



ZVA Zone Valve Alarm

2-Valve | 3-Valve | 4-Valve | 5-Valve | 6-Valve | 7-Valve

Features

- Modular Design
- Up to 7 Gases
- Large LED Pressure Displays
- LED Trend Display
- User Adjustable Alarm Limits
- Universal Display (PSI, " Hg, Bar, kPa)
- Reminder Alarm Function

Specifications

Provide Class 1 ZVA Series Zone Valve & Alarm Units. Valves shall be quarter-turn on-off ball type, cleaned for oxygen service, factory pressure tested, in-line serviceable and rated for 600 PSI.

Valves and visible piping shall be complete with a labelled gas identification bracket and 1/8" FNPT port downstream of the valve. Valve assemblies shall be complete with bronze body, lever handle, chrome-plated bronze ball, teflon seals and seats, and type L copper tubing extensions.

Zone valves shall be mounted in a recessed powder-coated valve box, complete with field-adjustable steel mounting brackets, sized to suit the number of valves, and complete with decorative powder-coated frame cover and flexible Lexan pull-out window. Window frame to be labeled

CAUTION: MEDICAL GAS SYSTEM CONTROL VALVES. DO NOT CLOSE EXCEPT IN EMERGENCY.

Unit to include an integral Class 1 ZV Series Digital Area Alarm, CSA approved, T-Net compatible, capable of monitoring up to 7 medical gas lines. System to be complete with 100% digital processing requiring no field calibration.

Alarm to include easy pull zone valve window, and hinged alarm panel for easy access, 120/240V, 50/60Hz power supply, 90 dBA audible alarm, digital display of gas pressures, LED trend display, and High and Low dry contacts for each gas for remote monitoring.

Sensors to be mounted inside the zone valve box for easy access or remotely located up to 5,000' using a twisted pair instrumentation cable. Location of remote sensors to be labeled inside backbox.

Alarm to be T-Net compatible for wireless or ethernet communication with a T-Net enabled monitoring station.



Example:
ZVA2225-AONV,
1/2" A, 1/2" O, 1/2"NO, 1/4"V

Alarm features to include:

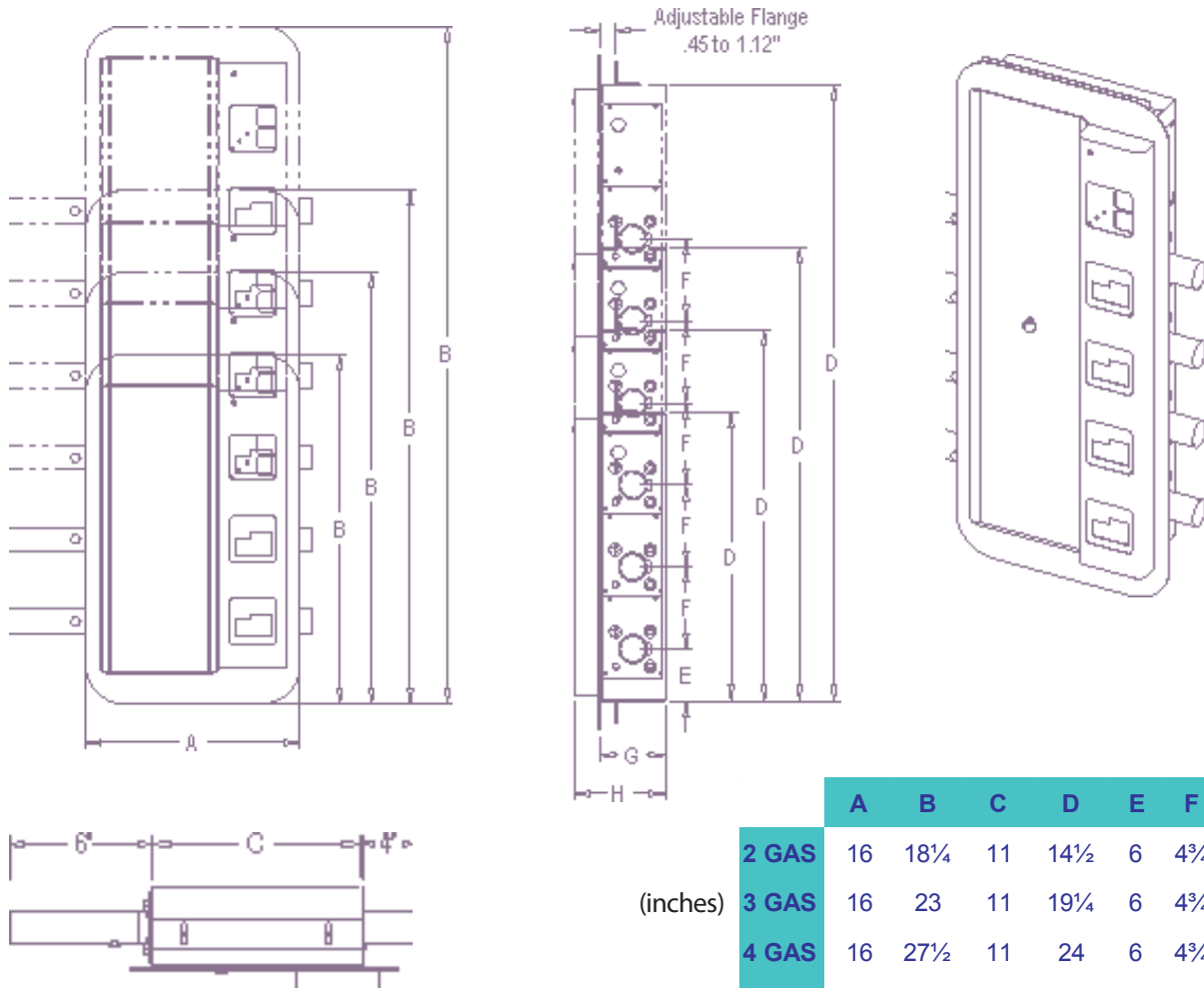
- Smart sensors with DISS connection
- DISS demand valve with serviceable cartridge
- Preset user adjustable alarm limits
- RFI and transient signal detection filter
- Alarm History Recall
- Preset user adjustable alarm reminder
- Universal display modes (PSI, " Hg, Bar, kPa)

[Optional:] Alarm to include T-Net Ethernet connection for remote monitoring.

[Optional:] Alarm to include T-Net WMTF compatible wireless transceiver for remote monitoring.

ZVA Zone Valve Alarm

2-Valve | 3-Valve | 4-Valve | 5-Valve | 6-Valve | 7-Valve



	A	B	C	D	E	F	G	H
2 GAS	16	18¼	11	14½	6	4¾	4	6
3 GAS	16	23	11	19¼	6	4¾	4	6
4 GAS	16	27½	11	24	6	4¾	4	6
5 GAS	16	32½	11	28½	6	4¾	4	6
6 GAS	16	37¼	11	33½	6	4¾	4	6
7 GAS	16	42	11	38¼	6	4¾	4	6

Ordering Information

ZVA X X X X X X - Y Y Y Y Y Y

Replace each "X" with the following value size

Replace each "Y" with the following gas code

Examples:

2-Gas.....ZVA23-OV	2	½	O	Oxygen	C	Carbon Dioxide
3-Gas.....ZVA223-OAV	3	¾	V	Vacuum	E	AGSS - High (Evacuation)
4-Gas.....ZVA2224-OANV	4	1	A	Medical Air	S	AGSS - Low (Scavenging)
6-Gas.....ZVA222234-OANCTV	6	1½	N	Nitrous Oxide	H	Hyperbaric Oxygen
			T	Nitrogen	F	Future