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## Munters launches new cooling technology

**Munters is launching a new cooling technology to the world of data centers. SyCool ITC offers data center owners and operators an energy efficient indirect cooling solution without the need for water.**

Munters Group, a global leader in energy-efficient air treatment and climate solutions, announces today the launch of an exciting new cooling technology into the Data Centre industry. SyCool® ITC, Indirect Thermosiphon Cooling, provides an efficient cooling solution for new and existing data centers where access to a suitable water supply may be limited, expensive or unreliable.

Designed specifically for data centers and driven by industry demand, SyCool ITC (patent pending) uses the waste heat from the data center and a combination of gravity and a syphon effect, to drive a refrigeration cycle capable of operating without pumps or compressors, providing remarkable levels of energy efficiency. Initially launched as a packaged Air Handling Unit (AHU) system, subsequent versions of SyCool will include "Split Systems", such as above-aisle modules and perimeter CRAH units, providing scalable cooling for new build and retrofit applications. SyCool ITC eliminates the potential risk of contamination from air pollutants, as there is no outside air gaining access to the data hall.

The packaged AHU version of SyCool has been designed such that the units may be installed side-by-side with no space between, with all service access from the ends. Positioning an uninterrupted bank of packaged SyCool units along the perimeter of a data hall will provide class-leading levels of cooling output per linear meter of outside wall.

With a nominal capacity of 250kW, the P250 packaged system will be the first pump-free system to market, offering a best-in-class dry cooling solution and boasting features such as HFO refrigerant-ready; oil-free, low pressure thermosiphon circuits; no moving parts; zero water consumption and significant energy savings compared to the most efficient pumped refrigerant systems currently available on the market.

*"Adding the SyCool ITC cooling solution to Munters' portfolio, enables us to offer the industry a water-free indirect cooling system that remains true to the Munters ethos of sustainability. Having led a technology-shift in the data center market some years ago with our launch of Oasis Indirect Evaporative Cooling, we are proud to build on our heritage as the industry innovators, with today's launch of yet another game-changing cooling solution" says Neil Yule President Business Area Data Centers.*

<https://www.munters.com/en/campaigns/data-centers/sycool-itc/>



**For more information:**

Anna Beausang, VP Group Communications

Phone: +46 8 626 63 60

John Womack, Investor Relations

Phone: +46 706 782499

**About Munters Group**

Munters is a global leader in energy efficient air treatment and climate solutions. Using innovative technologies, Munters creates the perfect climate for customers in a wide range of industries, the largest being the food, pharmaceutical and data center sectors. Munters has been defining the future of air treatment since 1955. Today, around 3,800 employees carry out manufacturing and sales in more than 30 countries. Munters reports annual net sales in the region of SEK 7 billion and is listed on Nasdaq Stockholm. For more information, please visit [www.munters.com](http://www.munters.com)