



NOVA VERTA

# WIND SYSTEM RETRO FIT

*Improve production*

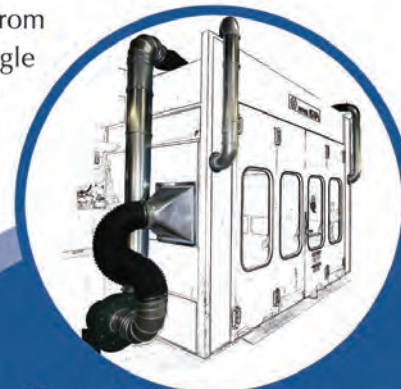


*Increase efficiencies, and improve your bottom line with the Wind Retro System from Nova Verta. The Wind Retro System improves flash and cure times by increasing air velocity within the paint booth from cross direction of downdraft air movement, providing the necessary slight turbulence that's imperative when using waterborne coatings. The speed of airflow is controlled by variable frequency drive (VFD) that not only provides a soft economical start but also allows for fully adjustable airspeed as desired in flash and cure modes to maximize for the type of booth and paint type being utilized. This also minimizes contamination associated with auxiliary air movement systems and can maximize your use in curing mode saving energy and decreasing production times.*

Up to 9 times more air movement!



Exclusive to Nova Verta is the ability to locate extremely well filtered incoming air from almost anywhere in the booth (custom designed intake ducts per location and model of booth as desired) The conditioned air already filtered into the booth is again filtered from specially designed intake grid mounted in a single side or end wall as preferences dictate. The air is then channeled to our exclusively designed 5hp fan where air is then amplified and transferred to the horizontal custom ducts mounted on the booth side walls. Air speeds easily exceed over 400 feet per minute.



## Quality Counts

When not in use, pneumatic door covers automatically protect nozzles from overspray, which in turn optimize air cleanliness during operation. Their sleek design goes virtually unnoticed within the limited working area of the booth. The system also maintains the full effectiveness of most lighting systems (optional placements can be customized).

NOVA VERTA

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# WIND SYSTEM

## RETRO FIT



### Control Operation

The Wind Retro System is easily operated from 2 LED luminated switches conveniently mounted to a pre wired panel board. The Allen Bradley Power Flex variable frequency drive is programmed to control speeds, modes of operation, times and time delay functions as well as pneumatic door operation.

### Quality components

All Ducting is 18 gauge galvanized steel with laser welded seams and quick fit clamps for easy installation. Includes 240 degree rated rubber flex hose for tight areas of installation. Main trunk line is 10" and reduces to 6" for booth entry. The nozzle ducting is exclusive to Nova Verta that allows for maximum airflow and consistent air delivery to all nozzles. The System to install is usually one day of booth interruption to the interior and is completed in 1 -1½ days.

- **Flash time reduction: 75%**
- **Curing time reduction: 50%**
- **Energy savings: 50%**



### Tailored Installation

The Retro Fit Wind System can be fitted to almost any model of spray booth as there are custom options available upon review of your specific needs. Drawings and or photo's highly recommended prior to ordering.