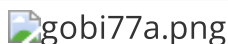


**GOBI77A**

Automatic Dehydrator, 230 VAC



The GOBI77 Automatic Pressurization Dehydrator is designed to protect air dielectric cable systems up to 3600 l.

The dehydrator includes a self contained completely automated air drying system that utilizes a pressure swing moisture absorption cycle to provide pressurized dry air. This eliminates the need for replacement or manual reactivation of the desiccant and together with the LAN remote monitoring makes the GOBI77 dehydrator ideal for unattended operation at even remote sites.

The diaphragm pumps start at 25 kPa and stop pumping 40 kPa to save energy.

Minimum air volume of the connected cables for proper operation is 30 l !

Features / Benefits

- Flow rate 840 NI/h +/- 10%
- dew point better than -40°C @ 30°C Ambient temperature and 85° relativ humidity
- two pumps each with two drying chambers running alternatively
- drying chamber automatic regeneration
- microprocessor control low/high pressure, high humidity, power and system failure alarm
- local and remote alarm signalling
- mounting: wall, floor, 19" rack, 21" rack

Technical Features

GENERAL SPECIFICATIONS

Product Type	Automatic Dehydrator
max. System Volume @Sea Level	3,600 l
Output Capacity	840
Output Pressure	25 kPa starting pump, 40 kPa stopping pump, factory adjusted
Output Dew Point	-40
Number of Outlets	4
Output Fitting	10 mm OD tube or adapter
Network Management	TCP IP protocol, RJ45 connection

ELECTRICAL SPECIFICATIONS

Operating Voltage	230 V AC
Operating Current	0.7

MECHANICAL SPECIFICATIONS

Dimension H x D x W	31 x 29 x 48.2 (wall mount) </br>31 x 24.5 x 53.5 (21" rack mount) </br>31 x 24.5 x 48.2 (19" rack mount) cm
Weight	21 kg

ENVIRONMENTAL

Ambient Temperature Range	-10 to +40 °C
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ALARMS

Alarm	Summary alarm provided by internal SPDT (Single Pole Double Throw) relay contacts. (remote alarm)
	Power and system failure (remote alarm)
	High pressure alarm (local alarm)
	Low pressure alarm (local alarm or by remote TCP/IP protocol)
	High humidity (local alarm or by remote TCP/IP protocol)

ACCESSORIES

Model Name	Description
TUBE-01-G18	Gas inlet adaptor G 1/8" for 6mm tube
TUBE-0816	Tube Clamp, 8-16 mm
TUBE-SEAL	Teflon Tape 10mm, 12m

NOTES

Delivery includes following accessories:

- 1x Power connector : IEC socket
- 1x Alarms connector : female connector with plastic case
- 25 meter Tube PR-5 or MB Ø10 mm.
- 4x Output angle adapters : plastic L code H2291(Dehydrator side)
- 4x Quick release union elbow : code H22106 (Cables side)
- 4x Adapters for cables connectors : code H0905 (1/8" thread)

Related Documents**Service Manual**

Other Documents