



CASE STUDY



Winery/Vineyard

12 FIRES WINERY CREATES A COMFORTABLE PATRON EXPERIENCE WITH CARRIER DUCTLESS SYSTEM

LOCATION

Johnson City, TX

CLIENT NAME

12 Fires Winery & Vineyard

PROJECT TYPE

New Construction

BUILDING SIZE

~6K Sq. Ft.

FACILITY USAGE

Commercial

DISTRIBUTOR

Robert Madden Industries

EQUIPMENT

- 2 Carrier Multi-Zone Outdoor Units (4 Tons)
- 9 Carrier Ceiling Cassettes
- Carrier Wired Controls
- Carrier Thermostats

Situation

12 Fires Winery was building out a new, single-story facility on its vineyard in Texas Hill Country. Throughout this process, they had several objectives. First, they wanted to apply innovative building science techniques to manage the air, water, vapor and thermal barriers. Secondly, they wanted an immersive and unique winery experience for their patrons.

With these objectives in mind, an unobtrusive, efficient and quiet HVAC system was essential. And with customers constantly entering and exiting the facility, they knew efficiency—with zero air loss—was just as critical.

Challenge

The architects originally recommended two traditional packaged HVAC units for installation on the roof with exposed spiral ducts inside the facility.

But this caused three distinct problems for the winery: it significantly increased the HVAC costs; it would prevent them from executing a second story expansion in the future; and it would diminish the comfortable experience they wanted to provide.





Solution

The winery was already familiar with the reliability of Carrier products and trusted the brand. And given the efficiency, whisper-quiet operation and sleek designs of the Carrier ductless units, they were confident that a ductless system was the perfect solution for their project.

The low-profile Cassettes stay out of view, and they were able to install the outdoor units on the back side of the building instead of on the roof. Plus, with the wired controls tucked away in the manager's office, thermostats were out of sight—allowing for zoned comfort control behind the scenes.

Results

The system delivery and installation were fast and successful, taking a grand total of eight days from start to finish. Not only did the Carrier representative initiate the order quickly, but the units were delivered within a week—and the rep was on-site to help with installation and education.

With low noise and no exposed ducts, the winery's new Carrier ductless system makes for a visually pleasing and quiet atmosphere for patrons.



For more information, contact your local Carrier representative.

