

Factory Visit

Zero Technologies Deliver Premium HVAC Solutions to the World

Founded in 2013, Zero Technologies has experienced rapid growth and has attracted significant attention in the heating, ventilation, and air conditioning (HVAC) sector.

To learn more, JARN visited the company's factory located in Hengshui, Hebei Province, China, which spans an area of 25,000 m² and offers a comprehensive product lineup including rooftops, variable refrigerant flow (VRF) systems, packaged air conditioners (PACs), chillers, and terminal devices.



Zero Technologies' factory spanning an area 25,000 m² in Hebei, China

Upon entering the production workshop, the first area visible is the assembly line, where workers precisely prepare components. Nearby, in the pipe welding area, technicians equipped with professional safety

gear focus on precision welding. In the pressure testing and leak inspection area, multiple units are connected to advanced pressure gauges, with technicians recording and analyzing data in real time. Downstream sections such as system piping pre-assembly, heat exchanger installation, and vacuum and refrigerant charging are organized and orderly.

Zero Technologies has independently developed a range of rooftops, from mini residential models to large-scale commercial and industrial models. Their cooling capacities range from 3 to 150 RT, and power specifications support both 50 and 60 Hz to meet the needs of global markets. Zero's products are designed to operate reliably in extreme climates, from frigid regions such as North America and Northern Europe to hot regions such as the Middle East and Africa. Their applications range from household comfort to professional industrial temperature and humidity control. The product range includes standard compact units for daily residential needs as well as commercial and industrial

systems tailored to specific requirements. This broad and deep product coverage enables Zero Technologies to provide a seamless, one-stop service to customers worldwide.

In the production area, workers manufacture rooftop units for several international brands. From exterior design to core performance parameters, everything adheres strictly to customer specifications.

A production manager explained, "We provide a complete service system and final delivery. For example, this line is currently producing specialized rooftops that meet UL standards, for a U.S. client. Our team independently handles structural design, material selection, and performance testing. We have strong capabilities in international project coordination, engineering design, and manufacturing."

The electrical safety testing zone is equipped with advanced instruments, with monitors displaying real-time performance data. "We conduct tests based on technical standards from various countries and regions to ensure our products meet the stringent electrical safety requirements of more than 130 global markets," a test engineer highlighted.



Zero Technologies' production site

The factory includes several nationally certified laboratories. Pointing to a wall of over 100 international certifications and patents, the lab director added, "Our research and development (R&D) team of more than 70 professionals focuses on performance optimization and customized development, such as this chiller specifically designed for tropical climates."

Since its founding in 2013, Zero Technologies has successfully supported over a thousand overseas projects through continuous technological innovation, strict quality control, flexible global strategy, and deep customer service. Notable projects include car factories in the United Arab Emirates (AE), resorts in Egypt, shopping malls in Panama, Khwaja Yunus Ali Medical College & Hospital in Bangladesh, and luxury residential areas in Houston, the United States.