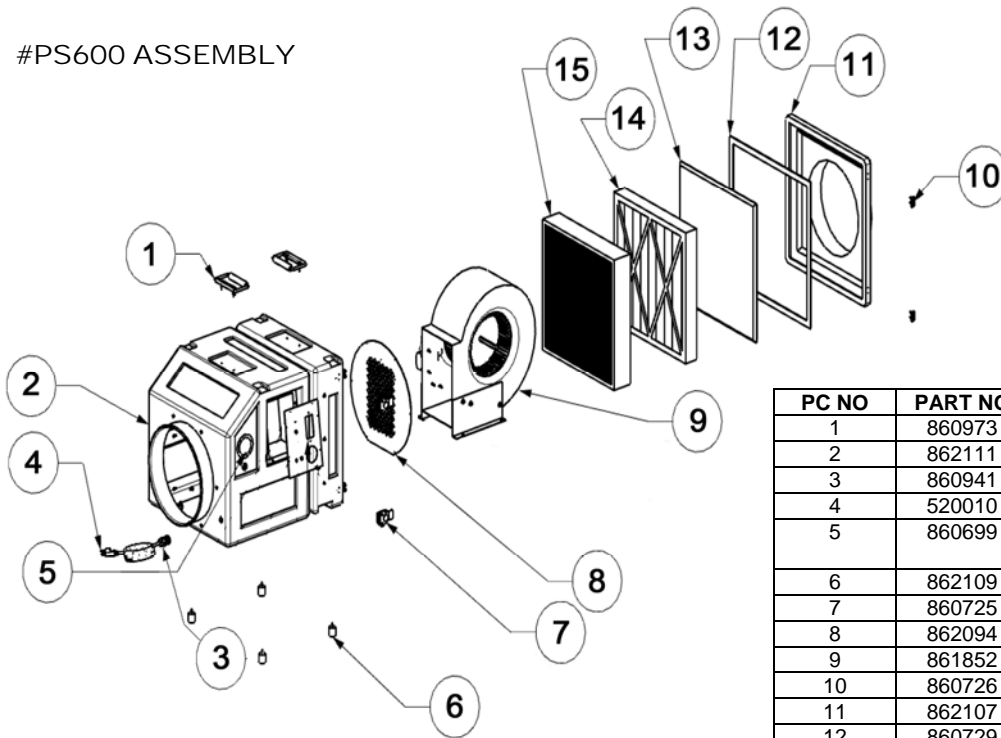
This portable air scrubber allows the operator to connect a 12" exhaust hose to the unit allowing for remote or controlled exhausting and/or to create a controlled negative pressure in a contained area. Simply connect a 12" hose (#860243) to the 12" exhaust flange located on the back/exhaust end of unit and extend the hose to the desired area you wish to exhaust to.

AIR INTAKE FLANGE

This scrubber also has an air intake flange, which allows the operator to connect a 12" hose and place the open end of the hose in a contaminated area and the air scrubber in another remote area.

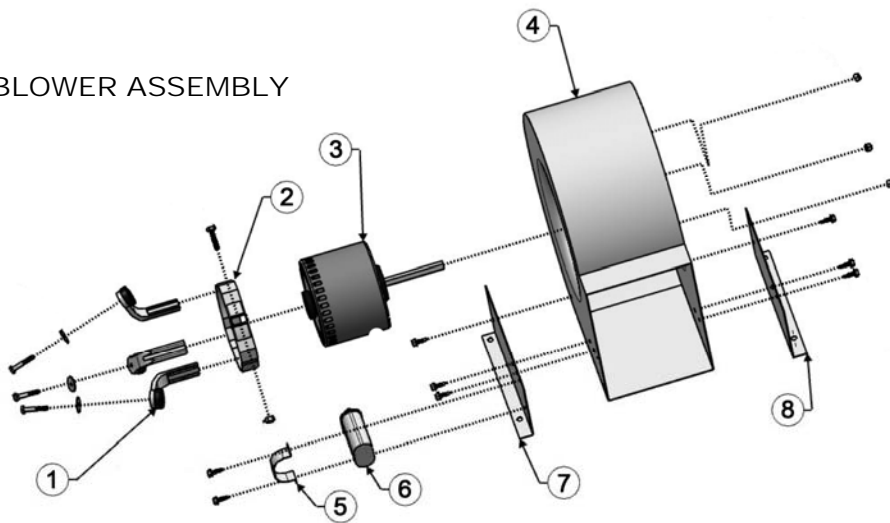


#PS600 ASSEMBLY



PC NO	PART NO	PART NAME	QTY
1	860973	HANDLE	2
2	862111	CABINET	1
3	860941	CORD STRIAN RELIEF	1
4	520010	ELECTRICAL CORD	1
5	860699	FILTER MONITOR GAUGE	1
6	862109	RUBBER FOOT	4
7	860725	LATCH	2
8	862094	EXHAUST PANEL	1
9	861852	BLOWER ASSEMBLY	1
10	860726	STRIKE	2
11	862107	DOOR	1
12	860729	DOOR GASKET	1
13	860958	1" FILTER PAD	1
14	860959	2" PLEATED FILTER	1
15	862074	HEPA FILTER	1
NOT SHOWN	862106	HEPA BRACKET	2

#861852 BLOWER ASSEMBLY

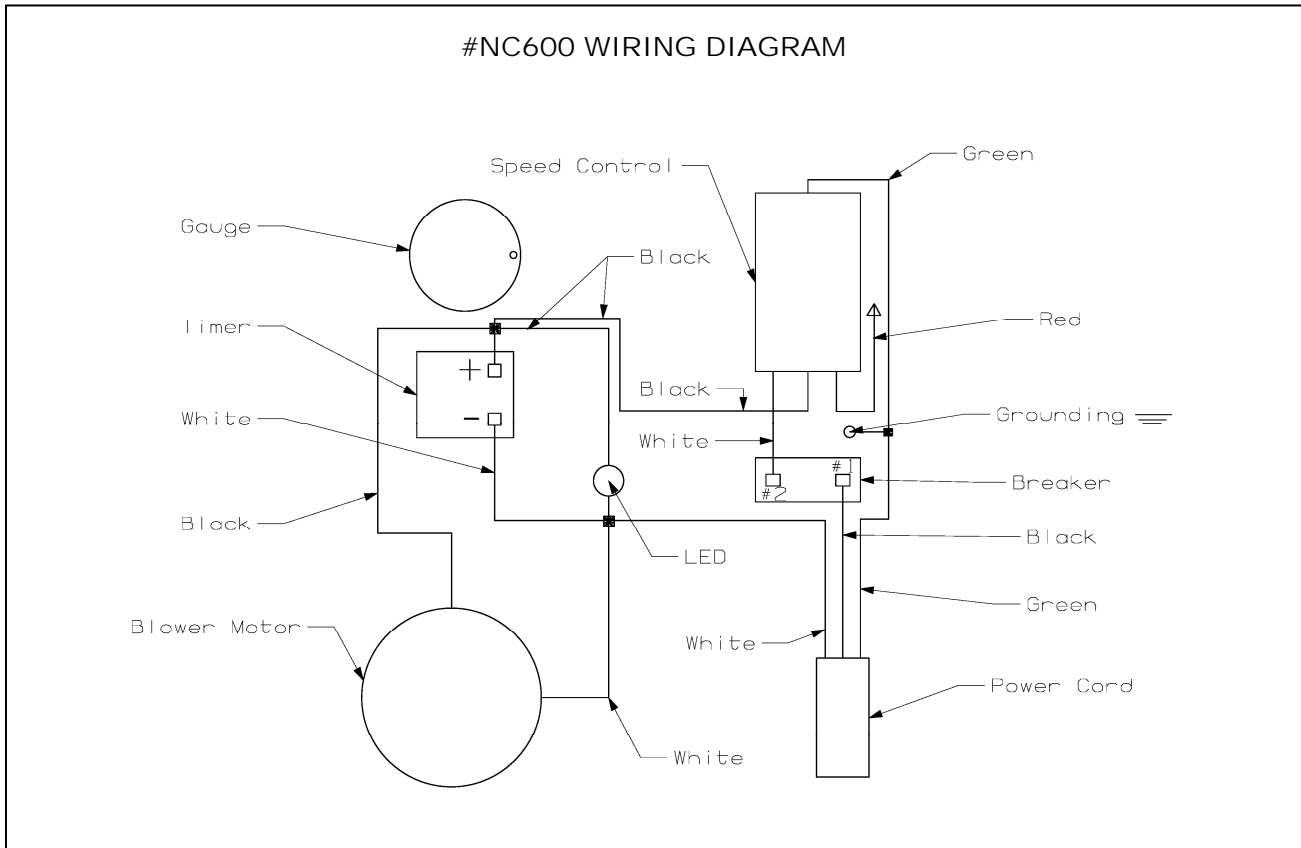
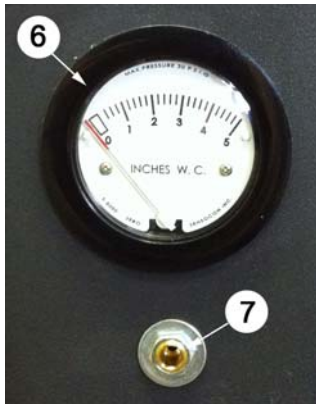


PC NO	PART NO	PART NAME	QTY
1	862076	MOTOR BRACKET ARM	3
2	862075	MOTOR BRACKET	1
3	861850	MOTOR	1
4	861851	BLOWER	1
5	861924	CAPACITOR BRACKET	1
6	861204	CAPACITOR	1
7	862102	LEFT SMALL BLOWER LEG	1
8	862103	RIGHT SMALL BLOWER LEG	1
	861852	BLOWER ASSEMBLY COMPLETE	

CONTROL PANEL



PC NO	PART NO	PART NAME	QTY
1	861026	VARIABLE SPEED CONTROL	1
2	862110	GFCI OUTLET	1
3	860976	CIRCUIT BREAKER	1
4	861067	POWER INDICATOR LIGHT	1
5	860954	HOUR METER	1
6	860699	FILTER MONITORING GAUGE	1
7	860721	GAUGE RELIEF BARB	1



WARRANTY

Nikro Air Scrubbers are warranted for 1 year from the date delivered to the original end user and may not be assigned or transferred.

Parts, which become defective due to faulty workmanship or materials during normal use in this period will be repaired or exchanged at no charge if returned and approved by an authorized Nikro service center. All replaced or repaired parts shall only be warranted for the remainder of the original one year warranty period.

After the expiration of the one year warranty, all warranties on this unit including fitness for a proposed usage or purpose will become void.

The end user shall be responsible for freight charges incurred to deliver warranted product to an approved Nikro service center. Nikro shall be responsible for freight charges incurred in returning unit to customer, but not to exceed the original freight charges to customer.

It shall be wholly Nikro's decision to repair, replace or refund the purchase price of any such defective goods.

This warranty does not apply to normal wear and tear, neglect, misuse, abuse or incorrect installation. If any other replacement parts, filters or attachments are used other than original Nikro parts, this warranty will become void.

Nikro disclaims responsibility for loss of production, profits, goodwill or any other costs that may indirectly occur due to the failure of this product.

H.E.P.A. FILTER STANDARDS AND CERTIFICATION

All Nikro H.E.P.A. filters are manufactured and individually tested using the MIL-STD 282 D.O.P. test, or the IEST-RP-CC-001.3 test method.

Each filter is tested and certified to have a minimum efficiency of 99.97% @ 0.3 micron particles. All filters are then individually labeled and registered by the manufacturer.

All H.E.P.A. filters used in Nikro equipment meet, and in most cases, exceed the minimum standard of 99.97% efficiency @ 0.3 micron particles, and comply with OSHA and EPA standards for cleaning the air of toxic and nuisance dust such as mold, lead and asbestos.

ELECTRICAL CERTIFICATION



**ETL LISTED
CONFORMS TO UL STD 507
CERTIFIED TO CAN/CSA STD C22.2 NO. 113**