

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 $\varnothing 22\text{mm}$ or $\varnothing 28\text{mm}$ 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 using the emergency release lever. The emergency release mechanism is easily operated with no risk of injury to personnel and can be easily reset by obtaining the correct key.

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;

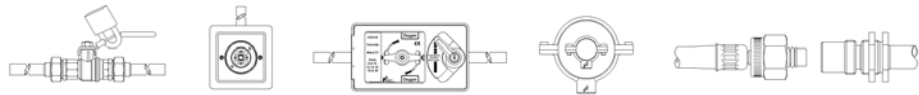
- **HTM 2022** **Medical Gas Pipeline Systems.**
- **C11** **NHS Model Engineering Specification – Medical Gases.**
- **BS EN 737-3** **Pipelines for compressed medical gases and vacuum.**
- **BS EN 739** **Low pressure hose assemblies for use with medical gases.**



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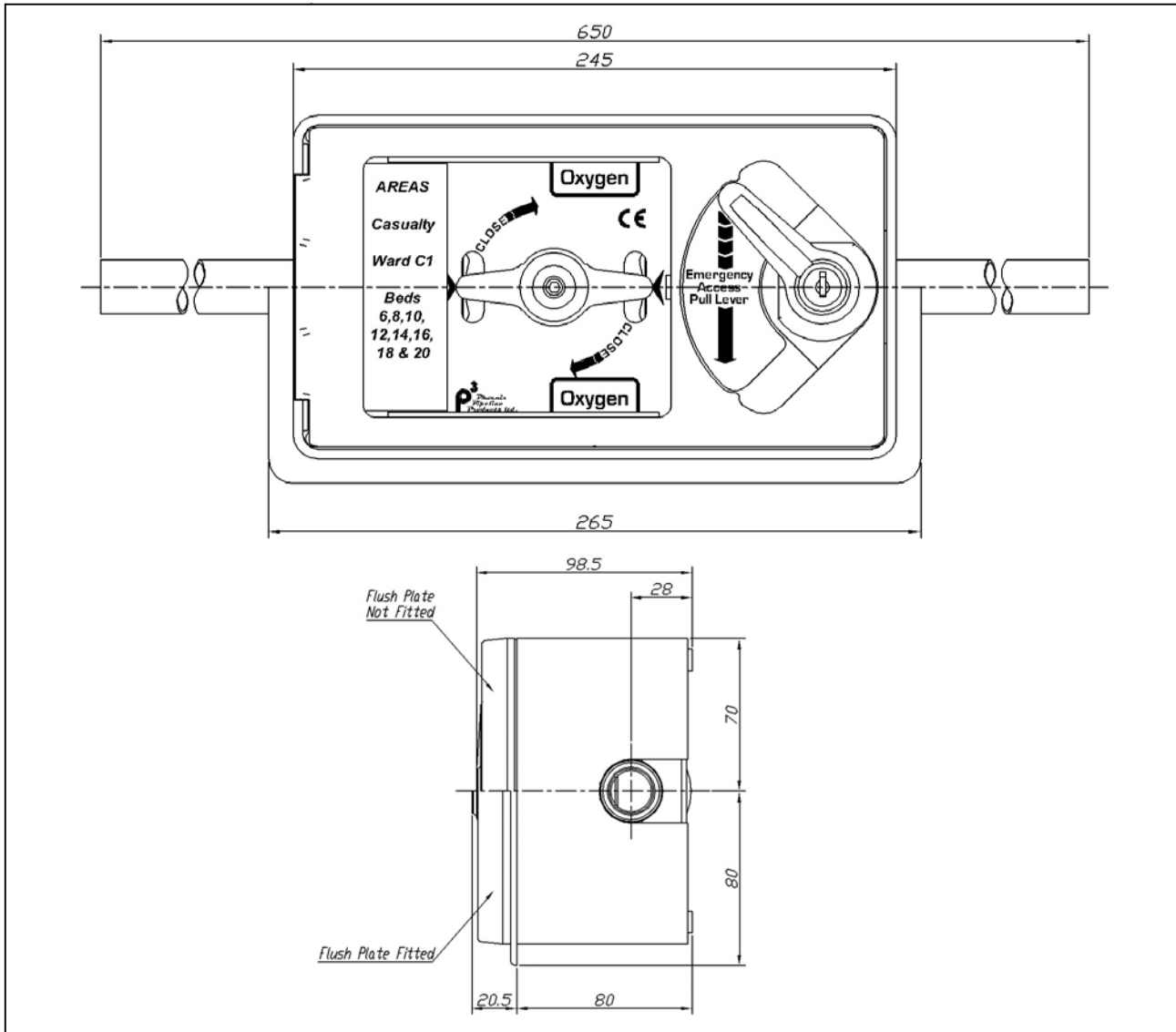
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Technical Details



Ordering Information

22mm AVSU (Emergency Access)

Gas Type	Part Number
Oxygen	1-10000-01
Nitrous Oxide	1-10001-02
50% O ₂ /50% N ₂ O	1-10002-03
Medical Air	1-10003-04
Surgical Air	1-10004-05
Medical Vacuum	1-10005-06

28mm AVSU (Emergency Access)

Gas Type	Part Number
Oxygen	1-11000-01
Nitrous Oxide	1-11001-02
50% O ₂ /50% N ₂ O	1-11002-03
Medical Air	1-11003-04
Surgical Air	1-11004-05
Medical Vacuum	1-11005-06



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