

Combo Unit

With Triple Ports



General Specifications:

Zone indicator panel boxes shall be an Amico Alert-1 series.

Each recessed zone indicator panel box shall consist of the following: a steel enclosure capable of accommodating one to seven zone shut-offs along with tube extensions, and aluminum frame, and a pull-out removable window. You can choose from gauge options of 100 psi, 300 psi, or 30 inHg. Terminal strips come pre-installed within the box. The sensors and DISS fittings are designed for specific gases and are included with the system or can be purchased separately.

The indicator panel box shall be constructed of 18 gauge steel, complete with a baked white enamel finish. Affixed to the opposite sides of the box will be two adjustable steel brackets for the purpose of mounting the box to the structural support. The steel brackets shall accommodate various finished wall thicknesses between $\frac{3}{8}$ " (9.5 mm) and $1\frac{1}{16}$ " (30 mm) and shall be field adjustable.

The frame assembly shall be constructed of anodized aluminum and shall be mounted to the back box assembly by standard #6 * $\frac{3}{8}$ " tapping screws provided. The removable front shall consist of an opaque window with a pullout ring pre-mounted to the center of the window.

Access to the zone shut-offs shall be by merely pulling the ring assembly to remove the window from the frame. The window can be reinstalled without the use of tools only after the shut-off handles have been returned to the open position.

The window shall be marked to prohibit unauthorized persons from tampering with the zone indicator panel with the following silk-screen caution:

"MEDICAL GAS CONTROL VALVES. CLOSE ONLY IN EMERGENCY"

The zone shut-offs shall be a 3 piece, ball-type design with a brass forging body and a chrome plated brass ball for sizes $\frac{1}{2}$ " to 3". Seats shall be reinforced Teflon (PTFE) with Viton seals for $\frac{1}{2}$ " to 3". A blow-out proof stem shall be used and shall have a maximum pressure rating of 600 psi (4,137 kPa).

Zone shut-offs shall be operated by a lever-type handle requiring only a quarter turn from a fully open position to a fully closed position.

All zone shut-offs shall be equipped with type "K" washed and degreased copper pipe stub extensions of sufficient length to protrude beyond the sides of the box.

All pipe stub extensions shall be supplied with suitable plugs or caps to prevent contamination of the assembly prior to installation. The pipe stub extension (long) shall have dual gauge ports. Each valve assembly is equipped with three $\frac{1}{8}$ " NPT ports, each of which is fitted with pipe plugs. The first port is designated for gauge connection and is positioned on the outlet side of the valve to measure pipeline pressure or vacuum. The second port is designated for DISS connection to a gas sensor. The third port is reserved for purging purposes during the brazing process and is situated upstream of the valve.

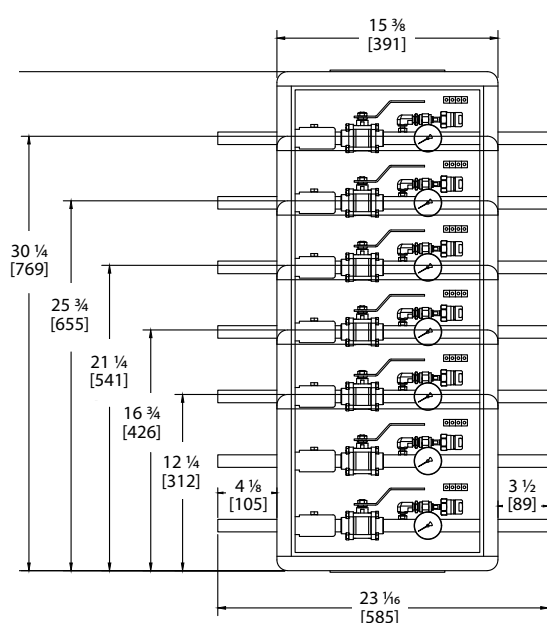
Each zone shut-off shall be supplied with an identification bracket which shall be riveted directly onto the zone indicator panel box for the purpose of applying an approved medical gas identification label. A package of labels shall be supplied with each zone indicator panel box assembly for application by the installer.

Amico products comply with NFPA 99.

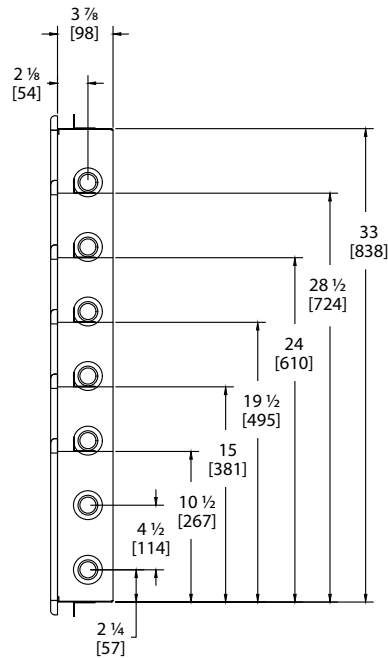
Technical Specifications

½" - 1-½" Zone Indicator Panel Box Assembly

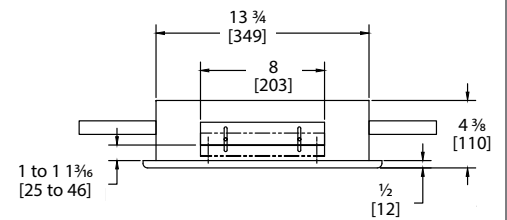
Inch
[mm]



FRONT VIEW



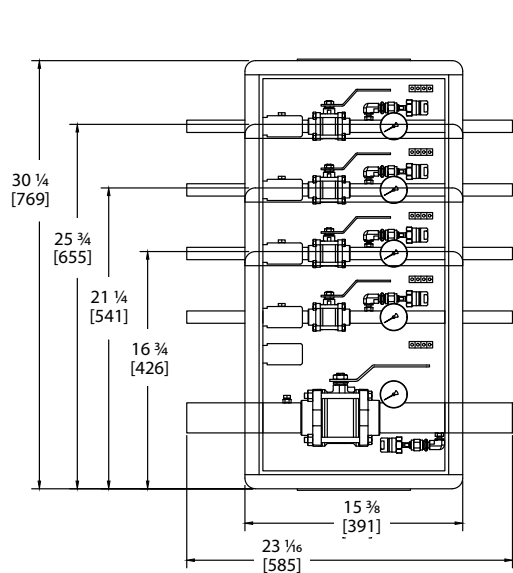
RIGHT SIDE VIEW



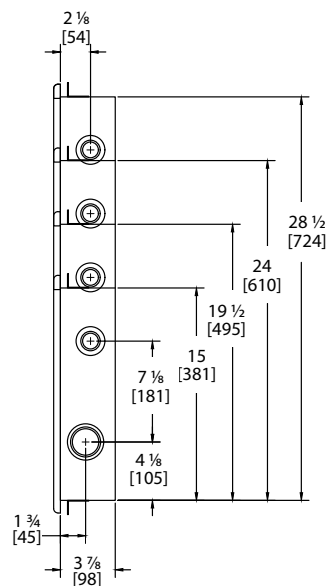
TOP VIEW

2" Zone Indicator Panel

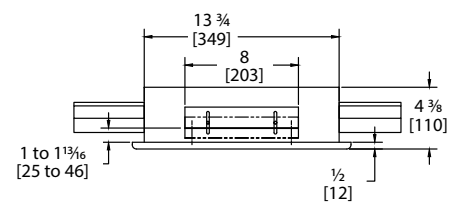
Inch
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FRONT VIEW



RIGHT SIDE VIEW



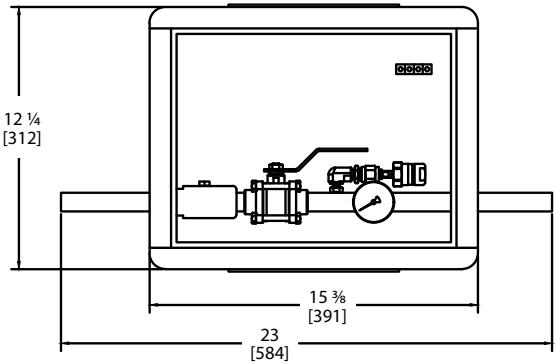
TOP VIEW

Technical Specifications

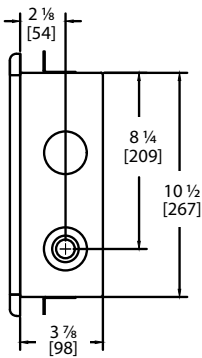


1/2" - 1-1/2" Zone Indicator Panel Box Assembly

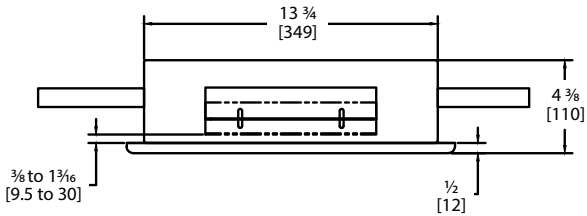
Inch
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FRONT VIEW



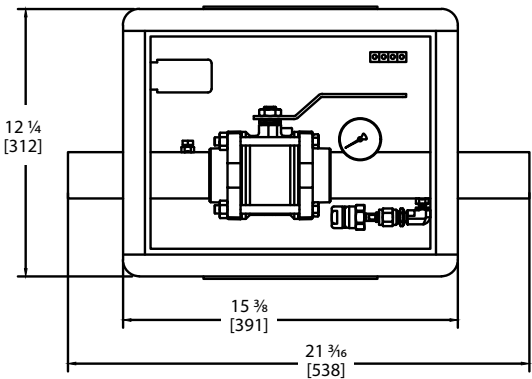
RIGHT SIDE VIEW



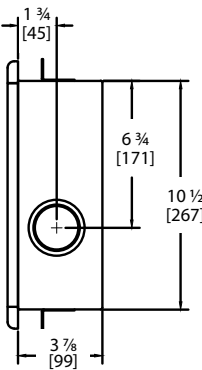
TOP VIEW

2" Zone Indicator Panel Box Assembly

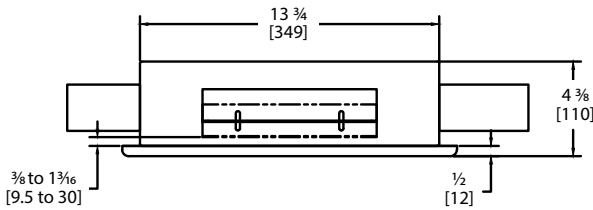
Inch
[mm]



FRONT VIEW



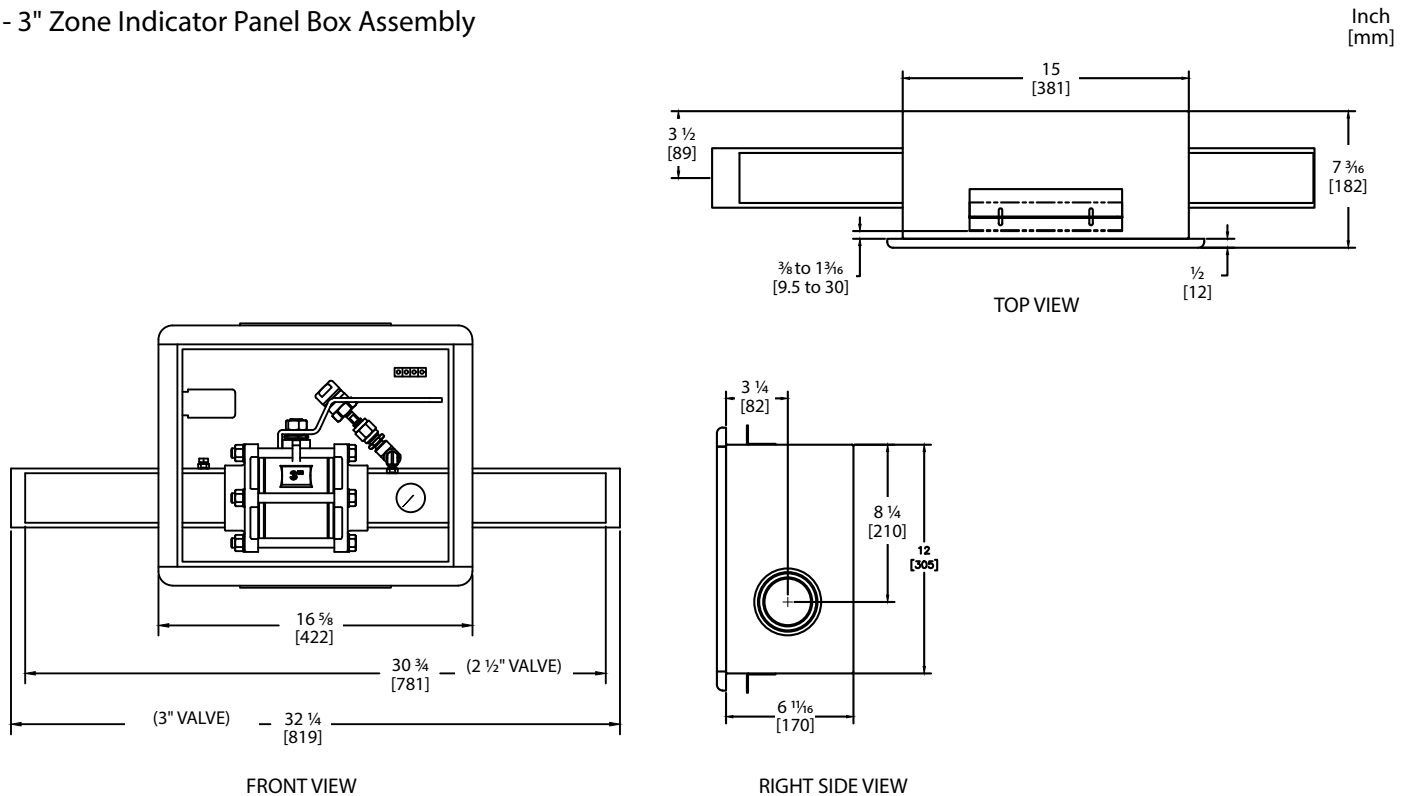
RIGHT SIDE VIEW



TOP VIEW

Technical Specifications

2½" - 3" Zone Indicator Panel Box Assembly



Model Numbers

ZIL3-PXXXXXXX

The Letter "L" Defines the Language:

English (NFPA) = U
Spanish (NFPA) = S

Available Gauges:

V-X-GAUGE-100
V-X-GAUGE-300
V-X-GAUGE-VAC

The Letter "X" Defines the Valve Size:

½" [1.3 cm] = 1
¾" [1.9 cm] = 2
1" [2.5 cm] = 3
1-¼" [3.2 cm] = 4
1-½" [3.8 cm] = 5
2" [5.1 cm] = 6

Only Available in a Single Box:

2-½" [6.35 cm] = 7
3" [7.62 cm] = 8

A2P-AVC-ELBOW

⅛" NPT street elbow, used between sensor DISS fittings and zone shut-off is included, but not attached.

NOTE:

Terminal strips are provided and installed, DISS demand checks and sensors are provided with alarm.

The 1-½" zone shut-off will require an empty space above.

Example: A box with ½", ¾" and 1-½" will require a 4 hole box not a 3 hole box.

The 2" zone shut-off shall be positioned on the bottom of the assembly. Refer to 2" zone indicator panel drawing.

When comparing height measurements, consider the gap above the 2" zone shut-off.

Example: A box with ½", ¾" and a 2" would be in a 3 gang 3-⅞" deep box, which would be the same height as the 4 gang 3-⅞" box.