



FOR IMMEDIATE RELEASE

Pfannenberg Combines Free and Active Cooling in DHS Hybrid Series

Maximize Cooling While Minimizing Energy Use and Reducing Carbon Emissions

Lancaster, NY – [Pfannenberg, Inc.](https://www.pfannenbergusa.com/), a leading global manufacturer of thermal management and signaling technologies, proudly announces the [DHS Hybrid Series \(DHS 34X1\)](#). By combining free cooling with active cooling, this closed-loop system safeguards critical electronics within an enclosure while lowering energy consumption, cutting costs, and reducing carbon emissions.



“The DHS-Series combines the best of free cooling and active cooling to radically impact an end-user's energy consumption and carbon emissions while cooling their critical electronics,” says James Wong, Pfannenberg’s Director of Global NEMA Product Management.

The DHS-Series achieves its optimal efficiency by combining free cooling with active cooling. Free cooling is a technology that minimizes energy use by using the cooler air outside the enclosure to remove heat from inside the enclosure. Active cooling utilizes a compressor and refrigerant cycle to cool the air in the enclosure when it exceeds the desired temperature of the enclosure. This combination optimizes the efficiency of the cooling unit thereby reducing energy usage. This dual system also provides redundancy in a single unit to avoid downtime, fits all full-sized enclosures, and also features an easy to read status display.

The DHS-Series is offered in indoors (Type 12), outdoors (Type 3R/4), and in washdown (Type 4X) configuration. The product proves ideal for locations with lower ambient temperatures, climate controlled facilities, and operations that periodically run at partial capacity. This can include everything from automotive manufacturing and warehouse automation to outdoor facilities and food and beverage manufacturing.

The DHS-Series meets high standards for electrical safety, being certified to the UL 60335 standard. Additionally, the hybrid cooler is pre-gasketed to make installation even easier. The product has also been designed to meet upcoming environmental regulations governing the use of the R-513A refrigerant.

To learn more, visit https://www.pfannenbergusa.com/?page_id=19336892&preview=true.

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About Pfannenberg

Pfannenberg, Inc. is recognized as a leading global manufacturer of Thermal Management, Liquid Cooling and Signaling Technologies. In 1958 we invented the Filterfan®, which continues to be recognized worldwide as a leading product to help manage the temperature in electrical enclosures. Our business philosophy: Protecting People, Machines, and the Environment.