ACC125

EcoCool Temperature & Humidity Control Unit

Cooling Innovation without the complication

This free-standing, air-circulating chiller/dehumidifier unit uses a secondary cooling medium instead of traditional refrigerant systems, eliminating the need to comply with complex F-Gas regulations.

Air is drawn from the main chamber, chilled and dehumidified, then returned via insulated inlet piping. This process lowers the achievable minimum operating temperature and humidity within the chamber, providing superior temperature and humidity control in a more cost-effective way.

As heat is removed from the chamber, it is released into the surrounding room, so ambient temperature control is essential. Room conditions should be maintained between 18 °C and 23 °C, with a maximum relative humidity of 85%.

- **Compact Design:** Save valuable lab space.
- **No Refrigerant Gases:** Easy setup – no F-Gas compliance, no certified gas engineers needed.
- **Hassle-Free Installation:** No special tools or third-party contractors.
- **F-GAS Regulatory Simplicity:** Ideal for EU shipping and installation.
- **Superior Control:** Enhanced precision control and user interface.
- **Cost-Efficient:** A fraction of the price of traditional FGAS or CO2 Cooling systems.

Fully compliant with leading corrosion test standards:

• IEC 60068-2-52	• FORD CETP00.00-L-467
• ISO11997-1-Cycle B & D	• ISO 16701
• Volvo STD 423-0014	• Volvo VCS 1027,1449 ACT-2
• VW PV 1210	• Volvo STD 1027,1375
• Volvo STD 1027,1449/149	• AA-0224 (AA-P 175)
• Scania STD 4319	• VDA 621-415
• VDA 621-421 (Constant Climate)	• MIL 810H
• GMW14872	• TPJLR.52.265
• Volvo VCS 1027,149 ACT-1	• AA-0224 (AA-P 175)
• Toyota TSH1555G	• Volvo STD 423-0069
• Scania STD 4445	• GM9540P
• Volvo STD 4233	• Fiat 50493

...plus many more.

The ACC125 EcoCool Temperature & Humidity Control Unit is available immediately as an accessory for our Cyclic range of chambers, and is also available on our Atmosfar range of chambers – contact us for more information.

ecocool by ascott

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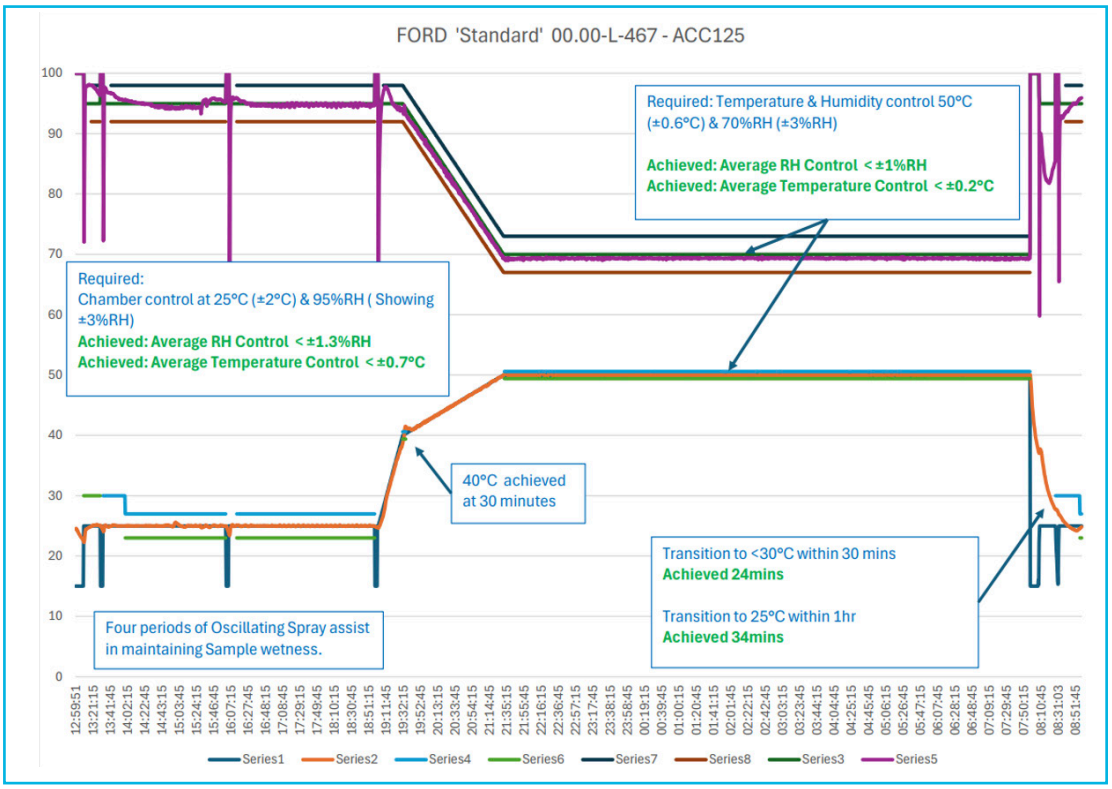
ascott
Corrosion Test Chambers

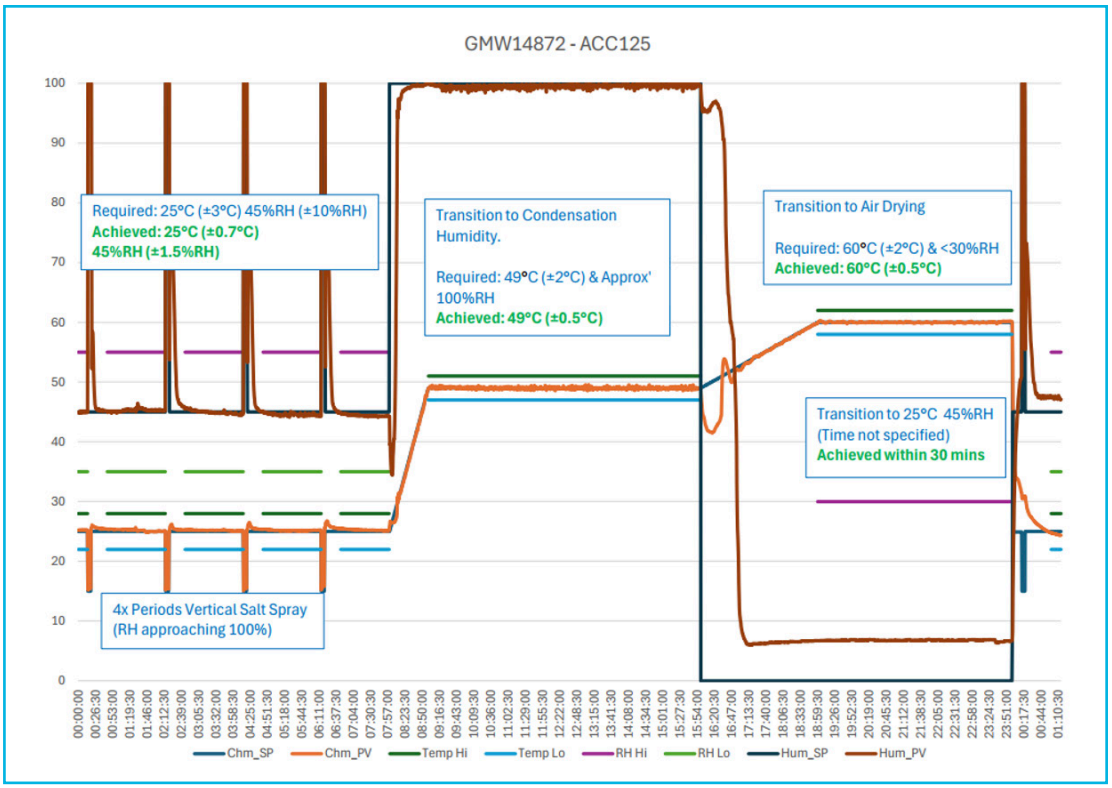
Testing climate resistance to the limit

ACC125

Example of superior control for FORD CETP 00.00-L-467



Example of superior control for GMW14872



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