

Exposed Service Outlet Quick-Connect DIN Type

Silbermann design and manufacture 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, leakage and are cleaned for N₂O services prior to shipping.

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



Features

- Accepts **DIN 13260-2** gas specific adapters.
- 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.
- Double position allowing parking of male adapter in the outlet.
- Low maintenance due to use of VITON seals in front assembly (latch valve).

Medical Gas System Standards:

- NFPA99 & EN ISO 7396-1 requirements.

Applicable Standards:

- ISO 9170-1, DIN 13260-2.

Silbermann's Quality Management System:

- CE marked by the notified body TÜV-SÜD.



CE 0123



Technical Data

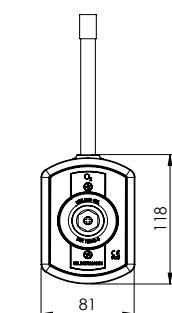
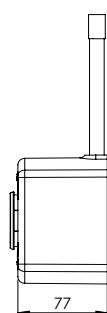
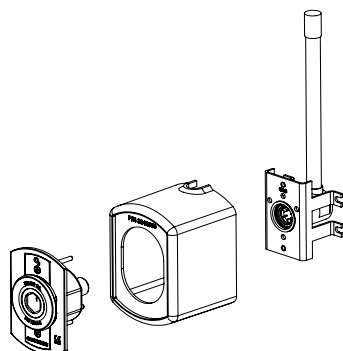
- The medical gas outlet shall be **SILBERMANN DIN** type manufactured according to ISO 9170-1 **DIN 13260-2**.
- The outlet shall be gas specific by indexing each front service panel to a gas specific pin indexed rough-in module.
- The outlet of positive and negative pressure shall consist of a primary and secondary check valves to allow testing and on-line maintenance.
- 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 quick connect outlet shall comply with ISO 9170-1 standard type and accept only corresponding DIN 13260-2 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).

Exposed Service Outlet Quick Connect DIN Type

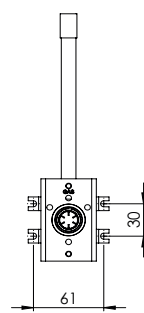
Medical Gas Pipeline



Dimensions [mm]



Front Assembly & Box



Rough-in Assembly

SILBERMANN Technologies Ltd.

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 **Silbermann**
Medical Gas Systems Since 1950

Panel Mounted Service Outlet Quick-Connect DIN Type

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



Features

- Accepts **DIN 13260-2** gas specific adapters.
- 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.
- Double position allowing parking of male adapter in the outlet.
- Low maintenance due to use of VITON seals in front assembly (latch value).

Medical Gas System Standards:

- NFPA99 & EN ISO 7396-1 requirements.

Applicable Standards:

- ISO 9170-1, DIN 13260-2.

Silbermann's Quality Management System:

- CE marked by the notified body TÜV-SÜD.



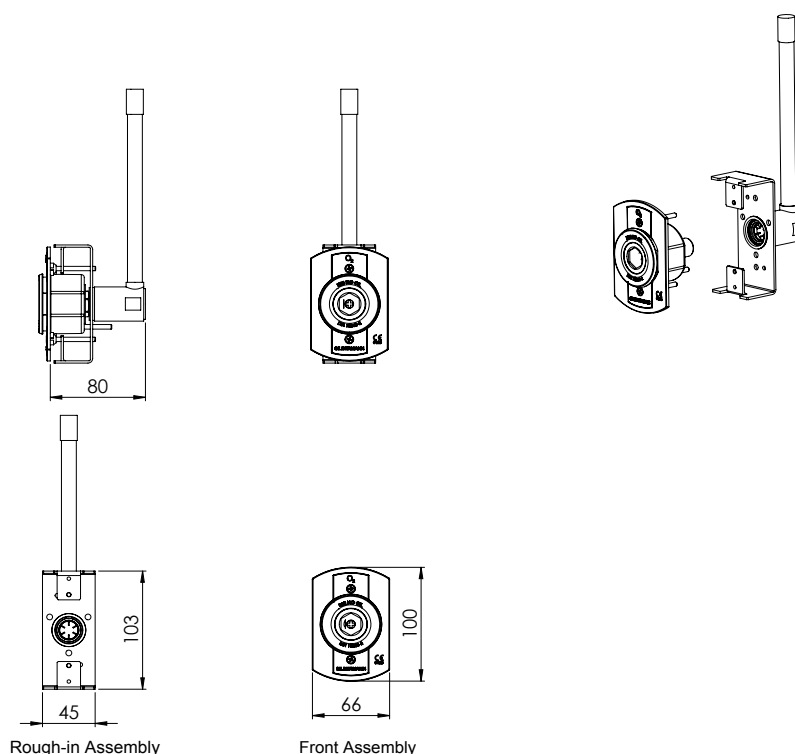


Technical Data

- The medical gas outlet shall be **SILBERMANN DIN** type manufactured according to ISO 9170-1 **DIN 13260-2**.
- The outlet shall be gas specific by indexing each front service panel to a gas specific pin indexed rough-in module.
- The outlet of positive and negative pressure shall consist of a primary and secondary check valves to allow testing and on-line maintenance.
- 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 quick connect outlet shall comply with ISO 9170-1 standard type and accept only corresponding DIN 13260-2 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).



Dimensions [mm]



Recessed (Wall) Service Outlet Quick-Connect DIN Type

Silbermann design and manufacture 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, leakage and are cleaned for N₂O services prior to shipping.

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



Features

- Accepts **DIN 13260-2** gas specific adapters.
- 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.
- Double position allowing parking of male adapter in the outlet.
- 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.

- Optional - Outlets for MRI use are available upon customer request.

Medical Gas System Standards:

- NFPA99 & EN ISO 7396-1 requirements.

Applicable Standards:

- ISO 9170-1, DIN 13260-2.

Silbermann's Quality Management System:

- CE marked by the notified body TÜV-SÜD.



Technical Data

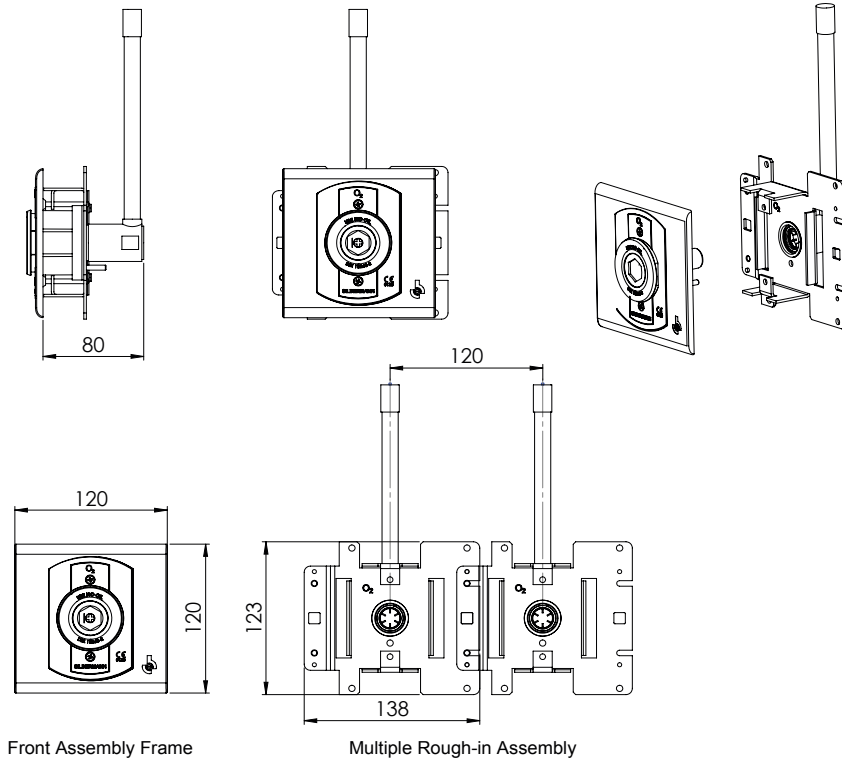
- The medical gas outlet shall be **SILBERMANN DIN** type manufactured according to ISO 9170-1 **DIN 13260-2**.
- The outlet shall be gas specific by indexing each front service panel to a gas specific pin indexed rough-in module.
- The outlet of positive and negative pressure shall consist of a primary and secondary check valves to allow testing and on-line maintenance.
- 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 quick connect outlet shall comply with ISO 9170-1 standard type and accept only corresponding DIN 13260-2 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 DIN Type

Medical Gas Pipeline



Dimensions [mm]



Front Assembly Frame

Multiple Rough-in Assembly

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