

## Curb Mounted RTUs

- Integral vibration/seismic curb preferred over internal isolation especially where packaged units include DX cooling
- Add isolated flexible mass in-curb acoustical treatment
- Seal downflow duct drops using acoustical grade caulk
- Dissipate duct breakout noise using heavy wall construction with external composite mass loaded acoustical insulation or double wall construction for first 15' of SA & RA inside the building
- Locate fan attenuation as close to the unit as possible
- Always flex ductwork and power connections to the unit
- Follow ASHRAE and SMACNA duct design guidelines to mitigate noise regeneration from turbulent flow conditions
- Avoid roof midspan locations

