

# SMART GATE™



- Reduce Starting Power Spikes
- Prolong the Life of Your Motors
- Reduce Noise Pollution

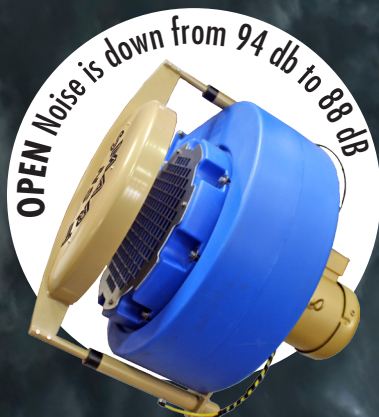
## ***Reduce Power Consumption***

The Smart Gate is the best upgrade you can add to your blower system. A pneumatically operated gate opens and closes the inflow of air into the impeller chamber, reducing the power required to operate.

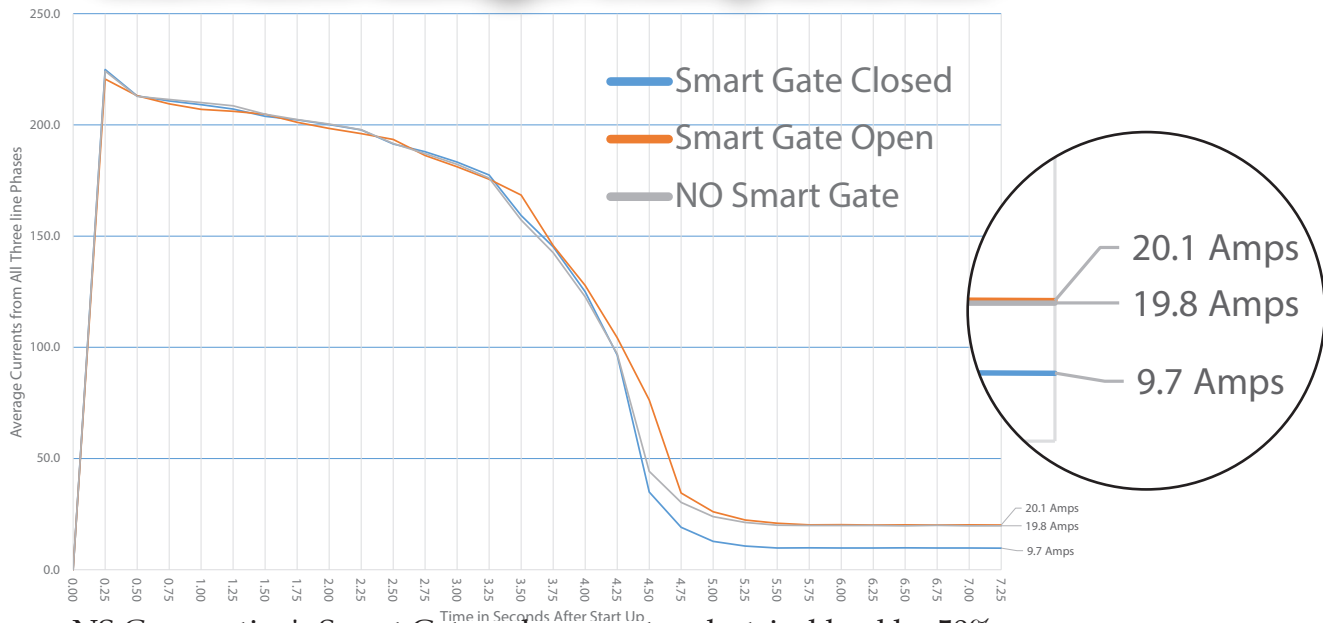
When no vehicle is in service, the gate will close, eliminating frequent start-ups, that drain the life of the motors. Most motors have a limit of approximately 8 starts per hour; with the Smart Gates, you can keep the motors on while saving power. Minimize the unnecessary and onerous starts and stops, while reducing power usage.

- Attaches to most blowers
- Works with small compressor (eight gates req. 0.256 CFM)
- Structural Aluminum 75% Recycled
- Reduces power consumption on idle by half
- Easy installation; bolt on design
- Proudly Made in the USA

**NS CORPORATION**  
*Quality Equipment Since 1961*



## Current Usage Comparison

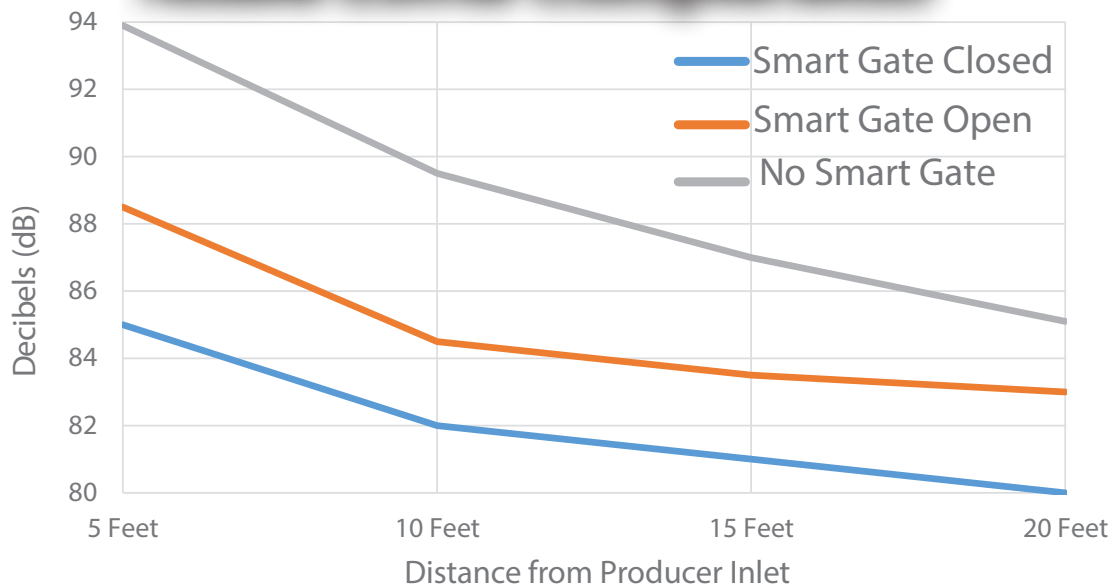


NS Corporation's Smart Gate reduces motor electrical load by 50% when closed, which allows your bay manager to leave the blowers on for longer periods in between bus washes. This can eliminate the extremely high current draw needed to restart blowers.



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## Noise Level Comparison



NS Corporation's Smart Gate reduces noise levels even when open, lowering the decibel level internally and externally and creating a safer working environment.

- **Reduce energy use**
- **Reduce Noise**
- **Extend components lives**

**The Three-in-One Smart Way to  
Manage your Energy Consumption**

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