

**GIBSONXF4**

Automatic Dehydrator, 230 VAC



The GIBSON X F4 Automatic Pressurization Dehydrator is designed to protect air dielectric cable systems up to 950 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 flowmeter leakage monitoring makes the GIBSON X F4 dehydrator ideal for unattended operation.

The diaphragm pumps hold a pressure of 12 kPa.

Features / Benefits

- Flow rate 250 NI/h +/- 10%
- dew point better than -40°C @ 30°C Ambient temperature and 85° relativ humidity
- two pumps each with one drying chambers running alternatively
- drying chamber automatic regeneration
- microprocessor controls low pressure and power failure alarm
- local alarm signalling
- mounting: wall, floor, 19" rack
- including flowmeter for leakage easy detection

Technical Features**GENERAL SPECIFICATIONS**

Product Type	Automatic Dehydrator
max. System Volume @Sea Level	950 l
Output Capacity	250
Output Pressure	11 kPa factory pre-adjusted
Output Dew Point	-40
Number of Outlets	4
Output Fitting	10 mm OD tube or adapter

ELECTRICAL SPECIFICATIONS

Operating Voltage	230 V AC
OperatingCurrent	0.15

MECHANICAL SPECIFICATIONS

Dimension H x D x W	13.3 x 34.5 x 48.2 (wall mount) </br>13.3 x 30.5 x 48.2 (19" rack mount) cm
Weight	11 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.
	Power failure
	Low pressure alarm (pressure < 7 kPa and restored at >8 kPa)
	High humidity, visual monitoring with humidity indicator by changing salt's color.
	Leakage monitor by flow meter (range 0 - 25 l/h)

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