



USER MANUAL

07-08-2026

TRITON 440 CUTAWAY

Filter
Access Door
(Back of Unit)

Intake
Grills

Air
Speed
Control

HEPA
Filter

Electrostatic
Pre-Filter

Blower/Motor

Air Output
(Bottom of Unit)

Caster Wheels



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UNPACKING & INSTALLATION INSTRUCTIONS

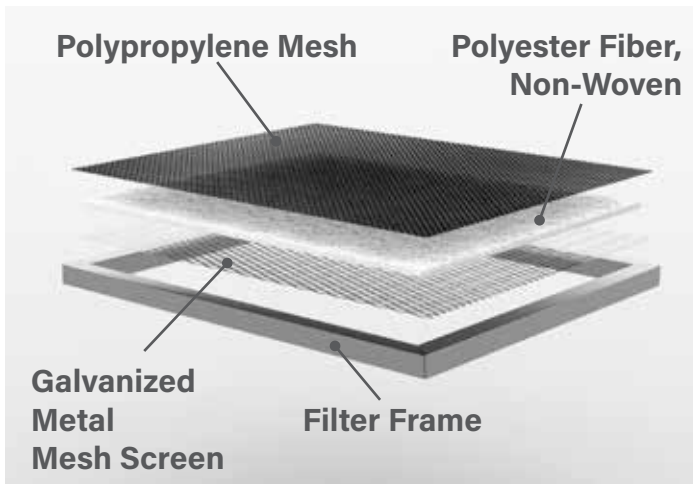
If there is any visible external damage to the pallet or box, note this on the shippers paperwork prior to accepting the delivery. If the contents of the pallet are visibly damaged, refuse to accept the shipment and advise Air-Care immediately. Remove the outer box and inspect for damage.

Report all damage immediately to your carrier. If special set-up instructions are required, they will be taped to the outside of the equipment or in the "Operating" section of this manual. Inspect all of the packing material for small parts before discarding packaging material.

CHECK THAT ALL PARTS ARE PRESENT

1. Triton 440 main assembly.
 2. 15' grounded power cord
- Open the back door and check for the filters inside:**
3. Pre-Filter (5 extra filters are included)
 4. HEPA filter

FILTERS

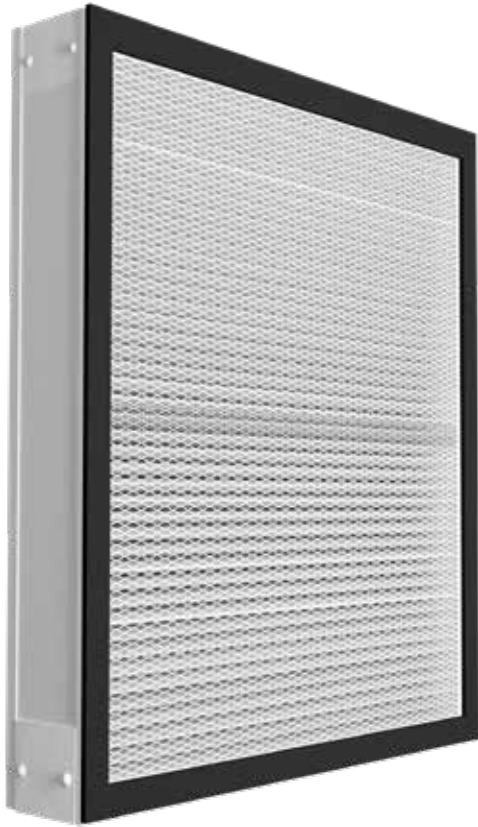


Pre-Filter (16" x 19" x 1")

The pre-filter has three layers of cleaning. This filter collects most of the larger particles that enter the purifier.

Polypropylene Mesh. This captures many larger particulates using static electricity to capture the smaller particles.

Polyester Fiber, Non-Woven. This layer captures additional particles.
(Part Number F0068)



HEPA Filter

HEPA Filter (16" x 19" x 2.5")

The HEPA Filter included in your purifier is a medical grade filter used in hospitals and other medical facilities due to its ability to remove 99.97% of dust, pollen, mold, and bacteria down to .3 microns. (Part Number FG0189)

SAFETY PRECAUTIONS

ALWAYS use safe and common sense precautions when using Air-Care equipment. Do not block walkways with equipment. Remove delicate and breakable articles from the immediate air flow area. The following are precautions that should be reviewed by all persons who will be involved in the cleaning activity.

- Other than the filters, there are no user serviceable components in the Triton 440. Only trained technicians should attempt to make internal repairs on this equipment.
- Always turn off the main power knob on the front of the unit, or disconnect the power before opening or removing the back or removing the filters from the Triton 440.
- Be sure all power cords and electrical extensions are rated to meet or exceed the original Air-Care power cords (16/3 grounded gauge), and inspect all AC power plug to be sure the ground pin is in place.
- All Air-Care equipment is designed for US standard 115 volt, 60 Hz AC. Most Air-Care equipment can be special ordered to meet other worldwide standards for a reasonable price and delivery schedule. The Triton 440 can be for 120/220 Volt 50/60 Hz.

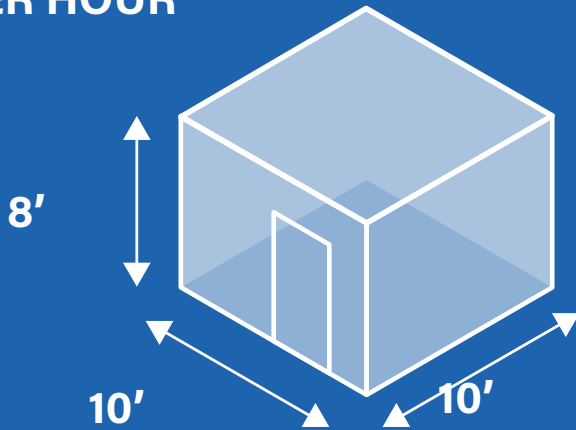
OPERATING THE TRITON 440

1. Place the unit in the desired location
2. Before operating the unit, check to see if the fan speed knob is in the OFF POSITION ("0" on the gage)
3. Plug one end of the electrical cord to the socket in the back of the Triton 440
4. Place the other end of the electrical cord into an electrical outlet
5. Turn the speed knob clockwise to your desired air flow setting.

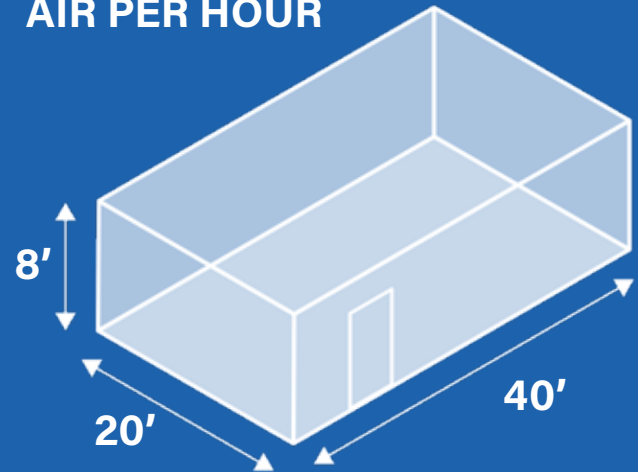


CALCULATE ROOM SIZE FOR EFFECTIVE PURIFICATION

**10'x10'x8'=800 CUBIC FEET=
32 EXCHANGES OF AIR
PER HOUR**



**20' X 40' X 8' = 6400 CUBIC
FEET = 4 EXCHANGES OF
AIR PER HOUR**



AIR EXCHANGE BASED ON ROOM SIZE

The size and number of machines depends on the volume of the space being cleaned as well as how many Air Changes per Hour (ACH). As a starting point, calculate the square footage of the room or rooms, multiply by the ceiling height. It is generally recommended to have 3 to 4 air changes per hour in occupied areas

SMALL ROOMS 10' X 10' X 8' = 800 CUBIC FEET = 32 EXCHANGES OF AIR PER HOUR

MEDIUM ROOMS 20' X 20' X 8' = 3200 CUBIC FEET = 8 EXCHANGES OF AIR PER HOUR

LARGE ROOMS 20' X 40' X 8' = 6400 CUBIC FEET = 4 EXCHANGES OF AIR PER HOUR

EXTRA LARGE ROOMS 30' X 40' X 8' = 9600 CUBIC FEET = 3 EXCHANGES OF AIR PER HOUR

The Triton 440 circulates ambient air through its filter system and exhausts clean air into that environment.

The Triton 440 is small enough to be placed in a corner of a room or beside a piece of furniture and quiet enough to not hinder normal conversation.

Multiple units can be used in larger areas to distribute the filtration without requiring ducting in the room. The size and number of machines depends on the volume of the space being cleaned as well as how many Air Changes per Hour (ACH) required. As a starting point, calculate the square footage of the room or rooms, multiply by the ceiling height. It is generally recommended to have 3 to 4 air changes per hour in occupied areas. To convert this requirement to a Cubic Feet per Minute (CFM) spec for the Air Purifier, multiply the Volume of the work area by 4 (or 3) changes/Hour then divide by 60 Minutes/Hour.

Length x Width x Height x 4 = cfm

60

To calculate the required CFM to filter the air in a room that is 15 feet wide by 40 feet long with an 8-foot ceiling, plug in the size of the room in the formulas for either 3 or 4 air changes per hour (ACH)

$$4 \text{ ACH } \frac{15 \times 40 \times 8 \times 4}{60} = 320\text{cfm}$$

$$3 \text{ ACH } \frac{15 \times 40 \times 8 \times 3}{60} = 240\text{cfm}$$

$$4 \text{ ACH } \frac{15 \times 40 \times 11 \times 4}{60} = 440\text{cfm}$$

$$3 \text{ ACH } \frac{15 \times 40 \times 11 \times 3}{60} = 330\text{cfm}$$

As the filters become loaded, the effective cfm will drop slightly, so be sure you have a little more capacity than the minimum.

Air Purifiers may be required to circulate and filter the air within one or more of the contaminated areas to be collect contaminants as they are released into the air, as well as making certain there are no "dead spots" in the contained area where there could be a contaminate buildup.

PURIFIER MAINTENANCE

CLEANING THE OUTSIDE OF THE PURIFIER

The outside of your purifier should be cleaned occasionally with germicidal soap and water.

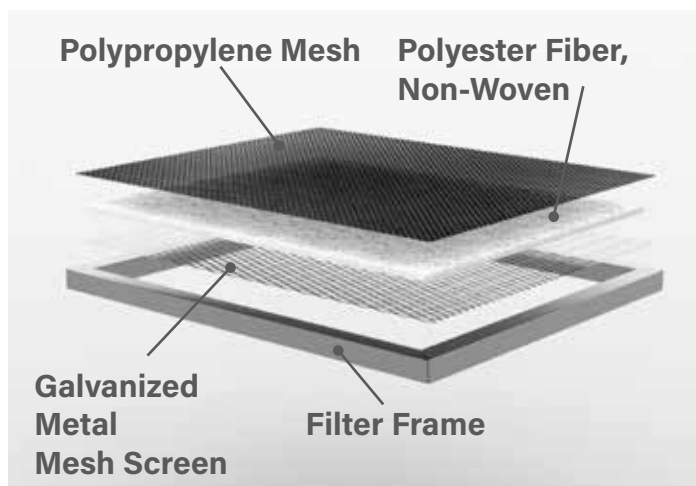
THE PRE-FILTER

The prefilter/filter pad will most likely be the part that is contaminated the quickest as it traps larger particulates in the air.

REPLACING THE FILTER PAD

It is recommended that you wear protective clothing and gloves as this filter will most likely be very dirty with captured contaminants.

1. Remove the polypropylene mesh
2. Remove the dirty pad and dispose
3. Insert new pad and return the polypropylene mesh after cleaning it.



**REPLACEMENT FILTERS CAN BE
PURCHASED FROM
WWW.AIR-CARE.COM
OR TO FIND A RETAILER NEAR
YOU CALL 800-322-9919**



Feature/Specification	Triton 440
Weight Lbs.	65
HEPA Filter (Multi-Stage)	99.97 @ 0.3 Microns (H13)
Pre-Filter	Multi-Layer Electrostatic
OZONE Free	YES
Energy Efficiency CFM/Watt	2.7
Motor	120/220 50/60 Hz
Wattage	165
Power Cord Length, w/ Ground Pin	Detachable 15 ft.
Number of Speeds	Continuously Variable
Motor HP	.4 HP
CFM with Filters	440
CFM Free Air	1250
Recommend HEPA Change	Yearly
Recommend Pre-filter Change	Replace 90-120 days with included Pads up to 18 months supply.
Sound Level dB	46-65
Dimensions	21" x 21" x 27"
Casters	4 x 2" Locking Swivel
Construction	ABS
Air Changes Per Hour in 1,300 ft ² x 8' = 10,400 ft ³	2.5 ACH
Removes Particles Related to Allergies, Asthmas, etc.	YES
Made in USA	YES
Warranty	1 Year
Manufacturer Recommended Application	Healthcare Facilities, Schools, Offices, Homes

*E.P.A. Establishment Number: 96893-NV-1

Triton 440 Part #: FG0292

Triton 440 UPC: 850073560358

Part # FG0189 HEPA 16" x 19" x 2.5"

Part # F0068 Replacement Pads 5 Pack 16x19

Rev: 07-08-2026



LIMITED WARRANTY

TRITON 440

Air-Care warrants this product to be free from defects in materials and workmanship to the original purchaser from the date of purchase.

Motors	1 Year
Wheels	1 year
Consumables	Not Covered

Warranty covers both parts and labor (labor is to be performed at Air-Care's facility located at 3868 E. Post Road, Las Vegas, Nevada).

Warranty is extended to the original purchaser and is not transferable.

This warranty does not extend to any damage to a product caused by or attributable to freight damage, abuse, misuse, improper or abnormal usage. Warranty is also void if the product has been modified or altered in any way.

The purchaser is responsible for the cost of shipping the equipment to Air-Care's facility for evaluation. If found to be defective and covered by the terms of this warranty, Air-Care will pay ground shipping charges on the repaired or replaced item back to the purchaser's location. Any additional expedited service charges for quicker shipping shall be born by the purchaser. If the product or component is not found to be a warranty issue, the purchaser will be responsible for return shipping charges.

Air-Care is not responsible or liable for indirect, special, or consequential damages arising out of or in connection with the use or performance of the product; damages with respect to any economic loss, loss of property, loss of revenues or profits, loss of use, or other incidental or consequential damages of whatsoever nature.

The warranty extended hereunder is in lieu of any and all other warranties, and any implied warranties of any type.

This warranty gives you specific rights. These rights and others vary from state to state.

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