**Gentherm’s ClimateSense® Technology to Launch on the 2024 Cadillac CELESTIQ**

Gentherm 捷温科技ClimateSense®技术将在2024年凯迪拉克CELESTIQ上推出

NORTHVILLE, Mich., October 18, 2022 (GLOBE NEWSWIRE) -- Gentherm (NASDAQ: THRM), the global market leader of innovative thermal management and pneumatic comfort technologies for the automotive industry, today announced that it has been selected by Cadillac to supply ClimateSense® on the 2024 Cadillac CELESTIQ.

密歇根州诺斯维尔市，2022年10月18日 (全球新闻通讯社)—全球汽车行业创新热管理和气动舒适技术的市场引领者Gentherm 捷温科技 (纳斯达克代码:THRM)今日宣布，凯迪拉克选定Gentherm为2024年凯迪拉克CELESTIQ提供ClimateSense®系统。

CELESTIQ will be the first to market vehicle to feature a Gentherm ClimateSense® four-zone microclimate system as standard equipment. The system features 33 unique microclimate devices that allow each occupant to personalize their desired level of seat heating and cooling while working in conjunction with advanced airflow technologies to create truly individualized comfort.

CELESTIQ将是首个应用Gentherm ClimateSense®四区微气候系统作为标准配置的量产车辆。该系统配备了33个独特的微气候装置，可同时满足每个驾乘人员根据自己的喜好调节座椅的加热和制冷设置。系统同时配合最先进的气流技术，创造真正个性化的舒适座舱。

All four-seating positions and the steering wheel will feature the same level of individualized comfort, including a neck scarf, heated armrests as well as heated, cooled and ventilated seats.The system’s advanced sensors allow for rapid and efficient heating and cooling, allowing occupants to reach comfort minutes faster than current systems available on the market, while preserving electrical energy and increasing driving range.

四个座位的位置和方向盘将具有相同的个性化舒适度，包括暖风围脖、加热扶手以及加热、主动制冷和通风座椅。ClimateSense®系统的先进传感器可以快速有效地加热和冷却，使驾乘人员更快地达到热舒适，这是市场上现有技术无法企及的。ClimateSense®系统同时兼顾电能节省、增加续航里程。

“We are honored that the Cadillac CELESTIQ will feature the industry’s first deployment of our ClimateSense system that offers advanced cabin climate technologies, electronics and software algorithms that help deliver luxurious, efficient and personalized comfort for every occupant,” said Phil Eyler, Gentherm’s President and CEO. “The ClimateSense system on the CELESTIQ marks a turning point in how automakers can view cabin comfort by providing rapid and efficient heating and cooling to the occupant while maximizing energy efficiency and optimizing driving range and comfort.”

Gentherm总裁兼首席执行官Phil Eyler表示：“我们很荣幸，凯迪拉克CELESTIQ将是业界首个搭载ClimateSense®系统的车型，为每位驾乘人员带来奢华、高效和智能个性化的舒适体验。该系统集先进的座舱气候控制技术、电子设备及嵌入式软件于一体。”

“CELESTIQ上的ClimateSense®系统将成为一个标志性的转折点，汽车制造商不仅可以为驾乘人员提供快速高效的加热和制冷，同时最大限度地提高能源效率，提升车辆续航里程。”

Gentherm’s ClimateSense technology seamlessly integrates into the existing vehicle architecture, utilizing localized convective and conductive heating and cooling solutions, to create personalized comfort while significantly reducing HVAC energy consumption. Published studies show the technology can deliver [between 50 to 69 percent energy savings](https://www.globenewswire.com/Tracker?data=61A7C--Uv5CYf3a86SJcrVIKezMAbmEgT-iUbFWA4UEL0lu_S7ZLx4MHqAIZiuT2BeOFzaNX8MX5NzbjotPqs_VKwIh2jLFYVPciRUz9DbS1QPX8FowZeD0WHp-KGatYeeH91X-LwZcJIeCfQ5YnI8-zywaHxR9JmUJdqZgh-WWp39MBH2fYwwnf0yTiuTnSrVH4zaBuwBRm5YfIMb2Eeao83LhcmIvNfZI4__O_rta93tr1XctVkoHYwyMvX_MK) in cold-weather testing and 34 percent energy savings in hot weather testing, when compared to only using the existing central HVAC system.

Gentherm ClimateSense®系统可与现有车辆架构无缝集成，利用局部对流和传导方式实现加热和冷却功能，创造智能个性化的舒适体验的同时显著降低空调（HVAC）带来的能源消耗。已公布的研究测试表明，与仅使用现有的中央暖通空调系统相比，该技术在寒冷天气测试中可节省50%至69%的能源消耗，在炎热天气测试中可以节省34%的能源消耗。

**About Gentherm**   
Gentherm (NASDAQ:THRM) is the global market leader of innovative thermal management and pneumatic comfort technologies for the automotive industry. Automotive products include variable temperature Climate Control Seats, heated automotive interior systems (including heated seats, steering wheels, armrests and other components), battery performance solutions, cable systems, lumbar and massage comfort solutions, valve system technologies, and other electronic devices. Medical products include patient temperature management systems. The Company is also developing a number of new technologies and products that will help enable improvements to existing products and to create new product applications for existing and new markets. Gentherm has more than 13,000 employees in facilities in the United States, Germany, China, Czech Republic, Hungary, Japan, Malta, Mexico, North Macedonia, South Korea, United Kingdom, Ukraine, and Vietnam. For more information, go to [www.gentherm.com](https://www.globenewswire.com/Tracker?data=tRV3dsxfdAQGTV0dDXq7jiEuiCEEjqjrt8CBiDgYwXfcvLCFfkkowjMD7V1KYLWHkoq8Yivnp5pXPh1e25Trqw==).

Gentherm(纳斯达克代码:THRM)是全球汽车行业创新热管理和气动舒适技术的市场引领者。汽车产品包括气候控制座椅、可加热汽车内饰系统 (包括加热座椅、方向盘、扶手等部件)、电池性能解决方案、线束系统、腰托和按摩舒适解决方案、阀门系统技术及电子器件等。医疗产品包括患者体温管理系统。Gentherm正向大量新技术、新产品进军，力求改进现有产品、为原有市场和新兴市场创造新产品和应用程序。Gentherm工厂遍布美国、德国、中国、捷克共和国、匈牙利、日本、马耳他、墨西哥、北马其顿、韩国、英国、乌克兰和越南， 全球拥有超过13000名员工。欲了解更多信息，请访问[www.gentherm.cn](http://www.gentherm.cn).