

# SNG<sup>TM</sup> 4S

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**BAUER COMPRESSORS, INC.**

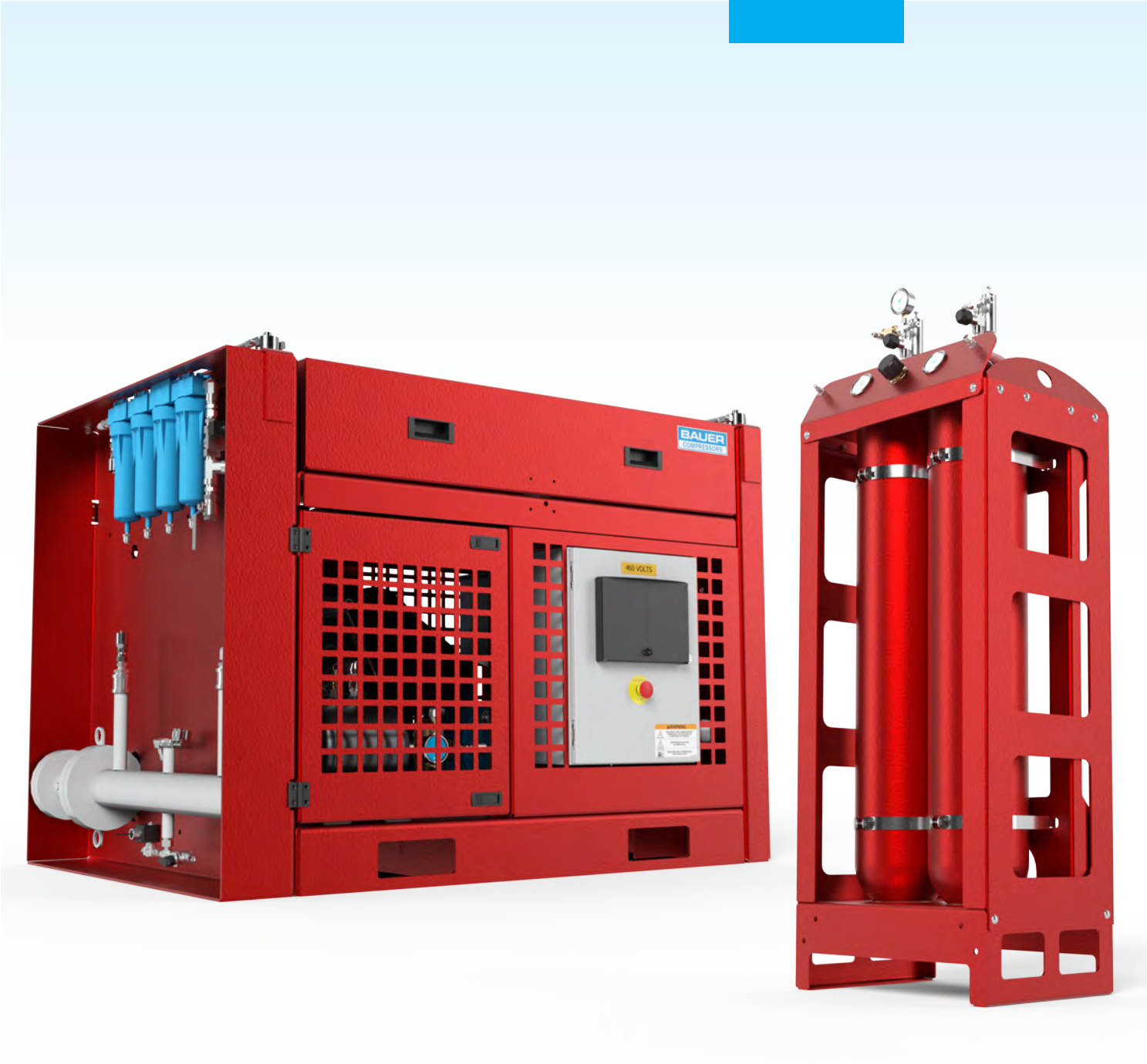
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1091.04.19.300AP  
Subject to technical changes

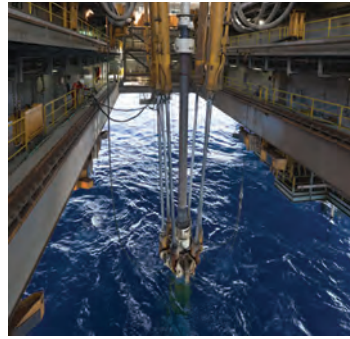
# SNG™ 4S

Stationary Nitrogen Generation System





› Motion Compensation



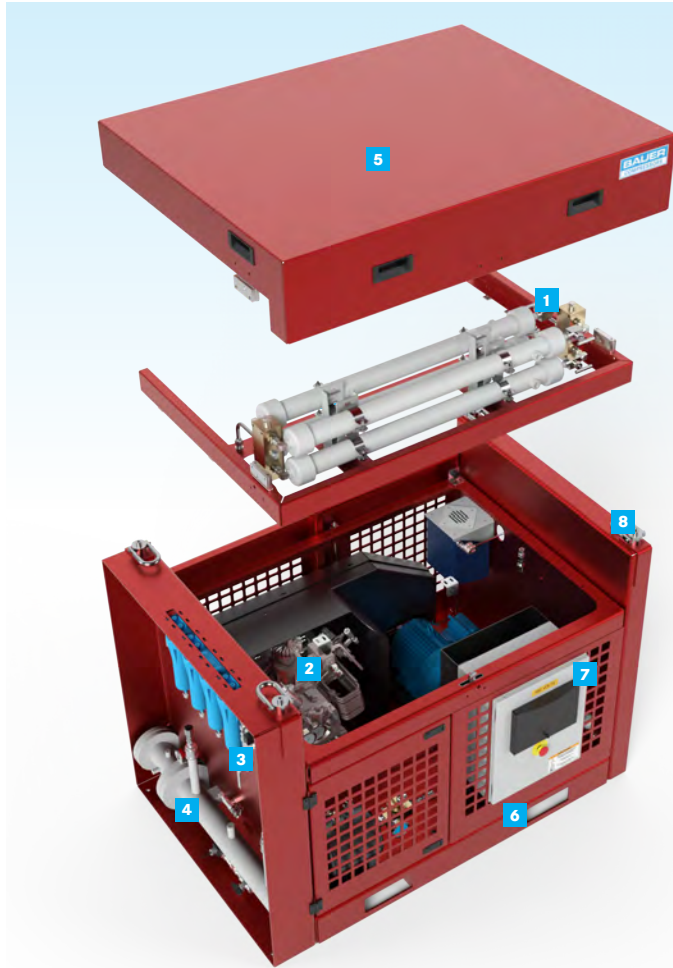
› Riser Tensioning



› Blowout Preventer



› Blanketing/Inerting



- 1 NITROGEN GENERATION MEMBRANE BUNDLE
- 2 BK12.2II HIGH PRESSURE NITROGEN COMPRESSOR
- 3 MEMBRANE PREFILTRATION SYSTEM (Particulate, Moisture & Hydrocarbon)
- 4 STAINLESS STEEL MEMBRANE PREHEATER
- 5 PRECISION FORMED ALUMINUM ENCLOSURE AND SKIDS WITH COATING AND SURFACE PREPARATION DESIGNED FOR OFFSHORE MARINE ENVIRONMENTS
- 6 FORKLIFT SLOTS
- 7 ELECTRICAL CONTROLS WITH TOUCH SCREEN HMI
- 8 LIFTING EYES

## FEED AIR REQUIREMENTS

- › Minimum  $-40^{\circ}\text{F}$  ( $-40^{\circ}\text{C}$ ) Dewpoint
- › Less than 10 Microns
- › Zero Hydrocarbons (PPM)

## TECHNICAL DATA

Model	Nitrogen Flow at 98% Purity <sup>2</sup>		Feed Air Pressure Required		Feed Air Capacity Required at 125 PSIG		Motor	
	SCFM <sup>1</sup>	M <sup>3</sup> /HR	PSIG	BAR	SCFM <sup>1</sup>	M <sup>3</sup> /HR	hp	kW
<b>5000 PSIG (345 BAR)</b>								
SNG-4S	9	15.3	125	9	35	60	5	3.8

1) Capacity is referenced to maximum inlet pressure and standard conditions. Tolerance +/- 5%.  
 2) Purity reflects content of O<sub>2</sub>-free gas produced.  
 Dimensions and weight are approximate.

# WHY BUY NITROGEN WHEN YOU CAN MAKE YOUR OWN?

› The SNG™4S point-of-use generation system eliminates the need for merchant-supplied nitrogen cylinders.

## BENEFITS

- › **Enhanced Safety** : On-site generation of nitrogen eliminates the dangers in transporting bulk or cryogenic tanks.
- › **Guaranteed Performance** : Engineered for reliable operations in all offshore environments.
- › **Innovative Design** : Compact footprint provides superior flexibility by minimizing deck space requirements.
- › **Exceptional Reliability** : Best-In-Class quality creates lowest cost of ownership.

- 9** SAFETY RELIEF VALVES
- 10** ISOLATION VALVES FOR EACH ASME VESSEL
- 11** HIGH PRESSURE ASME-RATED STORAGE VESSELS
- 12** MODULAR STORAGE RACKS WITH LIFTING EYES
- 13** OUTLET REGULATION PANEL
- 14** PRECISION FORMED STEEL SKIDS AND SUPPORT STRUCTURES WITH COATING AND SURFACE PREPARATION DESIGNED FOR OFFSHORE MARINE ENVIRONMENTS



Nitrogen storage assembly configured for up to two storage vessels.

## SYSTEM FOOTPRINT

**DIMENSIONS L X W X H inches (mm)**

› 62" x 40" x 44" (1574.8 x 1016 x 1117.6)

**WEIGHT pounds (kg)**

› 950 (431)

## TECHNICAL DATA

Storage Pressure	Nitrogen Volume
5000 PSIG	800 SCF

## TOTAL PERFORMANCE WARRANTY

- › 2 Year System Warranty
- › Lifetime Support Guarantee

## CUSTOMER SUPPORT



GLOBAL SUPPORT



SINGLE SOURCE RESPONSIBILITY



LOW COST OF OWNERSHIP



LIFECYCLE PERFORMANCE

FOR MORE INFORMATION PLEASE VISIT:

[www.BauerCustomerSupport.com](http://www.BauerCustomerSupport.com)

