

Westinghouse Partners with Ellis & Watts HVAC Systems

Offering Mission Critical, Nuclear HVAC Solutions

The Westinghouse Parts Business has partnered with Ellis & Watts Global Industries to deliver advanced HVAC solutions that regulate ambient conditions and ensure a safe and stable environment for personnel and mission-critical equipment. Ellis & Watts, with over seven decades of specialized experience and a team of industry experts, is equipped to meet the rigorous demands of the nuclear sector. With a comprehensive portfolio of HVAC systems, controls and accessories, Ellis & Watts offers both off-the-shelf and fully customized solutions along with extensive nuclear experience and commitment to reliability and long-term service.

For over 73 years, Ellis & Watts has built a reputation for reliability and performance in critical environments, with equipment installed in over 70 operating power plants across the world. As the nuclear sector continues to evolve, Ellis & Watts remains committed to advancing HVAC technology by continuously refining its product offerings and engineering practices to meet the highest safety standards and the complex needs of the industry.

Ellis & Watts distinguish themselves through their ability to support the full lifecycle of HVAC systems in nuclear facilities, from the initial design and fabrication to maintenance and machine lifetime service. Engineers work closely with clients to ensure they are complying with evolving regulatory standards, while also addressing the challenges such as equipment obsolescence and integration with legacy systems. This approach helps to maintain and extend the life of critical infrastructure.

As a longstanding OEM and nuclear leader, the Westinghouse Parts Business is excited to expand our portfolio of products offered through the Westinghouse Parts Marketplace, certifying Ellis & Watts through the Westinghouse system.

Ellis & Watts[™]
GLOBAL INDUSTRIES, INC.



Ellis & Watts Global Industries

Located in Batavia, Ohio (USA), Ellis & Watts specializes in the design and manufacture of advanced HVAC and engineered systems for the global nuclear industry. With decades of proven performance, its solutions are developed, tested, and qualified to meet the rigorous safety and reliability standards of nuclear applications.

Innovation in Action: Proven Results

- **Vogtle 3 & 4 (USA):** Oversized blast doors, radiation shield doors, and control room HVAC system
- **Ascó & Almaraz (Spain):** Full HVAC replacements with ASME section III components
- **Darlington (Canada):** 44-unit A/C upgrade and tritium removal skid with OPG
- **SHINE Medical:** FOAK radioactive isotope skids (*NQA-1 compliant*)

Ellis & Watts: HVAC Product Lines & Capabilities

Ellis & Watts provides a broad selection of standard products and is distinguished by a strong capability to engineer custom solutions, supported by a team with deep industry expertise and technical excellence

- **HVAC and Environmental Systems:** Packaged A/C units, chillers, dehumidifiers, fan coils, air handlers and more.
- **Equipment Capabilities and Custom Solutions:** Ellis & Watts' HVAC portfolio spans from compact fan coils to 100+ ton oversized blast-rated doors and chillers, which can be tailored to meet exact customer specifications.
- **Digital Integration for Process Efficiency:** E&W integrates electronic expansion valves into digitally controlled HVAC systems to optimize refrigerant flow and improve energy efficiency.



HVAC Systems and Units



Heat Transfer Components



Shelters and Trailers

Solutions to Common Industry Challenges

- Ellis & Watts addresses HVAC reliability in nuclear and harsh environments by designing systems with blast resistance, radiation shielding, and seismic qualification, ensuring continuous operation in mission-critical and safety-related applications.
- Both digital controls and analog systems are available for cyber-secure and air gapped installations, alleviating many integration challenges.
- Systems have been designed to withstand multi-hazard conditions including hurricanes, fires, and pressure surges.
- Ellis & Watts's systems are supported by full lifecycle reliability including OEM parts, global service, and on-site commissioning and training.

For additional information regarding product specifications and additional details about nuclear HVAC solutions, please visit the Ellis & Watts website and the WPB Parts Marketplace:

<https://info.westinghousenuclear.com/westinghouse-parts-business>