

LAB FREEZER

ULTRA LOW TEMPERATURE FREEZER

(-85 °C)



Rack system and boxes available

FEATURES:

- SINGLE COMPRESSOR/LOW ENERGY
- LESS SPACE REQUIRED
- LOW PRICE
- DIGITAL CONTROLLER
- ENVIRONMENTAL FRIENDLY REFRIGERANT
- CO² BACK-UP (OPTION)
- REMOTE ALARM (OPTION)
- TEMPERATURE RECORDER (OPTION)



CO₂ – Back Up System



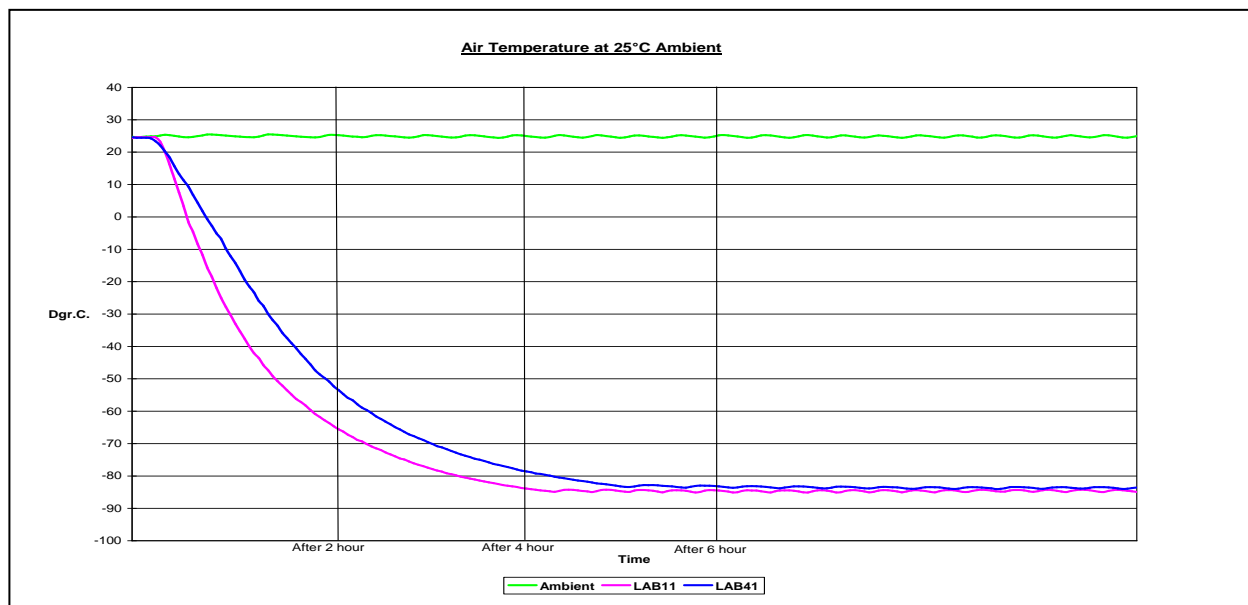
QUALITY SYSTEM AND ENVIRONMENTAL MANAGEMENT SYSTEM
DS/EN ISO 9001
DS/EN ISO 14001



Elcold has developed a new generation of high performance single compressor freezers for ultra low temperatures, using purely environmental friendly Hydro Carbon refrigerants and with a low energy consumption.

The LAB FREEZER is available in 3 sizes: 130 liter, 301 liter and 416 L net volume. Although the freezer can reach -85°C, the standard setting from our factory is -80°C to save energy.

The max ambient temperature is 25°C for large models and 30°C for small models. The freezer should only be used for storing, not as a blastfreezer.



		LAB 11	LAB 31	LAB 51
Ambient temperature	C°	+15° to +30°	+15° to +25°	+15° to +25°
Net. Volume	Liters	130	301	416
Height with 50 mm castors	mm	920	920	920
Width	mm	720	1300	1700
Depth excl. Handle and hinges	mm	650	650	650
Insulation thickness	mm	100	100	100
Inner dimensions (HxDxW)	mm	650x450x520/320	650x450x1100/900	650x450x1500/1300
Power consumption at + 25°C	Watts	435	650	728
Power consumption / 24 h	Kwh	5,8	7,9	9,9
Fuse	A	10	10	10
Voltage/Current	v/hz	220 v / 50 Hz	220 v / 50 Hz	220 v / 50 Hz
Temperature range	°C	-60° to -85°	-60° to -85°	-60° to -85°
Standard settings	°C	-80°	-80°	-80°
Noise level	DbA	≤51	≤51	≤51
Weight excl. packaging	Kg	56	80	95
Weight incl. wooden box	Kg	110	152	205
Pull down time from +25° C to -85°C	Hours	4	5	5
Compressor	Type	Danfoss	Danfoss	Danfoss
Maximum Freezing Capacity per. 24H	Kg	4	5	6
Digital Controller		Dixell	Dixell	Dixell
Acoustic Alarm		Yes	Yes	Yes
Castors		50 mm	50 mm	50 mm
Potential free contact		Yes	Yes	Yes