Trane geothermal heating and cooling

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This is the login for Trane(R) Connect(TM) and other Trane(R) commercial applications. Trane(R) Connect(TM) is our secure, cloud-based customer portal to access your building systems to remotely monitor and manage building systems, and conduct routine maintenance.

One cabinet size for each of five capacity options makes it an ideal replacement or retrofit choice. Hot gas reheat option for dehumidification on all sizes, with optional 25% outside air damper. Units 1 - 1.5 tons meet LEED EAc4 requirements.

Trane"s premier line of water source heat pumps deliver exceptional energy efficiency - up to 40 EER on select systems - with advanced technology to making them easy to operate using factory-installed and commissioned controls. Available in standard, high-efficiency and variable speed models.

Axiom rooftops integrate water-source efficiency with leading Trane Precedent(R) rooftop models. Designed, to reduce complexity and improve serviceability, these units feature colored wiring, keyed connectors, no fan belts to adjust, convenient hinged access to the control panel and remote diagnostics enabled by our Symbio(R) controller (12.5-25 tons).

Outstanding energy efficiency in a stacked, space saving design for reduced installation time and cost. Hinged return air acoustical door flush with wall for reduced noise. Six unit capacities available in three cabinet sizes.

Geothermal, or ground source solutions have gained renewed interest. Continued improvements in well drilling and heat exchange technology has led to improved performance and lower installed costs. While thermal energy storage has been around for over 40 years, innovations in heating with ice has expanded the operating map and carbon reduction potential. The increase in incentives in the form of fuel switching, carbon caps, carbon pricing and investment tax credits can make these systems even more attractive.

This webinar will explore advantages and disadvantages for commercial building geothermal and thermal energy storage solutions. Presenters will discuss key application considerations for distributed and centralized geothermal systems including a review of equipment. Thermal energy storage economics, cooling and heating system applications will also be discussed.

Mike Filler is the Solutions Leader for Thermal Storage at Trane Commercial. He is responsible for helping designers with thermal storage applications across North America. Mike volunteers with ASHRAE technical committees 6.8 (Geothermal Heat Pump & Energy Recovery) and 6.9 (Thermal Storage). Mike has a BSME from Clarkson University and an MBA from Indiana University. He holds a PE license in Colorado and is ASHRAE Certified as a High-Performance Building Design Professional.

He joins us having worked most recently as a Category Director for Newell Brands. Prior to that, Andrew held global platform management responsibilities for closed circuit cooling towers at Baltimore Air Coil. During his time at BAC, he led multi-generational product planning and strategy efforts, launched modular cooling tower offerings in North America and Europe all while navigating regulatory changes in Europe. Andrew also survived a year"s experience teaching Science in a local Middle School.

With Trane since 1982 Mick"s areas of expertise include system optimization (in which he holds patents) as well as design of chilled water systems, water source and geothermal heat pump systems and electrifying hydronic heating systems (with the goal of decarbonization). Prior to his work with Trane, Mick received his MSME from the University of Wisconsin Solar Energy Laboratory and BSME from Northwestern University.

Mick served as ASHRAE President 2021-22 and is also an ASHRAE Fellow, recipient of ASHRAE"s Exceptional Service, Distinguished Service, and Standards Achievement Awards. He was Chair of SSPC 90.1-2010, and the Advanced Energy Design Guide Steering Committee Chair. Mick has also served on multiple USGBC technical and education groups and chaired the LEED Technical Committee.