

Hanon Systems prioritizes sustainable EV solutions for winter comfort and performance

20-Feb-2024 08:58 GMT

IHS Markit

S&P Global

Supply Chain and Technology, Automotive

The company focuses on thermal EV solutions utilizing natural refrigerants to meet future industry standards

Hanon Systems, a leading global automotive thermal management supplier, reaffirms its commitment to building a clean energy future through innovative electric vehicle solutions, such as heat pump systems and components. The company addresses concerns about EV driving range in winter conditions, which are critical for occupant comfort, and battery and power electronics performance, a PRNewswire release said Feb. 19.



Source: Getty Images/Igor Nelson

The company said its heat pump solutions have been shown to outperform competitors in internal testing, with faster warm-up times and lower power consumption. The company has an extensive heat pump product offering, a robust patent portfolio and multiple technology awards spanning over two decades. Hanon Systems has been working with global automakers since the early 2000s and has introduced industry-first solutions into serial production, including an 800V electric compressor and components designed for R744, an environmentally friendly alternative to traditional refrigerants.

The company is actively engaged in developing thermal EV solutions that use natural refrigerants to meet market needs, as future legislation is expected to continue shaping the industry.

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