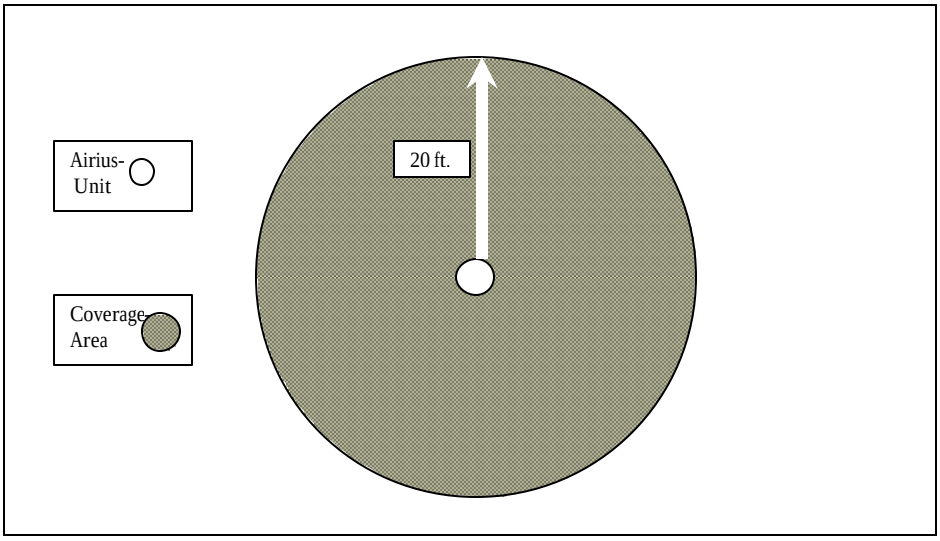
Airius Thermal Equalizer:
Specification & Installation

1. First look for any open space with greater than ten foot elevation from floor to ceiling. This is ideal for atriums, open floor space such as a bank's waiting area.

2. Each Airus unit covers 1000-1500 sq. ft. of space approximately. Coverage is a forty foot diameter, or twenty feet from the center of the unit in every direction as seen below.



3. Next, distance from floor to ceiling needs to be accounted for. Units are sized at 10 ft., 15 ft., 25, 40 ft, or 60 ft. if free hanging and 10ft, 15 ft., 25 ft., or 40 ft. if being placed in a suspended ceiling. Also take into account that the free hanging unit can be hung a little lower than ceiling height. A free hanging unit is 16 inches in height up to 40 ft model and a little taller in a 60 ft. model. A six foot cord allows for adjustment of where a free hanging unit is placed in relation to the ceiling.

4. Look for beam placement for installation. Unit weighs 12 lbs but a sixty pound weight limit is suggested for installation. Please use a 1/4 inch hook or hook and chain to install. The Airius unit is equipped with a 1/4 inch eye hook, so variations for installation can occur.

5. Electrical box is needed to install. Fish line or run conduit to box. Unit plugs into a normal three-prong 110 volt outlet.

In Review:

There is no hard and fast rule, but 1 unit serves about 1000 + /- sq ft of floor space and we design the units to the appropriate ceiling height. Each unit weighs around 12 lb and should be hung by its bail with hardware rated for 60 lb (anything a 1/4 " Dia works) the unit is supplied with an eyebolt on top, the unit should be mounted as high in the ceiling as possible, and allowed to free swing on its hanger (a caribeiner works well as a connecter) this will allow the unit to move if hit by something, the unit comes with a 6 ft cord and standard 3 prong plug, we like the plug for service reasons, we recommend the units be dusted/cleaned once a year and the plug allows the unit to be taken down without engaging the electrician, but you can hardwire then as well. The unit should be hung so the air column is unobstructed to the floor, you don't want the air column hitting anyone directly for extended periods, even 70 degree air is cool when moved over exposed skin.

Example drawing for specifications.