FUJITSU

CASE STUDY

AIRSTAGE™

Ft. Huachuca Greeley Hall
Ft. Huachuca, Arizona

Ft. Huachuca Greeley Hall

Project Name
Ft. Huachuca Greeley Hall

Location
Ft. Huachuca, Arizona

Completion Date
March 2015

The Team

Owner
United States Army

Engineer
US Army Corp of Engineers

HVAC Contractor
Temco Air Environmental

HVAC Distributor
Air Cold

HVAC Representative
LDP Associates

The Army was happy with the capabilities of their system at the Arms Simulation Building and was satisfied with the installation, so they decided to install a system in one of their conference centers in Greeley Hall.

Design Challenge

Since the fire alarm would need to be disabled and thus shutting down the entire building, the system had to be installed without the use of flame brazing. The contractor made all brazed connection at his shop and brought rolled soft copper to the job site. The copper was then unwound and fed through chases to the roof to the outdoor unit. The fact that the contractor could mix and match hard and soft copper made the installation go very smoothly. As well, the contractor was happy that all other connections were flared, making it easy to prepare the copper in the field without having to use flame.

Why Fujitsu Was Chosen

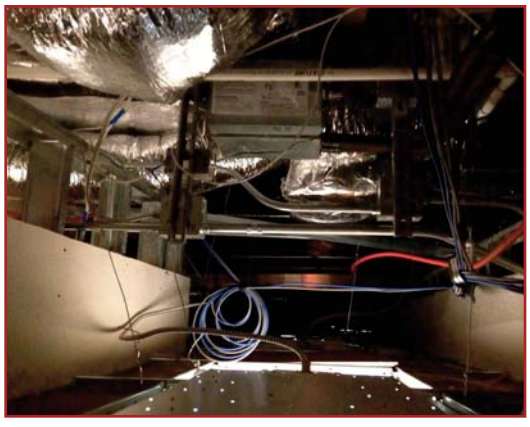
Fujitsu was chosen for its successful installation on a previous job at the Arms Simulation building. The fact that the job went very smoothly and that they system was operating quietly and efficiently allowed for the end user to make an easy choice for their heating and cooling needs. As well, the indoor units being in a conference room, needed to be as quiet as possible.

The Results

The Army was very happy with the installation. They found the room to be quieter than expected, even when running at full fan speed, and with the installation at the previous site, they knew they were getting a reliable, energy efficient system.

Customer Testimonial

The contractor was able to use the access elevator to get the unit onto the roof. Being creative, they made a base with wheels on it. They were able to pre-mount the outdoor unit on the base/cart and bring it to the jobsite. They then rolled the unit from the ground, up on the service elevator, and onto the roof into the location they needed. All of the site portion of this exercise was completed by one man. Pretty impressive and creative!



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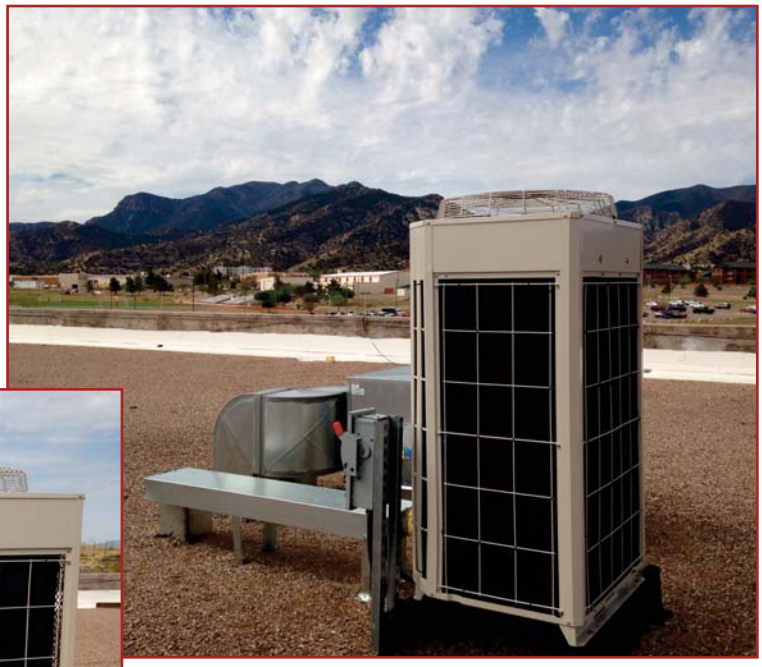
AIRSTAGE VRF EQUIPMENT INSTALLED
(1) AOUA72TLBV VR-II Series Outdoor Units
(1) ARUM30TLAV VR-II Medium Static Pressure Duct
(1) ARUH48TLAV VR-II High Static Pressure Duct
(1) UTY-DCGY Central Remote Controller
(1) UTY-VLGX Network Converter for LONWORKS
(2) UTY-RNRU Individual Touch Panel Controller (Wired Remote)
(1) UTY-XWZXZB External Input Wired V-II for Control Input Port
(1) UTP-BX090A Indoor Separation Tube
(2) UTP-RU01BH Single Type Refrigerant Branch Unit

Individual Touch Panel Controller



VR-II Series Outdoor units

• ISO9001
• ISO14001

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