

GASIFIERS

Airfield Nitrogen Gasifier LGA/N

Airfield nitrogen gasifier LGA/N is designed for gasification of liquid nitrogen for filling dispenser cylinders and external cryogenic tanks with liquid nitrogen. LGA/N is mounted on a low chassis and fit for towing. It is suitable for air transport. LGA/N is powered from TN-C or TN-S three-phases a.c. mains or a power generator with the following parameters:

- rated voltage 3 x 230 V / 400 V
- frequency 50 Hz
- power consumption at gasification, max. 40 kVA



TECHNICAL DATA

gas type

liquefied nitrogen, PN-C-84911 standard compliant

product name

gaseous nitrogen, PN-91 / L-01262 standard compliant

liquid nitrogen tank capacity

427 dm³

operating pressure in tank

max. 1,4 MPa

operating pressure in nitrogen system

max. 35 MPa

portable tank filling pressure

max. 1,4 MPa

discharged nitrogen „dew point“ at pressure 0,1 MPa

no more than -55°C

capacity (at pressure gas discharge pressure 35 MPa and ambient temperature +20°C)

125 Nm³/h

max. discharged nitrogen temperature

+70°C

filtering accuracy

5 µm

PARAMETERS

dimensions with tow rod (L x W x H)

5900 mm x 1760 mm x 1585 mm

dimensions without tow rod (L x W x H)

4000 mm x 1760 mm x 1585 mm

weight with full liquid nitrogen tank

2850 kg

transport weight with empty tank

2505 kg