

# NGS1000 Natural Gas Scrubber

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## Applications

- Engineered specifically for industrial applications with gas supply lines to equipment such as:
  - Cata-Dyne™ WX, MKII and Slim Line heaters
  - Gas appliances
- Used to remove contaminants found in fuel gas from natural gas wells.
- Certification for pressure vessels CRN# OH65732.
- Interchangeable with existing applications.

Our new NGS1000 Natural Gas Scrubber features a new desiccant based scrubber cartridge designed for easier installation and maintenance.



NGS 1000 Natural Gas Scrubber

## Features

- Housing and cover material - extruded, heat treated, machined and anodized 6000 Series aluminum.
- Maximum operating pressure is 250 psi.
- Maximum operating temperature is 200°F (93°C).
- Minimum operating temperature is -40°F (-40°C).
- Flow rate range from 600 SCFH to 1,500 SCFH.
- Inlet and outlet ports available in 1/4" NPT or 3/4" NPT.
- Drain cock.
- Standard stainless steel Universal Mounting Kit.
- Filtration media is available for moisture, sour gas, odor and oil contaminants.
- Cartridge filter change-out indicator plugs available.

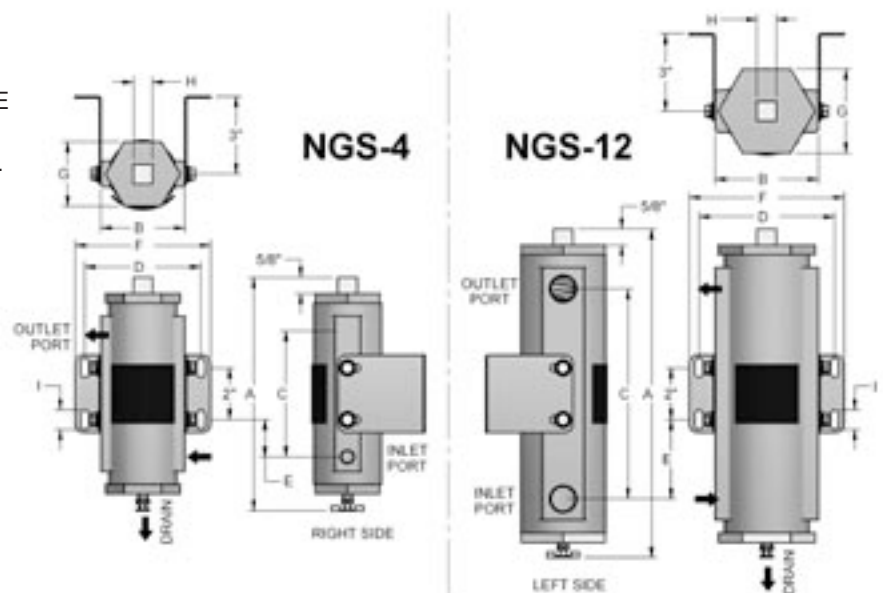
## Certifications

- Designed and built in accordance with ASME standards. Canadian Registration Number (CRN #0H6573.213) is standard for all units.

**Table 12 - Scrubber Selection for Cata-Dyne™ Heaters**

Gas Flow (Cu. Ft./hr)	Heater Size	Recommended NGS 1000 Scrubber
1.8	8 x 8	NGS-4
4.0	12 x 12	NGS-4
8.0	12 x 24	NGS-4
12.0	18 x 24	NGS-4
16.0	24 x 24	NGS-12
20.0	24 x 30	NGS-12
24.0	24 x 36	NGS-12

Note: When ordering please specify the operating fuel, pressure, and flow rate.



**Table 13 - Dimensions and Information**

Model #	A Overall Length (in.)	B Overall Width (in.)	C Port to Port (in.)	D (in.)	E (in.)	F (in.)	G (in.)	H (in.)	I (in.)	Pipe Size (NPT)	Replacement Cartridge	Bed Volume (cu. in.)
NGS-4	9	3-1/4	4-7/8	4-1/2	1-7/16	5-1/4	2-1/2	3/4	3/4 x 5/16	1/4	NGC-4	12.56
NGS-12	12-3/4	4	8-1/8	5-1/4	3-1/16	6	3-1/4	3/4	3/4 x 5/16	3/4	NGC-12	30.78

Note: For optimum performance, CCI Thermal will determine the appropriate scrubber for your application depending on your gas analysis.