SNGII®
Stationary Nitrogen Generation System
STANDARD SCOPE OF SUPPLY

› Feed air compressor, single-stage air cooled, oil-injected, continuous-duty rotary screw compressor
› High pressure multi-stage reciprocating booster, air-cooled, pressure lubricated, continuous-duty rated
› High durability membrane air separators
› Electric motors for each compressor with v-belt drive, belt guard and belt tensioning device
› Automatic condensate drain with collector (includes switch for high condensate level)

› UL® labeled Control Panel with PLC controller. Includes touchscreen interface (for operation, maintenance and troubleshooting)
› In-line percent oxygen analyzer
› Pressure sensors for oil and final product pressure
› Sound attenuated enclosures for compressors and membrane module (≥85 dBA)
› Ambient temperature range 40° to 113°F (4.4° to 45°C)
› 24 month warranty, lifetime support guarantee

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Model</th>
<th>Nitrogen Flow at 99.5% Purity</th>
<th>Nitrogen Flow at 99.0% Purity</th>
<th>Nitrogen Flow at 98.0% Purity</th>
<th>Motor</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>SCFM¹</td>
<td>M³/HR</td>
<td>SCFM¹</td>
<td>M³/HR</td>
</tr>
<tr>
<td>5000 PSIG (345 BAR)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SNGII-20410</td>
<td>7</td>
<td>11.9</td>
<td>11</td>
<td>18.7</td>
</tr>
<tr>
<td>SNGII-30615</td>
<td>16</td>
<td>27.2</td>
<td>19</td>
<td>32.3</td>
</tr>
<tr>
<td>SNGII-40815</td>
<td>22</td>
<td>37.4</td>
<td>24</td>
<td>40.8</td>
</tr>
<tr>
<td>6000 PSIG (414 BAR)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SNGII-40820</td>
<td>18</td>
<td>30.6</td>
<td>18</td>
<td>30.6</td>
</tr>
</tbody>
</table>

1) Capacity (FGD) is referenced to standard conditions. Tolerance +/- 5%.
2) Purity reflects content of O2-free gas produced.
Dimensions and weight are approximate.
BENEFITS

› Our self-contained, fully-integrated systems do not require external utility for operation and eliminate the hazards involved with both the handling of high-pressure cylinders and the burden of merchant-supplied bulk gas.

› Guaranteed performance engineered for reliable operations in any industrial setting.

› Compact footprint provides superior flexibility by minimizing space requirements.

› Turnkey package with an incorporated air source eliminates the need for external inputs for operation; full-sound attenuation allows for safe operation below OSHA safety requirements.

› Adding a central BAUER Nitrogen Generation System can supply enough gas to support multiple processes.

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Storage Pressure</th>
<th>Nitrogen Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>5000 PSIG</td>
<td></td>
</tr>
<tr>
<td>ASME</td>
<td>5000 SCF</td>
</tr>
<tr>
<td>UNI/ISO</td>
<td>5470 SCF</td>
</tr>
<tr>
<td>6000 PSIG</td>
<td></td>
</tr>
<tr>
<td>ASME</td>
<td>5700 SCF</td>
</tr>
<tr>
<td>UNI/ISO</td>
<td>5925 SCF</td>
</tr>
</tbody>
</table>

AVAILABLE ACCESSORIES

› Portable Percent Oxygen Monitor
› CE-Compliance
› TEFC Motors
› Second Language For Controls/Documentation
› Marine/Offshore Coating And Surface Preparation

DIMENSIONS L x W x H inches (mm)

SNGII-20410 › 85" x 59" x 74" (2159 x 1499 x 1880)
Other Unit Types › 96" x 64" x 84" (2426 x 1626 x 2116)

WEIGHT pounds (kg)

SNGII-20410 › 2800 (1270)
Other Unit Types › 3800 (1418)

GLOBAL SUPPORT

SINGLE SOURCE RESPONSIBILITY

LOW COST OF OWNERSHIP

LIFECYCLE PERFORMANCE

FOR MORE INFORMATION PLEASE VISIT: