

# Reference List of Nitrogen Gas Generator

## Reference List of Nitrogen Gas Generator

### PSA-Type Nitrogen Generator 200Nm<sup>3</sup>/hr @99.9%



#### Project:

Ship type: 3500M<sup>3</sup> LPG/VCM Carrier

Ship owner: Nanjing oil transportation co., Ltd

Shipyard: Bohai Shipbuilding Heavy Industry Co.,  
Ltd

Year of building: 2007

Ship Hull No.: BH513-1

Classification: CCS

#### Main Specification:

Type of Nitrogen gas generator: PSA Type

Module: NGG-N200-99.9

Nitrogen gas generator capacity: 200Nm<sup>3</sup>/hr

Nitrogen gas purity: 99.9%

Nitrogen gas pressure: 5bar

Nitrogen gas Temperature: 20-35°C

Nitrogen gas dew point: ≤-40°C

Installed power: 114kW

Cooling method: Fresh Water cooling

Cooling water capacity: 15m<sup>3</sup>/hr

Working ambient temperature: 0-45°C

#### Main Equipment Dimensions:

Air Compressor : 2908x975 x1840

Air dryer : 1420x 900x1520

PSA Unit: 2600x 2100 x2754

Air buffer tank: φ 916 x 1988(H)

#### “Gloryholder’s Scope of supply:

- Air Compressor
- Water Separator
- Dust Filters
- Oil Filter
- Air Dryer
- Air Buffer tank
- PSA Unit
- Nitrogen gas butter tank
- Control panel

### Gloryholder Liquefied Gas Machinery Co., Ltd

Factory Add: 13, Shuyuan Industries Zone, 88, Liaohe East Road,  
Development District, Dalian, P.R. China, 116600  
Tel: +86-411-87341332 Fax: +86-411-87341333  
Email: Sales@gh-igm.com



## Reference List of Nitrogen Gas Generator

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### MEM-Type Nitrogen Generator 1650Nm<sup>3</sup>/hr @95%



#### Project:

Ship type: 27000DWT Chemical Carrier

Ship owner: Lauritzan Kosen A/S

Shipyard: ZheJiang Peninsula Shipyard

Year of building: 2009

Ship Hull No.: BD001/002/003

Classification: BV

#### Main Specification:

Type of Nitrogen gas generator: MEM Type

Module: NGG-N1650-95

Nitrogen gas generator capacity: 1650Nm<sup>3</sup>/hr

Nitrogen gas purity: 95%

Nitrogen gas pressure: 9bar

Nitrogen gas Temperature: 20-35°C

Nitrogen gas dew point: ≤-40°C

Installed power: 425kW

Cooling method: Fresh Water cooling

Cooling water capacity: 43M<sup>3</sup>/hr

Working ambient temperature: 0-45°C

#### Main Equipment Dimensions:

Air Compressor : 4000×1930×2146

Air dryer : 1800× 1045×1520

MEM Unit: 2450× 2100 ×2300

Air buffer tank: φ 1200 x 2331(H)

Nitrogen gas buffer tank: φ 1200 x 3340(L)

#### “Gloryholder’s Scope of supply:

- Air Compressor
- Water Separator
- Dust Filters
- Oil Filter
- Air Dryer
- Air Buffer tank
- PSA Unit
- Nitrogen gas butter tank
- Control panel

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## Reference List of Nitrogen Gas Generator

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### **PSA-Type Nitrogen Generator** **200Nm<sup>3</sup>/hr@99.9%**



#### **Project:**

Ship type: 3600M<sup>3</sup> LPG/VCM Carrier

Ship owner: Lauritzan Kosen A/S

Shipyard: Yangzhou Kejin Shipyard Co.,Ltd

Year of building: 2009

Ship Hull No.: KJ07070/1/2/3/5/6

Classification: NK

#### **Main Specification:**

Type of Nitrogen gas generator: PSA Type

Module: NGG-N200-99.9

Nitrogen gas generator capacity: 200Nm<sup>3</sup>/hr

Nitrogen gas purity: 99.9%

Nitrogen gas pressure: 5bar

Nitrogen gas Temperature: 20-35°C

Nitrogen gas dew point: ≤-40°C

Installed power: 114kW

Cooling method: Fresh Water cooling

Cooling water capacity:15m<sup>3</sup>/hr

Working ambient temperature: 0-45°C

#### **Main Equipment Dimensions:**

Air Compressor : 2908x975 x1840

Air dryer : 1420x 900x1520

PSA Unit: 2600x 2100 x2754

Air buffer tank: φ 916 x H1988

#### **“Gloryholder’s Scope of supply:**

- Air Compressor
- Water Separator
- Dust Filters
- Oil Filter
- Air Dryer
- Air Buffer tank
- PSA Unit
- Nitrogen gas butter tank
- Control panel

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## Reference List of Nitrogen Gas Generator

### **PSA-Type Nitrogen Generator 300Nm<sup>3</sup>/hr@99.9%**



#### **Project:**

Ship type: 5500M<sup>3</sup> LPG/VCM Carrier

Ship owner: Wideshine Shipping Co.,Ltd

Shipyard: Guangzhou Hangtong Shipbuilding & Shipping Co., Ltd.

Year of building: 2011

Ship Hull No.: HT102211

Vessel Name: Hongyu

Classification: CCS

#### **Main Specification:**

Type of Nitrogen gas generator: PSA Type

Module: NGG-N300-99.9

Nitrogen gas generator capacity: 300Nm<sup>3</sup>/hr

Nitrogen gas purity: 99.9%

Nitrogen gas pressure: 5bar

Nitrogen gas Temperature: 20-35°C

Nitrogen gas dew point: ≤-40°C

Installed power: 165kW

Cooling method: Sea Water cooling

Cooling water capacity:20m<sup>3</sup>/hr

Working ambient temperature: 0-45°C

#### **Main Equipment Dimensions:**

Air Compressor : 2908x975 x1840

Soft Starter: 800x600 x2100

Air dryer : 1650x 800x1300

PSA Unit: 2285x 2047x4033

Air buffer tank: φ 916 x 1988(H)

#### **“Gloryholder’s Scope of supply:**

- Air Compressor
- Soft starter
- Water Separator
- Dust Filters
- Oil Filter
- Air Dryer
- Air Buffer tank
- PSA Unit
- Nitrogen gas butter tank
- Control panel

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#### **Project:**

Ship type: 5500M<sup>3</sup> LPG/VCM Carrier

Ship owner: Wideshine Shipping Co.,Ltd

Shipyard: Guangzhou Hangtong Shipbuilding & Shipping Co., Ltd.

Year of building: 2011

Ship Hull No.: HT102212

Vessel Name: Hongyu

Classification: CCS

#### **Main Specification:**

Type of Nitrogen gas generator: PSA Type

Module: NGG-N300-99.9

Nitrogen gas generator capacity: 300Nm<sup>3</sup>/hr

Nitrogen gas purity: 99.9%

Nitrogen gas pressure: 5bar

Nitrogen gas Temperature: 20-35°C

Nitrogen gas dew point: ≤-40°C

Installed power: 165kW

Cooling method: Sea Water cooling

Cooling water capacity:20m<sup>3</sup>/hr

Working ambient temperature: 0-45°C

#### **Main Equipment Dimensions:**

Air Compressor : 2908x975 x1840

Soft Starter: 800x600 x2100

Air dryer : 1650x 800x1300

PSA Unit: 2285x 2047x4033

Air buffer tank: φ 916 x 1988(H)

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