D.I.S.S. Ceiling Outlet

FEATURES AND BENEFITS

• Accepts D.I.S.S. gas specific adapters Pin indexed to prevent interchangeability of gas service
• Each outlet is cleaned for medical gas service and pressure tested
• Less than 3 psi (21 kPa) pressure drop through the outlet at 120 U/min and 50 psi (345 kPa) inlet pressure
• Gas specific back bodies can accept D.I.S.S. front identification bodies
• Outlets can be adjusted up to 3/4” (19mm) in mounting plate thickness

SPECIFICATION

The medical gas ceiling outlet shall be Ohio Medical Series, D.I.S.S. (Diameter Index Safety System). The outlet shall be UL Listed, NFPA® 99 compliant cleaned for medical gas service and be pressure tested. Each outlet shall have less than 3 psi (21 kPa) pressure drop through the outlet@ 120 U/min, and 50 psi (345 kPa) inlet pressure. For outlets providing positive pressure gas, the outlet shall be equipped with a primary and secondary check valve, the secondary check valve shall be rated for 200 psi (1,379 kPa) allowing the primary check valve to be removed for service without isolating the entire zone.

The ceiling outlets shall have a gas specific back body with steel mounting plate, which allows outlets to be ganged together with a center-line spacing of 5” (125). Each back body shall be equipped with a 6-1/2” (165mm) length type “K” copper pipe stub which is brazed to the outlet body. The outside diameter of the copper pipe stub shall be 1/2” (12.7mm). The body shall be 1-1/4” (32 mm) diameter one piece brass construction.

Outlet bodies shall be gas specific by means of a gas specific indexing pin arrangement. The indexing pins shall be arranged in such a way as to connect the latch-valve assembly only with the specific matching gas back body, preventing interchangeability of gas services.

The latch-valve assembly, which by means of color coding and wording shall identify the specific medical gas service provided by the outlet and shall accept only D.I.S.S. (Diameter Index Safety System) type gas specific adapters.

For aesthetic appeal each outlet shall include a one piece ivory trim plate. The trim plate shall be constructed of high impact, flame retardant Cycoloy™.

The ceiling outlet can accommodate various finished wall thicknesses from 3/8” (10) to 1-1/4” (32). Equipment is manufactured in the USA and produced in an ISO® 9001 registered facility.
Ceiling Outlets
D.I.S.S. Type
Dimensions in Inches (mm)
All dimensions shown are for reference only

Rough-in assemblies to be mounted to a ceiling, piping can not support the weight of outlet assembly.

Pigtail is 1/2” (13) O.D.
Type K Copper

ACCOMMODATES WALL THICKNESS OF 3/8” (10) TO 1 1/4” (32)

5 1/2” (140)

Rough-in assemblies to be mounted and supported
Piping can not support weight of outlet assembly

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<thead>
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<th>PART #</th>
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<tbody>
<tr>
<td>261000-3</td>
<td>D.I.S.S. Oxygen</td>
<td>261000-23</td>
<td>D.I.S.S. WAGD</td>
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<td>261000-7</td>
<td>D.I.S.S. Vacuum</td>
<td>261000-19</td>
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<td>D.I.S.S. Air</td>
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<td>D.I.S.S. Carbon Dioxide</td>
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<td>261000-11</td>
<td>D.I.S.S. Nitrous Oxide</td>
<td>261000-31</td>
<td>D.I.S.S. Instrument Air</td>
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