



## Go Fan Yourself® & ABB System Solution Key Features

I wanted to take a few minutes to explain the advantages of the Go Fan Yourself® and ABB system solution. GFY® has partnered with ABB and created the ultimate HVLD (high-volume, large diameter) fan offering in the world. The advantages:

- The **ABB** Dodge Quantis **Z-Tech™** Drive. The most advanced fan power plant in the world!
  - H insulation for improved thermal protection provides unsurpassed performance
  - Synthetic oil minimizes gearbox running temperature
  - Viton sealing system for optimal reducer ingress protection. IP55 protection comes standard!
  - NEMA premium efficient motor and helical gearing reducer for maximum efficiency results in more Air Turnovers Per Minute (ATPM) than any competitive fan in both directions
- The **ABB** open platform controller provides easy connection to building management systems and allows control of up to 25 fans from a single keypad without purchasing an expensive control system.

### The Z-Tech™ SS Safety System Makes GFY® The Safest Fan In The World

- Now we not only exceed all of the competition in terms of performance but we're also the safest fan in the market in two critical ways:
  - The new, innovative strap system exceeds the break strength of steel cable.
  - GFY's blade connection point supports the full width of the blade, not just a narrow spoke forcing a small percentage of the blade to support the entire length like many of our competitors use.

### The Z-Tech™ Fan will provide up to 30% MORE COVERAGE compared to the other fans in the market.

How?

- Go Fan Yourself® patented a stepped, symmetrical blade that dramatically reduces frictional resistance and drag while greatly increasing air displacement and thrust.
- The design allows the velocity of air flow to move past the steps, at which point the pressure immediately decreases and provides a significant increase in air movement.
- As a result, an evaporative cooling effect (wind-chill) of up to 10 degrees is achieved. You can FEEL the difference over a greater area within your facility!

### Airfoil fans are designed to move air in only one direction. During heating season you can run your GFY® fan in reverse rotation and efficiently stir your air bringing the hot air down from the ceiling with no wind-chill.

What's the benefit?

- The **Z-Tech™** fan will effectively de-stratify uneven temperatures that can be in excess of 30 degrees from floor to ceiling running in reverse without creating a wind-chill.
  - Your heating system will cycle less frequently saving you money!
  - Your people will be more comfortable 24/7/365!
- Just think of your house fan, you reverse it to create air movement during the winter months without creating a wind-chill... if this is a standard feature on a house fan, shouldn't it be a standard feature on the industrial/commercial fan you purchase for your business? Of course it should!

### Go Fan Yourself® has been able to remove the coverage gap documented as the "Eye Of The Hurricane" by our competition directly underneath the center of the fan with our PITCHED HUB DESIGN.

- The "Eye of the Hurricane" or "Dead Zone" is what those in the fan industry tend to refer to the area directly under the center of the fan because that area normally receives NO air movement when utilizing competitive HVLS (high volume, low speed) fans with flat or domed hubs.
- Because of GFY's HVLD (high volume, large diameter) pitched hub design, cooling and de-stratification effects are felt more uniformly and there is no more fighting for the best spot on the floor!

These features are what makes Go Fan Yourself's partnership with **ABB** DIFFERENT and COOL & solidified us at the TOP of the fan industry. GFY® is focused on Live Motion Breathing Science (LMBS) bringing patented, never before seen technology to create healthier indoor spaces. See how Ray-Air helps your office spaces at [www.ray-air.com](http://www.ray-air.com)!

