

MedEvac

Models: ME-100 , ME-200 & ME-500

Instruction Manual

1- INTRODUCTION

Congratulations! You are now owner of a QUATRO purifier, an advanced effective purifier, designed specifically for the human respiratory system. You can expect a noticeable improvement in air quality as the unit begins the process of reducing microscopic airborne particulate, dust, harmful gases and smoke.

2- SAFETY PRECAUTION

Read all of the instructions contained within this manual before operating this unit. Keep this manual, as it contains information for proper operation and maintenance. Keep all fastening hardware tight to ensure that the unit is in safe working condition. Familiarise yourself with the way in which filters are installed & replaced. All filters must be in place whenever this machine is in operation. Use only on a grounded electrical circuit; do not use any two-wire electrical prong adapters to defeat proper grounding. If servicing the unit, be careful not to touch the motor as soon as it has been turned off. It is hot and can cause injury. **Do not substitute any other filters odor granules.**

3- ALWAYS UNPLUG FROM SUPPLY BEFORE DOING ANY MAINTENANCE OR FILTER SERVICE

Upon arrival, inspect unit for either visible or concealed damage. Damage should be immediately reported to the transport company.

4- PRE START-UP CHECKLIST

- All filters are present and are correctly installed prior use;
- Labels and serial numbers are present for future identification;
- Verify that power supply is compatible with equipment. Check the unit is plugged into a grounded receptacle;
- The casters (wheels) must be secure in place prior the moving the air purifier.

5- START-UP

a) Place the air purifier in the desired area for use. Lift off lid, ensure all filters are installed in proper sequence

ME-100: PN: F075 filter at bottom, F073 filter on top **ME-200:** PN: F075 filter at bottom, F072-gpc in middle, F071-2"dust filter on top

b) Install AA005 Deluxe Mobile Arm into one of two 3" dia. Openings on top of unit;

c) Make sure the air intake area (bottom) is not obstructed in any way.

d) Insert male end of power cord into grounded circuit;

e) Turn power toggle switch to "HIGH" position.

f) Air purifier should now be functioning and operational;

WARNING: DO NOT OPERATE UNIT UNLESS ALL FILTERS ARE IN PLACE.

6- FILTER MAINTENANCE PROGRAM

ME-100 & ME-500 (HEPA Air Purification)

Part No.:	Stage #	Filter Type	Replacement Time
F073(6/bx)	Stage I	Hi Cap Dust Filter	Every 6 – 12 months *
F075	Stage II	Hi-Cap Filter	Every 24-30 months *

ME-200 (HEPA and Odor Purification)

Part No.:	Stage #	Filter Type	Replacement Time
F071(6/bx)	Stage I	Dust filter	Every 3-6 months
Nc-gpc	Stage II	Odor Granule refill	When odor is detected
F075	Stage III	F075	24-30 months

* Replacement Times may vary and are dependant on usage of your purifier.

7- ME-100, ME-200 & ME-500 SPECIFICATIONS

Dimensions, Height:	28.5"(724mm)	Voltage / Current	120/1/60 / 1.0amps
Dimensions, Width: *	12.75" (324mm)	Max. Power Consumption:	85watts
Dimensions Length:	15.75" (400mm)	Approx. Weight:	48lbs (22kgs)

8- FILTER REPLACEMENT – ME-100 & ME-500

Proper maintenance is critical to extend the life of the filtration system. The information presented below outlines basic maintenance procedures ensuring the unit will provide trouble-free operation for years to come. The purifier is designed to allow quick access to the filters, blower/motor and control panel assembly.

Stage I (Top) Hi Capacity Filter p/n F073

- Change the HiCap filter every 6 to 12 months depending on usage;

- To do this, turn OFF the unit. Unplug from wall outlet, unlatch the top section and remove;

- Pull out Stage I through the top. Replace with new Hi Capacity filter (make sure air flows are pointing down) Secure top back into position and both latches .

The airtight seal should be maintained.



Stage II (Bottom) HEPA (p/n F075)

- Under typical applications, should last between 24 to 30 months (depending on applications);
- To do this, turn OFF the unit . Unplug from wall outlet. Unlatch the top section and remove;
- Pull out HEPA Filter from the top;

10- FILTER REPLACEMENT – ME-200

Proper maintenance is critical to extend the life of the filtration system. The information presented below outlines basic maintenance procedures ensuring the unit will provide trouble-free operation for years to come. The purifier is designed to allow quick access to the filters, blower/motor and control panel assembly.

Stage I (Top) DUST FILTER p/n F071

- Change the Dust Filter filter every 3-6 months depending on the dust level in the area;
- To do this, turn OFF the unit. Unplug from wall outlet, unlatch the top section and remove;
- Pull out Dust Filter through the top. Replace with new Dust filter (make sure air flows are pointing up) Secure top back into position and both latches . The airtight seal should be maintained.

Stage II (Middle) Filter Tray Odor Granules**

It is important the odor granules be replaced immediately upon any detection of odor from air purifier.

(odor granule, refill only, p/n F072-gpc)

To refill tray with new odor granules:

- a) Ensure that the unit is unplugged, unlatch top section and remove.
- b) Pull out filter tray and discard any remaining odor granules, refill with new odor granules.
- c) Put filter tray back into position (Stage II / middle). Secure top back into position and both latches. The airtight seal should be maintained.

Stage III (Bottom) HEPA p/n F075

- Under typical applications, should last between 36 to 60 months (depending on applications);
- To do this, turn OFF the unit . Unplug from wall outlet. Unlatch the top section and remove;
- Pull out HEPA Filter from the top;

13- MOTOR SERVICE

- The motor is brushless. No user motor maintenance is required .

14- ANNUAL GENERAL INSPECTION

Every 12 months, verify that all gaskets (seals) are in proper condition. Should the gaskets adhere to the filter, lubricate its surface with a transparent grease or petroleum jelly. Should the unit be relocated continuously for optimum efficiency, ensure all casters (wheels) are tightly fastened and secure.

15- TROUBLESHOOTING GUIDE

Symptoms	Possible Cause	Suggested Solution
Unit will not start	Faulty Power supply Return or supply grille blocked HEPA filter improperly installed Blown fuse Unit not plugged into receptacle	Check breaker box Remove obstruction See Section 9, 10,11 Replace fuse Plug unit in
Excessive noise	Motor wheel contacting inlet ring Fan isolators loose or off	Realign/replace motor Replace isolator
Insufficient airflow	Obstruction in system or clogged filters	Remove obstruction or replace filters
Excessive airflow	Filters not in place	Install filters

16- REDUCTION IN AIRFLOW

As the unit cleans the air, the filters are removing the particles of dust and dirt in the air. As the filters accumulate dirt (both visible and microscopic), a restriction on the motor is created. As the restriction becomes greater, the air capacity delivered by the motor decreases and the air purification less effective. IT IS VERY IMPORTANT TO CHANGE FILTERS ON A REGULAR BASIS (See filter maintenance above).

17- WARRANTY

QUATRO Air Technologies warrants its equipment to be free from defect in material and workmanship under normal use and service for a period of two year from date of shipment. QUATRO's obligation under this warranty shall be limited to replacing any parts, thereof, which shall be demonstrated to have been defective.

This is expressly in lieu of all other warranties, express or implied, including the warranties of merchantability and fitness.

QUATRO claims no warranty as to merchantability or as to the fitness of the merchandise for any particular use and shall not be liable for any loss or damage. No person, firm or corporation is authorised to assume for QUATRO any other liability in connection with the sale of these goods. Equipment, parts and material manufactured by others and incorporated in QUATRO's equipment are warranted by QUATRO only to the extent of the original manufacturer's liability to QUATRO Air Technologies Inc.

Conditions and Limitations:

This warranty does not cover abuse, misuse, maintenance negligence, improper assembly, acts of vandalism, acts of God, fear wear, modifications of the equipment or installation of a part not recommended by QUATRO Air Technologies, as well as operation of the equipment at voltages other than those specified by QUATRO Air Technologies Inc.

18- SPARE PARTS, ME100 & ME-200

Qty	Description	Part
1	Fuse	E086
4	Casters	H042
1	1/8" Gasket Roll (40')	H006

Qty	Description	Part
4	Fan Isolators	H454
1	Blower Motor Assy-120v	A045
1	Blower Motor Assy-230v	A009

Qty	Description	Part
1	Toggle Switch	E011
1	Line cord-120v	E118
1	Line cord (Std-230v)	E130

18- SPARE PARTS, ME500

Qty	Description	Part
1	Fuse	E086
4	Casters	H042
1	1/8" Gasket Roll (40')	H006

Qty	Description	Part
4	Fan Isolators	H454
1	Blower Motor Assy-120v	A001
1	Blower Motor Assy-230v	A035

Qty	Description	Part
1	Toggle Switch	E011
1	Line cord-120v	E118
1	Line cord (Std-230v)	E130

