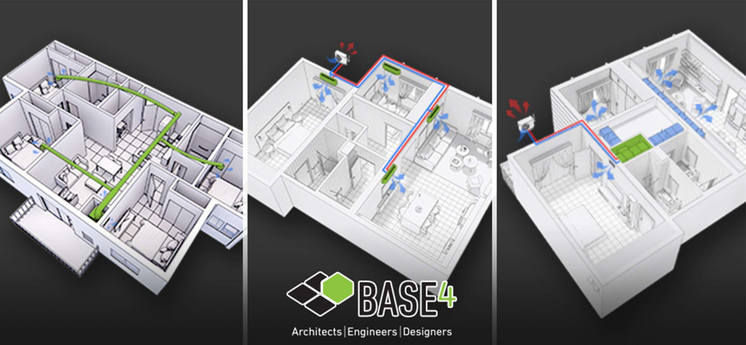
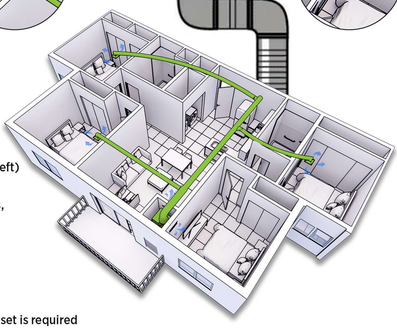


BASE4
Architects | Engineers | Designers

HVAC for Multifamily

VTAC/VRF/Split AHU

VTAC



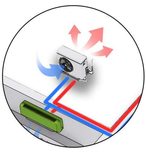
BENEFITS:

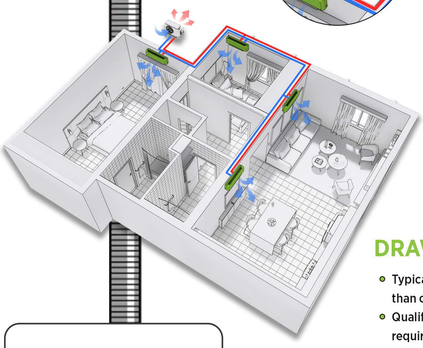
- Easy to install. Installation is possible from any interior side (front, right or left) and does not require skilled labor.
- No outdoor units and refrigerant lines, as the units are self-contained.
- Units are hidden out of view.

DRAWBACKS:

- Additional space for a closet is required within the dwelling unit, which reduces the usable floor area.
- Units must be placed with a louver on an exterior wall. This might affect the building elevations.

MULTI INDOOR SPLIT SYSTEM





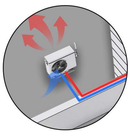
BENEFITS:

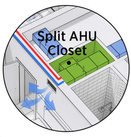
- The Multi Indoor Split system connects multiple indoor units to one outdoor unit
- The system saves space and is more aesthetically pleasing to the site due to fewer outdoor visible units.

DRAWBACKS:

- Typically, the installation cost is higher than other air-conditioning systems.
- Qualified refrigeration mechanic is required for installation.

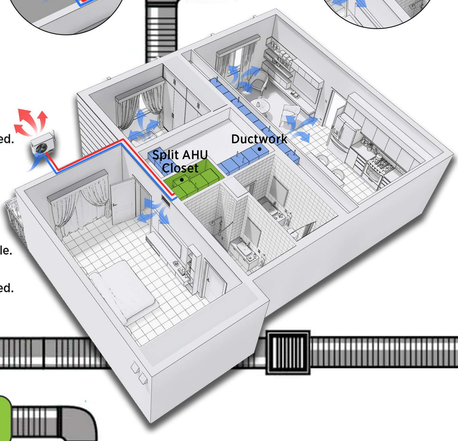
SPLIT AHU





BENEFITS:

- Installation is easy. AHU can be either floor-mounted or ceiling suspended.
- Simple in design and easy to maintain.



DRAWBACKS:

- Zoning control is less flexible. Simultaneous heating and cooling cannot be performed.

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