



WOI-O2 Series Wall Outlets for Industrial Oxygen

Key Features

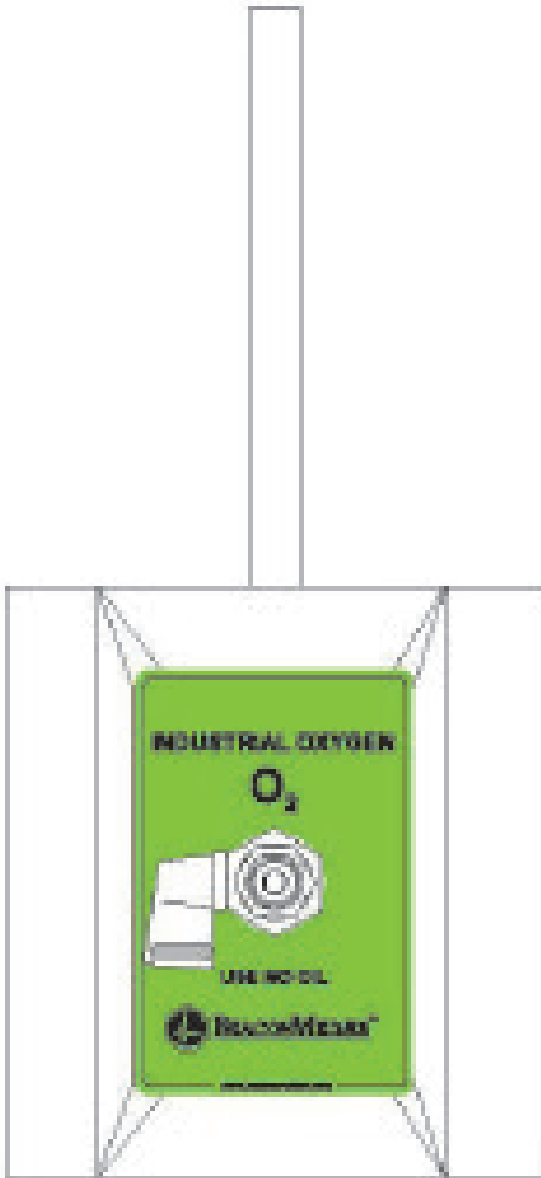
Q/C Brass Construction Provides Long Service Cycle
Tested for 10,000 cycles (10 to 12 years of use)

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

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

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

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



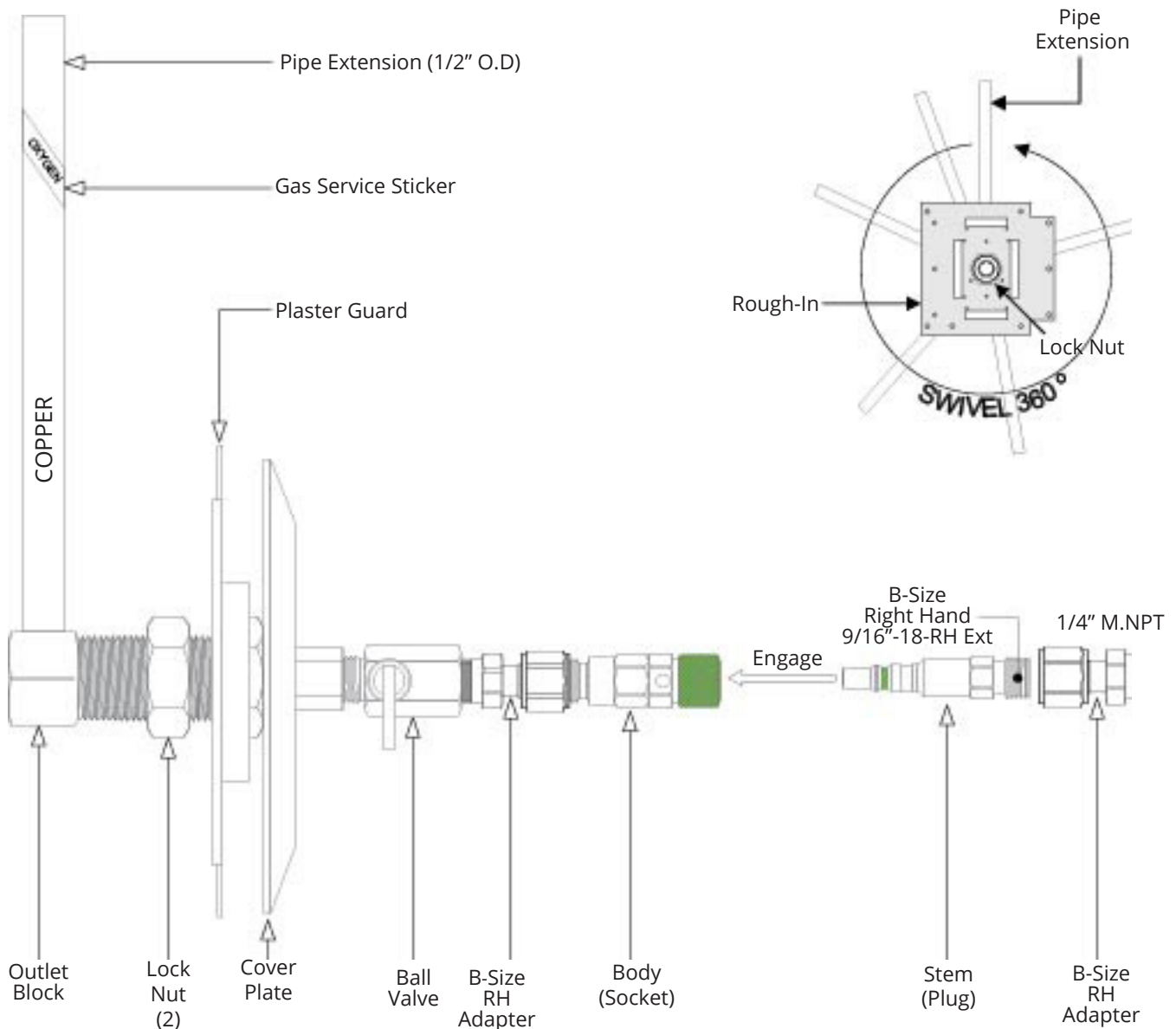
Wall Outlets for Industrial Oxygen

Description

The WOI-O2 Series of wall outlets are specifically designed for industrial oxygen. 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.

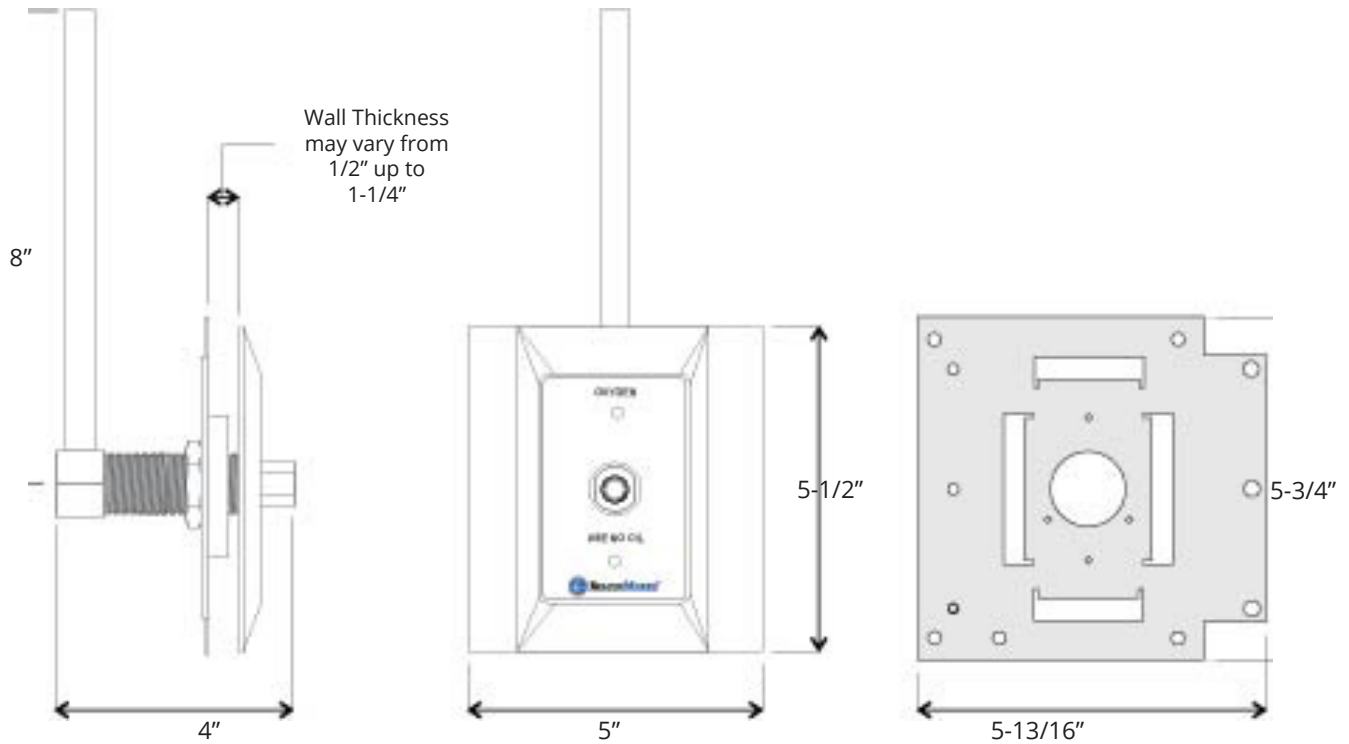
This wall outlet is assembled using the BeaconMedaes Series B rough-ins and trim plates. This allows the architect to design a welding shop with a standard wall outlet look even if other gases (or vacuum) are medical or high purity.

Equipment Overview



Wall Outlets for Industrial Oxygen

Dimensions



Materials (Standard Parts Only)

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

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Specifications

Plug & Socket – These arresters attach to the wall outlet. They can supply oxygen 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 right hand threads are for use with oxygen; arresters with left-hand threads are for use with acetylene, hydrogen, and propane.

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.

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

Fascia (Label)

Gas Service	Oxygen
Background Color	Green
Letters & Trim Color	Black
Possible Symbol	O ₂

Ordering Information

