



Hobbybrew 30/70 Original (Small) Cylinder

The Hobbybrew 30/70 Original (Small) cylinder is a compact, rent-free beverage gas solution designed for dispensing stouts, bitters, and traditional ales. Containing a premium blend of 30% CO₂ and 70% Nitrogen, it delivers the signature creamy mouthfeel, cascading effect, and tight head associated with nitrogenated beers. Suitable for pubs, bars, breweries, and home setups, it provides a professional dispense solution without ongoing rental costs.



Technical Specifications

Product Name: Hobbybrew 30/70 Original (Small) Cylinder

Gas Type: Nitrogen / Carbon Dioxide Mix (70% N₂ / 30% CO₂)

Capacity: Approx. 9 litre cylinder

UN Number: UN 1956 – Compressed Gas n.o.s. – **Hazard Class:** Class 2.2 – Non-Flammable Gas

Cylinder Material: Steel cylinder

Valve Type: 5/8" BSP RH Female outlet connection

Dimensions: Approx. height: 860 mm; Diameter: 140 mm

Empty Cylinder Weight: 17Kg

Total Filled Weight: 21Kg

Pressure at 15°C: Approx. 200 bar

Connection: Standard inert gas regulator (30/70 compatible)

Certification: Manufactured to UK gas cylinder standards

Key Features

Optimised Gas Blend: 30% CO₂ / 70% Nitrogen mix engineered for beverage dispense.

Superior Dispense Quality: Produces fine micro-bubbles, smooth texture, and improved head retention.

Professional Performance: Delivers the iconic cascading pour and creamy finish.

Rent-Free System: One-off deposit with refill-as-you-go convenience.

Versatile Use: Suitable for commercial and home bar environments.

Applications

Stout & Ale Dispense: Ideal for nitrogenated beers including stouts and bitters.

Hospitality Venues: Suitable for pubs, bars, taprooms, and microbreweries.

Home Bar Systems: Perfect for kegerators and draught beer setups.

Cellar Systems: Compatible with professional dispense installations.





Handling and Storage

Store upright in a cool, well-ventilated area.
Ensure cylinder is secured during storage and transport.
Keep away from heat sources and direct sunlight.
Use only compatible regulators and dispense systems.

Safety Precautions

Cylinder is non-flammable but under high pressure.
Do not use damaged or leaking cylinders.
Follow all UK gas safety regulations and handling guidance.
Safety Data Sheet (SDS) available on request.

Regulatory Compliance

The Hobbybrew 30/70 cylinder is manufactured and filled in accordance with UK gas cylinder regulations and pressure standards, ensuring safety, traceability, and consistent quality.

Environmental Impact

The cylinder is part of a refillable system reducing waste and supporting reuse. Gas mixtures are used for beverage dispense and produce no combustion emissions during use.

Product Life Cycle and Maintenance

Expected Life Span: 20-40 Years

Inspection Frequency: 10 Years

Maintenance: Store correctly and avoid impact damage

End of Life: Return via supplier exchange system

Instructions for Use

1. Ensure compatible 30/70 regulator is connected.
2. Secure cylinder and open valve slowly.
3. Set correct dispense pressure for beer system.
4. Operate according to equipment specifications.
5. Close valve after use.

Ordering and Exchange Information

Available on a rent-free basis with deposit and refill system.
Cylinder exchange available via authorised distributor.
Stocked by Fix and Weld as an authorised Hobbybrew distributor.





Frequently Asked Questions (FAQs)

Q: What is 30/70 gas used for?

A: Dispensing stouts and ales with a smooth, creamy finish.

Q: Why use nitrogen in beer gas?

A: It creates the signature cascading effect and dense foam head.

Q: Is this suitable for home use?

A: Yes, it is ideal for kegerators and home bar systems.

Q: Is the cylinder refillable?

A: Yes, via a rent-free exchange system.

Q: What regulator do I need?

A: A standard inert gas regulator.

Contact Information

For product enquiries, safety advice, or technical support, please contact Fix and Weld on Tel. 01453 756393 or sales@fixandweld.com

Legal Disclaimer

This datasheet is intended for guidance only. Users must comply with industrial gas regulations and manufacturer instructions.

