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## **Six-Inch Ducting Allows QTX Series to Exceed Performance Claims**

**Hartford, Wis., April 21, 2005** – When Broan-NuTone introduced its new Ultra Silent™ QTX ventilation fans, it provided the industry with the quietest bath fans ever. New improvements have now made the quietest fans even quieter, according to Lynn Mantha, senior product manager.

“When we developed our Ultra Silent QTX line of fans with a six-inch duct, we knew that for real-world installations, the lower static pressure of the system would result in a significant sound and power improvement. Recent testing shows that a quality 110 CFM fan, installed with a four-inch duct in a very typical installation, will produce 55 percent more noise than the same fan ducted with a six-inch duct,” says Nielsen.

For example, when a QTX 80 CFM fan is ducted with a six-inch duct, it will move more air more quietly than the competition’s best four-inch-ducted fan rated at 110 CFM.

**NuTone**

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“The bottom line for consumers,” Nielsen says, “is that they get more fan for less money when they choose an Ultra Silent QTX fan.”

Additionally, according to Nielsen, Broan-NuTone is leading the industry in making the transition to six-inch ducts. Based on the recently updated and increasingly influential ASHRAE 62.2 residential ventilation standard, four-inch duct runs are not allowed with 100 and 125 CFM fans and are essentially not effective in normal installations even at 80 CFM.

“As a convenience to our customers,” says Nielsen, “Broan-NuTone offers its Broan and NuTone customers insulated six-inch ducting in 25-foot lengths. This product also is readily available in the marketplace. While other manufacturers have claimed six-inch ducting is significantly more expensive than four-inch ducting, we’ve found this to be untrue. Savings from not having to upsize the fan to account for ducting systems more than offsets the initial cost of the ductwork.”

To learn more about the Ultra Silent QTX fans, visit [www.nutone.com](http://www.nutone.com).

NuTone® is a trademark of NuTone Inc, a subsidiary of Broan-NuTone and North America’s leading manufacturer and distributor of residential built-in convenience products including door chimes, central vacuum systems, stereo intercom systems, home theater speakers, medicine cabinets, ironing centers and ventilation fans. Broan-NuTone is proud to be an ENERGY STAR® partner. Broan® is a trademark of Broan-NuTone LLC, North America’s leading manufacturer and distributor of residential ventilation products including range hoods, ventilation fans, heater/fan/light combination units, Indoor Air Quality (IAQ) Fresh Air Systems, built-in heaters, whole-house fans, attic ventilators, paddle fans and trash compactors.

For more information about the full line of Broan-NuTone products,  
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