

# Ultimaker S5 Air Manager

## Product data sheet

### Improved air quality, safer workplace

The Ultimaker S5 Air Manager ensures a safer working environment, providing a closed, inside-out airflow for the Ultimaker S5 3D printer. It filters up to 95% of all ultrafine particles (UFPs) emitted during 3D printing and forms a safe, physical barrier to the print area.

### More materials, less hassle

Optimized software profiles precisely control filtering for every Ultimaker material and over 40 third-party filaments. So you can focus on creating the perfect 3D printed part with any material you choose. No worries about UFPs, and no extra time configuring your printer.

### Key features

- ✓ **EPA filter:** Removes up to 95% of UFPs
- ✓ **Controlled extraction:** Inside-out airflow optimized for filtering and print quality
- ✓ **Enhanced safety:** Physical barrier prevents reaching inside the printer
- ✓ **Optimized for your application:** Detects material being used and adjusts airflow
- ✓ **Easy setup:** Printer detects when the Air Manager is connected
- ✓ **Smart monitoring:** Printer tracks filter usage and prompts replacement

## Why choose Ultimaker



### 3D printers that simply work

Our award-winning 3D printers are robust, reliable, and easy to use. They deliver quality parts time and again. Certified to run 24/7, they allow you to achieve the results you need more quickly and easily.



### Software ready for Industry 4.0

Trusted by millions of users across 14 languages, Ultimaker Cura integrates with any workflow through Ultimaker Marketplace plugins. Then scale production and digital distribution with Ultimaker Cloud.



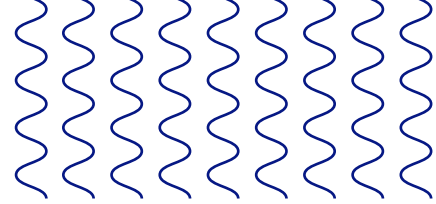
### Material choice like never before

Ultimaker offers the widest material choice on the market. Through our Material Alliance, choose the perfect filament for your application – from advanced polymers to carbon fiber composites.



### Support dedicated to your success

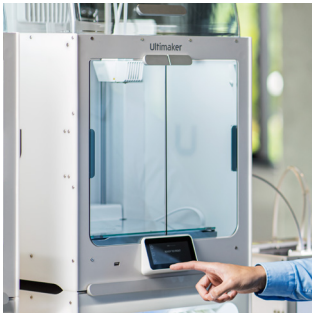
Wherever you are in the world, Ultimaker support is close by. Our global network of service partners offer professional installation, training, and maintenance in your language and time zone.



## Ultimaker S5 Air Manager specifications

<b>Properties</b>	Filter technology	EPA filter
	Fan technology	Air extraction by low-noise brushless fan
	Air refresh rate	1 - 50 m <sup>3</sup> /h (35 m <sup>3</sup> /h nominal rate for most materials at 23°C)
	Filter efficiency	Up to 95%
	Filter replacement	Recommended every 1,500 print hours (approx. 1 year)
	Operating sound	< 51 dBA (including Ultimaker S5)
	Connection (data and power)	UMB connection (included)
	Compatible 3D printers	Ultimaker S5
	Compatible materials	Optimized for Ultimaker PLA, Tough PLA, ABS, Nylon, CPE, CPE+, PC, PP, TPU 95A, PVA, Breakaway (Also supports third-party materials)
	<b>Physical dimensions</b>	Dimensions
Dimensions (including Ultimaker S5)		490 x 503 x 967 mm (19.3 x 19.8 x 38 in)
Net weight		3.6 kg (7.9 lbs)
<b>Software</b>	Supplied software	Ultimaker Cura, our free print preparation software Ultimaker Connect, our free printer management solution Ultimaker Cloud, enables remote printing
<b>Warranty</b>	Warranty period	12 months

## Compatible products



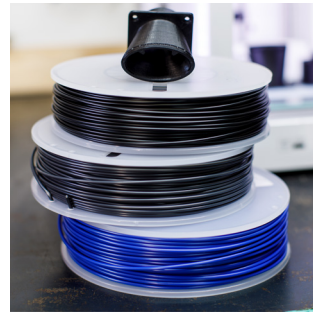
**Ultimaker S5**

Ultimaker S5 3D printer is required for use



**Ultimaker S5 Material Station**

Simplify and automate material handling



**Ultimaker materials**

Compatible with the full Ultimaker material range



**Third-party materials**

Use with any other material, including composites

## Compatible materials

Unlock a wide range of applications with complete material choice. Use Ultimaker materials, any third-party filament, or access material profiles from leading brands. Choose from these materials and more.

### Easy to print and visual quality

- Ultimaker PLA
- Ultimaker Tough PLA

### Mechanical strength

- Ultimaker ABS
- Ultimaker PC
- Ultimaker CPE

### Wear resistance

- Ultimaker Nylon
- Ultimaker PP
- Igus Iglidur I180-PF

### Heat resistance

- Ultimaker CPE+
- DSM Arnitel ID 2060 HT

### Flexibility

- Ultimaker TPU 95A
- DuPont™ Hytrel® 3D4100FL

### Reinforced composites

- Owens Corning XSTRAND™ GF30-PA6
- DSM Novamid® ID1030 CF10

### Support

- Ultimaker PVA
- Ultimaker Breakaway

