



72" TAZ FAN

Features & Specifications

INTENDED USE: Ideal for spaces that need targeted cooling to deliver optimum people comfort, safety, and productivity while enabling energy savings, material and labor cost avoidance resulting in the lowest total cost of ownership. Applications include warehousing (ideal for rack aisles), manufacturing, gymnasiums, agriculture (no fan keeps livestock cooler) and other indoor spaces.

NUMBER OF BLADES: 4

BLADE CONSTRUCTION: Poly with Aluminum Hub

ELECTRICAL (MOTOR): 230/460 3 phase AC

ELECTRICAL (CONTROLLER): Premium control with hardware flexibility, programmability, and scalability for an optimal solution. GFY Variable Frequency Drive – Nema 4X, IP66. ESFR relay ready to connect to existing fire suppression systems, integral LOTO (lock-out, tag-out) disconnect ships standard. ROHS compliant. 208-230v or 460-480v standard.

INSTALLATION: Suitable for mounting with chain from virtually any surface.

SAFETY: 4 individual hanging anchor points with screens top and bottom make TAZ the safest fan on the market.

OPERATING TEMPERATURES:

Motor & Gearbox: - 7° C (20° F) to 50° C (122° F)

Controller: - 7° C (20° F) to 50° C to (122° F)

WARRANTY: 3 year warranty on motor and controller. Complete warranty terms located at www.gofanyourself.com/company/warranty.



Follow the Factory Mutual Insurance Company (FM Global) standards, Heating equipment manufacturer's guideline and safety standards such as those published by the National Fire Protection Association (NFPA), and the American Society for Heating, Refrigeration and Air Conditioning Engineers (ASHRAE), and local code authorities.

TECHNICAL SPECIFICATIONS

Number of Blades: (4) 6 FT blades within a 7 FT fiberglass body. Low pressure wash-down ready.

Blade Construction: (4) Poly blades, heavy duty and corrosion resistant.

Fan Weight: 505 lbs.

Nominal Motor: 3 hp (2.2 kW)

Nominal RPM: 295

Calculated Air Movement: 75,200 cfm

Maximum Destratification Diameter: 100 FT

Nominal Coverage Distance: Area spreading out from the fan to a maximum width of 25 FT and a distance of 150 FT.

Nominal Amps: Suspension Mount: 3.5A @ 460VAC 3 Phase

1/4" steel chain (highly recommended) or 1/8" steel cable anchored to (4) points (contractor supplied).

VFD Controller: Premium motor control with hardware flexibility, programmability and scalability for an optimal solution. ROHS compliant, ESFR relay ready, integral LOTO disconnect and IP66 Nema 4X rated.

Safety Features: (4) unique anchor points, each designed to support the full weight of the fan with screens top and bottom makes TAZ the safest fan on the market.

Warranty: (3) year warranty on the fan motor and GFY controller.

72" TAZ FAN

FEATURES, SPECIFICATIONS & MAXIMUM COVERAGE GUIDE

SPECIFICATIONS

Example Part Number: GFY-TAZ-72-460-3

Family	Style	Diameter	Voltage	Phase	Options
GFY	TAZ	72 (72" Fan Diameter)	230 ¹ 460 ¹	1 (Single) ¹ 3 (Three) ¹	CP ² Custom Program Z ³ Z-Purlin WM ⁴ Wall Mount Keypad DS-1 ⁴ Designer Series DS-S ⁵ Stickers NAV VividAir Navigator

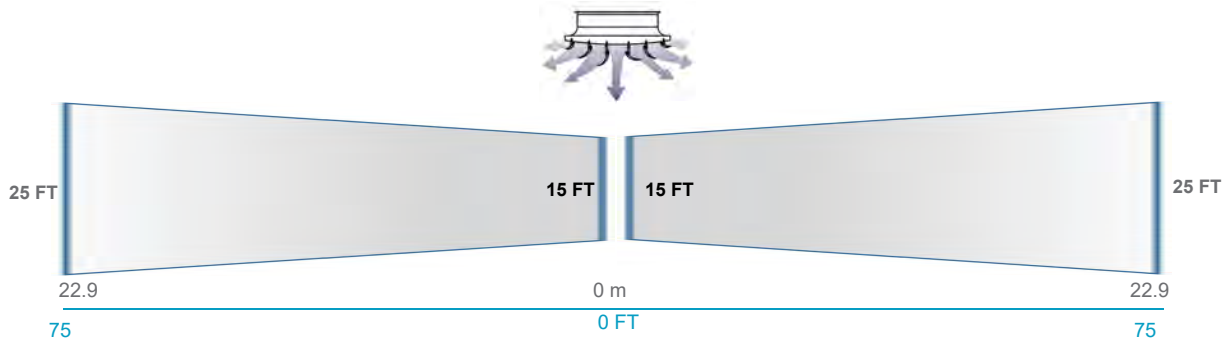
- 1) Number of Blades: 4
- 2) Minimum Mounting Height: Louvers 1 FT Above Tallest Vehicle or Movable Obstruction
- 3) Maximum Cooling Distance: 150 FT
- 4) Maximum Destratification Diameter: 100 FT
- 5) Calculated Air Movement: 75,200 CFM
- 6) Nominal Blade Rotations Per Minute: 295 RPM
- 7) Nominal Motor: 3 HP (2.2kW)
- 8) Nominal Amps: 3.5A @ 460V
- 9) System Weight: 375 lbs
- 10) MAX Mounting Distance Between Fans: 50 FT/300 FT
- 11) Nominal Clearance From Solid Roof Surfaces or Solid Trusses: 6 FT
- 12) TAZ Maximum Height - Nominal 48"
- 13) TAZ Fiberglass Body Size - Nominal 78.5" x 78.5"
- 14) Screens, top and bottom, factory installed

FOOTNOTES:

- 1) Single Phase: 200-240VAC 1 Phase | Three Phase: 200-240VAC 3 Phase | 380-480VAC 3 Phase
- 2) Consult the factory as an extended lead time will apply. Customer's team and VividAir's team must communicate so programming details may be identified. There may be additional hardware or software charges. Not all programming options may be available on every control.
- 3) Do NOT anchor TAZ fans directly to Z-Purlins. Z-Purlin applications require custom mounting for the eyebolts. Do not anchor eyebolts directly to purlins.
- 4) Custom Color the (6) TAZ Louvers. All (6) Louvers must be the same color.
- 5) Custom Company Logo Stickers. (2) Stickers required. Customer must supply approved Adobe Illustrator (AI) file to produce the stickers.

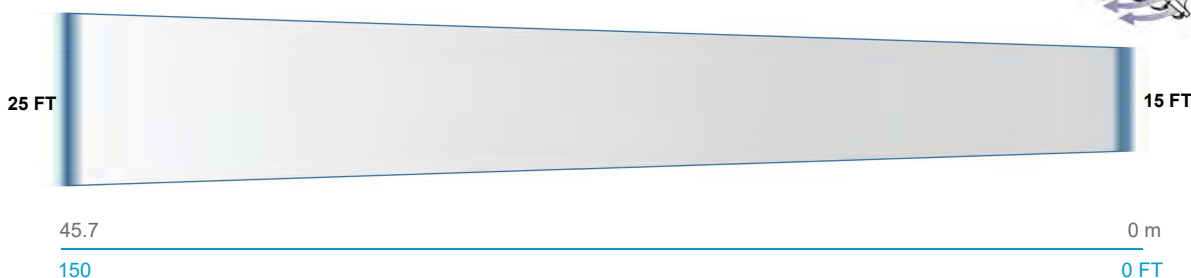
Dual Direction Applications

(Dimensions shown are horizontal, not vertical)



Single Direction Applications

(Dimensions shown are horizontal, not vertical)



72" TAZ FAN

VARIABLE FREQUENCY DRIVES WITH WALL MOUNT KEYPAD OPTION

Standard VividAir
VFD Controller
200-240VAC 1 Phase
200-240VAC 3 Phase
380-480VAC 3 Phase



Wall Mount Keypad

ABB ASC255 VFD Controller
200-240VAC 1 Phase



Wall Mount Keypad

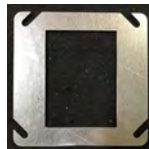
ABB ASC355 VFD Controller
200-240V 3 Phase
380-480V 3 Phase



Wall Mount Keypad Adapter Plate



Wall Mount Keypad Adapter Plate



Keypad
relocated to
4x4 electrical
box



Shown with
customer
supplied
lockable /
slotted cover



Fan Controls



- GFY Variable Frequency Drive Enclosure - Nema 4X (IP66).
- Special Wiring (Thermostats, Fire Alarm Interface, Networking, Etc.) (Optional) Consult Factory.
- 50 / 60 Hz Operation.
- All VividAir Z-Tech™ Controls ship standard with an Early Suppression Fast Response Relay ready to connect to existing fire suppression systems.
- VividAir Z-Tech™ Fan Controls ship standard with an integral Lock Out Tag Out Disconnect.
- All fans require their own VFD Controller but multiple fans may be controlled from a single keypad or with VividAir Navigator, GFY's HMI based fan control system (additional wiring required).



The best performing fan company brings you the ultimate control for your VividAir Fan system!

VividAir Navigator provides one-touch control of all your Go Fan Yourself and VividAir fans!

- All On - turns all fans on to their last requested speed and direction.
- All Off - turns all fans off.
- All Low - turns all fans on to the user defined "low" speed setting in the last direction requested.
- All Med - turns all fans on to the user defined "medium" speed setting in the last direction requested.
- All High - turns all fans on to the user defined "high" speed setting in the last direction requested.

Name your fans and name the (5) fan pages to group your fans by area.

Group your fans by performance!

- Each fan can have a unique setting for "low, medium & high" so when an "all" command is given each fan can be set to perform perfectly for its responsibility within your operations.

Installation is easy! Just daisy chain CAT6 (568B) shielded data cable from Navigator to a fan and then from fan to fan.

VividAir Navigator is powered by 100-120VAC and the wall transformer plugs into any standard outlet. Contact your Go Fan Yourself/VividAir rep or visit www.vividairmovement.com to learn more!