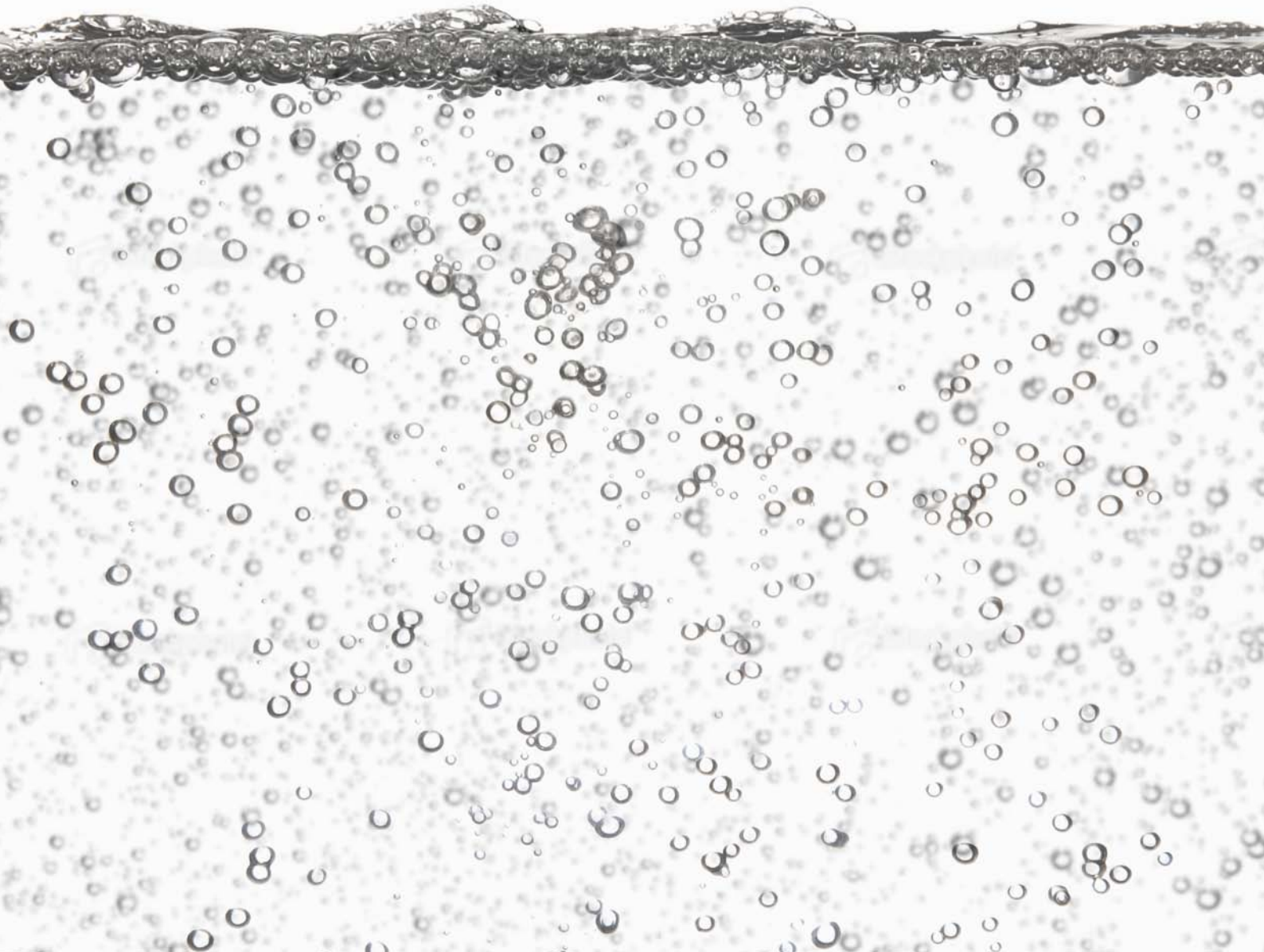


# Putting the bubbles in your beverage.

Quality beverage dispensing solutions from BOC.



# We serve quality solutions to the hospitality industry encompassing our gases, services and equipment.



Our gases are typically used in beverage dispensing for:

- CARBONATION of beer, soft drinks and cider
- PRESSURISATION in order to push liquid from storage source to point of dispense
- HEAD RETENTION of beer after it is poured
- PRESERVATION extending product shelf life.

Beverage gases have many applications which is why BOC invests so heavily in the supply chain. We are committed to the excellence of our products and services and aim to ensure our products meet the quality specification every time. It is important to us that your customers keep coming back.

Our focus on high quality includes:






- HACCP and ISBT accreditation for our Food Grade Carbon Dioxide
- Safety Data Sheets available anytime at [www.boc.com.au](http://www.boc.com.au)
- The ability to provide quality batch test results or certificates for our products as part of a solution.

As a valued BOC customer, you will have access to the following:

- Our team of Hospitality Specialists together with Customer Engineering Services (CES) can work with you to design, install and maintain a gas system and assist with AS 5034 compliance reviews.
- Our Customer Service Centre is available to take your order, enquiry or provide technical support Monday – Friday between 7.30 am-5 pm.
- An extensive gas distribution network delivering to metropolitan areas the next business day. Same day or emergency deliveries are available subject to additional fees.
- Customer Engineering Services (CES) provide a 24 hour, 7 day maintenance and service offer to ensure you can continue focussing on your customers.
- A large network of Gas & Gear® retail outlets to provide you with product and equipment advice, support or your choice of picking up cylinders.
- BOC website with online ordering, product, equipment, industry, safety and quality information at [www.boc.com.au](http://www.boc.com.au)

# Gases.

## Product information table.

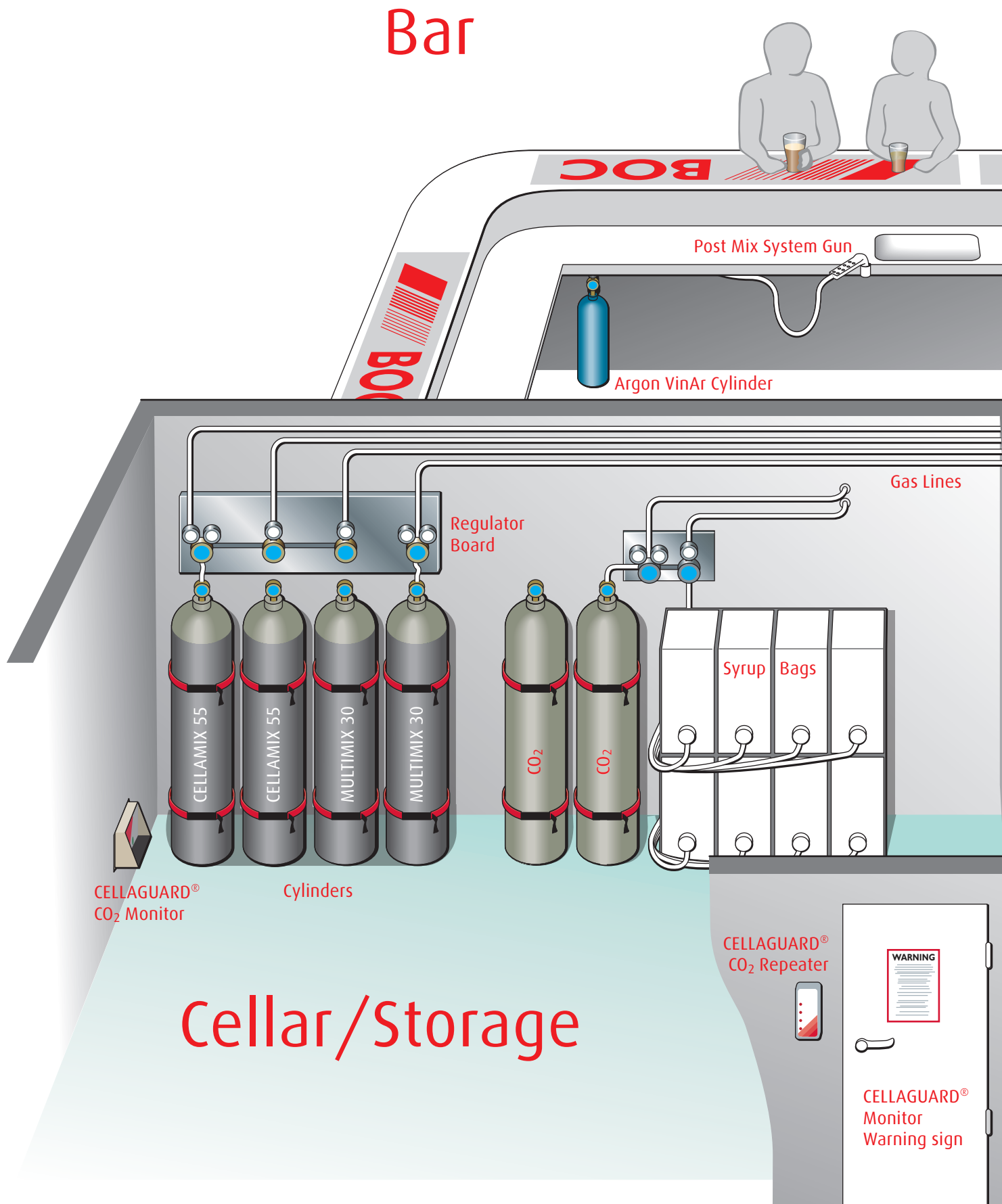
Description	Gas Composition	Cylinder Size*	Cylinder Content	Cylinder Diameter**	Cylinder Height**	Gauge Pressure	Outlet Connection
 <b>Carbon Dioxide Food Grade</b> <b>Gas Code: 082</b> Food grade quality gas used in pressure beverage dispensing for bulk beer, cider and post mix systems.	Carbon Dioxide 99.9%	D	6.0 kg	175 mm	585 mm	5700 kPa	AS 2473 Type 30
		VT	10.0 kg	215 mm	625 mm		
		F	22.0 kg	215 mm	1245 mm		
		G	31.0 kg	250 mm	1365 mm		
 <b>Nitrogen</b> <b>Gas Code: 036</b> Beverage gas used to mix with Carbon Dioxide for beer dispensing.	Nitrogen 99.99%	D	1.4 sm <sup>3</sup>	175 mm	585 mm	16300 kPa	AS 2473 Type 50
		E	3.6 sm <sup>3</sup>	215 mm	955 mm		
		G	7.2 sm <sup>3</sup>	250 mm	1365 mm		
 <b>MULTIMIX® 30</b> <b>Gas Code: 037</b> Beverage gas typically used for dispensing bulk stout for Guinness.	Carbon Dioxide 30%, Nitrogen 70%	VT	2.3 sm <sup>3</sup>	215 mm	625 mm	13 400 kPa	AS 2473 Type 50
		F	5.2 sm <sup>3</sup>	215 mm	1245 mm		
		G	7.3 sm <sup>3</sup>	250 mm	1365 mm		
 <b>CELLAMIX® 40</b> <b>Gas Code: 085</b> Beverage gas typically used to dispense draught beer.	Carbon Dioxide 40%, Nitrogen 60%	VT	2.2 sm <sup>3</sup>	215 mm	625 mm	12000 kPa	AS 2473 Type 30
		F	4.9 sm <sup>3</sup>	215 mm	1245 mm		
 <b>CELLAMIX® 55</b> <b>Gas Code: 098</b> Beverage gas typically used to dispense all beer types even some stout beers.	Carbon Dioxide 55%, Nitrogen 45%	VT	2.7 sm <sup>3</sup>	215 mm	625 mm	12000 kPa	AS 2473 Type 30
		F	6.0 sm <sup>3</sup>	215 mm	1245 mm		
 <b>CELLAMIX® 75</b> <b>Gas Code: 097</b> Beverage gas typically used for dispensing beer.	Carbon Dioxide 75%, Nitrogen 25%	F	6.0 sm <sup>3</sup>	215 mm	1245 mm	9300 kPa	AS 2473 Type 30
 <b>Argon VinAr</b> <b>Gas Code: 074</b> Beverage gas typically used to preserve and dispense wine.	Argon 99.99%	C	0.5 sm <sup>3</sup>	117 mm	410 mm	16900 kPa	AS 2473 Type 10

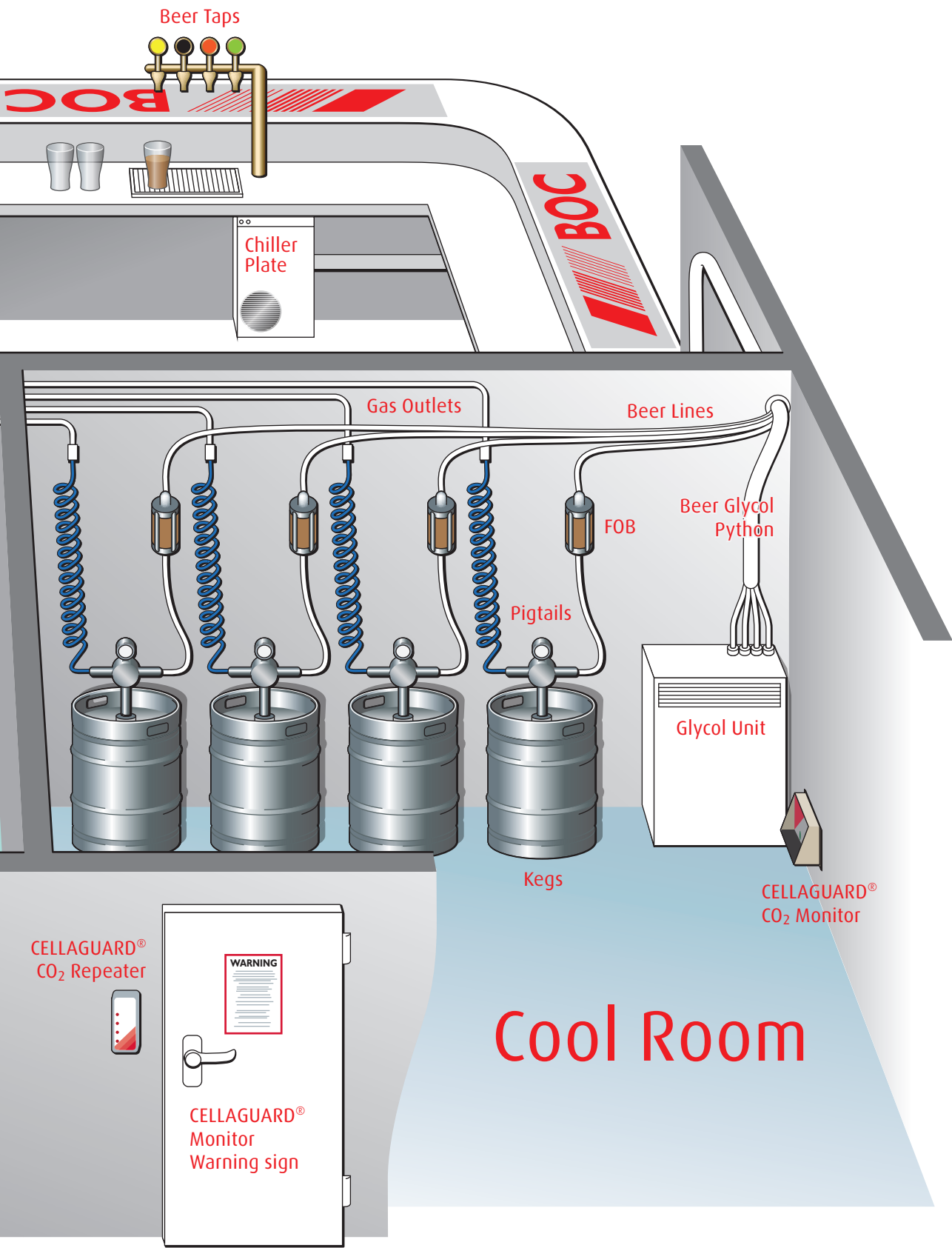
\*Availability of cylinder sizes will vary across the states.

\*\*Based on aluminium cylinders without a valve.

## Gas Cylinder Safety

For anyone using compressed gas cylinders, knowledge and understanding of the Do's and Don'ts is essential. Please refer to the Guidelines for Gas Cylinder Safety available at [www.boc.com.au](http://www.boc.com.au) for detailed information relating to safe handling of gas cylinders.







## Equipment

### CELLAGUARD® monitor range.



CELLAGUARD® Carbon Dioxide (CO<sub>2</sub>) monitor and repeater.



CELLAGUARD® Carbon Dioxide (CO<sub>2</sub>) and Oxygen (O<sub>2</sub>) monitor and repeater.



Splashguard.

BOC CELLAGUARD® monitors are available in Carbon Dioxide (CO<sub>2</sub>) or both Carbon Dioxide and Oxygen (O<sub>2</sub>) models. There are two key components, the monitor and the repeater.

- The monitor is installed inside the cellar or cool room (close to the point of gas supply and/or gas use) and monitors the quality of the air in the environment.
- The repeater is installed near the entrance to the cellar and 'repeats' or mimics the conditions of the monitor. Where there is more than one entrance to the area, extra repeaters can be installed.

#### CELLAGUARD® CO<sub>2</sub> monitor

The CELLAGUARD® CO<sub>2</sub> monitor is designed to detect increased levels of CO<sub>2</sub> in an enclosed area like a store room, cellar or cool room (ambient air). The monitor has two preset CO<sub>2</sub> alarm levels of 1.5% and 3% that provide an audible and visual indication of potentially dangerous levels of CO<sub>2</sub> in the air surrounding the monitor. The CELLAGUARD® CO<sub>2</sub> monitor is suitable for areas where Carbon Dioxide is used exclusively.

#### CELLAGUARD® CO<sub>2</sub> and O<sub>2</sub> monitor

The CELLAGUARD® CO<sub>2</sub> and O<sub>2</sub> monitor is designed to detect the presence of CO<sub>2</sub> or a reduction in O<sub>2</sub> levels in an enclosed area like a store room, cellar or cool room (ambient air). The monitor has two preset CO<sub>2</sub> alarm levels of 1.5% and 3%, and a preset O<sub>2</sub> alarm level of 19% that provide an audible and visual indication of potentially dangerous levels of CO<sub>2</sub> or O<sub>2</sub> in the air surrounding the monitor. The CELLAGUARD® CO<sub>2</sub> and O<sub>2</sub> monitor is suitable for areas where Nitrogen and Carbon Dioxide are used.

The BOC CELLAGUARD® monitor package includes:

- CELLAGUARD® CO<sub>2</sub> monitor or CELLAGUARD® CO<sub>2</sub> and O<sub>2</sub> monitor
- CELLAGUARD® alarm repeater
- Splashguard
- Signage
- Warranty

This package is designed to ensure you know the CO<sub>2</sub> and O<sub>2</sub> levels inside the room are at a safe level for you to enter, reducing the risk of exposure.

## Equipment





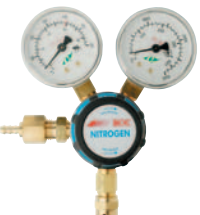
### BOC regulator board.

Compliant with AS 5034.



# Equipment

## Hospitality regulator range.

	Part No.	Description	Inlet Pressure	Inlet Connection	Outlet Pressure	Outlet Connection	Pressure Gauges	Relief Valve	Non-return Valve
	801325	Primary CO <sub>2</sub> reg	21,000 kPa	Rear, Type 30	400 kPa max	Side 5/8" UNF RH nut and nipple	Contents and delivery	Yes	Yes
	801327	Primary CO <sub>2</sub> reg – single gauge	21,000 kPa	Rear, Type 30	400 kPa max	Bottom 5/8" UNF nut and nipple	Delivery only	Yes	Yes
	801326	Secondary CO <sub>2</sub> reg	21,000 kPa	Rear, Type 30	400 kPa max	Bottom 5/16" quick connect tube lock	Delivery only	Yes	No
	801330	Postmix reg	21,000 kPa	Side 1/2" 20 UNF	Preset 800 kPa max – key adjustment	Bottom 1/4" O.D. tube	Contents and 2 deliveries	Yes	Yes
	801331	Primary N <sub>2</sub> reg	21,000 kPa	Rear, Type 50	400 kPa max	Side 5/8" UNF nut and nipple	Contents and delivery	Yes	Yes

### Features

Designed for the Hospitality Industry with non-perforated Teflon and Nitrile rubber diaphragm.

Complies with Australian Standard AS 4267 and AS 2473.

Fully encapsulated regulator valve.

High quality machined brass body rated to 30,000kPa inlet pressure with large 3.2 mm orifice and 0–400 kPa outlet pressure to meet requirements of Australian Standard AS 5034.\*

Failsafe components including diaphragm bursting disc.

Non-return valve<sup>†</sup> to stop back-flow of liquid into gas supply.

### Benefits

Quality components selected for use with beverage gases extending regulator life. Includes 5 year conditional warranty on body.

Suitable for use in Australia and New Zealand.

Maintains and safely controls the outlet pressure.

Delivery of gas at constant flow and pressure which ensures consistent dispense of beverages.

Risk of dangerous pressure build-up is reduced.

Stops contamination.

\*0–1–1000kPa applies to Part No. 801330.

<sup>†</sup>Does not apply to Part No. 801326.

For more information contact the BOC Customer Service Centre on:

Australia

131 262

[contact@boc.com](mailto:contact@boc.com)

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