Холодильники LPR-400
Технические характеристики

По вопросам продаж и поддержки обращайтесь:

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LPR-400

LPR
Laboratory Refrigerator

+4°C to +14°C

400 L

Refrigerators that are designed for storage of pharmaceuticals, samples and reagents with user-friendly features.
The combination of temperature control accuracy, interior temperature uniformity, quick recovery and resistance to high ambient temperature delivers a quality storage refrigerator that characterizes our commitment to engineering, storage safety and reliability.

Temperature uniformity

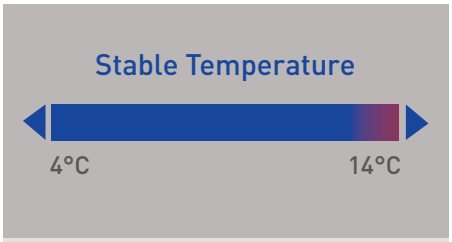
Forced air circulation technology ensures a uniform temperature throughout the chamber and quick temperature recovery even with frequent door openings.
A thermistor sensor detects and maintains temperature in the chamber at set point.

Sample safety and protection

Visual and audible alarms alert users when the temperature falls outside the safe range, so prompt action can be taken to protect precious samples.
The door is equipped with a cylinder lock to restrict access.

Condensation prevention

Glass door heater prevents dew condensation without affecting the samples stored in the chamber. The heater can be easily operated with an ON/OFF switch located to the right of the control panel.



Microprocessor controller simplifies operation
The digital display shows actual temperature in the chamber and the intuitive touch pad makes operation simple.

Intuitive design
The self-closing double glass door offers better visibility of stored items and provides complete isolation from the outside. The control panel is located above the glass door. An access port in the back allows sensors, probes and other equipment to be connected.

Flexible storage options
The height of the shelves can be adjusted to accommodate storage items of various sizes. This flexibility allows different storage needs to be met.

LPR
Laboratory Refrigerator

LPR-400

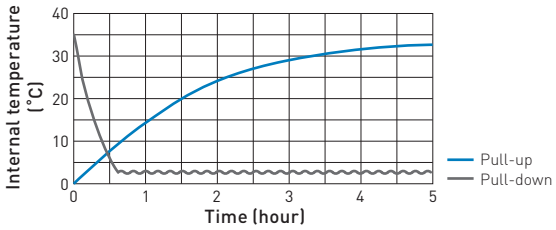
Timer-Controlled Off-Cycle Defrosting

Reducing labour and time for removing frost, defrosting starts automatically when the accumulated compressor operation time reaches the threshold. During defrosting, the refrigerator will display the "dF" indication and the in-chamber temperature alternatively on the control panel*.

* Auto-defrost is activated and repeated in 3-hour cycles, which may temporarily cause an in-chamber temperature to rise up to a maximum of 15°C.

Performance Data*

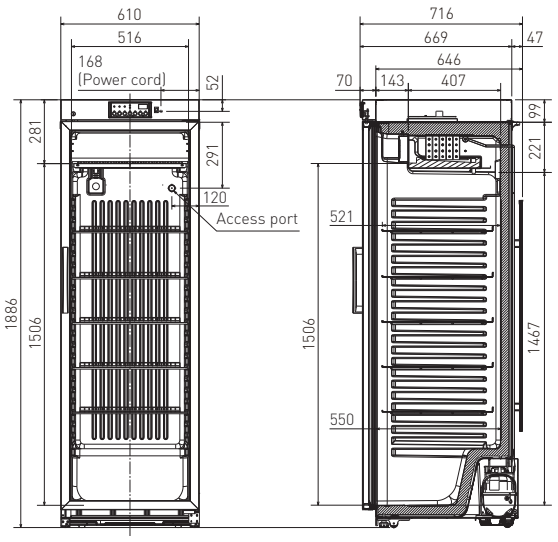
AT35°C Pull-down & Pull-up Temperature[3]



The graph does not show temporary temperature increases during auto defrosting.

Dimensions

Unit: mm



Model Number		LPR-400-PE
External dimensions (W x D x H) [1]	mm	610 x 716 x 1886
Internal dimensions (W x D x H)	mm	516 x 550 x 1467
Volume	litres	400
Net weight	kg	81
Performance		
Temperature control range		+4°C to +14°C [2]
Control		
Controller		Microprocessor with non-volatile memory
Temperature display		Digital
Temperature sensor		Thermistor
Refrigeration		
Cooling method		Forced cool air circulation
Defrost method		Timer Cycle defrost
Refrigerant		HFC (CFC-Free)
Insulation		Rigid polyurethane foamed-in place
Construction		
Exterior material		Colored steel
Interior material		Vacuum molding (ABS resin)
Outer doors	qty	1 (Plastic sash with 2-layer glass window)
Outer door lock		1 (Cylinder key lock)
Shelves	qty	5 (polyethylene-coated wire , W500 x D465 mm, adjustable)
Max. load - per shelf / drawer	kg	30
Access port	qty	1
Access port position		Back
Access port diameter	Ø mm	30
Casters	qty	4 (2 levelling feet)
Accessories		
Key	set	x 1
Alarms		(V = Visual Alarm, B = Buzzer Alarm)
High temperature		V-B
Low temperature		V-B
Electrical and Noise Level		
Power supply		230 V, 50 Hz
Rated power consumption	W	327
Noise level [4]	dB (A)	48

[1] External dimensions of main cabinet only, excluding external projections - See dimensions drawings on website for full details

[2] Air temperature measured at refrigeration compartment centre with no load and ambient temperature of +10°C to +35°C.

[3] Air temperature measured at refrigeration compartment centre at no load and ambient temperature of +35°C.

[4] Nominal value - Background noise 20 dB (A)

- Appearance and specifications are subject to change without notice.

Caution: PHC Corporation guarantees this product under certain warranty conditions. However, please note that PHC Corporation shall not be responsible for any loss or damage to the contents stored in the product.

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