Round Air Ducts vs Rectangular Air Ducts

Your HVAC unit must rely on your duckwork to transport conditioned air to the rooms throughout your home. If you're considering anair conditioner replacement or new AC installation, the type of air ducts to use for ventilation is an important factor to consider. Rectangular air ducts and round air ducts are two popular options. Each has its own set of advantages and disadvantages

About Rectangle Air Ducts

Many homes and buildings have used rectangular shaped duckwork for many years. Although round ductwork is considered a step up from traditional rectangle-shaped air ducts, there are some advantages to using this shape ductwork. For example, rectangular air ducts use less space. So naturally, this type of air duct is perfect to use in areas with limited room like above the ceiling or in a wall cavity.

We believe that rectangular ductwork will always have a place in some duct system designs. However, round air ducts surpass rectangular ducts in efficiency, cost and air quality benefits.

About Round Air Ducts

Round duckwork is a popular choice because it is an effective and efficient upgrade from rectangular ducts. It is also versatile enough to be used in an assortment of building settings. Some of the advantages of round ductwork include:

- It is more economical compared to rectangular air ducts because round air ducts require less material to transfer the same amount of air.
- Round air ducts are designed to tolerate a faster air flow with less friction, which prevents your ducts from experiencing less wear and tear over time.
- Your heating and cooling system will use less power to distribute air throughout your home.
- Round ducts offer a high level of sound absorption naturally. Due to this, you may not have to use sound dampers, which is used in rectangular ducts.
- It comes in longer pieces and requires fewer joints.

While round air ducts have great advantages, there are some disadvantages. One of the most notable drawbacks of using round air ducts is that they need more room than rectangular air ducts. In order to use this type of ductwork in small spaces like the ceiling, you would have to lower the height of it to accommodate the round air ducts.

SENTE MARKET
Tel: +90 212 856 1132 Fax: +90 212 856 1131
Email: info@sentemarket.com web: www.sentemarket.com