

CTT Systems highlights cabin humidity as key to passenger comfort

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The CTT Humidifier Onboard increases cabin humidity, supporting hydration, improving sleep quality and enhancing sensory details, from taste to touch

In the world of premium seating and next-generation IFEC, comfort is a key performance factor and cabin climate is the game-changer. [CTT Systems](#) is leading the way with its Humidifier Onboard, a technology that redefines the air passenger experience by restoring optimal humidity levels in premium cabins.

“You can have the best seats and the most advanced inflight entertainment,” says Ola Häggfeldt, Chief Commercial Officer at CTT Systems. “But if the cabin air dehydrates you like a desert wind, the experience will always fall short. Our job is to fix that.”

Comfort takes the front seat



Ola Häggfeldt, Chief Commercial Officer, CTT Systems

At cruising altitude, cabin air is drier than the Sahara—often just three to five percent relative humidity. This causes dry eyes, irritated skin and fatigue. But it does not have to. The CTT Humidifier Onboard increase cabin humidity to 20 to 23 percent, supporting hydration, improving sleep quality and enhancing sensory details, from taste to touch.

The Humidifier Onboard solution adds humidity to the cabin to elevate the passenger experience by maintaining the body's natural moisture balance and preventing rapid degeneration of the immune system. It can be line-fit and retrofit and is available for 787, 777, 777x, A350 and A380 aircraft types.

Modern seating and IFE systems deliver connectivity, immersion and style, but CTT Systems considers cabin humidity the missing link in luxury. It is what enables passengers to fully enjoy the experience. Rested passengers are more receptive, alert and more satisfied, Häggfeldt explains.

"Humidity is the silent hero of the premium passenger experience," he says, reiterating that it supports better sleep, reduces jet lag and boosts wellbeing. "Our technology lets airlines deliver not just a flight, but a restorative, enjoyable journey."

Häggfeldt cautions that it is time for airlines to think beyond the seat cushion and the screen.

"A premium experience starts with how you feel—refreshed, focused and ready to perform. That is the power of climate comfort. That is the difference CTT Systems delivers," he says.