

C46431-1/-3 ECS manual control cold limit clamp

Avoid damage caused by cold temperatures – This certified cold clamp limit STC introduces a circuit that detects an impending low-temperature condition that could potentially cause the air entering the cabin to fall below freezing and allow frost to collect in the condenser, blocking airflow or causing damage to the ACM unit. The STC kit circuit disables additional manual control selection and automatically applies a gradual warmer command to the temperature control system to bring cabin air supply temperatures back up above freezing.



SPECIFICATIONS

Applicability	Manpower	Kit contents	Weight	Certification	Delivery
DHC-8-100/-200/-300	Approximately 24 man-hours, not including access and closeout	<ul style="list-style-type: none"> > Cold clamp relay bracket > Temperature switch(s) > Mounting kit > Wiring kit > Maintenance manual supplement > Illustrated parts catalogue supplement 	Approximately 2 lbs. increase	<ul style="list-style-type: none"> > Transport Canada: SA00-109 > EASA: EASA.IM.A.S.03022 > FAA: ST01297NY > Japan: STC-46-HQT > Angola: Letter of Acceptance 	F.O.B. Winnipeg, Canada

FEATURES & BENEFITS

- > Enhances temperature control in Manual Mode
- > Reduces possibility of ice build up in the system
- > Reduces potential damage to ACM

KIT OPTIONS

- > C46431-1 Installation kit series (-100/-200)
- > C46431-3 Installation kit series (-300)

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