



VividAir Controller Made In England
ABB Controller Made Overseas - Final Assembly In US
Blade Raw Material US or Canadian

Supplied By America!



Superior cast hub provides full blade support for added safety.



Stepped leading edge creates venting which increases performance.



The new, innovative **Z-Tech3™** fan helps even the hottest employees keep their cool. How? VividAir combined cutting-edge patented technology with a modern industrial design to provide the largest coverage area in the industry and a cooling effect of up to 10 degrees.

Features

Blade & Hub Design

- Patented **Z-Tech™** blade design with 20° plus pitch
- Cast hub eliminates hardware connections for the safest, most reliable solution available.
- Symmetrical **Z-Tech™** blade design allows for true reversibility for year-round operation
- Pitched hub design with same 20° plus pitch as blade
- Designer series offers custom color combinations and designs
- Blades supported by the full width of the blade unlike airfoil designs that support the airfoil with a narrow post.

Motor

- **ABB** Dodge Quantis **Z-Tech™** Drive Train
- F insulation provides a 122° ambient temperature rating
- Viton sealing system protects the gear box
- IP55 standard; Optional voltages available:
- 200-240VAC 1 Phase
- 200-240VAC & 380-480VAC 3 Phase

Controller

- Open-platform VividAir controller
- NEMA 4X; IP66 variable frequency drive
- ESFR (Early Suppression Fast Response)
- ROHS compliant
- NECA standard built-in LOTO (lock out, tag out) disconnect

Installation

- Suitable for mounting to I-beam, top or bottom chord angle iron, L-bracket and Z-purlin; multiple installation applications available

Benefits

Blade & Hub Design

- Increases coverage area up to 30% compared to other HVLS fans
- No wind chill created when using **Z-Tech3™** fan in reverse operation
- Up to 30K sq ft destratification coverage; reduces energy heating costs
- Eliminates air-flow dead zone under the fan
- Ability to customize **Z-Tech3™** fan to best compliment your facility

Controller

- Steamline building management system integration
- Easy +24 VDC connection to existing alarm systems
- Control up to 30 fans from a single controller (controllers are interlinked by a hard-wire connection so fan control signals are daisy-chained through the fan system).
- Optional Wall Mount Keypad available. Maximum CAT5 cable length is 300ft. 100ft CAT5 cable ships with the kit. Longer cables are the responsibility of the installer.

Installation

- Safety ring: ¼" powder coated steel
- **Z-Tech™ SS** safety system provides (4) custom straps with a break strength of 16,000lbs each which easily exceeds traditional 5/16" stainless steel aircraft cable of around 10,000lbs
- Guy wires: 1/8" stainless steel aircraft cable
- Lifetime warranty: blades, hub and mounting system
- 12-year warranty: motor, gearbox and hub

