Water Source Heat Pump (WSHP) systems are one of the most efficient, environmentally friendly ways to heat and cool buildings because each unit responds only to the heating or cooling load of the individual zone it serves. These systems are ideal for office buildings, hotels, health care facilities, banks, schools, condominiums, apartments. The benefits are outstanding—excellent comfort, better efficiency and lower operating costs!

Daikin McQuay announces SmartSource™, a new line of water source heat pump products with industry leading efficiencies, low noise operation and a wide range of features and options that are unmatched in the industry. The Daikin McQuay SmartSource features high Energy Efficiency Ratings (EER) – up to 22.2 at full load and 29.8 in part load - that far exceeds ASHRAE 90.1 standards and makes the units perfect for Leadership in Energy and Environmental Design (LEED®) projects and utility rebate opportunities. Daikin McQuay is the only manufacturer to offer the more efficient, electrically commutated motor (ECM) as a standard feature across the entire product line with multiple field selectable airflow settings. These settings provide a wider airflow operating range for different applications and duct systems for better comfort. SmartSource water source heat pumps are exceptionally quiet with published sound ratings as low as 46 dBA. Sound reduction packages are available for even greater sound attenuation. Both the vertical and horizontal cabinets have gasket-sealed access panels for lower sound levels and are designed for durability with rugged, textured power coat paint finish. Cleanable, foil faced fiberglass insulation is standard in the air-handling section with an option for closed cell foam. In addition, the compressor is “double isolated” with vibration isolation grommets mounted to a heavy gauge metal plate, and then isolated from the cabinet base with rubber grommets to minimize vibration. Learn more here!