Carbon Dioxide Research Grade (N5.0)

Gas

→ Carbon dioxide research grade (N5.0)

Specification

99.999% minimum
→ nitrogen ≤4 ppm
→ oxygen ≤1 ppm
→ carbon monoxide ≤1 ppm
→ total hydrocarbons ≤1 ppm
→ moisture ≤2 ppm

The above concentrations are ideal volume fractions (= mole fractions).

Part numbers

270182-L, 150102-V, 150103-BC, 162647-RSH, 162619-RSQ.
Gas withdrawal products only.

Cylinder size	Cylinder contents (litres)†	Maximum filled pressure at 15°C (bar)	Approx. dimensions (H x ø) - heights are given to centre of typical valve outlet (m)	Approx. gross cylinder weight (kg)
L	2000	33.8	1.54 x 0.23	74
V	500	39.4	0.88 x 0.14	20
BC	50	23.8	0.43 x 0.10	7
RSH*	60	43.2	0.44 x 0.095	3
RSQ**	60	43.2	0.44 x 0.095	3

† Volume of gas expanded to 15°C, 1atm
ø Represents cylinder diameter

Outlet connection

BS341 No. 8 (0.860" x 14tpi right hand male with flat seat using washer)
*Hose barb
**Quick connector

Key contact numbers

For further product and safety information (including Safety Data Sheets)
UK: boconline.co.uk or Telephone 0800 020 800
ROI: boconline.ie or Telephone 1800 355 255

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