

## Single Area Valve Service Unit

The Single Area Valve Service Unit is designed to provide the means to locally isolate any facility's medical gas pipeline system area. Installed as a flush or surface mounted & easily accessible, isolation is done quickly & reliably in case of emergency or for periodic maintenance. Including non-interchangeable gas specific NIST connectors fitted upstream & downstream of the valve for pressure testing or as a bypass.

Area Valve Service Units are available in pipeline sizes from 22mm up to 42mm. Manufactured & fully complied in accordance with the NFPA99, EN ISO 7396-1 & HTM02-01 requirements.



### Features & Benefits

- Compact case - Enable installment in small spaces and multiple AVSU's to be mounted one on top of each other utilizing its small dimensions.
- Large transparent window providing a clear view of the gas identification & valve state.
- Maintenance & commissioning - Equipped with two non-interchangeable, gas specific NIST connectors used during commission & other gas pressure testing
- Integrated pressure gauge & electronic pressure sensors.
- Installation:
  - Can be installed as a flush or surface mounted
  - Stub extensions ensuring no disruption of pipe work during installation

#### Silbermann's Quality Management System:

- EN ISO 13485-2016; ISO 9001-2015.

#### Medical Gas System Standards:

- EN ISO 7396-1 & HTM02-01 requirements.



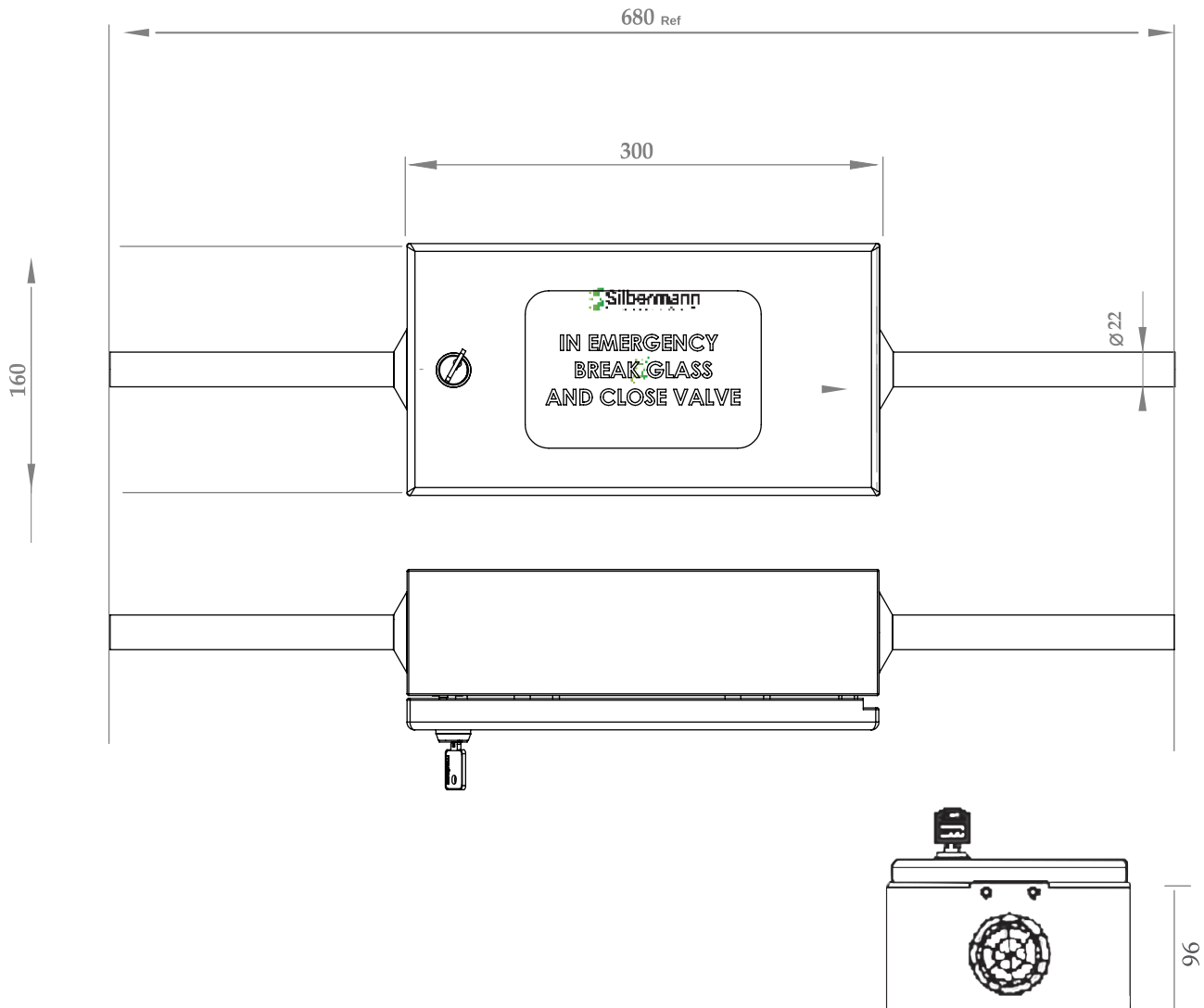
### General Specifications

- AVSU unit shall be of Silbermann's series.
- Material:
  - Box - powder coated galvanized steel
  - Valve - Brass
- The window shall be marked with the following: "IN EMERGENCY BREAK GLASS AND CLOSE VALVE"
- Copper stubs shall be fully degreased for oxygen-use
- All pipe stub extensions shall be supplied with suitable plugs or caps to prevent contamination of the assembly prior to installation.
- Valves shall be available with separate replaceable ball valve, device for physical separation and NIST-body.
- Valves shall be supplied with a medical gas identification label





### Dimensions [mm]\*



### Catalogue Numbers\*

No.	Gas type	Catalog number
1	O <sub>2</sub>	2727049
2	Vacuum	2727050
3	Medical Air	2727051
4	N <sub>2</sub> O	2727052

\* Catalogue Numbers and Dimensions are for 22 mm Valve box.  
The manufacturer reserves the right to make changes without notification