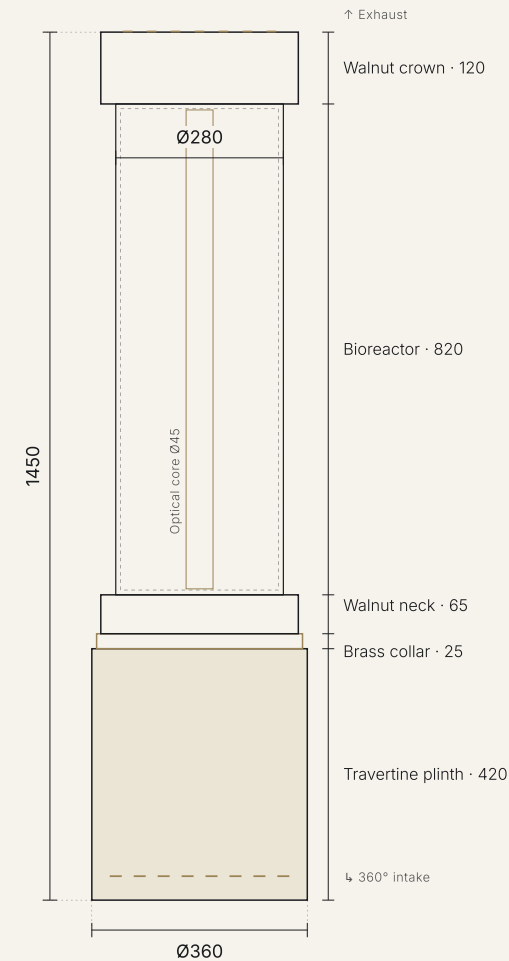


The alchemy of stone, light & oxygen

A sculptural object that purifies the air and breathes oxygen through living microalgae. Roman travertine, American walnut and brushed brass — each piece made to order, one at a time, in our atelier.



Schematic elevation · design dimensions in mm

Technical *specification*

HEIGHT	1450 mm
BASE DIAMETER	Ø 360 mm
FILTRATION	H13-class HEPA · activated carbon · living microalgae (CO ₂ uptake)
SOUND LEVEL	< 22 dB (target)
LIGHT	2700K warm ambience · high-CRI photosynthesis spectrum by day
SENSORS	CO ₂ · PM2.5 · VOC
CARE	Plug-and-play bio-cartridge every 6 months, serviced at your door
PERSONALISATION	Stone, wood, metal finish, proportions and engraving

Planning *data*

AIR PATH	360° intake around the plinth, exhaust through the crown — keep both free
SERVICE ACCESS	The bio-cartridge lifts out through the walnut collar; allow access around the piece for a visit about every 6 months
MASS	Solid stone plinth and a water-filled reactor: plan for a heavy freestanding object. Weight per finish is given in the project file
POWER	Mains socket near the piece; electrical data in the project file

Design dimensions for Atelier No. 001. Final dimensions, weight and power data are confirmed in each project file.

Systems

Phase 01 · Mechanical — The Dry Base
Hidden within the travertine: an H13-class HEPA and activated-carbon cartridge, designed to capture dust, PM2.5, pollen and VOC odours.

Phase 02 · Biological — The Wet Reactor
Filtered air is released as micro-bubbles into a living *Chlorella vulgaris* culture inside double-walled borosilicate glass. Through photosynthesis the algae draw in CO₂ and release oxygen — a small ecosystem breathing in the room.

Phase 03 · Optical — The Light Column
A 2700K frosted-glass core and rising bubbles cast underwater caustics across the room. As air quality shifts, so does the tone of the light.

Materials

Honed Roman Travertine
A solid Ø 360 mm block. Its pores are gas bubbles millennia old; its mass absorbs the vibration of the motor.

American Walnut
Lathe-turned solid collar and crown, edges softened by hand to a 2 mm radius, satin oil finish.

Champagne Brass
Circumferentially brushed with an anisotropic sheen. Each piece is signed with a laser-engraved serial number.

Borosilicate Glass
Double-walled laboratory glass with an 8 mm insulating gap, with a superhydrophobic coating and ultrasonic cleaning to keep it clear.



Finishes

STONE	WOOD	METAL
Honed Roman travertine	American walnut	Champagne brass
Nero Marquina marble	Smoked oak	Patinated bronze

Proportions and engraving can also be adapted to the scheme.

Contact

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Pricing is shared in private consultation only. Figures are design targets for Atelier No. 001. Final values are measured and documented with each piece.

Commission

- 01 Brief — Send plans, photographs or a short description of the space and its light.
- 02 Project file in 48 hours — Specification, drawings, model and a first placement proposal, with pricing shared privately.
- 03 Samples — Finishes are chosen with you; samples are hand-delivered.
- 04 Atelier production — Around 10–14 weeks of handwork, documented in photographs.
- 05 Installation — White-glove delivery and installation, coordinated with your site.