

## AVSU- AREA VALVE SERVICE UNIT



### DESCRIPTION

The Area Value Service Units (AVSU's) provide a local gas isolation facility for use during normal installation and maintenance or in the event of an emergency. They are built in accordance with the HTM2022, HTM02-01, C11 and EN737 standard's and are suitable for Oxygen, Nitrous Oxide, Oxy-Nitrous Oxide, MA4, MA7 and Vacuum.

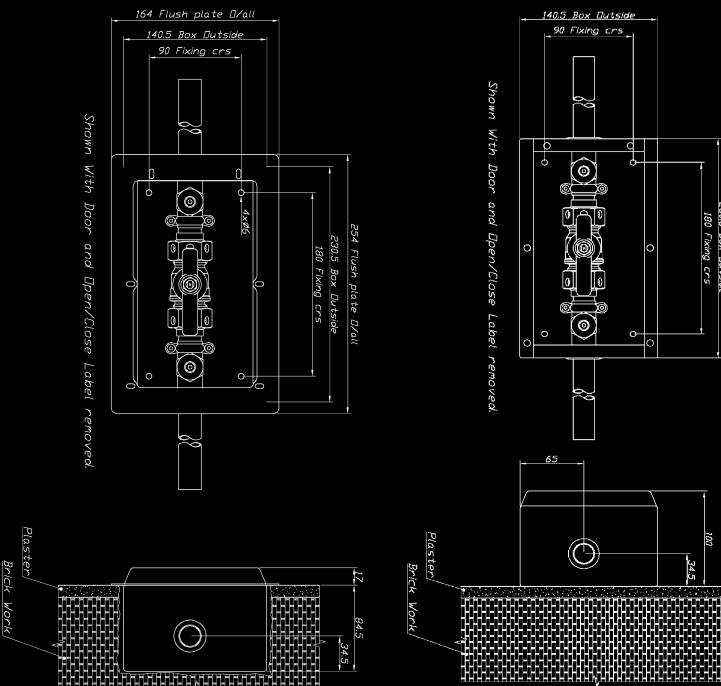


### FEATURES

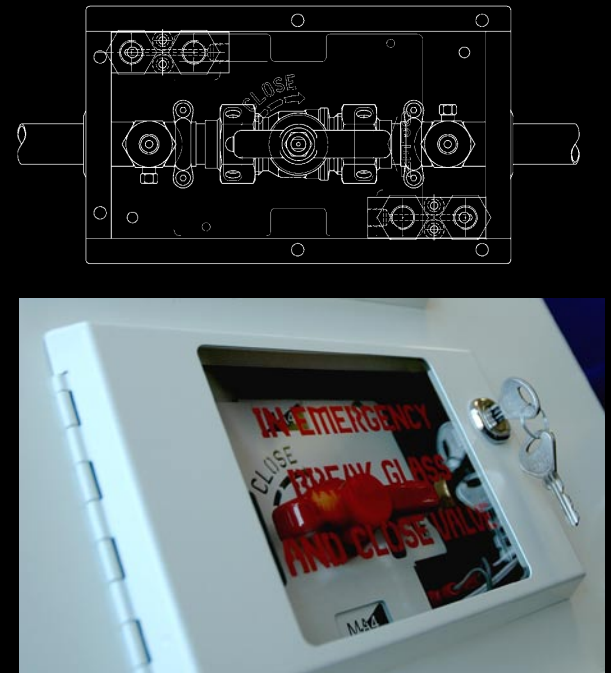
- The AVSU can be installed as a flush or surface mounted.
- Housed in a steel white epoxy coated box and a key operated 90° lock for security.
- A breakable glass front to the door gives an immediate indication as to the gas type, the valve position and the gas flow. In an emergency the glass front can be broken thus allowing access to the valve.
- The valve type is a 90° shut off ball valve, which is operated via a handle, and each unit comes complete with a blanking plate, which can be fitted, to either side of the valve.
- Non-interchangeable NIST connectors are fitted upstream and downstream of the valve. The NIST connectors provide the facility to purge a system before the working gas is introduced and also following any downstream interruption of the supply. The NIST connectors also allow for the pipeline pressure to be tested and provide an easily accessible point for gas sampling.
- Each NIST include non-return valves with 100% sealing.
- Side entry sizes available 22mm, 28 and 42mm (other entry versions available)
- Pressure switches if required can be fitted inside the box to enable local monitoring-see the following picture.



## AVSU-INSTALLATION DATA



## PRESSURE SWITCH LAYOUT DRAWING



## MODULAR AVSU'S:

ALSO AVAILABLE INCORPORATING AREA ALARM AND PRESSURE SWITCHES.

