

FUJITSU

CASE STUDY

AIRSTAGE™

El Mariachi Restaurant
Kapolei, Hawaii

Project Name

El Mariachi Restaurant

Location

Kapolei, Hawaii

Completion Date

November, 2013

The Team**Owner**

Jesus Torres

HVAC Contractor

Island Wind,
Miguel Martinez

HVAC Distributor

Admor HVAC
Honolulu, HI

El Mariachi Restaurant

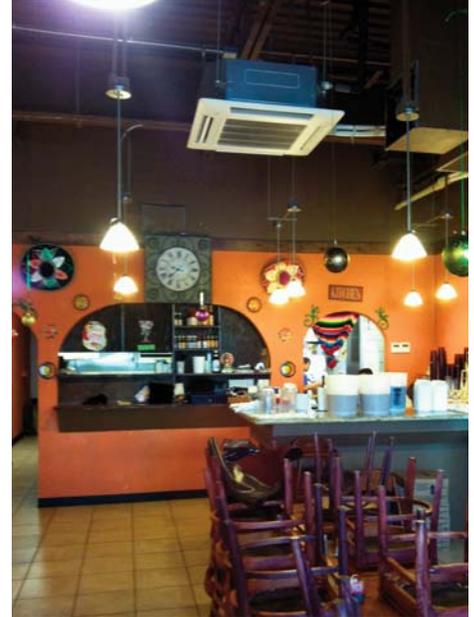
Owner Jesus Torres grew up with the fantastic cooking that his family and relatives would prepare, not only for special occasions, but for regular family dinners. With his family as his instructors, Jesus learned how to prepare the authentic Mexican dishes that he enjoyed himself. He used his love of cooking authentic Mexican dishes and turned it up a notch at Kaneohe's El Mariachi Mexican Restaurant.

El Mariachi takes pride in serving you the best Mexican dishes in the Hawaiian islands. From our Carne Asada to Burritos, Ensaladas to Carnitas, or one of our combination platos, we always prepare our Mexican food the same way we enjoyed it back home.

El Mariachi has three locations on the Island of Oahu, with plans to build a new location in 2014.

Design Challenge

With about 3000 square feet of restaurant space in a busy Kapolei shopping center, Owner Jesus Torres was looking for a replacement for a failing rooftop package air conditioner. The building has a large open area for dining and a limited open space for indoor units



above the kitchen and bathrooms. As well, replacing a unit on the roof would require a structural engineer to review the building for support and would require a crane to remove and install a new unit. Limited space behind the building makes it hard to consider a package unit on the ground and noise requirements outdoors are strictly enforced by the building owner.

Why Fujitsu Was Chosen

The mechanical contractor, Miguel Martinez of Island Wind AC had done installations before using Daikin systems, but when Admor recommended a training class at their facility, free of charge, Miguel



happily accepted. Throughout training he was very engaged in the course and took the time to ask questions to get a better understanding of Fujitsu's equipment. Miguel has a close relationship with El Mariachi's owner, Jesus Torres. After meeting at the restaurant, Miguel recommended a VRF system to allow for zoning of the dining and kitchen areas for energy efficiency purposes. And due to the limited space for an outdoor unit and the noise requirements, Miguel was able to find a location on the ground behind the restaurant that a package unit or even a simple DX split would not fit or be quiet enough to keep the building owner happy.

The Results

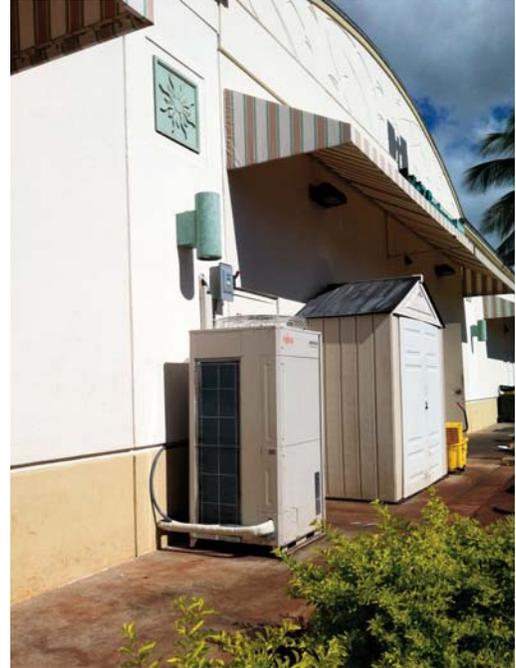
The job was installed in under one month in 2013. Miguel was able to purchase the equipment and pick it up directly at Admor's warehouse. Installation turned out to be extremely easy and building conditions improved tremendously compared to the failing rooftop package unit. Miguel has also recommended that Jesus use Fujitsu in his next restaurant based on zoning and energy savings alone.

Customer Testimonial

Overall, the mechanical contractor was very happy with project. As mentioned, he was able to purchase and pick up equipment in the same day. Mobility and placement of the outdoor unit was relatively simple (compared to using a crane and installing on the roof).

The restaurant's manager made comments on the fact that it almost got too cold when they first turned on the unit. With some instructions from Miguel, the building keeps all workers and patrons comfortable in the hot and humid Hawaiian summers. Kitchen workers even went as far as applauding when the unit was first installed and running.





Airstage Equipment List Series: V-II
(1) AOUA96RLBV V-II Heat pump Outdoor Unit
(2) AUUB36RLAV Cassette Indoor Units
(1) ARUH48RLAV High Static Pressure Duct Indoor Unit
(3) UTY-RNKU Wired Remote Controllers
(2) UTG-LCGV Cassette Grille
(1) UTR-BP090X Separation Tube Assembly
(1) UTR-BP180X Separation Tube Assembly



- ISO9001
- ISO14001

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