

GASIFIERS

Airfield Oxygen Gasifier LGT/N

Airfield oxygen gasifier LGT/N is designed for liquid oxygen gasification for filling dispenser cylinders and external cryogenic tanks with liquid oxygen.

LGT/N is mounted on a low chassis and fit for towing.

It is suitable for air transport.

LGT/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 oxygen, PN-C-84911 standard compliant

product name

oxygen gas, PN-93 / L-01267 standard compliant

liquid oxygen tank capacity

427 dm³

operating pressure in tank

max. 1,4 MPa

operating pressure in oxygen system

max. 16,5 MPa

gas cylinder (dispenser) filling pressure

15 MPa

discharged oxygen „dew point“

at pressure 0,1 MPa

no more than -55°C

capacity (gas discharge pressure 15 MPa and ambient temperature +20°C)

min. 125 Nm³/h

portable cylinder with liquid oxygen filling pressure

no more than 1,4 MPa

max. discharged oxygen temperature

+70°C

filtering accuracy

5 µm

PARAMETERS

dimensions with tow rod (L x W x H)

5900 mm x 1760 mm x 1580 mm

dimensions without tow rod (L x W x H)

4000 mm x 1760 mm x 1580 mm

weight with full liquid oxygen tank

2650 kg

transport weight with empty tank

2200 kg