

## DISTRIBUTORS

# Airfield Oxygen Distributor LDT/N

Airfield oxygen distributor LDT/N is designed for filling aircraft systems with compressed oxygen. The device includes a closed body containing systems and units for oxygen compression, storage, purification and discharge.

LDT/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

breathing gaseous oxygen, PN-93 / L - 01267  
standard compliant

„dew point“ at pressure 0,1 MPa (760 Hg)  
no more than -55°C

### discharged oxygen temperature

+70°C

### max. operating pressure in oxygen system

16,5 MPa

### continuous compressor operation duration

not less than 4 h

### oxygen cylinder battery capacity at pressure

15 MPa (with respect to 0,1 MPa pressure)

50 m<sup>3</sup>

### discharge capacity ambient temperature

+20°C, gas pressure in suction line 12 MPa

not less than 85 m<sup>3</sup>/h

### safety valve opening pressure

17 MPa

### cylinder filling pressure

16,5 MPa

### discharged oxygen pressure

15 MPa and 3 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

3300 kg