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°F to 113°F (4.4° to 45°C)

24 month warranty, lifetime support guarantee

1) Capacity (FGD) is referenced to standard conditions. Tolerance +/- 5%.

2) Purity reflects content of O2-free gas produced.

Dimensions and weight are approximate.

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Model</th>
<th>Nitrogen Flow at 99.5% Purity²</th>
<th>Nitrogen Flow at 99.0% Purity²</th>
<th>Nitrogen Flow at 98.0% Purity²</th>
<th>Motor</th>
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<tbody>
<tr>
<td></td>
<td>SCFM1</td>
<td>M³/HR</td>
<td>SCFM1</td>
<td>M³/HR</td>
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<tr>
<td>5000 PSIG (345 BAR)</td>
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<td>SNGII-20410</td>
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<table>
<thead>
<tr>
<th>Model</th>
<th>Storage Pressure</th>
<th>Nitrogen Volume</th>
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<tr>
<td>5000 PSIG</td>
<td>ASME</td>
<td>5000 SCF</td>
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<td>UNI/ISO</td>
<td>5925 SCF</td>
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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

OUTLET REGULATION PANEL

PRECISION FORMED POWDER-COATED STEEL SKIDS AND SUPPORT STRUCTURES

HIGH PRESSURE UN/ISO OR ASME RATED STORAGE VESSELS

MODULAR STORAGE RACKS

SAFETY RELIEF VALVES AND ISOLATION VALVES FOR EACH HP STORAGE VESSEL

AVAILABLE ACCESSORIES

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

SOUND LEVEL (FROM CONTROL PANEL)

≤ 30 hp, 70 dBa ± 2 dBa

> 30 hp, 79 dBa ± 2 dBa

AVAILABILITY

- 24-7 GLOBAL SUPPORT
- SINGLE SOURCE RESPONSIBILITY
- LOW COST OF OWNERSHIP
- LIFECYCLE PERFORMANCE

WEIGHT pounds (kg)

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)

DIMENSIONS L x W x H inches (mm)

OTHER UNIT TYPES

WEIGHT pounds (kg)

SNGII-20410 2800 (1270)

Other Unit Types 3800 (1418)

CUSTOMER SUPPORT

FOR MORE INFORMATION PLEASE VISIT: