



# WOI-C2H2 Series Wall Outlets for Industrial Acetylene

## Key Features

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**Q/C Brass Construction Provides Long Service Cycle**  
Tested for 10,000 cycles (10 to 12 years of use)

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**Q/C Prevents Cross Connections**  
Non-interchangeable oxygen and fuel gas connectors

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**Mounted with Positive Shut Off Ball Valve**  
Provides an additional level of safety and allows for Q/C changeout without pipeline shut down

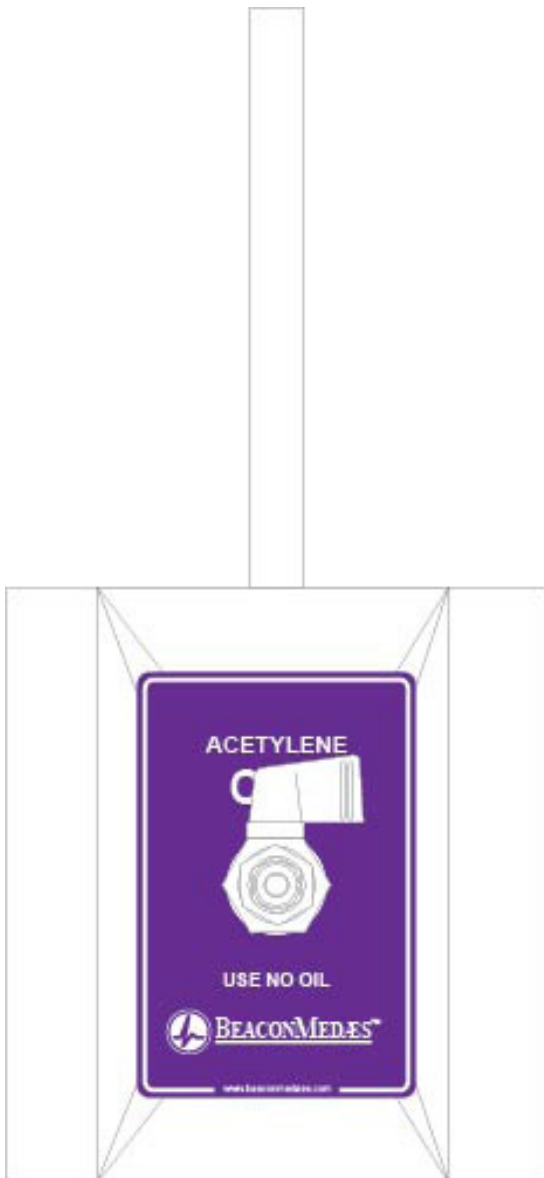
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**Built with BeaconMedaes Series B Hardware**  
Laboratory wall outlets and medical gas wall outlets look the same throughout the building

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**Color Coding as per SEFA**  
Consistent color coding for gas apparatuses such as gas turrets throughout the laboratory

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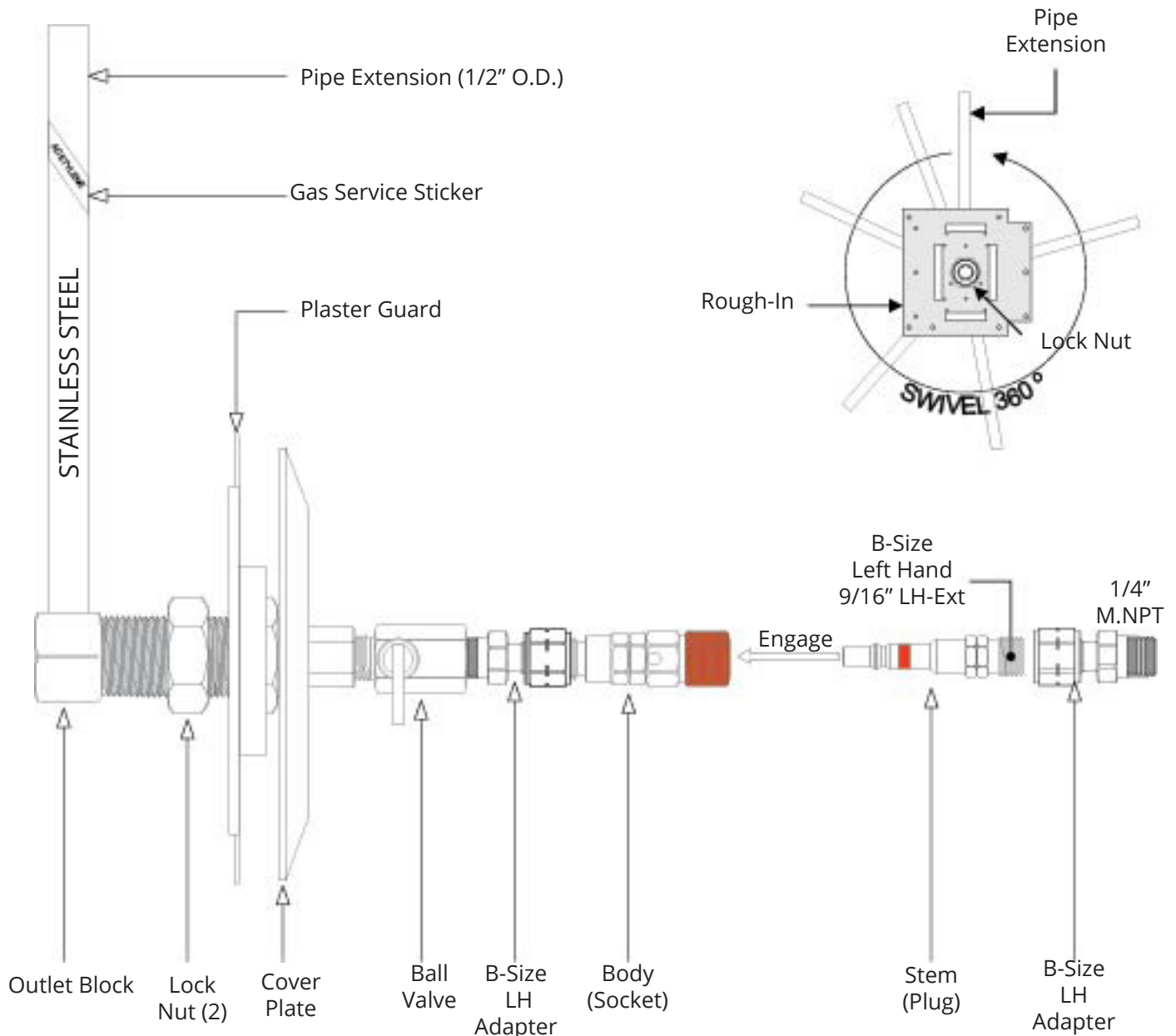
## Wall Outlets for Industrial Acetylene

### Description

The WOI-C2H2 Series of wall outlets are specifically designed for industrial acetylene. The spring loaded locking mechanism of the quick responds to fingertip action and achieve a gas-tight connection. The quick connect requires only 10 oz. of back pressure to close with total shutoff. The quarter-turn ball valve can be turned on or off to allow for additional positive shutoff. The installer will be pleased to see that the wall outlet body rotates 360° for ease of installation.

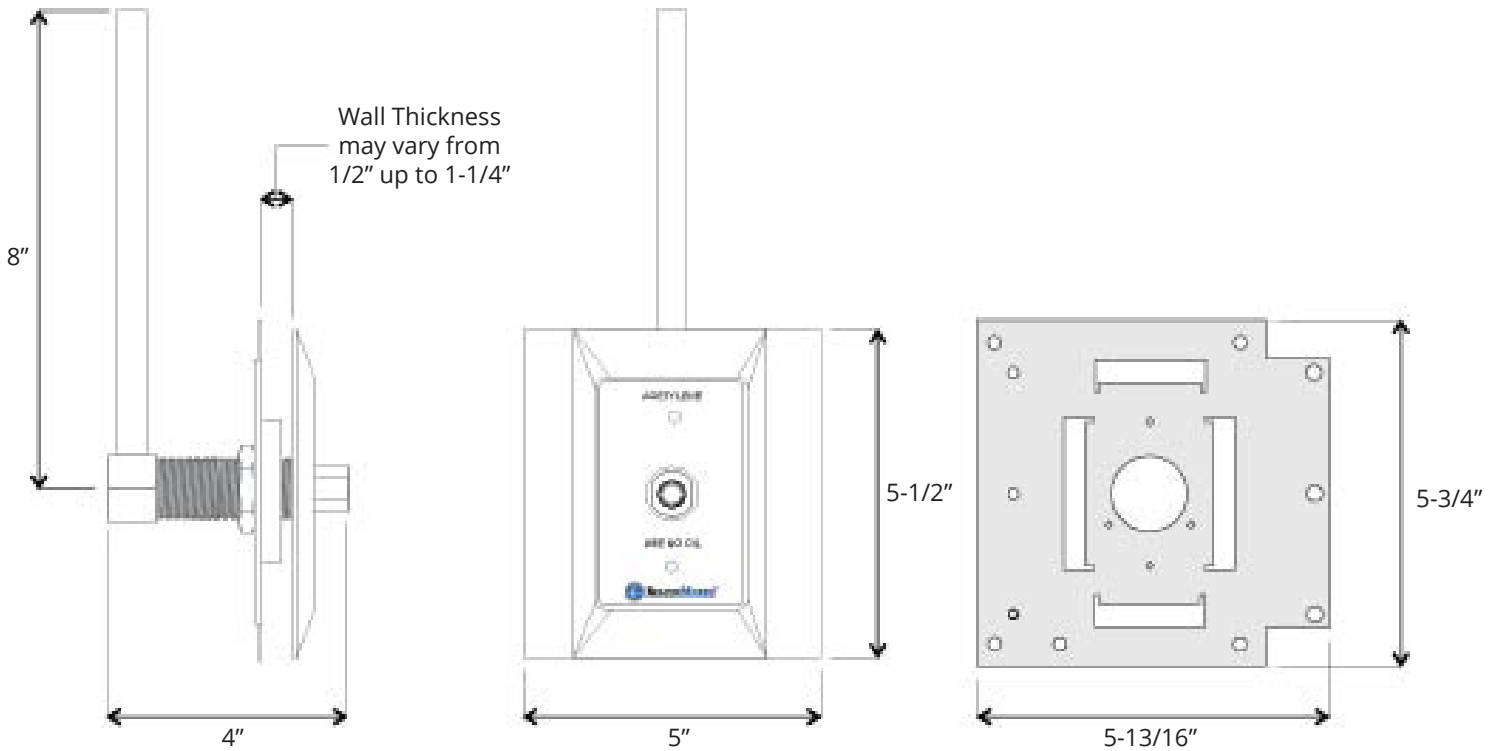
This wall outlet is assembled using the BeaconMedaes Series B rough-ins and trim plates. This allows the architect to design a welding shop with a standard wall outlet look even if other gases (or vacuum) are medical or high purity.

### Equipment Overview



# Wall Outlets for Industrial Acetylene

## Dimensions



### Materials (Standard Parts Only)

<b>Pipe</b>	Type 316 Stainless Steel
<b>Body</b>	Brass, ASTM B16
<b>Quick Connects</b>	Brass
<b>Locking Nuts</b>	Brass, ASTM B16
<b>Trim Plate</b>	Die cast, light gray, epoxy coated
<b>Rough-In</b>	16-gauge steel
<b>Front Plate</b>	Aluminum
<b>Sticker</b>	Lexan over Vinyl
<b>Ball Valve</b>	Chrome-plate brass

## Wall Outlets for Industrial Acetylene

### Specifications

**Plug & Socket** – These arresters attach to the wall outlet. They can supply acetylene to torches that cut steel up to 8” thick. They extinguish flames and have a check valve to stop reverse gas flow. They are reusable, resetting is not required after flashback. Arresters with left hand threads are for use with acetylene; arresters with right-hand threads are for use with oxygen.

Both plug and socket quick connect adapters meet the following standards:

- UL Listed 23Y5
- BAM
- EN730
- ISO 5175
- BS 6158
- AS 4603
- They are not rated for vacuum.

To make a connection, you'll need a plug and a socket of the same size. Do not interchange plugs or sockets of different sizes or brands. These quick connect fittings are made out of brass, which offers good corrosion resistance and low wear resistance.

<b>Service Fluids</b>	Acetylene
<b>Outlet Connection</b>	1/4" M.NPT
<b>Cleaning</b>	Cleaned for oxygen service
<b>Pipe Outside Diameter</b>	1/2"
<b>Flow</b>	495 scfh at 36 psi
<b>Maximum Working Temperature</b>	150°F
<b>Maximum Working Pressure</b>	143 psig

### Fascia (Label)

<b>Gas Service</b>	Acetylene
<b>Background Color</b>	Purple
<b>Letters &amp; Trim Color</b>	White
<b>Possible Symbol</b>	C <sub>2</sub> H <sub>2</sub>

### Ordering Information

