

BOC Backfeed Service

Safe and secure medical gas supply

The BOC Backfeed Kit is a method of supplying medical oxygen to departments while the main pipe infrastructure is being isolated;

- Supporting wards, SCBU, HDU during shutdowns
- Emergency use during system failure/pipeline breach
- Kits available to support separate departments

The equipment offers an easy to use, lightweight and secure solution, with additional gas capacity and optional provision of an onsite BOC engineer to manage the Backfeed Kit.

An invaluable resource for Authorised Persons (MGPS) to manage Medical Gas Pipeline systems safely and effectively.

Features and Benefits

- 35% increase in gas capacity* reducing cylinder changeover
- Improves safety as removes large cylinders from patient areas (ref: EFA/2010/008)
- Wheel brakes on all 4 wheels to securely hold the kit in position
- Lightweight - ZX cylinders 14kg each, overall unit 40% lighter* offering manual handling benefits
- No need for regulators and maintenance** to reduce overall costs
- Simple changeover from one bank to the other, providing continuity of supply
- The Backfeed Kit complies with guidance in HTM02-01 & SHTM02-01

Assured Quality/Standards

The relevant parts of the Backfeed Kit are CE Marked to the Medical Device Directive (class IIA), which includes testing for leak rate, pull test, flow capacity and the correct gas specific connections.

All probes and NISTs comply with BS5682 and are manufactured from stainless steel for superior wear characteristics. Hoses are compliant with EN739 and are made from materials compliant with ISO EN 15001.



Device Specifications

Flows	up to 180 l/min per unit*** Annual test and inspection.
Service interval	Low pressure hose replacement required every 5 years.
Warranty	2 Years

* relates to medical oxygen, comparing to 2 J size oxygen cylinders

** using ZX cylinders with integral regulators reduces any PPM to basic annual test and visual inspection and replacement of hoses after 5 years

*** For HDU and other high flow areas 2 or more units may be required for connection depending on the number of beds/patients/CPAP

Order codes and service options

Service	Option 1	Option 2
Rental of Backfeed Kit(s) including ZX cylinders to support requirements	Y	Y
Deliver and collect Backfeed Kit(s)	Y	
Rental of portable suction units	Y	Y
Minimum hire duration 2 days	Y	
A BOC Engineer on site for the duration to Deliver, Setup, Manage and Remove Backfeed Kit(s) from site.		Y
Training of staff using the kits (basic gas safety and use of Backfeed Kit)	Optional extra	Y
Additional cylinder requirements – rental and delivery	Optional extra	Optional extra

Purchase of Backfeed Kit

The Backfeed Kit will be available to purchase, comprising the items listed below. Please note ZX oxygen cylinders will need to be rented separately if the Backfeed Kit is purchased.

Backfeed Kit comprises:

- 1 x 4 wheel trolley
- 6 cylinder connection hoses
- 1 x changeover unit
- 1 x NIST to NIST Pipeline connection hose
- 1 x NIST to Probe Pipeline connection hose
- Instructions for use



Portable suction unit

To find out more contact **0845 850 1892**
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