Cryopal oxygenotherapy

Freelox

DATA SHEET PORTABLE UNITS

Features that make the difference

- **> Compatibility to fit all oxygen base units***
- **> Easy to clean and disinfect**
- **> Ergonomic flow control valve**
- **> Ergonomic condensation collector easy to remove**
- **> Felt condensation collection cloth**
- **> Easy to read & accurate electronic level indicator**
- **> Electronic display with capacitiv gauge or spring balance**
- **> Simple and quick maintenance**
- **> Plastic supports strengthened**
- **> All needed accessories available**
  - Rolling cart & backpack
  - Tubing & cannula

Device presentation

- Designed for the storage of liquid oxygen at -183°C
- Volumes of 0,5L or 1,2L
- Pressurized mobility device (1,45 bar for operating pressure)
- Flow ranges : 0,25/0,5/1/1,5/2/2,5/3/4/5/6/7
- 7 h of autonomy for a 1,2L at 2L/min
- Evaporation rate <0,5L/day
- Stainless steel double walled container with vaccum interspace
- Vacuum 5 years warranty
- Medical Device 93/42/CEE

Used materials

- Polycarbonate
- Stainless steel
- Aluminium alloys
- Felt
- Brass
- PTFE
- PCTFE
- Silicone

Display

- Appliance type (B-BF-CF ref IEC 62-5 standards): IIB
- Electrical supply : Direct Current
- Battery : 1 alkaline battery 9V

* With compatible filling connector. US or CE

Storage conditions

- Ambient temperature : from -40°C to 70°C
- Relative humidity : from 0 to 95% without any condensation
- Atmospheric pressure : from 700 to 1060 hPa

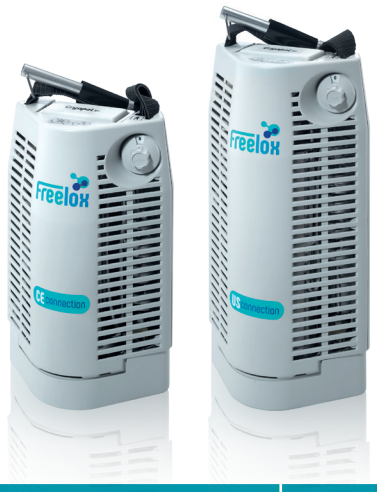
Operating conditions

- Ambient temperature : from +10°C to 40°C
- Relative humidity : from 30% to 75%
- Atmospheric pressure : from 700 to 1060 hPa

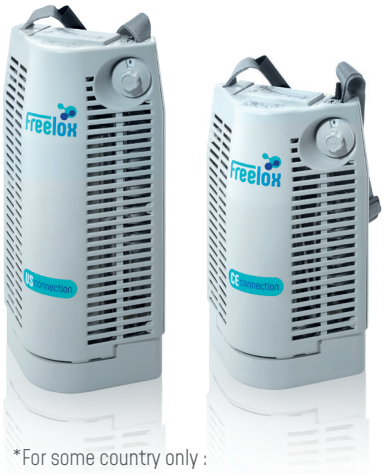
Quality System Certified ISO 13485

MD 93/42/CEE GMED CE 0459

TPED 2010/35/UE APRAGAZ π 0029



Volume	US Connexion	CE Connexion
Electronic gauge		
0,5L	LF136902	LF137001*
1,2L	LF137500	LF137600*
Spring balance		
0,5L	LF137200	LF137101*
1,2L	LF137800	LF137701*



*For some country only :
LF137001 : LF137400 or LF137000
LF137600 : LF138000 or LF137601
LF137101 : LF137300 or LF120000 or LF137100
LF137701 : LF137900 or LF120100 or LF137700

Technical characteristics	Unit	0,5L	1,2L
Liquid capacity	L	0,5	1,2
Gaseous capacity	L	429	1029
Height	mm	310	380
Lenght	mm	197	
Width	mm	131	
Weight, empty	Kg	1,75	2,2
Weight, full	Kg	2,3	3,6
Operating pressure	bar	1,45	
Maximal pressure	bar	2	
Evaporation rate (liquid)	SLPD	<0,5	
Evaporation rate (gas)	SLPD	<429	
Normal Evaporation Rate (NER)	kg/Day	0,57	
Average fill time (20°C)	s	45	60
Flow control range	SLPM	0 to 7 ± 10%	
Flow settings	SLPM	0,25/0,5/1/1,5/2/2,5/3/4/5/6/7	
Primay valve	PSI	21	
Safety valve	PSI	30	

Autonomy		
Flows (SLPM) +/- 10%	0,5L	1,2L
0,25	14h	30h
0,5	10h	20h
1	4h30	13h
1,5	3h45	9h
2	2h30	7h
2,5	2h15	5h30
3	1h45	4h30
4	1h30	3h30
5	1h15	3h
6	45min	2h
7	35min	1h30

Primary valve ensures the working optimum pressure of the device and, the safety one prevents sudden pressure rises in addition to the primary, especially to ensure safety measures during transfer from the base unit

100% MANUFACTRED IN FRANCE

Parc Gustave Eiffel, 8 Av. Gutenberg CS10172 Bussy Saint Georges 77 600 Marne La Vallée Cedex 03 France

www.Cryopal.com