

Student Pipeline Dormitory – Goodfellow Air Force Base

Client Challenge:

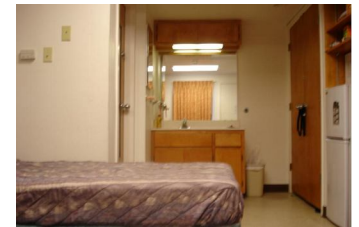
Home to the 17th Training Wing, Goodfellow Air Force Base is a United States Air Force training installation subsidiary to the Air Education & Training Command (AETC). Located on 1,135 acres near the community of San Angelo, TX, Goodfellow produces nearly 10,000 multi-service graduates annually. With such a high number of students and active personnel on base, the need for updated and expanded housing soon became evident. Goodfellow AFB wanted to utilize this opportunity to build the new Student Pipeline Dormitory while setting a standard for air quality in this busy facility.

IEQ Solution:

To treat the new 12,000 sq. ft., 200 unit facility, consisting of three wings and a commons area, three custom built 4000 air handling units (AHUs) were retrofit for the job. Two units were installed in the energy recovery unit treating fresh air and one 3500 CFM unit was installed in the training sector. This proven technology creates a safer, healthier, more comfortable and productive environment for students, staff and visitors.

Result:

The new Student Pipeline Dormitory at Goodfellow Air Force Base protects military personnel, dependents, visitors and retirees inside of the facility from the threat of most airborne irritants because of the use of GAP™ Technology.



Client:
Goodfellow Air Force Base

Facility Type:
Military Housing

Technologies:
GAP™ Technology

Location:
San Angelo, TX

Square Feet:
12,000

Number of floors:
3

Completion Date:
2006

Architect/Engineer:
U.S. Army Corps of Engineers

Construction Firm:
MW Builders of Texas, Inc.

Consultant:
Genesis Air, Inc.