# 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.

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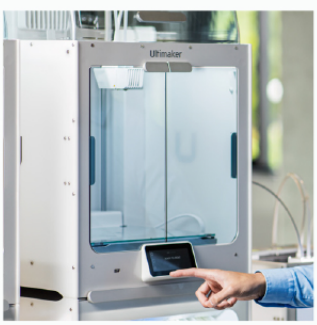
## Ultimaker S5 Air Manager specifications

| | | |
|---|---|---|
| **Properties** | Filter technology | EPA filter |
| | Fan technology | Air extraction by low-noise brushless fan |
| | Air refresh rate | 1 - 50 m³/h (35 m³/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) |
| **Physical dimensions** | Dimensions | 490 x 503 x 350 mm (19.3 x 19.8 x 13.8 in) |
| | 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) |
| **Software** | Supplied software | Ultimaker Cura, our free print preparation software<br>Ultimaker Connect, our free printer management solution<br>Ultimaker Cloud, enables remote printing |
| **Warranty** | Warranty period | 12 months |

## Compatible products

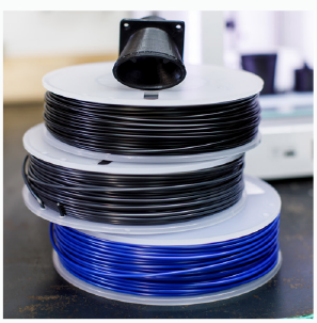


**Ultimaker S5**

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

bsi. ISO 9001 Quality Management FM 686003 ISO 14001 Environmental Management EMS 692523

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Specifications subject to change. EN 08/2019 v1.01