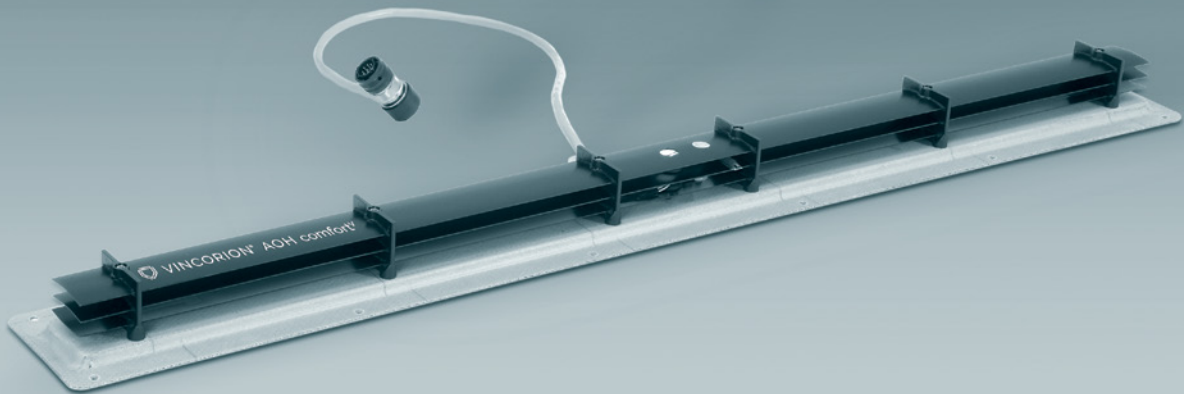




# VINCORION®



QUALITY. **PROVEN.**



## UPGRADING YOUR PASSENGERS' COMFORT WITH OUR RELIABLE AIR OUTLET HEATER: AOH COMFORT<sup>V</sup>

**The cutting-edge solution for maintaining consistent cabin temperatures.**

When an aircraft has taken off and is airborne, it is subject to rapid changes in air pressure and fluctuations in temperature, which can have adverse effects on a whole range of systems the aircraft depends upon. Thus, it is crucial to know that every section of the cabin is maintained at just the right respective temperature and that perfect compensation of local heat load variations is needed. The well-being of passengers is right at the top of the list of priorities for airlines, so reliable control

of the heating is absolutely essential. This is where our technology comes in. At VINCORION, thanks to our intelligent technology backed up by a long tradition of meeting and surpassing the requirements of our customers, we have developed very high-performance air outlet heaters that silently do their job in the background all by themselves – so that consistent, uniform heating is the last thing on anybody's mind. Our smart technology guarantees ideal compensation of local heat load variations on all sizes of aircraft.

# AOH COMFORT<sup>V</sup> GUARANTEE CONSISTENT, UNVARYING HEATING EVERYWHERE.

## PERFECT HEAT DISTRIBUTION FOR MAXIMUM PASSENGER COMFORT.

With a nominal heating power of 200 W or 300 W, AOH comfort<sup>V</sup> can be integrated in different air outlets to compensate for local heat load variations in the aircraft cabin, which produces the ideal temperature for any section of the aircraft. This provides total comfort for both passengers and crew. And the air heater has a built-in temperature sensor that can be controlled via a heating control unit or any other similar controller device. Another advantage of the AOH comfort<sup>V</sup> is that the heating power can be adjusted between 0 and 100 percent by using a pulse-width modulation (PWM) pattern, thus the ideal temperature is achieved and energy is also saved.

## JUST A FEW OF THE AOH COMFORT<sup>V</sup> BENEFITS:

- **High reliability and availability, long service life, and reduced life cycle cost:** The technology, etched metal foil that is sandwiched between aluminum sheets, does not require any maintenance, so it's simply plug and play and the units manage the rest.
- **High passenger comfort:** Thanks to the built-in temperature sensor, every passenger and crew member will be perfectly comfortable.
- **Usable for different air outlets, easy to integrate:** Due to the compact design, the heaters easily fit into various cabin designs.
- **Flexible adjustment to specific customer needs:** The scalable design means the heaters can be adapted to every need and requirement.
- **Meet aviation low-weight requirements:** The AOH comfort<sup>V</sup> have been engineered to comply with and surpass all aviation requirements in terms of weight.



AOH comfort<sup>V</sup> 200 W



AOH comfort<sup>V</sup> 300 W

### Technical specifications

Weight	up to 0.5 kg
Heating power of associated heater	200 W or 300 W
Power supply	115 V AC (360-800 Hz), single phase

Other specifications and options are available on request.



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