

LuxAero

Frequently Asked Questions

Customer & Sales Support



Dedicated odor-control solution for LuxOven Pro

LuxAero is designed to capture and filter exhaust directly from LuxOven Pro and significantly reduce noticeable odors during post-processing. It helps provide a cleaner, more comfortable post-processing experience for dental labs and clinics.



Quick Reference

Key product information for sales, installation, and customer support.

Product role	Dedicated odor-control solution for LuxOven Pro
Recommended setting	Default
System airflow	165 m ³ /h
Noise level	<50 dB
Filter	Dedicated custom filter
Filter replacement	Approximately every 6 months, or earlier if odor-control performance declines
Operating environment	22–32 °C (72–90 °F), RH <80%
Power requirement	AC 100–240 V, 50/60 Hz, 0.90–0.38 A

Important positioning

LuxAero is an odor-control companion for LuxOven Pro. It is not positioned as a general-purpose room air purifier, and filtration efficiency should not be interpreted as an odor-removal percentage.

1. Product & Positioning

Q1. What is LuxAero?

LuxAero is LuxCreo's dedicated odor-control companion for LuxOven Pro. It captures exhaust at the source and filters it before noticeable odor spreads into the working environment.

Q2. What problem does LuxAero solve?

During baking, noticeable odor may be generated. LuxAero helps reduce that odor and improves the overall working-environment experience for dental labs and clinics.

Q3. Is LuxAero a general-purpose room air purifier?

No. LuxAero is designed as a source-capture accessory for LuxOven Pro. Its primary purpose is to manage exhaust directly from the oven rather than to purify an entire room.

Q4. Does LuxAero eliminate all odors or hazardous gases?

LuxAero is designed to significantly reduce noticeable odor. It should not be described as eliminating all odors, gases, or airborne hazards. Follow applicable facility ventilation requirements and material SDS instructions.

Q5. How much odor reduction should I expect?

Perceived odor reduction depends on the process, material load, filter condition, room ventilation, and how well the exhaust connection is sealed. LuxAero should be positioned as significantly reducing noticeable odor rather than guaranteeing a fixed percentage for every environment.

Q6. Which equipment is LuxAero designed to work with?

LuxAero is purpose-built for LuxOven Pro and connects to the oven exhaust outlet using the supplied tube and connector cover.

Q7. What is included with LuxAero?

The standard package includes LuxAero, a power cord, one smoke absorbing tube, one small connector cover, and one large connector cover.

2. Installation & Operation

Q8. Where should LuxAero be installed?

Place LuxAero on a stable, level surface in a well-ventilated area. Use it within the suggested operating environment of 22–32 °C (72–90 °F) and relative humidity below 80%. Keep the unit dry and away from direct sunlight, strong UV sources, and excessive heat.

Q9. How do I connect LuxAero to LuxOven Pro?

Install the supplied connector cover on the tube, connect the tube to the LuxAero top flange, and fit the opposite end securely to the LuxOven Pro exhaust outlet. A tight, well-sealed connection is important for effective odor capture.

Q10. What should I check before first use?

Confirm the unit is undamaged, the power switch is OFF, the dedicated custom filter is correctly installed, the top cover and side latches are secured, and the tube is connected without blockage, crushing, or severe kinking.

Q11. How do I start LuxAero?

Connect the power cord, switch the unit on, and turn the speed-control knob to the Default setting. Use a properly grounded power source; a surge protector or UPS is recommended when appropriate for the installation.

Q12. What fan setting should I use?

Use the Default setting for normal operation. It is the recommended balance between suction performance and operating noise.

Q13. Can I operate above the Default setting?

Do not operate above Default unless instructed by LuxCreo Customer Success Team (CST). Higher settings increase noise and may move the system outside the recommended operating range.

Q14. Will LuxAero affect LuxOven Pro performance?

When installed as instructed and operated at the Default setting, LuxAero is intended to be used with LuxOven Pro. Do not change the recommended setup or operate above Default without LuxCreo guidance.

Q15. How much airflow does LuxAero provide?

System airflow is specified at 165 m³/h.

Q16. How loud is LuxAero?

The specified noise level is below 50 dB. For normal use, keep the speed-control knob at Default.

Q17. Can the tube be bent or repositioned?

The tube is flexible for positioning. Avoid sharp bends, crushing, or unnecessary restriction because these can reduce airflow and suction performance.

3. Dedicated Custom Filter & Maintenance

Q18. What filter does LuxAero use?

LuxAero uses a dedicated custom filter designed specifically for this device and application. Use only the approved Aero Filter supplied through official LuxCreo channels.

Q19. How does LuxAero reduce odor?

LuxAero captures exhaust directly from the LuxOven Pro outlet and passes the airflow through its dedicated custom filter before returning the air to the workspace.

Q20. How often should the dedicated custom filter be replaced?

The recommended replacement interval is approximately every 6 months. Replace it earlier if odor-control performance declines significantly or the filter becomes heavily loaded.

Q21. How do I know the filter may need early replacement?

Common signs include a noticeable return of odor or reduced suction. First check that the tube and airflow path are clear and the connection is sealed. If performance remains reduced, replace the filter.

Q22. How do I replace the filter?

Turn LuxAero off and disconnect power. Release the side latch locks, open the top cover, remove the used filter components, install the new dedicated custom filter as supplied, close the top cover, and secure both latches before restarting the unit.

Q23. Can the dedicated custom filter be washed or reused?

No. Treat the Aero Filter as a replacement consumable. Do not wash, modify, or reuse it unless specifically instructed by LuxCreo.

Q24. What does “0.3 μ m / 99.97%” mean?

This is the published filtration-efficiency specification for the system. It should not be interpreted as a 99.97% odor-removal claim.

Q25. Where can I purchase replacement filters?

Use the dedicated Aero Filter available through official LuxCreo channels. See the Ordering & Support section for the ERP and SKU.

4. Safety & Troubleshooting

Q26. Does LuxAero replace room ventilation or other safety controls?

No. LuxAero is an odor-control accessory and does not replace required facility ventilation, material handling controls, or other precautions specified by applicable SDSs, regulations, or local requirements.

Q27. What operating conditions should be avoided?

Do not use LuxAero outside the suggested operating range, in wet conditions, or where liquids can enter the unit. Keep it away from flammable or explosive materials and excessive heat.

Q28. Can users open or service internal electrical components?

No. Disconnect power before inspection or maintenance. Internal electrical service should be performed only by qualified and authorized personnel.

Q29. What should I do if suction becomes weak?

Check that the tube is securely connected and not blocked or kinked, confirm the oven connection is sealed, inspect the dedicated custom filter for loading, and verify the fan is set to Default. If suction remains weak, stop use and contact LuxCreo CST.

Q30. What should I do if odor is still noticeable?

Verify that the tube connection is tight, the fan is at Default, and the dedicated custom filter is correctly installed and within its service life. If odor-control performance has declined, replace the filter.

Q31. What if the unit repeatedly starts and stops?

Stop the unit and disconnect power. Check for a restricted airflow path or a heavily loaded filter. Clear any blockage and replace the filter if needed. If the issue persists, contact LuxCreo CST.

Q32. What if the unit does not power on?

Confirm the power source and power cord are connected correctly. The power requirement is AC 100–240 V, 50/60 Hz, 0.90–0.38 A. If the unit still does not power on, disconnect it and contact LuxCreo CST.

Q33. What should I do if the unit becomes unusually noisy?

Return the speed control to Default, confirm the unit is on a level surface, check the tube for kinks or contact with nearby objects, and verify the filter and top cover are correctly installed. If the noise continues, contact LuxCreo CST.

Q34. How should I clean the exterior of LuxAero?

Turn the unit off and disconnect power before cleaning. Wipe the exterior with a soft dry or lightly damp cloth. Do not allow water or cleaning liquid to enter the unit.

5. System Specifications

The following specifications are the released values for LuxAero.

Parameter	Specification
System Airflow	165 m ³ /h
Exterior Dimension - Uncrated	285 × 195 × 280 mm (11.2 × 7.7 × 11.0 in)
Exterior Dimension - Crated	360 × 320 × 390 mm (14.2 × 12.6 × 15.4 in)
Uncrated Weight	6.4 kg (14.1 lb)
Crated Weight	7.7 kg (16.98 lb)
Filtration Efficiency	0.3 μm / 99.97%
Noise Level	<50 dB
Suggested Operating Temperature	22–32 °C (72–90 °F)
Suggested Humidity (RH)	<80%
Power Requirement	AC 100–240 V, 50/60 Hz, 0.90–0.38 A

6. Ordering & Support

Item	ERP	SKU
LuxAero	P11000052	HA-Aero-A1-STD

Item	ERP	SKU
Aero Filter	Z04000151	HA-AeroFilter-A1-STD

LuxCreo Customer Success Team

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