



NOBLEGEN
cryogenics

Callisto LN40

High purity liquid nitrogen generator

The Callisto Series is a range of reliable, and highly efficient on-site liquid nitrogen generators with a dual cabinet design allowing for larger liquid production and storage. Supporting numerous applications in laboratories, research institutes, universities, hospitals, dermatology clinics and many more, the small footprint, low power consumption and low noise system make the Callisto one of the most user-friendly on-demand liquid nitrogen generators available on the market today.

Callisto liquid nitrogen generators come with various safety features as standard, giving you peace of mind and a far safer, dependable and more convenient alternative to liquid nitrogen deliveries.

The Callisto LN40 produces 40 litres per day and comes with a 1.5m vacuum insulated hose as standard. An internal storage volume of 100 litres allows for efficient filling of freezers or dewars, or direct to the application without having to transfer from bulk. Water cooled option is available for more demanding environmental conditions.



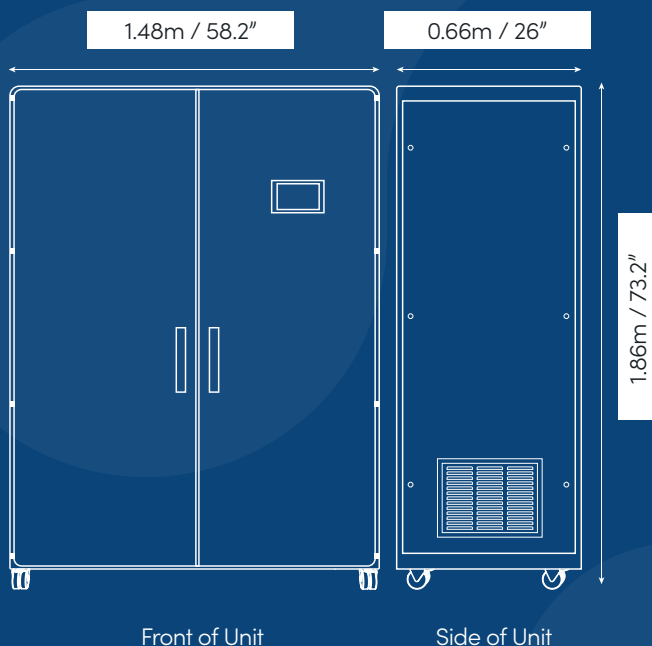
Application

On-demand nitrogen source for:

- ▶ IVF
- ▶ Animal husbandry
- ▶ Bio-preservation
- ▶ Pharmaceuticals
- ▶ Semi-conductor research
- ▶ Research laboratories

Features

- ▶ LN40A features plug and play convenience
- ▶ Eliminate boil off loss with no loss pressure system
- ▶ High purity sterile liquid nitrogen
- ▶ Boost function
- ▶ Intelligent level sensor
- ▶ Automatic standby when liquid nitrogen storage full
- ▶ Colour touch screen with real time display
- ▶ Vacuum protection system
- ▶ Nitrogen pulse flow system™
- ▶ Built-in oxygen analyser
- ▶ Sterile filtration
- ▶ Low power consumption
- ▶ Water cooled option




Technical Specifications	Callisto LN40W	Callisto LN40A
LN ₂ production (L/day)	40 @ standard 1.5 bar	
Boost option (L/day)	45 @ 4 bar	
LN ₂ purity	>99%	
LN ₂ tank volume	100	
Standard LN ₂ pressure (bar g)	Up to 1.5	
Power consumption (kW)	4.0	
Power supply options	380/400/415V - 50Hz or 460/480V - 60Hz or 200V - 50/60Hz	
Operating temperature	5°C (41°F) to 35°C (95°F)	5°C (41°F) to 28°C (82°F)
Max altitude (m)	2000	
Water chiller model	Please contact Noblegen	-
Chill water flow/return connection	1/2" BSPPF	-
Noise (dBA)	<60	
Generator dimensions (WxDxH)	1.48m x 0.66m x 1.86m (58.2 x 26 x 73.2 in)	
Shipping dimensions (WxDxH)	1.65m x 0.8m x 2.10m (65 x 31.9 x 82.7 in)	
Net weight	463kg (1121 lbs)	491kg (1082 lbs)
Shipping weight	577kg (1272 lbs)	567kg (1250 lbs)

LN₂ production rates stated at +25°C ambient temperature and <2,000 metres altitude.

Ordering Information		
Part Number 380/400/415v - 50Hz	NG20-0005	NG20-0004
Part Number 460/480v - 60Hz	NG20-0011	NG20-0009
Part Number 200v - 50/60Hz	NG20-0020	NG20-0035
Service Plan	visit: www.noblegencycryogenics.com/contact-us	

Accessories Table	
NG03-0002	Non-Vacuum Insulated Hose (1.5m)
NG03-0001	Vacuum Insulated Hose (1.5m)
NG04-0153	PPE Safety Kit

Certifications



Find out more

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For a full list of our worldwide office locations, please visit our website

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