



Why we say **QADUCT™** is truly green!

Quality Air Duct is an **energy efficient**, pre-insulated duct system that is completely pre-engineered and easy to install. **QADUCT** will **improve indoor air quality**, and it conserves energy by being **air-tight and thermally efficient**. **QADUCT** is manufactured with **sustainability** in mind, with **up to 100% recyclable HDPE** (high density polyethylene)

composite material. It is of a **light-weight** construction with **natural FR** (fire and smoke retardant) filler added to enable it to pass the UL 181 regulations for above ground ductwork applications. Additionally, **QADUCT** is **mold and mildew resistant**, will **not rust**, will not crack under pressure and **can be recycled**.

Application

QADUCT™ is an alternative to metal air ductwork in applications for air-to-air and high velocity with the pipe 6", 8" or 10". The niche is attics, main trunks and vertical runs but more significantly in applications where the requirements call for high pressure systems. **QADUCT** increases comfort with its ability to operate at a rate velocity of 5000 FPM (25.4 m/s) with 7% less friction.

Total Cost of Ownership

There is not just one but several factors that contribute to TCO reductions. One is labor cost to install and change the ductwork configuration with the new design clamp and gasket. Second, a pressurized system uses less time to heat and cool conditioned spaces. Three, less friction to air flow due to the very smooth surface increases CFM in turn reduces blower energy consumed. The sum total mentioned reduces **the size of ducts and coil unit** improves TCO and gains high ROI over the life time of service over any competitors sealed duct joints with a mastic sealants and tapes.

Here is our formula for GREEN BUILDING

Our Commitment to the Environment and human health: EPA - DOH	Our Commitment to SUSTAINABLE PRODUCT	LEED QUALIFIED PRODUCT
<ul style="list-style-type: none"> - We manufacture an "Air to Air Exchange" ductwork system - Product burn will not produce harmful gases to humans - Resists harmful chemicals - Resists Mold & Mildew - Resists Pests - No fibrous material in airflow - Sound Proof - Air Tight - No VOC 	+	=
	<ul style="list-style-type: none"> - Can use recyclable content to manufacture components - Low Maintenance Cost - Non-toxic; made with food grade plastic - Product life cycle is long - Manufacturing requires less energy to produce - Manufacturing recycles waste 	<ul style="list-style-type: none"> - Lower operating costs and increased asset value - Reduce waste sent to landfills - Conserve energy - Healthier and safer for occupants - Reduce harmful greenhouse gas emissions - Demonstrate an owner's commitment to environmental stewardship and social responsibility