

Ultra Dry Gas Generator

Model UDA-300NA

GENERATORS

Description: The Airgas® Model UDA-300NA

Compressed Air Dryer provides ultra-dry, purified compressed air to analytical instruments. The model UDA-300 reduces the dewpoint to -100°F (-73°C) without operator attention.

Each system is delivered complete, and ready for easy installation. A high efficiency prefiltration system, automatic drains, a $0.01\mu\text{m}$ final filter, a moisture indicator, and pretested controls are integral to the design of each dryer.

To install, simply connect your house compressed air supply (at least 60 psig and 1/4 inch pipe) to the dryer inlet port, and connect the dryer outlet port to your instruments. Plug the electrical cord into a wall outlet - no electrician required - and the unit is ready for trouble-free operation.

Designed specifically for NMR instrumentation, the generator is completely automatic, and virtually maintenance free. It is ideal for injecting, spinning, and lifting operations. It is recommended by major NMR instrument manufacturers and is currently installed in several thousand locations.



Design Features

- Supplies ultra-dry, purified compressed air to NMR Spectrometers and other analytical instruments
- Ideal gas supply for spindle and automatic sample changer
- Completely eliminates costly, inconvenient nitrogen dewars - never pay for or change out another dewar
- Compact design frees up valuable laboratory floor space
- Completely automatic - plug it in and forget about it

Principal Specifications

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Model UDA-300NA Compressed Air Dryer	
Dew Point	-100°F (-73°C)
Flow Rate at 60 psig	390 scfh (184 lpm)
Flow Rate at 125 psig	720 scfh (340 lpm)
Min/Max Inlet Air Pressure	60 psig/125 psig
Max Inlet Air Temperature (1)	78°F (25°C)
Inlet/Outlet Port Size	1/4" NPT (female)
Electrical Requirements (2)	120 VAC/60 Hz, 10 Watts
Dimensions	41"h x 15"w x 8"d (104cm x 38cm x 20cm)
Shipping Weight	50 lbs (23 kg)

Notes:

- 1 Outlet dew point will increase at higher inlet compressed air temperatures.
- 2 Refer to voltage appendix for electrical and plug configurations outside North America.

Ordering Information for assistance, call 1-800-939-5711, 8 to 5 Eastern Time

Model Number	Description
Y80-UDA300NA	Compressed Air Dryer
Y80-72130V883	Inlet Pressure Regulator
Y80-MK7525	Annual Maintenance Kit
Y80-UDA-300-PM	Annual Preventative Maintenance Plan
Y80-UDA-300-DN2	Extended Support with 24 Month Warranty