

BLUEPRINT

ALDER SUITES APARTMENTS EUGENE, OR



Building Type:

Multi-Family Apartments

Square Feet: 53,000

General Contractor: Innovative Air. Inc. **Essex General Construction**

Eugene, OR

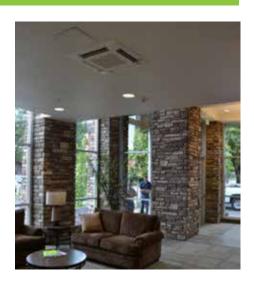
Engineer: Keeting Engineering Eugene, OR

Representative: Oregon Air Reps Eugene, OR



The Solution:

"Priority Zone" control got the best warranties provided security for





the efficiencies of ductless technology. With ongoing active promotion by local utilities, and the University of Oregon's requirement installed on the tight apartment balconies. A for sustainable design for any new construc-Apartments project, everyone knew what to use. The ductless heat pump manufacturers were lined up at the start.

ty of Oregon campus, near the historic Havward Field complex. The project included a demolition and ground-up construction of a 5-story structure ready to occupy in one year. Daikin was the clear winner. The student housing complex includes 34 apartments in 3- or 4-bedroom configurations, plus common areas.

The developers wanted multi-zone ductless systems for efficiency, but knew some systems "lock out" during opposing calls for heating or cooling. Daikin's "Priority Zone" control logic doesn't "lock out" during mode changes, so students can be comfortable on their terms, while minimizing monthly heating and cooling costs. They also wanted systems that were trouble-free and could withstand the student environment, with strong product warranties to back them up "just in case". The Daikin MXS Multi Zone systems have an excellent reputation, and the Daikin warranty is among the best — appealing benefits in the very competitive student housing market.

Due to the building design and requirement to keep mechanical systems "unseen", the selected Daikin MXS systems were easily unique condensate removal design allows the tion, when it came time for the Alder Suites building to avoid using condensate pumps on the 121 wall mounted fan coils.

The Daikin team of **Oregon Air Reps** and Daikin 3D Dealer **Innovative Air** were able Alder Suites is located just off of the Universito meet all the developer's requirements for energy efficiency, comfort, construction timing, and warranty support. In the field of VRF products considered for this project,



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FIND OUT MORE ABOUT DAIKIN VRV.

Contact your local dealer or manufacturer's representative.

Additional information

Before purchasing this appliance, read important information about its estimated annual energy consumption, yearly operating cost, or energy efficiency rating that is available from your retailer.

Actual savings and costs will vary. Cost and savings statements are applicable solely to the installation indicated. For additional information please contact the installing contractor, distributor or factory representatives.

DAIKIN EQUIPMENT

- 4 RXYMQ48PVJU VRVIII-S HP
- 20 4MXS32GVJU 4 Port Multi Zone HP
- 11 3MXS24JVJU 3 Port Multi Zone HP
- 121 BRC944B2-A08 Wired Controllers
- 82 CTXS07LVJU Wall Mounted Fan Coils
- 31 FTXS15LVJU Wall Mounted Fan Coils
- 1 FTXS36LVJU Wall Mounted Fan Coil
- 4 FXZQ09MVJU9 2 x 2 Ceiling Cassette Fan Coils
- 4 FXZQ12MVJU9 2 x 2 Ceiling Cassette Fan Coils
- 12 BRC1E72 Navigation Controllers
- 1 FCQ24PVJU "Round Flow" Ceiling Cassette

