



LABORATORY UTILITIES / LABORATORY REFRIGERATION

FRONT REFRIGERATOR

Visible, organized storage from 2 C to 8 C.

The ALC-FR-200 Front Refrigerator is a 200-litre upright laboratory refrigerator for organized storage of reagents, biological samples, media, pharmaceuticals and diagnostic materials.



CAPACITY

200 litres

TEMPERATURE

2 C to 8 C

SHELVES

4 adjustable

MODEL

ALC-FR-200

CATALOGUE NUMBER

To be confirmed

REFERENCE SPECIFICATION SET

Values shown are reproduced from supplied ALC-Scientific artwork; final procurement values require approved datasheet confirmation.



PRODUCT OVERVIEW

Visible, organized storage from 2 C to 8 C.

The ALC-FR-200 reference configuration provides a front-opening double-layer glass door, four adjustable shelves, forced-air circulation, digital microprocessor control, LED illumination and high/low temperature plus door-open alarms. Final uniformity, load performance and monitoring requirements must be confirmed for the intended storage application.



CAPACITY

200 litres

TEMPERATURE

2 C to 8 C

SHELVES

4 adjustable

Key Features

- Digital microprocessor temperature control
- Uniform forced-air circulation
- Front-opening double-layer glass door
- Four adjustable shelves
- LED interior illumination
- High/low temperature and door-open alarms
- Door lock for controlled access

Working Principle

The refrigeration circuit removes heat from the insulated cabinet. Forced internal air circulation promotes temperature uniformity while the electronic controller regulates cabinet conditions within the selected operating range.

TYPICAL APPLICATIONS

Biological-sample storage / Reagent and chemical storage / Pharmaceutical and medicine storage / Vaccine and diagnostic-kit storage / Clinical and research laboratories



REFERENCE TECHNICAL DATA

Final values require approved model-datasheet confirmation.

PARAMETER	REFERENCE SPECIFICATION
Model	ALC-FR-200
Capacity	200 litres
Temperature range	2 C to 8 C
Temperature accuracy	+/- 1 C
Control system	Digital microprocessor
Display	Digital LED
Cooling system	Forced-air circulation
Defrost system	Automatic
Refrigerant	R600a, CFC-free
Insulation	High-density PUF
Shelves	4 adjustable
Door	Double-layer glass with key lock
Alarm	High/low temperature and door-open alarm
Power supply	220 - 240 V AC, 50 Hz
Power consumption	150 W, approx.
Dimensions / net weight	600 x 600 x 1320 mm; approx. 55 kg

STANDARD SUPPLY

- Four adjustable shelves
- Door key
- Power connection
- Operation manual

INSTALLATION

- Stable, level floor
- Earthed AC supply
- Ventilation and door-opening clearance
- Allow temperature stabilization before loading
- Use monitoring appropriate to stored materials

TO BE CONFIRMED

- Usable internal capacity
- Loaded temperature uniformity
- Alarm remote-contact options
- Warranty period
- Temperature mapping / validation documents



LABORATORY APPLICATIONS

A practical platform for controlled laboratory workflows.

Applications

- Biological-sample storage
- Reagent and chemical storage
- Pharmaceutical and medicine storage
- Vaccine and diagnostic-kit storage
- Clinical and research laboratories
- Hospitals and blood-bank support

Product Advantages

- Organized 200-litre upright storage
- Clear visibility through the glass door
- Four adjustable shelves
- Controlled 2 C to 8 C range
- Audio-visual alarm functions
- Lockable front-access configuration



SCAN FOR PRODUCT PAGE

Request a model-specific quotation.

Share your application, required capacity or range, preferred configuration, quantity, installation city and documentation needs. Final performance values and accessories are issued with the approved technical datasheet and quotation.

ALC-SCIENTIFIC LABORATORY SYSTEMS

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OEM / PRIVATE LABEL AVAILABLE

Product images are for reference and may vary according to the selected configuration. Specifications, dimensions, accessories and designs are subject to change. Final specifications are those stated in the approved technical datasheet and commercial quotation. Standard warranty: To be confirmed according to the selected product and approved commercial quotation.