



La Réserve

BESPOKE WINE GALLERIES

Wine Cabinet — Technical Manual



The La Réserve range of bespoke wine cabinets · Distributed in the UK by Encool



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INTRODUCTION

The La Réserve Wine Cabinet

La Réserve is a range of bespoke, self-contained, plug-and-play, temperature-controlled wine cabinets — precision-engineered in stainless steel with double-glazed doors and manufactured to order for residential and commercial installations, distributed in the UK by Encool.

Each cabinet is made to measure and finished to integrate seamlessly with its surroundings, whether set within architectural joinery or presented as a striking free-standing piece. Behind the design sits serious cold-storage engineering: an insulated SS304 enclosure, a low-noise refrigeration system and considered, dimmable lighting.

This manual is the general technical reference for the La Réserve range. Because every cabinet is built to order, project-specific data is issued with each quotation and as-built drawing set.

Item	Detail
Product range	La Réserve Wine Cabinets — temperature-controlled wine cabinets
Format	Double-door cabinets; made to measure; modular / linkable into wine walls
Model designation	LR-[height]-[width] (cm) — see size matrix
Brand	La Réserve
Distributed by	Encool — encool.co.uk
Document	Technical Manual — Issue 01, August 2026

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SECTION 01

Made to Measure

Every La Réserve cabinet is custom-made. To keep specification straightforward and lead times predictable, the range is standardised around a size matrix and a simple model-designation system.

Model designation

Each cabinet is identified by an LR code combining its nominal external height and width in centimetres:

FORMAT

LR-[height]-[width] — e.g. LR-250-120 = 250 cm high × 120 cm wide. Standard sizes are drawn from the matrix in Section 02; custom sizes are available on request.

Standard across the range

- SS304 stainless-steel insulated enclosure
- Double-glazed toughened safety glass doors (5+12A+5)
- Ultra-narrow door frames
- Concealed, dimmable LED lighting
- Digital temperature control with power-off memory
- Integrated digital lock

Selected per project

- Height & width (size matrix or custom)
- Internal & bottle configuration
- Metalwork finish & timber integration
- Lighting colour temperature & control
- Locking (manual / keypad / biometric)
- Accessories — glassware, humidior, large-format storage

SECTION 02

Model Selection & Size Matrix

Standard double-door cabinets are available in the height and width combinations below. Select the nearest standard size, or request a custom dimension.

H↓ / W→ (cm)	100	105	110	115	120	125
185	LR-185-100	LR-185-105	LR-185-110	LR-185-115	LR-185-120	LR-185-125
200	LR-200-100	LR-200-105	LR-200-110	LR-200-115	LR-200-120	LR-200-125
210	LR-210-100	LR-210-105	LR-210-110	LR-210-115	LR-210-120	LR-210-125
220	LR-220-100	LR-220-105	LR-220-110	LR-220-115	LR-220-120	LR-220-125
230	LR-230-100	LR-230-105	LR-230-110	LR-230-115	LR-230-120	LR-230-125
240	LR-240-100	LR-240-105	LR-240-110	LR-240-115	LR-240-120	LR-240-125
250	LR-250-100	LR-250-105	LR-250-110	LR-250-115	LR-250-120	LR-250-125
260	LR-260-100	LR-260-105	LR-260-110	LR-260-115	LR-260-120	LR-260-125
270	LR-270-100	LR-270-105	LR-270-110	LR-270-115	LR-270-120	LR-270-125
280	LR-280-100	LR-280-105	LR-280-110	LR-280-115	LR-280-120	LR-280-125
290	LR-290-100	LR-290-105	LR-290-110	LR-290-115	LR-290-120	LR-290-125
300	LR-300-100	LR-300-105	LR-300-110	LR-300-115	LR-300-120	LR-300-125

Technical notes

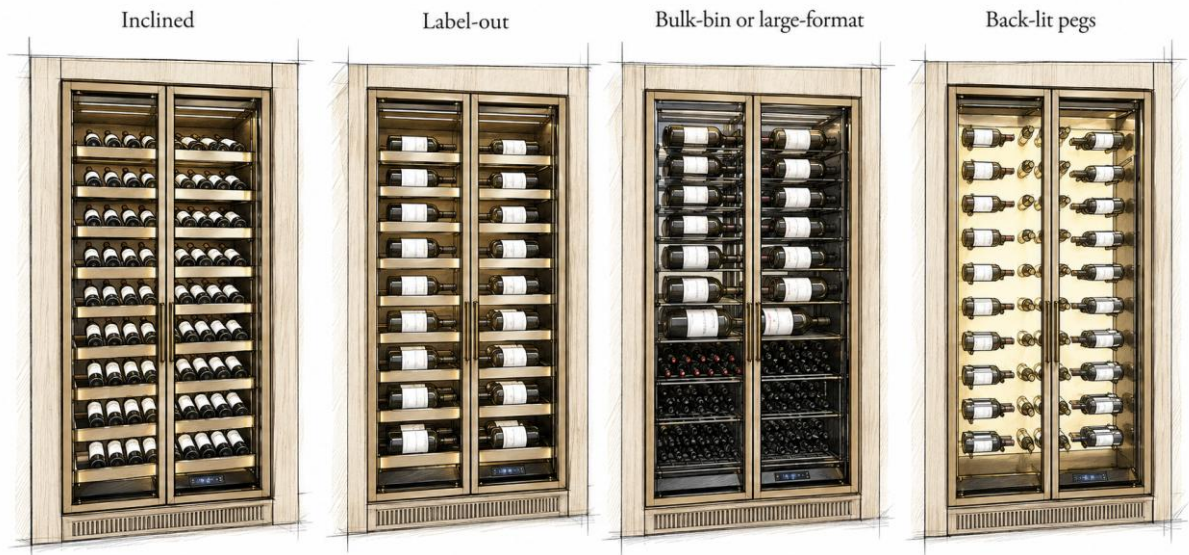
Item	Detail
Custom sizing	Available on request beyond the standard matrix.
Modular linking	Multiple cabinets can be linked side-by-side to create a continuous wine wall.
Power	13 A supply per cabinet, or multiples thereof for longer wine-wall runs.
Lighting colour	2700 K (warm), 3000 K (natural) or 4000 K (cool).
Lighting control	Built-in controller and remote (standard), or integration with the property lighting-control system.
Locking	Manual locks*, keypad or biometric entry. *Not available on all door-frame profiles.
Weight	150–240 kg per cabinet. Confirm the floor can support the load.
Noise level	Quiet running at 38–41 dBA, depending on cabinet size.

SECTION 03

Bottle & Internal Configuration Options

The interior of every cabinet is configured to the collection — balancing display presence against storage density. The options below can be combined within a single cabinet and across a linked run.

Presentation styles



Illustrative bottle configuration concepts

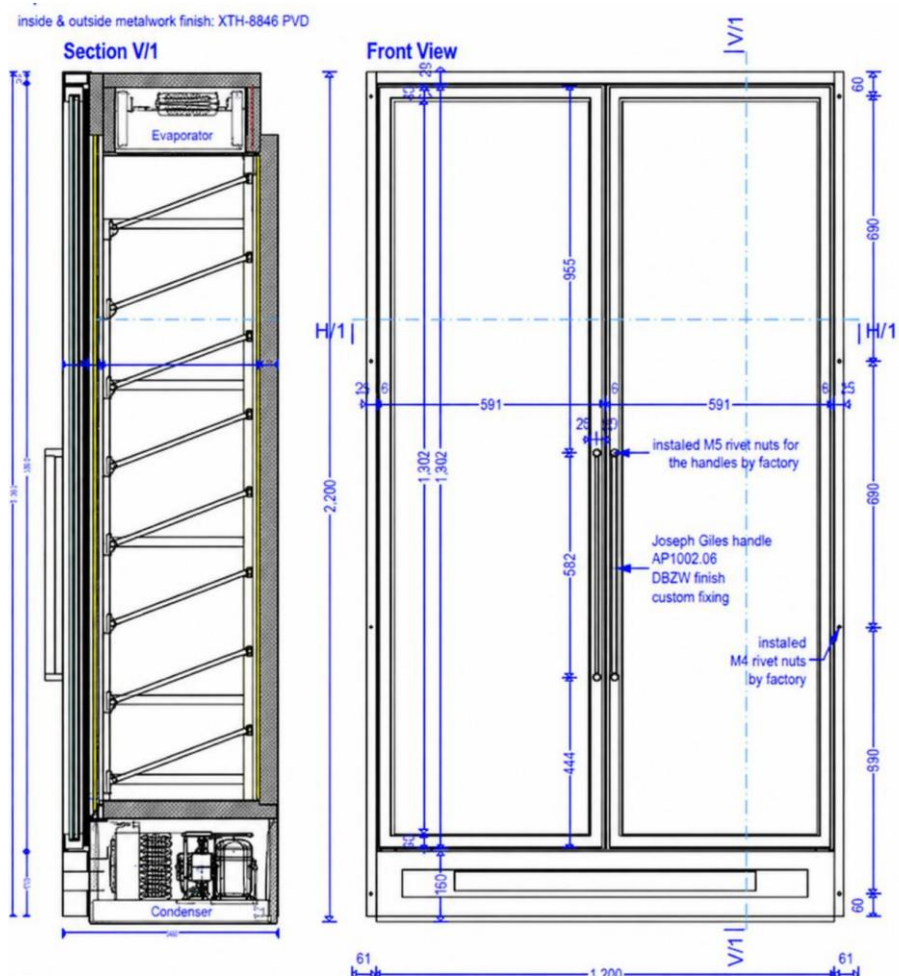
Style	Description
Inclined	Bottles on inclined solid-oak rails — label-forward, gallery-style presentation with generous spacing.
Label-out	Bottles laid horizontally with the label facing out — classic cellar presentation, easy to browse.
Bulk-bin / large-format	Deeper bins and reinforced shelves for maximum capacity and for magnum, Champagne and large-format bottles.
Back-lit pegs	Bottles held neck-out on back-lit display pegs against an illuminated panel — a dramatic effect.

Shelf types & spacing

Shelf type	Typical spacing	Use
Inclined bottle rails	180–240 mm	Champagne and Bordeaux-style bottles (subject to diameter).
Flat shelves	120–180 mm	Standard bottles stored horizontally.

CAPACITY GUIDANCE

Bottle capacity is quoted on the basis of standard 750 ml bottles. Burgundy, Champagne, magnum and other wide or large formats occupy more space and reduce the total count. Distribute weight evenly and avoid overloading any single shelf. Indicative capacity per project is confirmed at quotation.



Representative technical drawing — model LR-250-120 (inclined-display configuration). Every cabinet is drawn to its project dimensions and layout.

SECTION 04

Finishes & Joinery Integration

Metalwork finishes

Frames and interiors are finished in premium electroplated or brushed stainless steel. Standard options: brushed stainless steel, electroplated champagne gold, electroplated bronze, electroplated dark bronze, electroplated gunmetal, electroplated black, and custom RAL colours. An extended electroplated colour library (JY-series) is available on request.

Timber joinery integration — by your team, or ours

Cabinets can be integrated into architectural joinery with a flush timber surround, or supplied free-standing. Four curated integration directions, each with oak options:

Direction	Character	Oak options
Seamless	Light, natural and understated.	White-washed Oak · Natural Oak
Integrated	Warm mid-tone, blends with cabinetry.	Mid Brown Oak Grain · Mid Brown Oak
Connectable	Deeper, contemporary tones.	Dark Stained Oak · Blue-Wash Grey Oak
Timeless	Dramatic, high-contrast.	Grey Oak · Black Oak

CONFIGURATION & PRESENTATION

Integrated architectural joinery, flush timber trim detailing, back-lit stone panels, glassware display, cigar humidor and whisky/gin cabinets are available as part of a complete installation.

SECTION 05

Technical Specification

Standard operating parameters

Item	Specification
Temperature range (cellaring, all wine types)	10 °C to 18 °C
White-wine service	5 °C to 7 °C (on request)
Champagne service	5 °C to 7 °C (on request)
Power supply	220–240 V AC, 50 Hz
Plug type	UK 13 A
Refrigerant	R290 or R600a, subject to model (hydrocarbon — flammable)
Lighting	Concealed dimmable LED, 2400 K–3000 K (colour temperature selectable)
Noise level	38–41 dBA, depending on cabinet size
Weight	150–240 kg per cabinet

Construction

Component	Specification
Cabinet frame	SS304 stainless steel, insulated (PIR-filled cavity)
Internal racks	SS304 stainless steel and/or solid timber
Door glazing	Double-glazed toughened safety glass, 5+12A+5
Door frame	Ultra-narrow stainless-steel frame
Lighting	Concealed dimmable LED
Lock	Integrated digital lock (manual locks also available on selected profiles)
Finish	Brushed stainless steel or premium electroplated

REFRIGERANT SAFETY

La Réserve cabinets use a hydrocarbon refrigerant (R290 or R600a) which is flammable. Do not puncture, heat, modify or dismantle the refrigeration circuit, and keep ignition sources away. All refrigeration and electrical work must be carried out by an authorised engineer.

SECTION 06

Lighting & Controls

Lighting

Concealed, dimmable LED lighting is integrated into the racking and frame. Colour temperature is selected per project: 2700 K (warm), 3000 K (natural) or 4000 K (cool).

Lighting control

- Standard — built-in controller with remote.
- Integrated — connection to the property lighting-control system (e.g. Lutron, Control4).

Where a cabinet is wired to the room lighting-control system, the cabinet's own lighting key may be disabled by design; lighting is then operated from the room controls. Confirmed per project.

Temperature controller

Temperature is managed from the digital control panel — single-zone thermostatic control with a power-off memory and a five-minute compressor restart delay for system protection.



Control	Function
Light	Interior lighting (where enabled). Short press toggles the cabinet lighting on/off.
Up ▲	Raise setpoint by 1° per press.
Down ▼	Lower setpoint by 1° per press.
°C / °F	Change units. Press and hold the Light key for 3 seconds.
SET	Advanced parameters — do not alter unless directed by Encool.
Power	On / off. Press and hold for 3 seconds.

Left display = set temperature; right display = measured temperature. Controller functions are subject to the configuration supplied.

SECTION 07

Locking Options



La Réserve doors can be secured with a range of locking options, selected per project:

- Manual lock — key-operated. Not available on all door-frame profiles.
- Digital keypad — shared PIN entry.
- Biometric — fingerprint and/or IC-card entry, with keypad backup.

Digital and biometric locks support multiple enrolled users, a shared unlock code and administrator programming. Full operating and enrolment instructions are supplied with locked units.

ACCESS CONTINUITY

Retain administrator codes and register at least one backup access method. For biometric locks, enrol more than one user and test each method before relying on it.

SECTION 08

Installation & Site Requirements

La Réserve cabinets are self-contained, plug-and-play products and are normally installed by Encool. Confirm the following at design stage.

Structure & access

- Floor loading: 150–240 kg per cabinet — confirm the floor supports the load.
- Confirm delivery access, door widths and turning space for the assembled cabinet.
- Position away from direct sunlight, damp and nearby heat sources.

Electrical

- Dedicated, earthed 13 A supply per cabinet (multiples for linked runs).
- Do not use extension leads or multiway adaptors.

Ventilation & clearance

- Keep the base grille and air paths clear.
- Freestanding guidance: ~50 mm side and ~100 mm rear clearance. Integrated installations use the project ventilation detail on the as-built drawings.

Commissioning

- After transport or moving, leave upright and disconnected for 48 hours before first switch-on.
- Operate in an ambient of 5–35 °C.
- Set the temperature and allow the cabinet to stabilise before fully loading.

SECTION 09

Operation

Setting the temperature

- 1. Confirm which cabinet you are adjusting (each has its own controller).
- 2. Press the up or down arrow once for each 1° change.
- 3. The selected value flashes for around five seconds.
- 4. The display returns to normal — set temperature on the left, measured on the right.
- 5. Use the commissioned setpoint unless Encool advises otherwise.

NORMAL BEHAVIOUR
After switch-off or a power interruption, the compressor waits up to five minutes before restarting — this protects the refrigeration system. The controller retains its setting through a power interruption and restarts in Celsius.

Temperature guidance

Beverage	Reference temperature
Red wine	12–18 °C
White wine	8–10 °C
Champagne / sparkling	5–9 °C

Reference figures only. The supplied controller may impose a minimum user setpoint (typically 12 °C); lower service temperatures are subject to the model and configuration supplied.

SECTION 10

Care & Maintenance

Before cleaning, switch the cabinet off and isolate the electrical supply. Do not allow water to enter the controller, lighting or ventilation openings.

Frequency	Task
As required	Wipe spills promptly with a soft cloth. Keep labels and loose material away from the air paths.
Monthly	Clean the interior with a soft damp cloth and a mild neutral detergent; dry all surfaces.
Monthly	Clean and inspect the door seals; check for splits, distortion or gaps.
Monthly	Wipe electroplated metal, glass and solid-oak rails with non-abrasive materials only.
Every 6–12 months	Vacuum or gently clean accessible ventilation openings; keep the lower condenser air path clear.
Annually	Replace the activated-carbon filter if fitted; confirm the correct part with Encool.
Every 12 months	Arrange a service inspection by Encool or an approved engineer (a condition of the warranty).

DO NOT USE

Never use abrasive cleaners, alcohol, thinners, acetone, solvents, steam cleaners or sharp tools on cabinet surfaces or seals.

SECTION 11

Troubleshooting

Symptom	Checks & action
'HH' high-temperature alarm	Confirm doors are fully closed and seals clean; check the room is not too hot and the grille is clear; allow up to two hours to recover. Contact support if it persists.
'LL' low-temperature alarm	Check the setpoint, room temperature and supply stability; avoid operating in an unusually cold room.
No power	Check the socket, isolation switch, fuse and breaker. After restoring power, allow the five-minute compressor delay.
Blank display	Confirm the plug is fully inserted and the supply is live; check the power key and local protection.
Compressor slow to start	A five-minute restart delay is normal after switch-off or a power interruption.
Condensation on glass	Reduce door opening, confirm the door closes fully and wipe away moisture. Persistent condensation or seal gaps require service.
Unusual vibration / rattle	Check bottles are stable and not touching. If the noise is mechanical or continues, isolate the cabinet and call support.
Burning smell / smoke	Do not continue. Isolate the electrical supply immediately and contact Encool.

SECTION 12

Warranty & Support

Warranty

- La Réserve cabinets carry a two-year warranty for manufacturing faults under normal use, from the agreed handover or commissioning date.
- Subject to a service inspection every 12 months by Encool or an approved engineer. Missed servicing may invalidate the warranty.
- Excludes misuse, electrical surges, force majeure, accidental damage, blocked ventilation, unauthorised repair or alteration, and faults arising from missed servicing. Statutory rights are unaffected.

Support

For specification, servicing or spare parts, contact Encool quoting the model designation (LR-[height]-[width]) and, where applicable, the project reference.

Contact	Detail
Brand	La Réserve — Bespoke Wine Galleries
Distributor & support	Encool
Web	encool.co.uk

IMPORTANT NOTICE

Because every La Réserve cabinet is manufactured to order, performance characteristics — including bottle capacity, power consumption, weight, cooling capacity and sound level — vary according to dimensions, internal configuration and selected options. Project-specific technical data and as-built drawings are supplied with every order.