



- 1 In most cases, it will not be necessary to modify duct sizing when installing a zoning system.
- 2 It is a good practice to size the smallest zone to handle approximately 25% of the system CFM.
- 3 Never undersize ductwork.
- 4 Upsizing registers in the smallest zone to the next larger size should be considered.
- 5 You can double the rated CFM of a register before it starts to become noisy.
- 6 Two-stage equipment is always a better choice.
- 7 It is always better to slightly undersize the HVAC equipment than to oversize it.
- 8 Never locate a thermostat in a hallway.
- 9 If bypass dampers are used they should be installed at least 2 feet away from the plenum, when possible.
- 10 Always use a separate 24 volt transformer to power the zone panel. (Do not use the equipment transformer.)
- 11 Always tag all wires, especially from dampers and thermostats.
- 12 Some basements may require setting the zone thermostat in auto mode during the cooling season for the following reasons:
  - (a) Basement walls are cold as a result of being below the ground level
  - (b) Uninsulated ductwork located in the basement acts as a cooling radiator
  - (c) Ductwork leaking air
  - (d) Cold air falls, especially in homes with open stairways



**The 13<sup>th</sup> point of zoning may be to buy it when it's on sale!** For the month of February, Jackson Systems is offering a 10% discount on all purchases of iO zoning in addition to your member rebates.

For a look at iO zoning systems from one to 12+ zones, visit <https://jacksonsystems.com/category/zoning.html>. Or, find us at the SGI Partner Jam on April 3-5, 2019 in San Antonio, TX.