



# STAX Ventilation Recommendations



## **Product Testing & Quality**

Next signs are built to perform in extreme conditions. Our STAX™ displays are fully sealed, with no moving parts, and require no fans or forced ventilation. Built with automotive-grade cabling and smart controls, they stand up to water, heat, cold, humidity, wind, and salt.

Our testing is designed to quickly stress components and expose potential failure points. This includes thermal shock testing to simulate sudden weather changes, IP67 water testing to verify full sealing, and salt spray testing to assess long-term durability in corrosive environments.

## **Warranty Coverage**

Next signs products are engineered to operate safely with a maximum internal component temperature of 180°F. No ventilation is required to maintain warranty coverage, and all components are designed to automatically shut down if the internal component temperatures are reached. However, if installation conditions force internal temperatures above 180°F, alternative installation methods, such as adding venting to the sign cabinet or adjusting the installation location, may be necessary. Next Signs is not responsible for rectifying issues from heat challenged installations or insufficient ventilation. Pre-installation support is available to help customers ensure proper installation and avoid elevated temperature conditions.



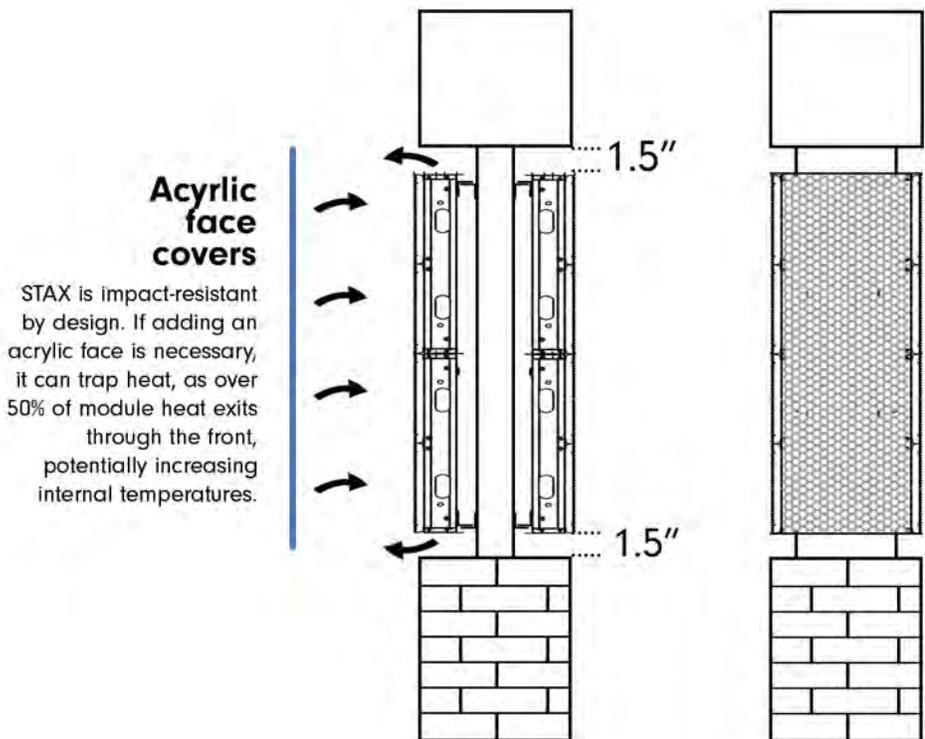
# Monument Signs

## Installation Considerations

In most cases, ventilation or additional heat egress is not required due to the display's size, mounting method, or location. However, if there is concern about elevated internal temperatures specific to your installation environment, please refer to the recommendations to enhance heat dissipation and ensure optimal performance.

## Extended Life

Ventilation is always encouraged, as lowering the temperature that the modules experience will slow diode degradation and extend the usable daytime brightness of the display.



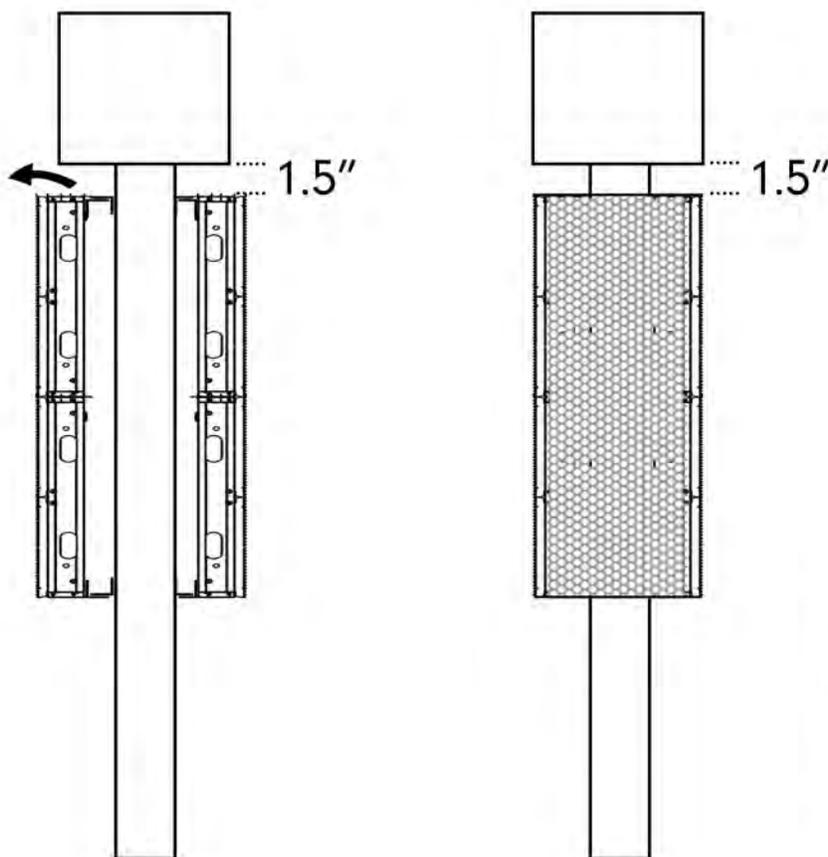
# Pylon Signs

## Installation Considerations

In most cases, ventilation or additional heat egress is not required due to the display's size, mounting method, or location. However, if there is concern about elevated internal temperatures specific to your installation environment, please refer to the recommendations to enhance heat dissipation and ensure optimal performance.

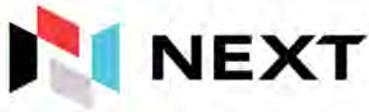
## Extended Life

Ventilation is always encouraged, as lowering the temperature that the modules experience will slow diode degradation and extend the usable daytime brightness of the display.



## Return Panel Design

STAX can work with reveals. Side panels to enclose the display help improve the visual quality of the completed installation. Whereas most installations will not be affected by the increased heat trapped by the side panels, many installations include pre-manufactured perforation while others include custom routed ventilation to match the sign design or material being utilized. Next provides CAD drawings of the Stax frames to aid in the easy translation of a



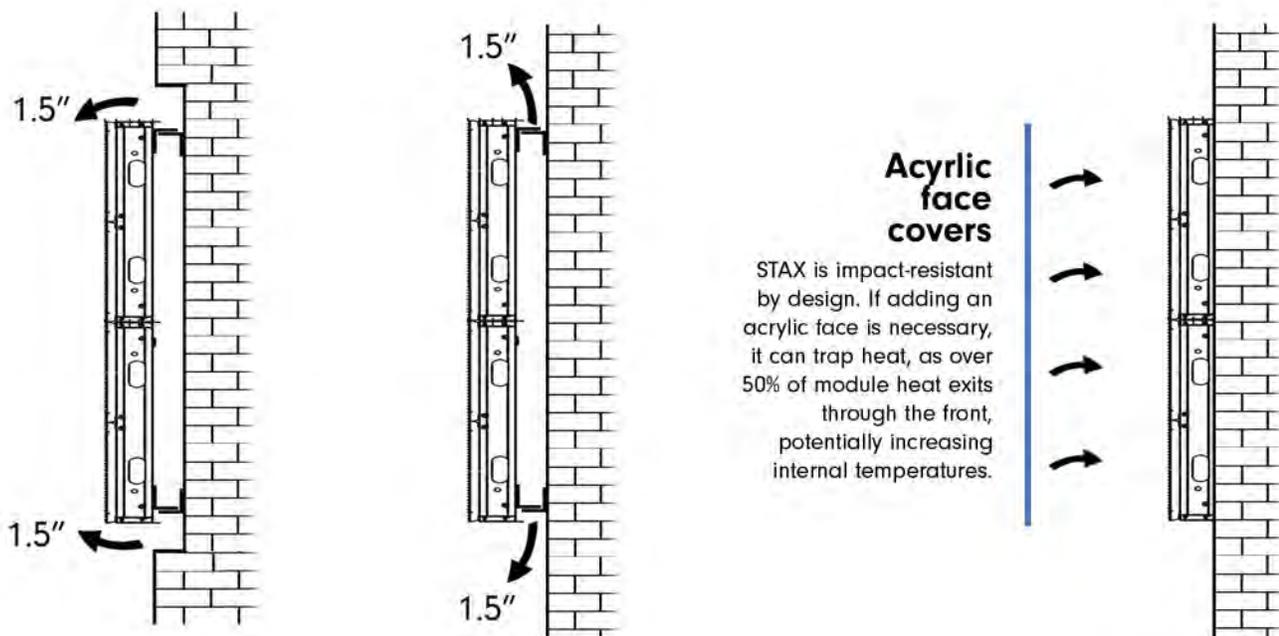
# Wall Signs

## Installation Considerations

In most cases, ventilation or additional heat egress is not required due to the display's size, mounting method, or location. However, if there is concern about elevated internal temperatures specific to your installation environment, please refer to the recommendations to enhance heat dissipation and ensure optimal performance.

## Extended Life

Ventilation is always encouraged, as lowering the temperature that the modules experience will slow diode degradation and extend the usable daytime brightness of the display.



## Inset Installations

Most Inset installations on surfaces with no ventilation behind are discouraged due to the limited heat egress.

## Size Matters

Wall mounted installations that are directly mounted to the wall will perform well depending on size. When installations go above 4' tall the more likely the display will be to experience increased temperatures that may push the internal components of the STAX product to its maximum. Larger installations should consider spacing and opportunities for air flow behind the display.