

Area Valve Service Unit (AVSU/AVSUM)

The WTK Area Valve Service Unit Module is available in either surface, flush or semi flush formats to suit various site requirements.

It is integral system with medical gas alarm, pressure switches and AVSUs being piped up and pre-wired.

The design includes all internal pipe work for ease of installation on sites using inert gas jointing procedure.

Available in standard 22mm pipe work & valve. 28mm, 35mm, 42mm & 54mm also available upon request.



Decorative Panel design

Description

re-decoration and other maintenance works involving door removal.

All pipes are fitted with a gas specific NIST connector including check valve and blank cap.

AVSU Valve is designed with union coupling flat face O ring seal and rotating T handle open/close 90° with clear label.



Normal Operation

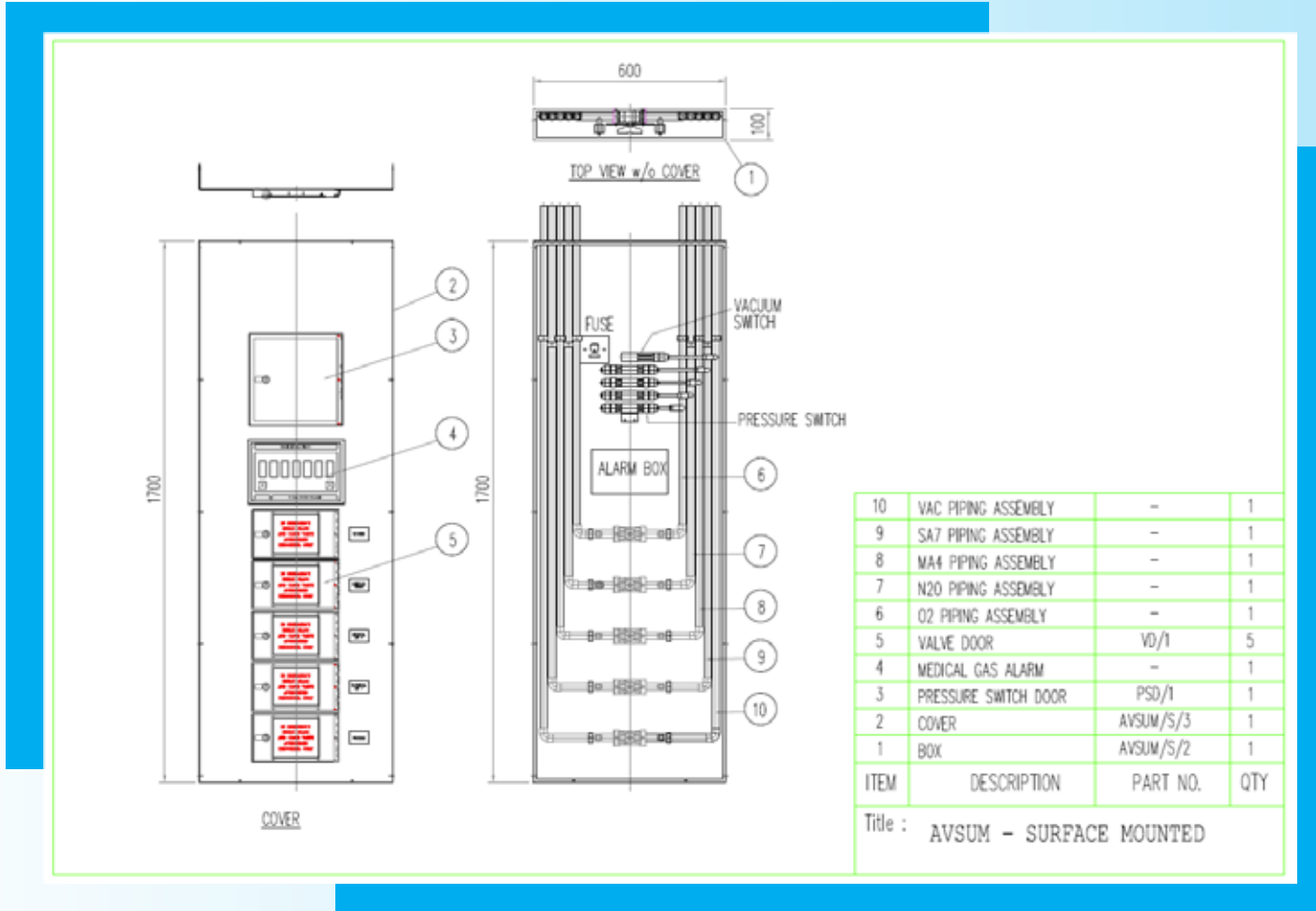
1. Access by key permits.
2. Access to the interchangeable spades for blanking.
3. Access to NIST connectors up & down stream of the valve.
4. Access to operate the 90° shut off ball valve



Flush mounted design

Innovative Design in Medical Engineering

Typical Layout Of Area Value Service Unit Module



Technical Specification

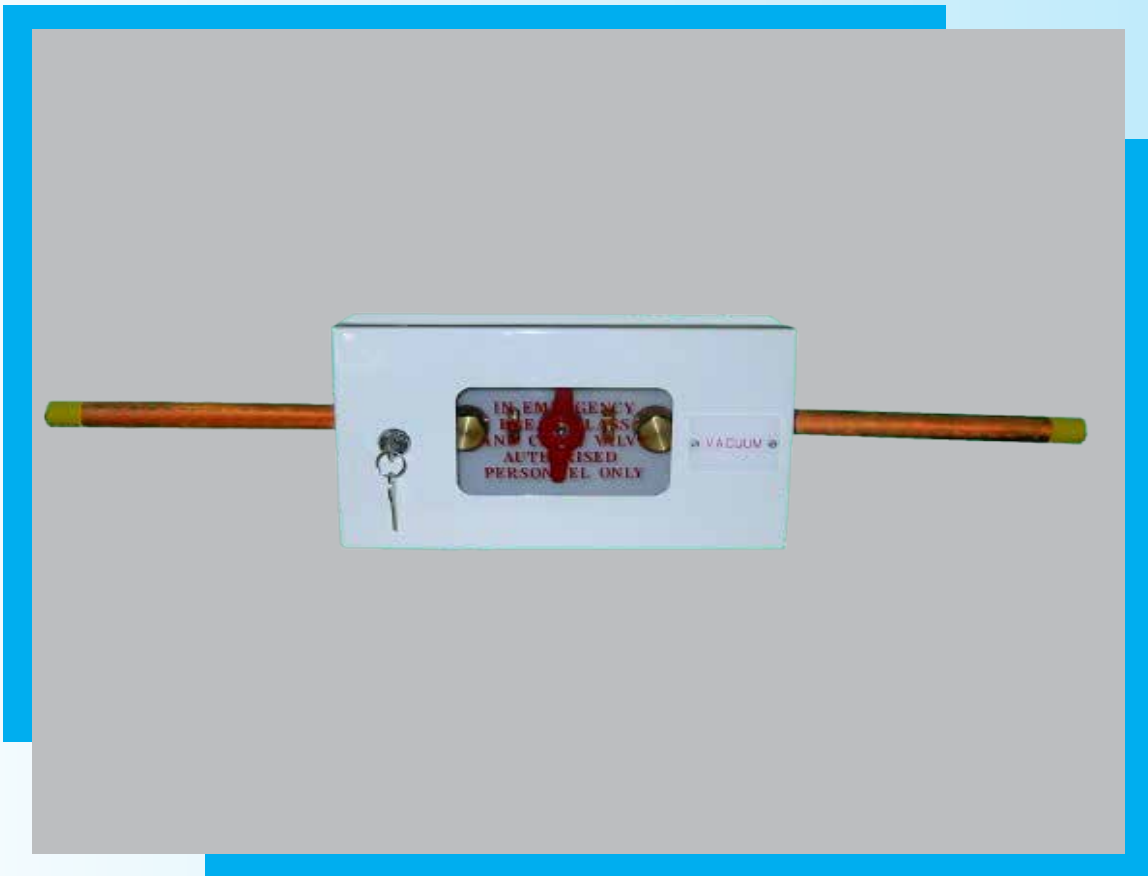
MS 2675-1:2017 Medical gas systems
HTM 2022:1997/HTM02-01 – Medical Gas Pipeline system
HTM 2020 – Electrical Safety Low Voltage System
C11 – NHS Estates Model Engineering Specification
EN737-3: 1998 – Medical Gas Pipeline System
EN ISO 7396-1 – Medical gas pipeline systems

Designation : Area Valve Service Unit, Area Valve Service Unit Module
Dimension : Varies
Material : Aluminium and galvanized box, surface or flush design
Finishing : Epoxy Powder Coatings
Electronics : PCB indicator with membrane finish
Pressure Stub : Mechanical Pressure Switches for HI/LO and Vacuum
Power Rating : 240VAC input, 50/60 Hz

Model Number

Area Valve Service Unit Module, AVSUM
WT200012 Gas Module
WT20002 3 Gas Module
WT20003 4 Gas Module
WT20004 5 Gas Module
WT20005 6 Gas Module

Area Valve Service Unit Module, AVSUM
WT20006 22mm Diameter
WT20007 28mm Diameter
WT20008 35mm Diameter
WT20009 42mm Diameter
WT20010 54mm Diameter



Model WT20006 to 10