

## Recessed (Wall) Service Outlet Quick-Connect Sil-Ohio Diamond Type

We design and manufacture our Terminal Units to last and to ensure a constant and reliable medical gas flow for the patient and the medical equipment.

All outlets are 100% tested for flow, and leakage. They are cleaned for oxygen services before shipping.

Our outlets are designed by industrial designers to ensure an appealing and pleasant environment for the patient and the medical staff.



### Features

- Accepts **Sil-Ohio (Diamond type)** gas specific outlets.
- All outlets are 100% hydrostatic tested for leaks. The outlets are factory assembled, degreased and cleaned for medical gas service.
- Indexed to eliminate interchangeability of gas services.
- 360° swivel inlet pipe for ease of installation.
- Low maintenance due to use of VITON seals in front assembly (latch valve).
- Modular singles - designed to provide ganging of rough-in modules in the field to form multiples at any order with 120mm spacing.

### Medical Gas System Standards:

- NFPA99, EN ISO 7396-1 requirements.

### Applicable Standards:

- NFPA99
- ISO 9170-1.

### Silbermann's Quality Management System:

- CE marked by the notified body TÜV-SÜD.



### Technical Data

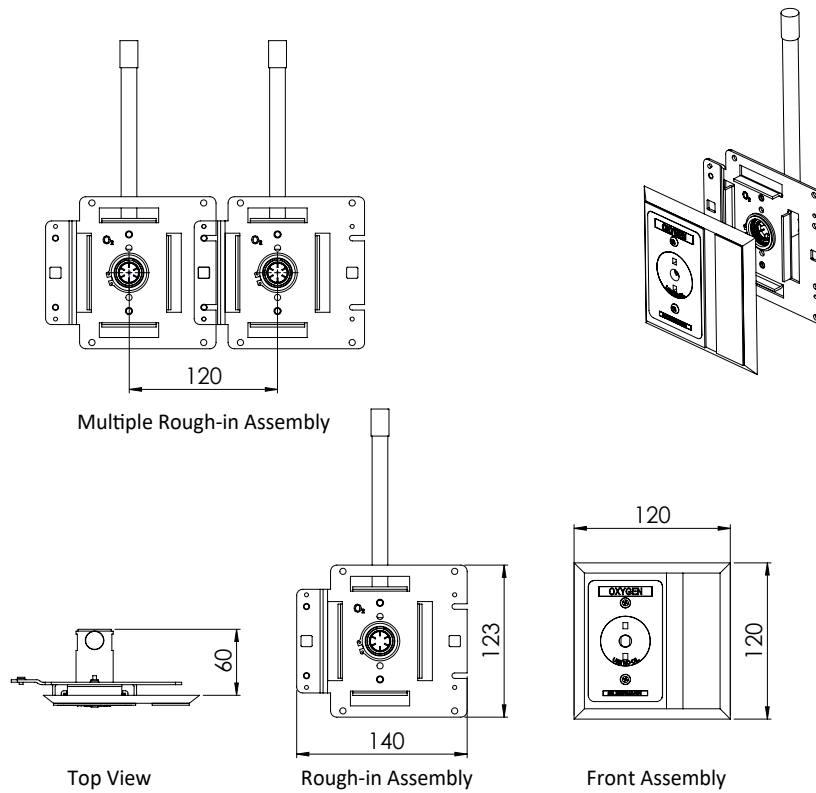
- The medical gas outlet shall be **Sil-Ohio (Diamond type)** manufactured according to ISO 9170-1.
- The outlet shall be gas specific by indexing, each front panel to a gas specific pin indexed rough-in module.
- The outlet for positive and negative pressure shall consist of primary and secondary check valves to allow for online maintenance and testing, i.e., the front panel shall be removable for service without the need to shut down the gas supply, (without interrupting the gas supply)
- An outlet decorative durable plastic frame shall cover the outlet. Front latch valve assembly shall incorporate an anodized aluminum front panel.
- Outlet shall be manufactured with 175 mm long, type K, 12.7 mm (1/2") OD copper pipe. Rough-in pipe shall be silver brazed to the outlet body.
- With the rough-in mounted, the outlet shall be depth adjustable to compensate for various wall thicknesses.
- The outlet shall comply with ISO 9170-1 standard type and accept only corresponding **Sil-Ohio (Diamond type)** Gas Specific Adapter.
- Pressure drop of less than 20 Kpa through the outlet at 120 LPM and 350 Kpa (3.5 Bar) inlet pressure.
- When fully open, the outlet allows a flow of up to 600LPM and pressure of 400 KPa (4 Bars).

# Recessed (Wall) Service Outlet Silbermann Diamond Type

Medical Gas Pipeline



## Dimensions [mm]



## Catalogue Numbers

| Gas Service   | Color Code | Catalogue No. |
|---------------|------------|---------------|
| Oxygen        | Green      | 3201016       |
| Medical Air   | Yellow     | 3202016       |
| Medical Air   | Black      | 3205016       |
| Nitrous-Oxide | Blue       | 3203016       |
| Vacuum        | White      | 3204016       |

Distributed By:

### SILBERMANN Technologies Ltd.

Address: #5 Harakevet st. POB 4605, Petah-Tikva, 4900715, ISRAEL

Tel: +972-3-9309186 | Fax: +972-3-9315721

E-Mail: [info@silbermnn.com](mailto:info@silbermnn.com), [www.silbermnn.com](http://www.silbermnn.com)

