



Delivering the **Science** of Nitrogen Generation™

HSS-3/7 Spirit™ Series Membrane Nitrogen Generators

Specifications

Capacity & Nitrogen Purity:

N₂ flow = 0.5 scfm / 0.80 Nm³/h

Purity = 0.5% O₂ (based on 25 °C/77 °F operation)

Particles, aerosols: ISO8573-1:2010 class 1

Water dewpoint: Min 5 °C/9 °F below operating temperature

Minimum Feed Air Pressure:

HSS-3: 120 PSIG/8.3 barg

HSS-7: 80 PSIG/5.5 barg

Feed Air Flow:

HSS-3: 2.1 SCFM/3.4 Nm³/h

HSS-7: 2.3 SCFM/3.7 Nm³/h

Nitrogen Delivery Pressure:

15 psig (1 barg) below air pressure (typical)

Features:

- All in one cabinet mounted
- Manual operation
- 1-stage filtration
- Adjustable Nitrogen flow control valve
- Pressure gauges
- Nitrogen Sample connection

Options:

- No Cabinet (just back panel mounting)
- Automated controls:
 1. Pneumatic Controls.
 2. Electronic PLC w. HMI
- Handheld oxygen analyzer
- Built in fuel cell O₂ analyzer

Weight & Dimensions:

- LxWxH: 24"x12"x48" / 610x305x1219 mm
- Weight: 129 lbs / 59 kg

Power Required*:

120-240V, 1 Ph, 50/60 Hz, 15 Amp

** Power is needed only if electronic control is selected.*



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