

AF400m HEPA Air Purifier

Instruction Manual



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, pollen etc.

SAFETY PRECAUTION

Read 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. Motor can be hot and can cause injury.

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.

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.

START-UP

- Place the air purifier in the desired area for use. Ensure all filters are installed;
- Make sure the air intake area (bottom) is not obstructed in any way.
- Insert male end of power cord into grounded circuit;
- Turn power toggle switch to "HIGH" position.
- Air purifier should now be functioning and operational;

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

FILTER MAINTENANCE PROGRAM

Part No.:	Stage #	Filter Type	Replacement Time
F071-BX(6/bx)	Bottom	Dust Filter	Every 3-6 months
F475	Top	Hepa Filter	Every 12-24 months

FILTER REPLACEMENT - AF400m

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 1 (Bottom) DUST FILTER p/n F071-BX

- Change the dust filter every three months (or more) depending on the dust level in the area;
- To do this, turn OFF the unit. Unplug from wall outlet, unscrew the (2) thumbscrews at the base of the unit;
- Remove the door, replace filter, ensure you close door prior tighten thumbscrews prior to operation;

Stage II (Top) HEPA (p/n F475)

- Under typical applications, should last between 12 to 24 months (depending on applications);
- Switch OFF the unit . Unplug from wall outlet. Unlatch the top section and remove; - Remove HEPA Filter from the top

ALTERNATE Stage II FILTER SEQUENCE (Top) HEPA (p/n F074/F074)

- Switch OFF the unit . Unplug from wall outlet. Unlatch the top section and remove;
- Remove 2 HEPA Filters and replace with (2) NEW F074 FILTERS (MUST BE COMPRESSED BY METAL COMPRESSION ANGLE ASSEMBLY)

SPEED CONTROL

The unit is equipment with built-in speed control. By pressing & holding down the speed UP or DOWN triangles, you respectively increase and decrease unit's speed. When you reach the highest or lowest speed, the panel will continuously BEEP alerting you that you have reached the highest or lowest speed.

MOTOR SERVICE
WARNING: Switch unit off and unplug power cord from wall before servicing the blower.

Motor contains double shielded ball bearings with a special lubricant, assuring long life and quiet operation. No extra motor maintenance is required.

ANNUAL GENERAL INSPECTION

The sealing integrity of the unit is essential. Every 12 months, verify that all gaskets are in proper condition. Should the door gaskets adhere to the unit when opening a door, lubricate its surface with a transparent grease or petroleum jelly. Should the unit be relocated continuously for optimum efficiency, ensure all casters are tightly fastened.

Resetting "Service Filter(s)" Alert

Control panel contains a pre-set 2000 operating hour countdown timer to remind you to check filter status. When timed out:

- 1- Ensure filter access door is closed,
- 2- Plug power back to the unit
- 3- Press & hold SPEED UP & DN simultaneously until unit BEEPS
- 4- Hold for 10+ seconds, when panel is beeping continuously, release buttons
- 5- You are now in RESET MENU, in this condition, "System ON" Led is FLASHING QUICKLY
- 6- Press SPEED DN (2 Times) until "Service Filter(s)" LED is FLASHING
- 7- Press & HOLD POWER button while "Service Filter(s)" LED is FLASHING & unit is BEEPING continuously
- 8- Release, when LED stops FLASHING & stops BEEPING

TROUBLESHOOTING GUIDE

Symptoms	Possible Cause	Suggested Solution
Unit will not start	Faulty Power supply Return or supply grille blocked Blown fuse Unit not plugged into receptacle	Check breaker box Remove obstruction 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 or remove plastic around HEPA filters
Excessive airflow	Filters not in place	Install filters

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).

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.

REPLACEMENTS

Description	Part No:	Description	Part No:	Description	Part No:
Dust Filter (6/bx)	F071-BX	Caster Kit (4/pak)	AR188	Replacement Plastic grille	H507
HEPA Filter, 6" Deep	F475	Caster Kit (1/pak)	AR120	HEPA Filter, 2" Deep	F074 (2 reqd)