



Liquid Nitrogen Generator Specification Sheet LN120

Liquid Nitrogen Production Rate:	120 litres/day (5 litres/hr); 31.7 gal/day (1.3 gal/hr)
Skid Dimensions:	2.0m (L) x 2.0m (W) x 1.5m (H)
Skid Weight:	1,200 Kg
Dewar Volume:	300 Litres (80 gallons)
Cold Head Assembly:	2 x Cold-head assembly
Helium Compressor:	2 x Helium Compressor - water cooled
Electrical Input options:	480v / 3ph - 60Hz or 380v/400v/415v / 3ph - 50Hz 200v / 3ph – 50/60Hz
Cold head :	15.5kw @ 50Hz / 18kw @ 60Hz
Water Cooling Requirement:	15kw of cooling capacity
Ambient Temperature Range:	+5°c to +50°c (for water cooled)
Maximum altitude:	10,000 feet (3,000 metres) – higher altitudes available
Nitrogen Gas Requirement:	65 LPM / <1% Oxygen (model MNG104L supplied)
Compressed Air Requirement:	Kaeser SX6 or equivalent – 0.30m ³ /min @ 10 bar
Noise Level:	<85dBA @ 1 metre
Control System:	HMI colour graphic touch screen
Tank Level high / low Setting:	Adjustable – 0 – 100%
Main Features:	Dewar Vacuum Protection System 50%, 100% production control Complete system auto restart on power failure
Certification:	Dewar – EN 13458 / 97/23/EC; System – CE / ISO9001:2008

