

'CLEAN DRY AIR' COMPRESSED AIR DRYERS (CAD)

Features:-

- WALL OR BENCH MOUNT DESIGN
- EASY TO INSTALL
- LOW MAINTENANCE
- INLET AND OUTLET FILTRATION
- 2 YEAR FULL WARRANTY
- PLC CONTROLLED
- REGULATED OUTLET OPTION



DRYERS AVAILABLE

- 70 L/min
- 115 L/min
- 180 L/min
- 230 L/min
- 340 L/min
- 450 L/min

'Optional outlet regulator & gauge assembly as above on request'

Noblegen offers a range of small and efficient Compressed Air Dryers (CAD), utilising the reliable and efficient PSA technique to remove moisture from the air to give a dewpoint of -40°C . All the Dryer range are controlled using a PLC and manifold valves to give reliable and efficient operation. Either bench or wall mounted the Noblegen CAD range is an important part of any efficient laboratory removing the need for high pressure gas cylinders.

Applications:-

- AA Spectrometers
- NMR Spectrometers
- GC-ATD
- General Laboratory applications

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TECHNICAL SPECIFICATION

COMPRESSED AIR DRYER PRODUCT RANGE

Model	Outlet Flow L/min	Dimensions mm (ins)			Weight Kg (lbs)
		Height	Width	Depth	
CAD-070	70	500 (19.6)	300* (11.8)	200 (7.9)	18 (39)
CAD-115	115	500 (19.6)	300* (11.8)	200 (7.9)	20 (44)
CAD-180	180	600 (23.6)	400* (15.7)	250 (9.8)	25 (55)
CAD-230	230	600 (23.6)	400* (15.7)	250 (9.8)	27 (59)
CAD-340	340	600 (23.6)	400* (15.7)	250 (9.8)	30 (66)
CAD-450	450	800 (31.5)	600* (23.6)	300 (11.8)	35 (77)

* width excludes inlet and outlet filters, add 65mm for inlet filter, 65mm for outlet filter. For optional outlet regulator and gauge add 80mm.

Technical Data

Ambient Temp range	5-35°C (41-95°F)
Max Working Pressure	10 barg (145 psig)
Purity	Dewpoint: -40°C (-40°F)
	Particulate: <0.1 micron
	Non-methane HC <0.01ppm
	Oil <0.1mg/m ³
Electrical Supply	220v a.c. / 1ph / 50Hz or
	110v a.c. / 1ph / 50-60Hz
Inlet / Outlet connections	G 1/4" (BSP) Female



Standard Features

- ◆ All PLC controlled
- ◆ Separate inlet and exhaust valves fitted
- ◆ Bench or wall mount
- ◆ Low maintenance
- ◆ 2 years warranty
- ◆ Quiet operation

Options

- ◆ Additional inlet & outlet filtration on request
- ◆ Outlet regulator and gauge
- ◆ Ex Hazardous area version

Benefits

- ◆ Replaces high pressure gas cylinders
- ◆ Constant gas quality
- ◆ Compact design
- ◆ Meets the requirements of most TOC and FT-IR instruments

www.noblegen.co.uk