

DISTRIBUTORS

Airfield Nitrogen Distributor LDA/N

Airfield nitrogen distributor LDA/N is designed for filling aircraft systems with compressed nitrogen. The device includes a closed body containing systems and units for nitrogen compression, storage, purification and discharge. LDA/N is mounted on a low chassis and fit for towing. The unit is adapted for transport on board CASA C-295M aircraft or its equivalent.



TECHNICAL DATA

gas type

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

„dew point“ at pressure 0,1 MPa (760 Hg)

no more than -55°C

discharged nitrogen temperature ambient temperature + 50°C

≤+70°C

number of gas cylinders in dispenser

8 pcs. (2 groups of 4 cylinders)

cylinder capacity

50 dm³

continuous compressor operation duration

max. 4 h

cylinder battery capacity at pressure 35 MPa

140 m³ (127,5 kg)

max. operating pressure in cylinders

35 MPa

safety valve opening pressure

36 MPa

cylinder filling pressure

35 MPa

compressor drive power

12 kW

dispenser capacity ambient temperature + 20°C, gas pressure in suction line 12 MPa

≥120 m³/h

discharged nitrogen operating pressure

infinitely adjustable from 0 to 9,3 MPa
infinitely adjustable from 0,3 to 35 MPa

PARAMETERS

dimensions with tow rod (L x W x H)

5580 mm x 1780 mm x 1600 mm

dimensions without tow rod (L x W x H)

3700 mm x 1780 mm x 1600 mm

weight

3500 kg