

## 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  $\varnothing$ 22mm or  $\varnothing$ 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;**

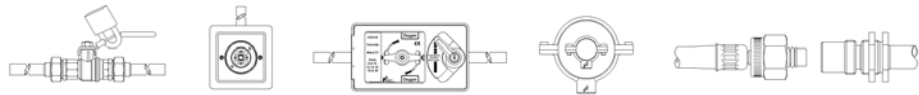
- **HTM 2022**                      **Medical Gas Pipeline Systems.**
- **C11**                              **NHS Model Engineering Specification – Medical Gases.**
- **BS EN 737-3**                  **Pipelines for compressed medical gases and vacuum.**
- **BS EN 739**                      **Low pressure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



**Phoenix Pipeline Products Limited.**

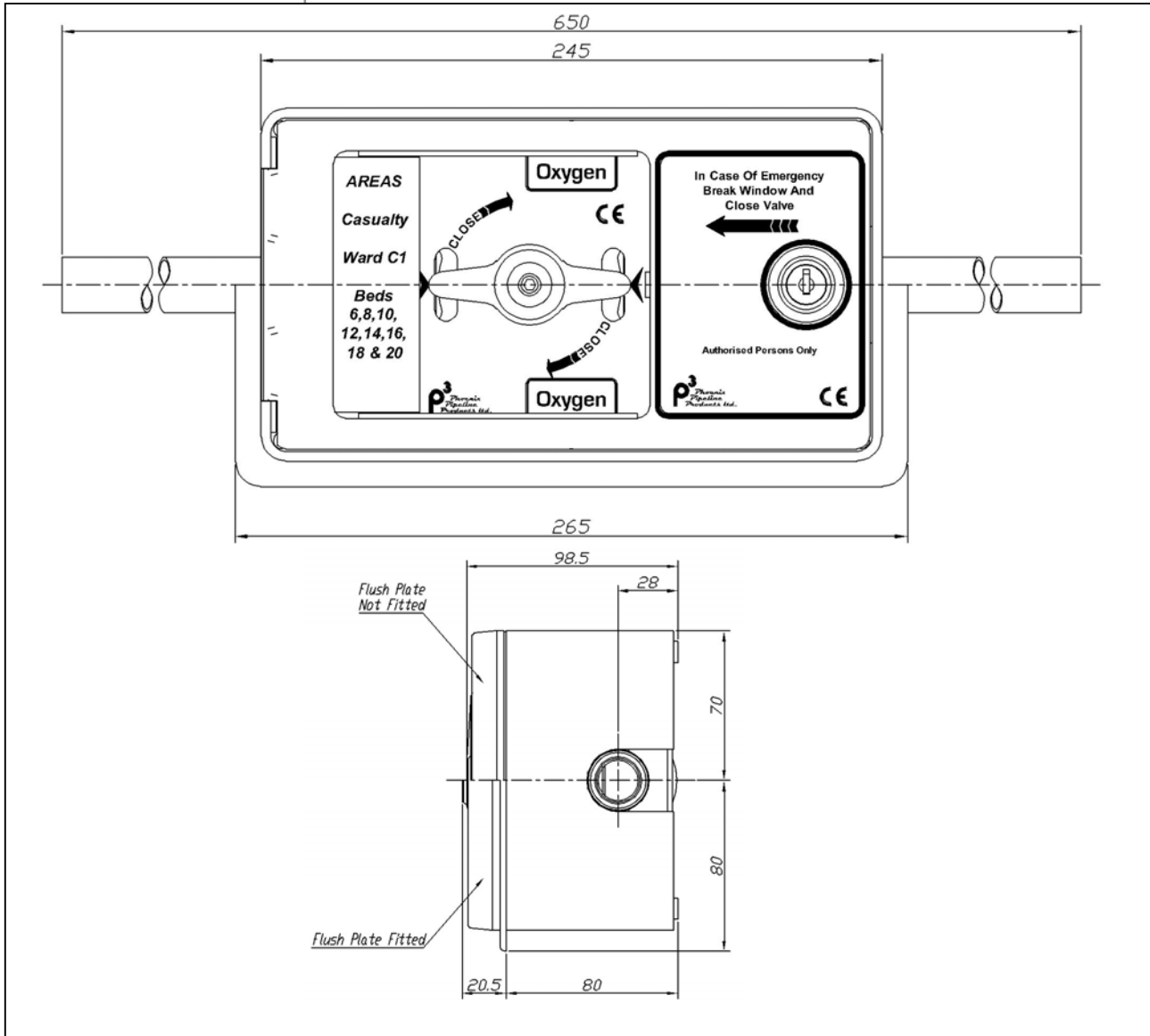
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## AREA VALVE SERVICE UNIT

### Technical Details



### Ordering Information

#### 22mm AVSU (Breakable Window)

Gas Type	Part Number
Oxygen	1-10500-01
Nitrous Oxide	1-10501-02
50% O <sub>2</sub> /50% N <sub>2</sub> 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 <sub>2</sub> /50% N <sub>2</sub> O	1-11502-03
Medical Air	1-11503-04
Surgical Air	1-11504-05
Medical Vacuum	1-11505-06



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