

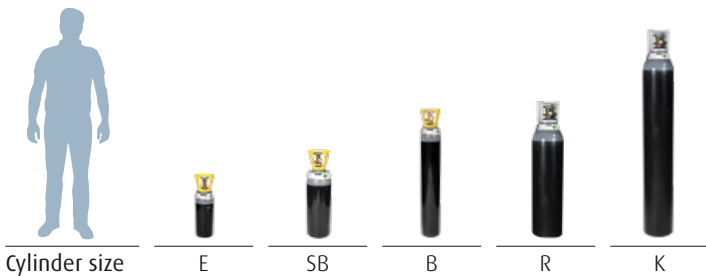
How Much Beer Do You Get for Your Gas?

Ever Wondered How Many Pints Your
Last Dispense Gas Cylinder Will Dispense?

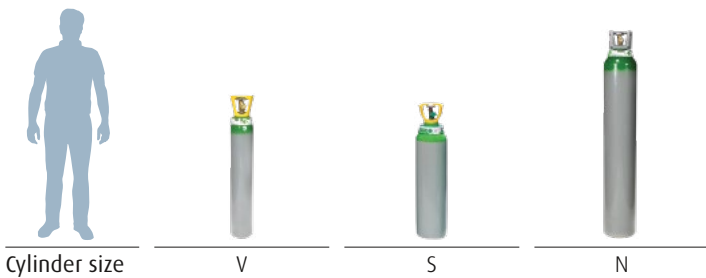


Guide to BOC SURESERVE's dispense gas cylinder range

SUREGAS® pure CO₂ gas cylinders



Mixed gas cylinders, SUREMIX® 30, 50 and 60



How much beer will a cylinder dispense

The table below shows approximately how many pints can be dispensed from each cylinder size.

SURESERVE® gas type and material code	Gas cylinder	Nominal gas content	No. of 11 gallon kegs dispensed*	No. of pints dispensed*
SUREGAS (CO ₂) 569-	E	3.15 kg	6 kegs	500
	SB	6.35 kg	12 kegs	1000
	B	6.35 kg	12 kegs	1000
	R	13.80 kg	26 kegs	2200
	K	34.00 kg	64 kegs	5600
SUREMIX 30 (30% CO ₂ , 70% N ₂) 564-	V	2.48 m ³	10 kegs	880
	S	4.51 m ³	18 kegs	1500
	N	11.74 m ³	44 kegs	3800
SUREMIX 50 (50% CO ₂ , 50% N ₂) 565-	V	2.75 m ³	10 kegs	880
	S	5.06 m ³	19 kegs	1600
	N	12.94 m ³	50 kegs	4400
SUREMIX 60 (60% CO ₂ , 40% N ₂) 566-	V	2.80 m ³	11 kegs	960
	S	5.12 m ³	20 kegs	1700
	N	13.14 m ³	51 kegs	4500

*Figures are nominal and will vary depending on the type of product dispensed, temperature and length of run to dispense point and the use of gas pumps etc.

Dispense gases will affect the taste and appearance of the pint and therefore customer experience.

CO₂ gives the beer a sharp taste and more bubbles, at the other extreme SUREMIX 30 will not add the sharp taste and will give the beer a tighter, creamier head. The right gas should be used to dispense the product and is recommended by the brewer. See the table below for guidance.

Carbon dioxide



100% pure carbon dioxide
→ Ideal for soft drinks and some lagers

Mixed gas



SUREMIX 30 – 30% CO₂/70% Nitrogen
→ Ideal for ales and stouts



SUREMIX 50 – 50% CO₂/50% Nitrogen
→ Ideal for lagers and ciders



SUREMIX 60 – 60% CO₂/40% Nitrogen
→ Ideal for lagers

What you should expect to see on a good dispense gas cylinder

A BOC dispense gas cylinder has several features that ensure that it is safe to use and will not negatively affect the quality of the dispensed products.

Positive pressure valve

Cylinders should be fitted with a positive pressure valve. This prevents liquids passing back into the cylinder and causing corrosion and potentially cylinder failure.

Cylinder test rings

All cylinders have to be tested every 10 years. The discs show the date past which the cylinder can not be filled. Cylinders can be used after this date, but not refilled by the supplier.

Food traceability label

There should be one on all dispense gas cylinders to ensure the supplier can trace the cylinder contents in the event of any issues. This could be a barcode or a label.

Product label

Containing the product name, Suppliers name, emergency contact details, risk and safety phrases and a hazard diamond.



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