

Single AVSU

The Single Area Valve Service Units (AVSU's) are manufactured under BS EN 13485 Medical Devices: Quality Management Systems and Medical Device Directive 93/42/EEC (CE0086) Class IIb. They 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 HTM02-01, C11 and BS EN 18082 standards and are suitable for Oxygen, Nitrous Oxide, Oxy-Nitrous Oxide, MA4, MA7, CO2 and Vacuum (other gases on request).



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 with 20,000 lock combinations
- Gas Identification is located on the body of the AVSU behind the window and immovable
- A large viewing window to the door gives immediate indication of Gas Identification located on body of AVSU, valve position and flow direction
- In an emergency this can be gained by pulling the window thus allowing access to the valve. Anti-Tamper device can be fitted to the window and connected to our Digital Alarm and BMS to incorporate monitoring of all CPX AVSU's
- The valve type is a 90° shut off ball valve, which is operated via a red ergonomic handle, 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. Including 100% sealing serviceable non-return valves to allow the pipeline to be pressure tested and provide an easily accessible point for gas sampling
- Pressure sensors shall be fitted inside the box to enable local monitoring and servicing via Copper Sensing Pipe
- Side entry sizes available 22mm, 28mm, 35mm and 42mm (other entry versions available)

Compact Multi Valve AVSU



Features:

- **NFPA & EN ISO 7396-1 Fully Compliant**
- Emergency Access via simple push mechanism with no serviceable items required to reset, requiring appropriate lock key to reset
- Downstream NIST connector for all gas types including Vacuum
- Optional DISS or Gas Outlet can be fitted inside lockable box
- Pressure Gauge with easy to read dial gives user immediate information
- Integrated 12V Digital Alarm factory set for the Gas types and Pressure Settings
- Battery back up in case of power failure shall continue to operate for up to 24 hours
- Modbus ASCII outputs for digital connection to BMS to monitor Live Local pressures within Hospital. * Connection to CPX **'Hospi-View' Schematic BMS system**
- Option Flow Measurement can be connected to each individual gas type to provide flow data 24 hours each day
- **Flush or Surface Type fitting for 3, 4, 5 or 6 gas types available**