

AREA VALVE SERVICE UNIT



Description

Area Valve Service Units (AVSU's) are designed to isolate a gas supply in the event of an emergency or during installation and maintenance. The unit comprises a ϕ 22mm or ϕ 28mm ball valve with copper stub pipes for brazing to the fixed pipeline system.

AVSU's are suitable for flush or surface mounting and are available for oxygen, nitrous oxide, 50% oxygen/50% nitrous oxide mixture, medical air, surgical air and medical vacuum. Other gases are available on request.

Access to the valve assembly is either by using the key provided to unlock the enclosure or, in the event of an emergency, by breaking the window.

AVSU's are equipped with NIST (non-interchangeable screw thread) connectors either side of the valve for the connection of an emergency supply or for purging, testing and gas sampling.

AVSU's include provision for mounting a label internally to identify the areas served.

Designed to meet the requirements of;

- **HTM 2022** **Medical Gas Pipeline Systems.**
- **C11** **NHS Model Engineering Specification – Medical Gases.**
- **BS EN 737-3** **Pipelines for compressed medical gases and vacuum.**
- **BS EN 739** **Low pressure hose assemblies for use with medical gases.**

Phoenix Pipeline Products Limited.

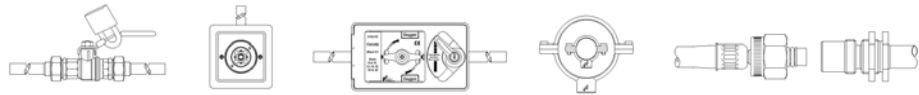
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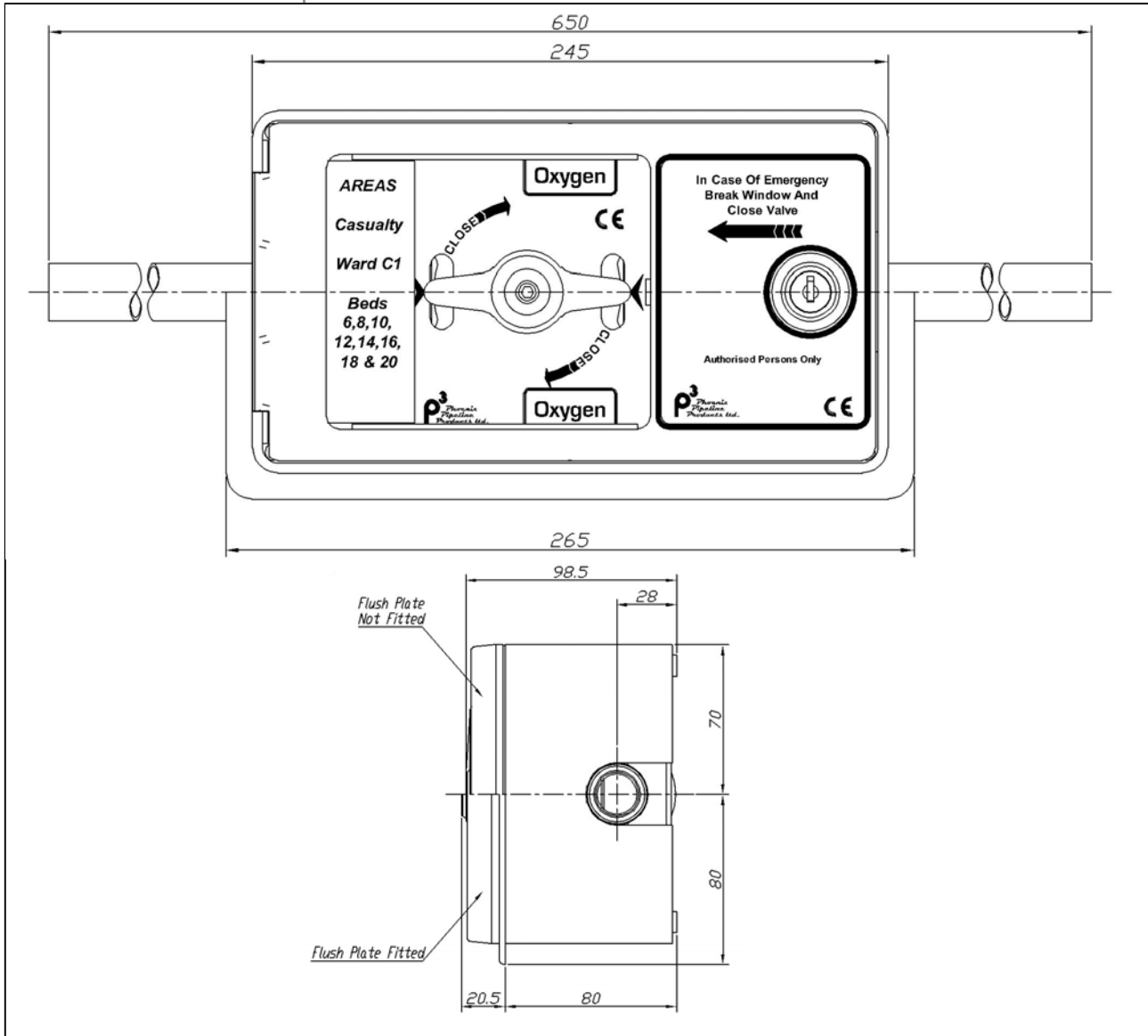
CE 0473

ISO 9001 / EN 46001



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Technical Details



Ordering Information

22mm AVSU (Breakable Window)

| Gas Type | Part Number |
|--|-------------|
| Oxygen | 1-10500-01 |
| Nitrous Oxide | 1-10501-02 |
| 50% O ₂ /50% N ₂ O | 1-10502-03 |
| Medical Air | 1-10503-04 |
| Surgical Air | 1-10504-05 |
| Medical Vacuum | 1-10505-06 |

28mm AVSU (Breakable Window)

| Gas Type | Part Number |
|--|-------------|
| Oxygen | 1-11500-01 |
| Nitrous Oxide | 1-11501-02 |
| 50% O ₂ /50% N ₂ O | 1-11502-03 |
| Medical Air | 1-11503-04 |
| Surgical Air | 1-11504-05 |
| Medical Vacuum | 1-11505-06 |



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