

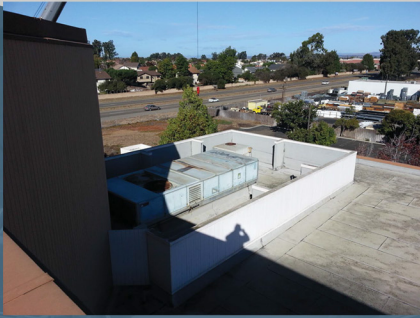


MULTI-ZONE & RETROFIT UNITS

Comfort and Energy Efficiency are what we look for in solving the main challenges of a Multi-Zone Unit, where, every room represents an independent microclimate and needs to be managed in different ways.

As the leader in Multi-Zone Unit manufacturing, Alliance Air Products can custom design your Multi-Zone unit to fit environment and space requirements. Our Multi-Zone Units are great for retrofitting legacy systems in Schools, Office Buildings, Libraries, Retail, MOB's and more.





▲ The old MZ unit being uninstalled and preparing the site for the new unit.



At Alliance Air Products, we can help with retrofitting non-efficient units by replacing them with the latest technologies.

- ▶ All aluminum construction to minimize the weight differences from existing unit (galvanized or stainless steel optional).
- ▶ Lead refrigeration circuit with VFD scroll compressor (dual VFD compressors optional); extremely efficient and quiet.
- ▶ Variable speed condenser fans (standard) for smooth and low-ambient head pressure control.
- ▶ Integrated economizer and building pressure relief damper standard (optional building pressure sensor-controlled exhaust).
- ▶ Plenum supply fans with variable speed drive (standard) for turn-down, soft-start and air balancing. Optional EC fans.
- ▶ Specifiable coil materials and/or coil coatings on evaporator, condenser.
- ▶ Optional heat recovery coil reduces the need for gas or electric heaters.
- ▶ Modulating gas furnace with 409 SS heat-exchanger or SCR controlled electrical heaters.
- ▶ Integrated extruded-aluminum dual-deck zone dampers (or optional triple-deck for non-mixing).
- ▶ Factory installed DDC controls for equipment & zone control.
- ▶ Matches existing roof curb (or optional varying cantilever based on specific jobsite limitations).
- ▶ Single Source Power Panel.
- ▶ R-410A refrigerant.

◀ Multizone-Retrofit Alliance Air Products AHU installed.

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