



### AVSU Module

The MEC HTM standard AVSU Module is used in conjunction with and by configuring MEC Area Valve Service Units (AVSU) for one to six gases services, depending on the hospital area served.



- Features:**
- Modules are available in the following Flush or Surface fitting types
  - HTM 02-01, BS EN 18082 and C11 fully compliant ensuring individual gas separation in case of emergency
  - Designed to fit ceiling heights of 2.4mtr, 2.7mtr or 3mtr as standard, other lengths available
  - Gas venting as per **BS EN 11197** to avoid inadvertent gas build up in cavity wall installation
  - Upstream and Downstream NIST connectors with 100% serviceable non-return valves fitted on all gases
  - Gas types available O2, N2O, O2/N2O, MA4, SA7, VAC, CO2, N2, Helium Mix, Lab Gas other variables available on request
  - Factory tested and certified Pre-Piped EN 13348 Copper Tube to top ceiling level to aid in installation
  - Cover types available- Epoxy coated steel or Polymer laminated anti-Microbial cover
  - Extremely hard wearing impact proof Polymer Laminate material available in any **RAL colour** or Finish type enabling the Module to fit Hospital architectural design requirement
  - Factory Fitted MEC Analogue or Digital Area Alarm (Also available to be manufactured as remote alarm set-up)
  - On board pressure sensors shall be fitted local to each gas line behind locked door
  - 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 MEC **'Hospi-View'** Schematic BMS system
  - Option Flow Measurement can be connected to each individual gas type to provide flow data 24 hours each day
  - Delivered assembled to site for easy one man installation

Product Code	AVSU Type
AVSU*SIZE*-*GAS*	Single AVSU
AVSU-MOD-*QTY* A	AVSU Module (Semi Flush or Surface Type)
MOD-COMPACT-QTY*-ALARM	Compact AVSU Module
Example: AVSU22-O2	22mm AVSU - Oxygen
Example: AVSU-MOD-POLY-3A	3 Gas AVSU Module (Semi Flush or Surface Type)
Example: MOD-COMPACT-3-ALARM	AVSU Module - 1 Gas Compact c/w Digital Alarm

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