

CanGas®

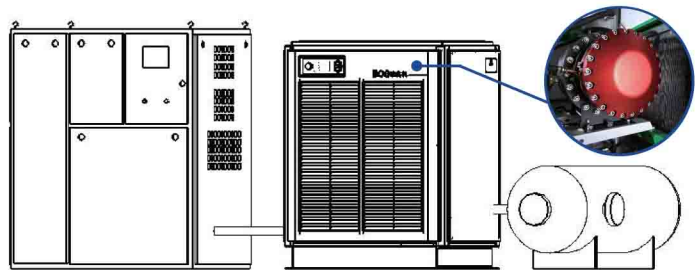
Air Separation Solutions

LNS PRODUCTS

Liquid Nitrogen Stations

CANGAS Liquid N₂ Stations are reliable and compact system based on the principles of the thermoacoustic power cryocooler. Being integrated with an On-site N₂ generator, the LNS can produce standard 98% N₂ and other customized purity liquid N₂, The system is designed to be very compact with small footprint and can be fitted into most user location, and can be designed to be mobile.

The thermoacoustic cryocooler is equipped with a gas-bearing piston, the design allows it to work without friction. Advanced pulse tube production and



spraying ensure its reliability and durability. Integral structure significantly reduces the cooler's size. Water cooling technology allows extremely low noise level while maintaining high level performance. In addition, dedicated cryogenic controlling technology provides stable and accurate control of temperature.

CAN GAS SYSTEMS COMPANY LIMITED

Add: Room B514-516, GID International Center, No. 27 Nanbinhe Road,
Xicheng District, Beijing, China 100055

Phone: +86 10 6333 8130

Fax: +86 10 6333 8230

E-mail: sales@can-gas.com

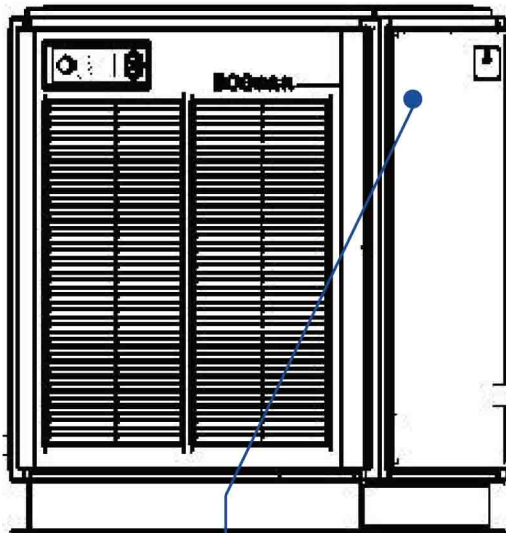
Website: www.can-gas.net



strict quality control process imparts each CANGAS® system outstanding quality and high reliability

Model and Specifications:

Model	CALNS-10	CALNS-20	CALNS-120	CALNS-240
LN capacity	10 Liters/Day	20 Liters/Day	120 Liters/Day	240 Liters/Day
Dewar Assembly Capacity	35 L	100 L	300 L	500 L
Cold Head Model	CAN4580	2*CAN4580	CAN5580	2*CAN5580
Dimensions (mm)	700×400×1200	1000×800×1200	1000×800×1500	1200×1600×1500
Weight	100Kg	150Kg	350Kg	600Kg
Electrical rating	220V, 1 phrase	220V, 1 phrase	380V, 3 Phase	380V, 3 Phase
Power	1.5KW	3.0KW	13KW	30KW
Cooling Water	Min. 3 L/min @27°C Maximum Temperatur	Min. 6 L/min @27°C Maximum Temperature	Min. 10-12 L/min @27°C Maximum Temperature	Min. 22-25 L/min @27°C Maximum Temperature
Air cooled	Available	Available	Available	Available
N ₂ Generator assembly	CAME-P-1	CAME-P-2	CAME-P-3	CAME-P-4
N ₂ Capacity	0.4m ³ /h	0.8m ³ /h	5m ³ /h	10m ³ /h
N ₂ Purity	98%	98%	98%	98%
Dimensions(mm)	800×400×1200	800×400×1200	1400×500×1500	1500×600×1600
Weight	200Kg	210Kg	240Kg	250Kg
N ₂ Generator Power	2KW	2KW	5KW	6.5KW
LNS Total Power	3.5KW	5KW	18KW	36.5KW
Systems Assembly	On-site N₂ generator, Cryocooler, Dewar(option), Piping and Fittings, Control system.			



CAN GAS SYSTEMS COMPANY LIMITED

Add: Room B514-516, GID International Genter, No. 27 Nanbinhe Road,

Xicheng District, Beijing, China 100055

Phone: +86 10 6333 8130

Fax: +86 10 6333 8230

E-mail: sales@can-gas.com

Website: www.can-gas.net

