

# NITRODOSE® G2

The next generation



**Latest advance in LN<sub>2</sub> dosing performance and durability with new, powerful control systems.**

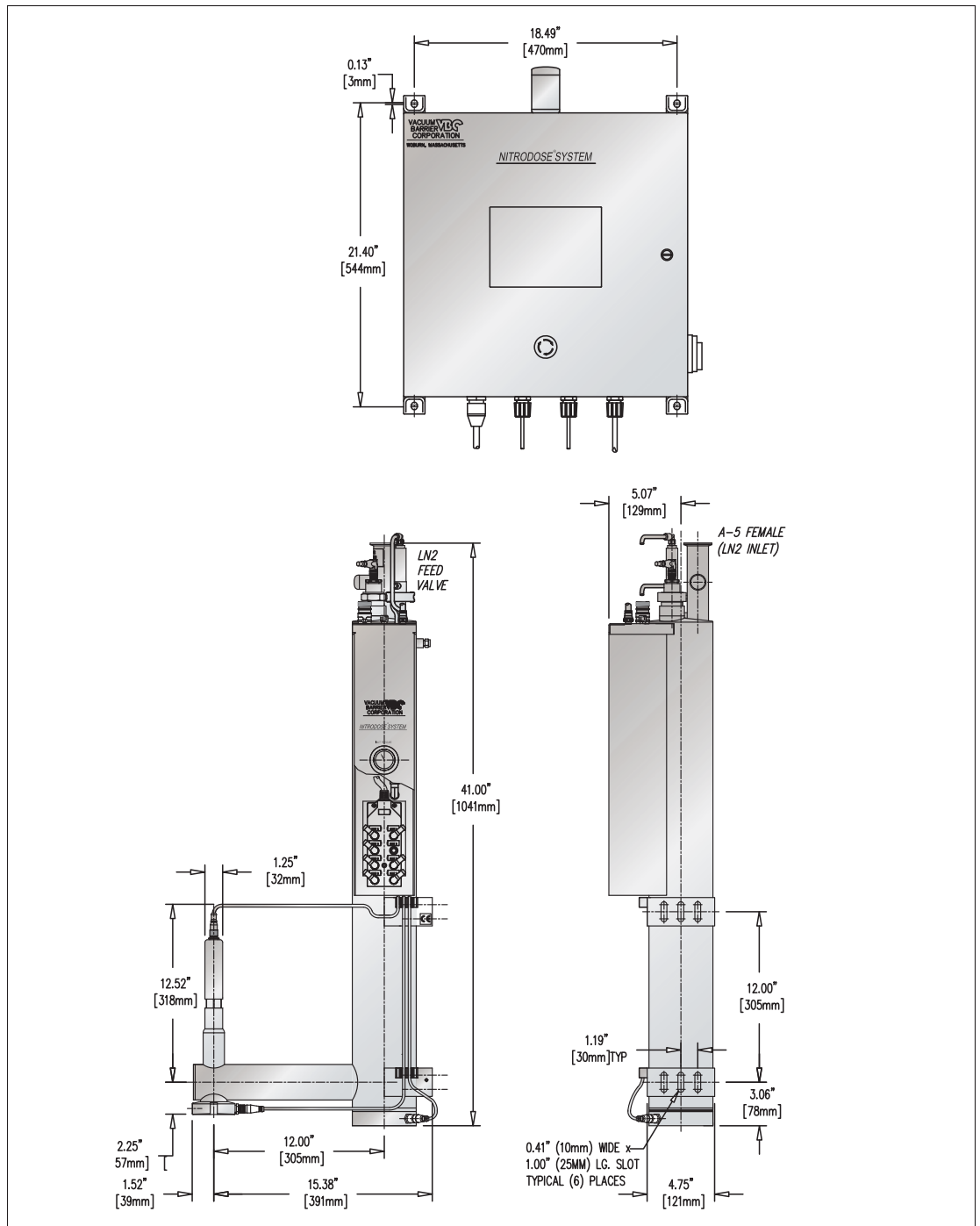
## Features

- Discrete dosing speed up to 450 CPM continuous stream thereafter
- Siemens S7-1200 or Allen Bradley ML 1100 PLC platforms
- Minimum dose duration, 25ms
- Smartsync technology
- Siemens KTP 600 or Allen Bradley Panel View 600 Touchscreen
- Automatic synchronization with speed and dose compensation
- Integrated Ethernet
- Five recipe storage
- Five on-board languages
- Accurate dose weight +/- 3%
- Self-monitored with alarm outputs
- Maximum direct LN<sub>2</sub> feed pressure, 100 psi (6.9 bar)
- Required air pressure, 50-100 psi (3.4-6.9 bar)
- Rapid warm-up feature
- High cycle-life electric dosing valve
- Lowest dosing pressure, 0.3 psi (0.02 bar)
- Self-Generating N<sub>2</sub> purge
- Sub-cooled LN<sub>2</sub> to improve dosing accuracy
- Optional CIP protection against freeze-ups
- Optional 3-D dose dispersion technology

**VACUUM  
BARRIER VBC**  
CORPORATION

Liquid Nitrogen Handling Specialists Since 1958

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