

# CRYOPAL

## ***FREELOX***

A breath of freedom



Stationary  
and portable  
tanks for liquid  
oxygen

**Safety**

**Ease of use and operation**

**Low maintenance**

[www.dmc.airliquide.com](http://www.dmc.airliquide.com)  
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# Advantages

Freelox has been developed in collaboration with AL cryogenic research and with the assistance of homecare service providers and patients. The Freelox range has been designed to improve safety, facilitate use and reduce maintenance.



## Safety

### Filling adaptor with flat valve:

avoids the risk of liquid oxygen splashes if the valve is accidentally depressed.

### Patented frost prevention heater:

the spirals flare out at the bottom to prevent icing up, even at high flow rate.

### Transport:

360° handling ring, carrying handles, no projecting parts.

### Level indicator:

easy to read. A colour code avoids reading errors.



## Operation

### Stationary tanks with US /CE

#### filling connectors:

the shape of the tank cover ensures compatibility with main competitor portables. Interchangeable US or European connectors.

#### Patient gas outlet:

9/16 thread. Compatible with most commercial humidifiers.

#### Cleaning and Disinfection:

a single screw secures the cover. All parts are manually accessible. Easily removable condensation collector. Clean with water at high pressure.



## Maintenance

### Preventive maintenance:

now reduced to every 4 years.

### Safety valves:

factory-calibrated, no adjustment required.

### Stationary tank head:

moulded, reduces the number of parts and connectors.

## References

### FREELOX 2 stationary tanks

#### CE connector

20L	LF 109400
32L	LF 105100
44L	LF 105200

#### US connector

20L	LF 109300
32L	LF 107200
44L	LF 107300

### FREELOX 2 portables

#### CE connector

0.5L	LF 100100
1.2L	LF 100200

#### US connector

0.5L	LF 107600
1.2L	LF 107500

### Base with casters

LF 147000
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## Technical specifications

	Unit	Reservoir			Portable	
Sales identification		44L	32L	20L	1.2L	0.5L
Total volume	L	43,9	32	20	1.15	0.45
Diameter	mm	366	366	366	/	/
Height	mm	960	820	680	365	295
Weight, empty	Kg	26	20.7	17.8	2.2	1.6
Weight, full	Kg	70	55	40	3.5	2.1
Autonomy 24h/24 at 2l/mn	D and H	10j	7j	5j	6h30	3h15
Evaporation (liquid)	Liters/Days	<0.7	<0.7	<0.7	<0.5	<0.5
Controllable flow rate range	L/min	0 to 6	0 to 6	0 to 6	0 à 7	0 à 7
Average filling time (cold)	Min/sec	3 min 20 sec	2 min 20 sec	1 min 20 sec	1	45 sec
(Cryopal filling connector)		4 min 45 sec	3 min 50 sec	3 min		
for CE/US connector						
Flow rate	L/min	0/0.25/0.5/0.75/1/1.5/2/2.5/3/4/5/6			0/0.25/0.5/1/1.5/2/2.5/3/4/5/6/7	



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ISO 13485