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San Francisco, CA



At this prestigious Ritz Carlton hotel, a landmark in San Francisco's upscale Nob Hill area, a UTC PureComfort™ 240M is providing combined cooling, heating and power (CCHP) to the facility. The configuration is a combination of four 60 kW Capstone MicroTurbines™ and a double-effect absorption chiller from Carrier Corporation, UTC Power's sister company. The chiller collects the microturbine's exhaust in a manifold and puts out 161 refrigeration tons (RT) of cooling at an ambient air temperature of 59 degrees. UTC Power also produces PureComfort™ 300M & 360M including five 60 kW, or six 60 kW respectively.

In accordance with the Ritz Carlton's Director of Engineering, purchasing the PureComfort system was the result of an ongoing plan to lower energy consumption at the hotel. The PureComfort™ 240M has a footprint approximately 22 feet long, 21 feet wide, and 16 feet high. The system is modular and uses the same chiller for the 240, 300, or 360 microturbine combinations.

