MBINH series, chamber volume: 45L 65L 125L 210L

Colo Science
Laboratory & Scientific Equipment

COLO.SCIENCE · TECHNICAL SPECIFICATION

MBINH

Laboratory Incubator Series · Forced Air · Light and UV Lamp · RT+5 °C to 70 °C · 45, 65, 125 and 210 L

MBINH laboratory incubators combine fan-assisted air circulation with an interior light and a UV lamp in a stainless-steel chamber. The fan spreads the heat from 5 °C above room temperature up to 70 °C; the UV lamp helps keep the empty chamber clean between runs and switches off automatically when the outer door is opened. The LCD controller sets and shows the temperature. Four sizes: 45, 65, 125 and 210 L.

45 · 65 · 125 · 210 L | RT+5 °C TO 70 °C | FORCED AIR | LIGHT + UV LAMP | LCD CONTROLLER | STAINLESS CHAMBER

Document type: **Technical Specification Sheet**
Product family: **MBINH laboratory incubators with fan, light and UV lamp**
Models / SKU: **MBINH45 · PRO8258 | MBINH65 · PRO8259 | MBINH125 · PRO8260 | MBINH210 · PRO8261**
Format: **A4 landscape · CORE-TECHSPEC 1.2**

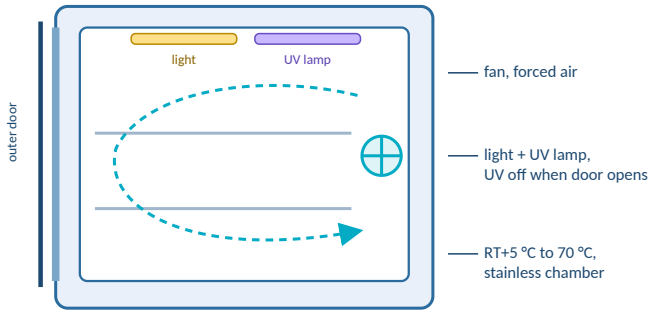
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HEATING ONLY RT+5 °C to 70 °C

45 L	65 L	125 L	210 L
MBINH45 · PRO8258	MBINH65 · PRO8259	MBINH125 · PRO8260	MBINH210 · PRO8261



MBINH · front and side view



Inside the chamber · fan, light and UV lamp

VOLUMES
45 · 65 · 125 · 210 L

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MBINH · technical specification

Laboratory incubators with forced air, interior light and UV lamp, 45 to 210 L, RT+5 °C to 70 °C, LCD controller

45–210 L | RT+5 °C TO 70 °C | FORCED AIR | LIGHT + UV | LCD CONTROLLER — Even temperature, clean chamber

Product Overview

Choose the volume

45 L: one user, a few racks of plates; bench-top size.

65 L: daily routine of a small laboratory.

125 L: a shared incubator for a group.

210 L: the largest chamber, for larger series and bulky vessels.

Application profile

Microbiology: culture of bacteria and fungi at 25–37 °C with fan-assisted air circulation.

Clean chamber: the UV lamp helps keep the empty chamber clean between runs.

Observation: interior light for checking the cultures.

QC and research: food, pharmaceutical, environmental and teaching laboratories.

Key features

Temperature: RT+5 °C to 70 °C.

Air circulation: forced, with fan.

Control: LCD controller.

Light and UV: interior light and UV lamp; the UV lamp switches off when the outer door is opened.

Chamber: stainless steel.

Sizes: 45, 65, 125 and 210 L, inner chamber from 350 × 350 × 350 mm to 600 × 580 × 600 mm.

Supply: 220 V; 110 V on request.

Core technical summary

Parameter	Specification
Models	MBINH45 · 65 · 125 · 210
Chamber volume	**45 · 65 · 125 · 210 L**
Temperature range	RT+5 °C to 70 °C
Air circulation	forced, with fan
Light / UV	interior light, UV lamp
Control	LCD controller
Chamber	stainless steel
Supply	220 V; 110 V on request

VOLUMES
45 to 210 L

TEMPERATURE
RT+5 °C to 70 °C

AIR
Forced, with fan

CHAMBER CARE
Light + UV lamp

RT = room temperature; the setpoint must be at least 5 °C above the temperature of the room. Suitability for a specific method is confirmed in the COLO.Science quotation.

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Models and Chamber Volumes

Model	SKU	Chamber volume	Inner chamber W × D × H	Supply
MBINH45	PRO8258	**45 L**	350 × 350 × 350 mm	220 V; 110 V on request
MBINH65	PRO8259	**65 L**	400 × 350 × 450 mm	220 V; 110 V on request
MBINH125	PRO8260	**125 L**	500 × 450 × 550 mm	220 V; 110 V on request
MBINH210	PRO8261	**210 L**	600 × 580 × 600 mm	220 V; 110 V on request

Exterior dimensions, power and weight are confirmed in the COLO.Science quotation.

Technical Specifications

Temperature and control	Value
Air circulation	forced, with fan
Temperature range	RT+5 °C to 70 °C
Heating	heating only; setpoint at least 5 °C above room temperature
Control	LCD controller
Sizes	45, 65, 125 and 210 L

Chamber, light and supply	Value
Chamber	stainless steel
Light	interior light
UV lamp	switches off automatically when the outer door is opened
Supply	220 V; 110 V on request

RT = room temperature. Dimensions in mm, W × D × H.

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Air Circulation, Light and UV

Even temperature

Forced air: the fan moves warm air through the whole chamber.

LCD controller: set the temperature and read it on the display.

Range: from 5 °C above room temperature up to 70 °C.

Light and UV

Interior light: check the cultures under light.

UV lamp: helps keep the empty chamber clean between runs.

Safety: the UV lamp switches off when the outer door is opened.

Chamber

Stainless steel: smooth chamber walls that are easy to wipe clean.

Four sizes: 45, 65, 125 and 210 L with the same functions.

Outer door: opening it switches the UV lamp off.

Good practice

Setpoint: keep it at least 5 °C above room temperature.

UV lamp: run it only with the chamber empty and the door closed; UV light damages cultures and skin.

Loading: leave space between the vessels and the chamber walls so the air can circulate.

Installation and care

Place: level bench or floor, away from direct sun and other heat or cold sources, with free space to the wall.

Supply: earthed 220 V socket.

Cleaning: neutral detergent and a dry cloth; do not use acids or alkalis on the stainless-steel chamber.

TEMPERATURE	AIR	LIGHT	UV LAMP
RT+5 °C to 70 °C	Forced, with fan	Interior light	Off when door opens

RT = room temperature.

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Visuals, Configuration Guidance and Support



MBINH laboratory incubator · 45 to 210 L

Ordering information

Item	SKU
MBINH45 laboratory incubator, 45 L, fan, light and UV lamp	PRO8258
MBINH65 laboratory incubator, 65 L, fan, light and UV lamp	PRO8259
MBINH125 laboratory incubator, 125 L, fan, light and UV lamp	PRO8260
MBINH210 laboratory incubator, 210 L, fan, light and UV lamp	PRO8261

Configuration checklist

Volume: 45, 65, 125 or 210 L — by the number of vessels per run.

Temperature: usual 25–37 °C; the setpoint must be at least 5 °C above the room.

Air: forced air with fan; for natural convection see MBIND.

Supply: 220 V or 110 V; confirm the voltage and the plug type for your country.

SUPPLIER AND SUPPORT

COLO Lab Experts

Polje ob Sotli 4, SI-3255, Slovenia

Selection guidance: Send the vessels, the number per run and the working temperature. COLO.Science will confirm the model and the delivery time.

QUICK CONTACT

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COLO.SCIENCE · MICROBIOLOGY SUPPORT

Which MBINH size fits your lab?

Send the vessels and the number per run. COLO.Science will propose the size and confirm the configuration in the quotation.

Web: **colo.si**

Ask us:
Price and current discount, delivery time, installation, application support and service — write to sales@colo.si or call us.

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