

Laboratory freeze-dryer LYOALFA 6

The LYOALFA 6 is a general-purpose laboratory freeze-dryer designed for use in research in biotechnology, clinical and pharmaceutical fields. The equipment is very flexible in its application and can be used for simultaneous freeze drying in flasks, vials or bulk by connection to various manifold systems or to a chamber. The unit is designed and manufactured according to GLP requirements.



CODE	MODEL
23752	LYOALFA 6 -50 / 220V 50Hz
23753	LYOALFA 6 -50 / 220V 60Hz
23754	LYOALFA 6 -80 / 220V 50Hz
23755	LYOALFA 6 -80 / 220V 60Hz

general features

- Compact designed base unit complete with castors for easy mobility, constructed in a steel stove enamelled cabinet with stainless steel front and rear door for service purposes.
- Simple connection to the operation systems: chambers tube manifolds (see accessories).
- Two-stage vacuum pump supplied with Gas-Ballast to remove water vapour or other condensables that could reach the pump. Exhaust filter included.

- Hermetical air-cooled refrigeration system. Ozone friendly refrigerant.
- Easy viewing of ice formation in condenser through a transparent acrylic door.
- Control system by microprocessor with digital screen.
- Read-out of vacuum and condenser temperature.
- Adjustment and read-out of shelves and product temperatures (only with chambers as an accessory).

basic unit technical data

CHARACTERISTICS	UNITS	LYOALFA 6-50	LYOALFA 6-80
Condenser capacity	kg (of ice)	10 (5 kg/24h)	10 (5 kg/24h)
Final temperature in condenser*	°C	<-50	<-80
Number of compressors	-	1	2
Nominal vacuum pump flow	m ³ /h	8.3	9.8
Total weight	kg	150	160
Voltage (single phase)	V-Hz	230 - 50/60	230 - 50/60
Total power	kW	1.5	2

*Valid for room temperature up to +21 °

DIMENSIONS (mm)



