

‘CO2 PURIFIERS’ CO2 REMOVAL SYSTEMS

Features:-

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



PURIFIERS AVAILABLE

- 1.5 L/min
- 14.0 L/min
- 28.0 L/min
- 85.0 L/min

‘Optional outlet regulator & gauge assembly as above on request’

NobleGen offers a range of small and efficient CO2 Removal Purifiers, utilising the reliable and efficient PSA technique to remove CO2 to less than 1 ppm. All the Purifier range is controlled using a PLC and manifold valves to give reliable and efficient operation. Either bench or wall mounted the NobleGen CO2 Purifier is an important part of any efficient laboratory removing the need for high pressure gas cylinders.

Applications:-

- TOC Analyser
- FT-IR Purge
- Microscope Purge

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TECHNICAL SPECIFICATION

CO2 PURIFIER PRODUCT RANGE

Model	Outlet Flow L/min	Dimensions mm (ins)			Weight Kg (lbs)
		Height	Width	Depth	
CO2-P-015	1.5	500 (19.6)	300* (11.8)	200 (7.9)	18 (39)
CO2-P-140	14.0	500 (19.6)	300* (11.8)	200 (7.9)	20 (44)
CO2-P-280	28.0	600 (23.6)	400* (15.7)	250 (9.8)	25 (55)
CO2-P-850	85.0	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	5-50°C (41-122°F)
Max Working Pressure	10 barg (145 psig)
CO2 Content	<1ppm
Purity	Dewpoint: -70°C (-100°F)
	Particulate: <0.1 micron
	Non-methane HC <0.003ppm
Electrical Supply	220v a.c. / 1ph / 50Hz or
	110v a.c. / 1ph / 50-60Hz
Inlet / Outlet connections	G 1/4" (BSP) Female

Note: to guarantee inlet air quality use a Noblegen Clean Air Dryer



Standard Features

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

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