APPLEAIR USA LASER AIR PURIFIER

F40D Instruction Manual

Congratulations on investing in our Apple Air filtration System which will help in providing you with a cleaner and healthier workplace.

Before powering up your new machine please read this document first.

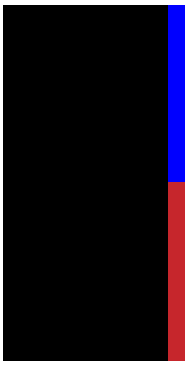
If you require assistance please reach out to your local distributor or contact us directly for help.

AppleAir USA Filtration Systems
Jacksonville, Fl 32254
PH 904-701-8655

support@appleairusa.com

www.appleairusa.com

Index



Page 1 Cover
Page 2 Index
Page 3 Unpacking Instruction
Page 4 Filter Locations & Power Safety
Page 5 Technical Information
Page 6 Completing the cycle
Page 7 Our story & Inspiration
Page 8 Warranty Information

Your machine serial number is_____

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E&OE

G Corp International ATF Chapman Family Trust T/AS Apple Air Filtration Systems
ABN 30 464 946 974

F40D Unpack & Setup Instructions

- When your machine arrives ensure it has traveled well with no damage. If any damage is present please photograph and call us immediately.

- Next remove the outside plastic wrapping. Make sure you wear safety glasses when unpacking. Put on safety glasses then cut the strapping carefully making sure it doesn't flick you in the eyes. Remember its under tension so it can cause insure so take care when cutting it. Next remove the top and stow away.

- Then remove the plastic covering and carefully discard. Have 2 people carefully lift the machine out of the packaging crate. Recycle the discarded the packing material.

- Next locate the following items.
- The 2 spigots being top and bottom and clamps.
- Find the remote control.
- Next find the power cable and extraction hose. The inlet is at the top of the machine and the bottom spigot is the air outlet.
- Next install the 2 spigots and attach the hoses with the clamps supplied. Push a ole into the rubber seal on the spigot before screwing them in so as not to amage the seal.
- The power cable may be pulled out further from the machine if you need more ength.
- Connect the inlet hose to your laser
- Wether you are venting outside or not I would recommend installing a hose to he outlet spigot as it will further reduce the noise of the fan within the machine.
- Then power up the machine.
- Adjust fan speed to suit your machine. The slower the fan runs the more effective the filtering will be. But that said the extraction speed needs to be enough to remove the pollutant from your laser fast enough so clears the cabinet quickly.

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What's included:

1 x 100mm D 5m long length of hose
1 x 100mm outlet spigot
1 x 100mm inlet spigot
2 x 100mm hose clamps
1 x Set of new filters
1 x Power cable
1 x Remote control
1 x User Manual

Filter Locations

To access the filters you need to first remove the top panel. You do this by placing your hands firmly on the top and pushing forward in the direction of the arrow. The top will slide forward around 25mm and you can then lift to remove it. Put the top safely to one side.

Next on the rear of the machine are 2 x tension screws. Turn them anti clockwise to loosen off the filters. Make sure to tension again once you have changed the filter or the efficiency of the filter will be reduced.

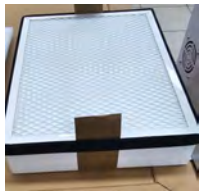
The filters are in 2 sections. Filter 1 sits in a metal frame that simply slides up and can easily be replace by opening the metal frame and replacing it with a new one..

Filters 2, 3 & 4 are in a cardboard module making it super convenient to install and replace. Filters 5-6-7 form part of the cardboard module. We recommend changing all at the same time.

Filter 1

Filter 2

Filter 3



Filter 4

Filter 5-6-7

Filter 1 Location

Filter 1 inside it's frame

Filter 2-7 Location

Faces the back of the machine

Faces the Front of the machine

Power Safety

Ensure the filter machine is powered off and the plug removed from the filter machine wall before attempting any cleaning. If you are unsure please contact your dealer or us for directly for safety advice.

Technical Information

There are 5 touch buttons on the front of the machine.

1. Reduce fan speed.
2. Increase fan speed.
3 Power On
4. Timer - not necessary for lasers.
5. Enter button - not necessary to use.

The fan speed should be high enough to clear the laser cabinet of pollutant. The slower the speed the more efficient the removal process will be but it needs to be high enough to clear the cabinet effectively.

The bank of GREEN Led lights shows the speed position.

We recommend changing the filters every 6 months. If they become clogged then change as required.

Make sure the power plug is removed from the machine before opening the top cover.

Please call 1300 311 411 if you have any questions.

The latest copy of this manual can be downloaded from our web site.

Completing the cycle

When we visit clients we use a digital 6 channel particle spectrometer to measure air quality in their workshop and office. In every visit we have measured higher than desirable levels of particle matter in the air. Air that they, their family and workers breath. This was also the case in our own home and workshop.

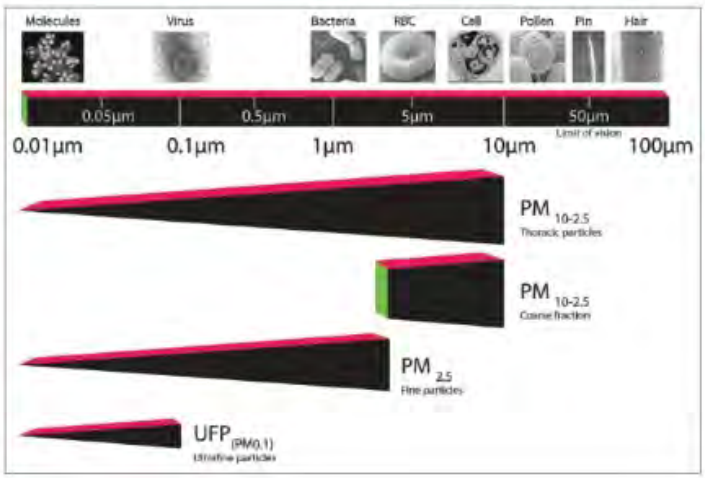
The filters client purchase deal with pollutant inside the machine but not in the workplace so we suggest client consider a room scrubber which essentially sits there cleaning the air, that you breath, in the room on a constant basis. Our Apple Air Defender is a popular choice as it is powered by cube stat system.

Defender comes with a 5 year warranty and free filters for 5 years with an extendable warranty available.

NOT CURRENTLY IN THE USA

Special Offer: As you have purchased a filter from us receive a on purchasing a defender.

This special offer is only valid for 3 months from purchase of your last filter.



Platinum Defender
Silently Protecting your workplace

Our story and Inspiration

There has to be a better way…

Our story dates back to 1988. At that time our MD Gary Chapman, was working for Email Air in Osborne Park Perth WA in the Commercial Air division. I always remembered thinking, thank goodness for filters as the byproduct that came from the filters we processed, especially shopping centres, was scary. What if people had to breath this stuff. What are the long-term health effects that we are yet to see going to be I wondered?

Fast forward to 1992. I then started selling wide format printing solutions into the sign and print industries. The solvent inks contained harmful VOC (Volatile Organic Compounds), and during that period ink technologies evolved to less harmful compounds but still far from ideal for humans to breath, and that still remains the case even to this day. Printers had to be in an airconditioned environment meaning the out gassing of vapours was being inhaled by staff, customers and sometimes families in the work place, and there were no real solutions to remove these toxins from the work environment.

Then in 1994 Gary and many others in the market started selling laser engraving and cutting technologies. While the laser produced no harmful gasses the material being engraved and cut most certainly did. MDF is full of nasty glues and chemicals and its probably the most commonly cut material, alongside Acrylics and many other materials. Some metal marking compounds are carcinogenic and still some people don't use filters.

Management of these harmful toxins is easy. Just add a filter system to connect to the machine. But of all the lasers I sold only 1 in 40 would install a filter system. Why? It was a 2-fold problem. First is the cost of the unit which in some cases was as much as the laser and the second was the cost replacing the filters and frequency of replacing them. Unfortunately for many, profits seem to come before health.

Fast forward to this year. After selling the business I had served for 33 years it was time to retire…or was it. My inspiration for starting this business comes from a friend and customer to try to make a difference in the way we do things. My friend was in the laser business for many years. Processing mainly timber products. A while back he developed a lung disease. The doctors know what the disease is but don't know what causes it. I wondered if what he was breathing in, as he had no filtration, was in part responsible? Following the diagnosis, a double lung transplant was performed. All went well for 12 months before rejection set in and that's what has inspired me to try to make a difference through education & innovation.

Price of units and filters was the impediment to purchase. So along with my overseas partners we have brought to market premium solutions to make a real difference. Filter systems start at around 1k for a small one and for a larger one around 3k, Filters prices are the lowest on the market and need to be changed annually – not quarterly.

And so the journey begins. No matter what your situation you should always protect your health. I have brought to market our cost-effective range of "Apple Air" Premium filtration systems…. For the past 33 years I have sold commercial machinery that puts pollutant into the air. For the rest of my days I will try to make a difference selling solutions to prevent that…..For Larry.

Warranty Information

G Corp International ATF Chapman family trust trading as Apple Air Filtration Systems Warranty Statement ABN 30 464 946 974

Limited Warranty

Thank you for choosing Apple Air Filtration Systems. We are dedicated to providing high-quality machines, and we stand behind the performance and reliability of our products. This warranty statement outlines the terms and conditions of the limited warranty coverage provided for the machine you have purchased.

1. Warranty Coverage

Apple Air Filtration Systems warrants that the machines you have purchased are free from defects in material and workmanship under normal use for a period of 2 Years from the date of purchase.

2. What is Covered

This warranty covers the repair or replacement, at Apple Air Filtration System's discretion, of any defective parts or components. The repair or replacement will be performed using new or refurbished parts.

3. What is Not Covered

This warranty does not cover:

Normal wear and tear
Filters installed in the machine
Damage caused by misuse, abuse, or neglect
Unauthorized modifications or repairs
Damage caused by accidents or natural disasters or used in a manner not designed for

4. How to Obtain Warranty Service

To obtain warranty service, please contact either you dealer you purchased your machine from or our service department at either support@appleairusa.com or 904-701-8655. You may be required to provide proof of purchase and describe the issue in detail. Our customer service representative will guide you through the warranty process.

5. Exclusions and Limitations

To the extent permitted by law, Apple Air Filtration Systems shall not be liable for any incidental, consequential, or indirect damages arising out of the use or inability to use the machines. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you.

6. Governing Law

This warranty statement is governed by the laws of Florida. Any disputes arising from or related to this warranty shall be resolved in the courts of Florida.

7. How State Law Applies

This warranty gives you specific legal rights, and you may also have other rights that vary from state to state.

Thank you for choosing Apple Air Filtration Systems. We appreciate your trust in our products.