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## **Camfil and CTT Systems partner to incorporate Ozone and VOC filtration in humidifiers for flight deck, crew rest and cabin**

09th October 2020, Stockholm, Sweden

Camfil, a leading manufacturer of premium clean air solutions, today announces a Memorandum of Understanding (MOU) with CTT SYSTEMS AB (“CTT”), the market leader of aircraft humidity control system, to enter a partnership that opts to adapt Camfil’s air filtration technology for aircraft and the aviation industry, primarily to be incorporated in CTT’s humidifier

products.

The cooperation aims to explore innovative air filter applications that improve air quality in the aircraft cabin, where Camfil expertise and leading-edge, air filtration solutions can be applied in cooperation with CTT's knowledge and footprint in the aviation industry. Primarily, CTT opts to incorporate air filtration in its humidifier products, to further improve air quality for pilots, crew, and passengers. Hereby, CTT can complement existing clean air solutions without adding additional maintenance or overhaul for airlines. The initial objective is to reduce Ozone and/or Volatile Organic Compounds (VOCs). By integrating filter technology in the pad module that is aligned with the service interval of the pad material, airlines can rip-and-replace the entire pad module. CTT has a large installed population of humidifiers in the flight deck and crew rests, primarily on Boeing 787 and Airbus A350 aircraft. The pad-filters will be completely interchangeable with the current product line of humidifiers/pads.

“We look forward to work with CTT to develop filters that can add additional value to CTT's customers and further improve air quality in aircraft. We will work very closely with CTT to develop tailor-made filters certified for use in aircraft with very specific, high performance filtration and low pressure drop.”, says Mark Simmons CEO at Camfil.

“The premium-air-pad will be developed for our humidifiers in flight deck, crew rest and passenger cabin on Boeing 777X and Airbus A350, as well as for crew rests on the 787, improving air quality without adding extra service or maintenance. Airlines can initially select Ozone and VOC reduction,” comments Torbjörn Johansson CEO at CTT Systems.

### **About humidity in aircraft**

Without an efficient humidification system, the cabin air is far more dehydrating than any place on Earth - below 5 % RH. Humidifier Onboard flight deck, crew rest or Business class generates a striking humidity increase, restored to comfort and wellbeing level, to approx. 20 percent Relative Humidity (RH). Passengers and crew will on long-haul flights benefit from reduced dry air related problems (e.g. fatigue, jet-lag, red eyes, dry skin, spread of virus diseases) and improved wellbeing and sleep. The CTT humidifier is based on evaporative cooling technology and uses a method that effectively precludes the transfer of bacteria.

## About Camfil Group

For more than half a century, Camfil has been helping people breathe cleaner air. Camfil provides commercial and industrial systems for air filtration and air pollution control that improve worker and equipment productivity, minimize energy use, and benefit human health and the environment. We firmly believe that the best solutions for our customers are the best solutions for our planet, too. That's why every step of the way – from design to delivery and across the product life cycle – we consider the impact of what we do on people and on the world around us. The Camfil Group is headquartered in Stockholm, Sweden, and has 30 manufacturing sites, six R&D centres, local sales offices in 30 countries, and 4,800 employees and growing. We proudly serve and support customers in a wide variety of industries and in communities across the world. To discover how Camfil can help you to protect people, processes and the environment, visit us at [www.camfil.com](http://www.camfil.com)

## About CTT SYSTEMS

CTT Systems is the market-leading provider of humidity control products in aircraft, including Moisture Control Systems to prevent fuselage condensation and inflight humidifiers – Humidifier On-board - for crew and passenger well-being. All products are available for retrofit installations and line-fit on Airbus A380, A350, Boeing 787, and 777X. The crew humidifier is standard equipment in a crew rest compartment on Boeing 787 and standalone option in the crew rest compartment on A380, A350XWB, and B777X. The flight deck humidifier is SFE listed on Airbus A350XWB, Boeing 787, and Boeing 777X. Inflight Humidification (IFH) – Humidifier On-board - is SFE listed for First/Business Class on A350XWB (Zone 1-3) and Boeing 777X (Zone 1 and 2). The Anti-Fuselage-Condensation system is SFE listed on A350 and is SFE-selected for the A320 Family. Also visit: [www.ctt.se](http://www.ctt.se)

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world around us. Through a fresh approach to problem-solving, innovative design, precise process control and a strong customer focus we aim to conserve more, use less and find better ways – so we can all breathe easier.

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