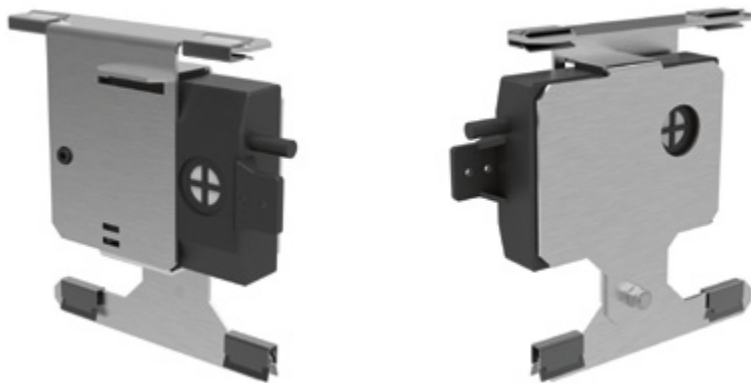




AdvanTech Fresh Air Control

For improved indoor air quality



Description

Thermo King offers AdvanTech options that enhance end-user experience as well as create differentiation in terms of industry trends and comfort. These solutions have been developed to address passenger needs for improved air quality and noise reduction.

Features

- Controls fresh air damper based on air quality measurement
- Delivers just as much fresh air as needed
- Compensate for fresh air intake through door openings
- Extends air filter maintenance period
- Decreases fuel consumption

APPLICATION POTENTIAL				
VEHICLE USE	OCCUPANCY	FRESH AIR SUPPLY	OPENING OF DOORS	RECOMMENDATION
City	Usually very densely occupied space	✓ Present ✗ Absent	Very frequent	✓
Suburban	Large variations	Often installed	Occasional	✓
Intercity	Large variations	Very often installed	Rare	✓
Interstate	Small variations ✓ Low occupancy ✗ High occupancy	Very often installed	Very rare	✓

✓ Highly recommended (large energy saving potential)
✗ Not recommended

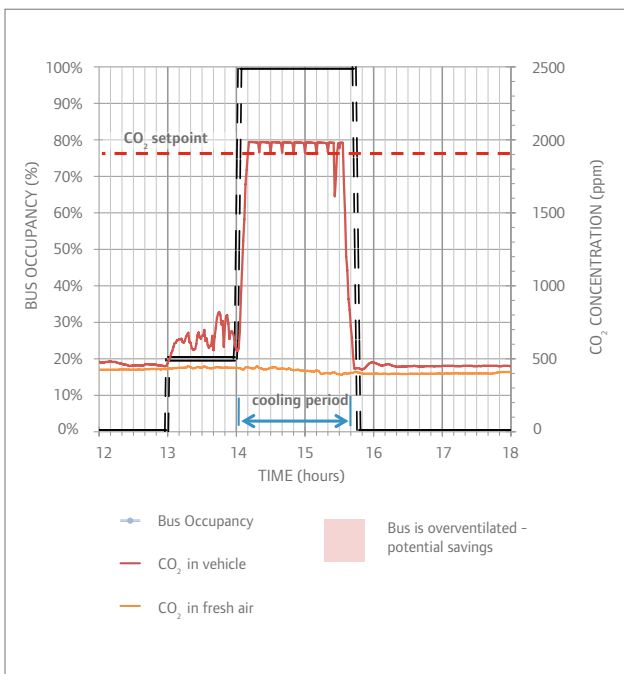


AdvanTech, an innovative HVAC solution for buses. Customers should look out for units that include AdvanTech, Thermo King's latest technology for HVAC buses. AdvanTech reduces the total cost of ownership by limiting downtime and allowing control over the balance of comfort and the costs associated with operation. AdvanTech units are Thermo King's most energy efficient units for the capacity they deliver, which results in a dramatic reduction in fuel consumption. It is this fuel efficiency, which makes for a substantially reduced impact on the environment, which has earned AdvanTech units their green leaf logo.

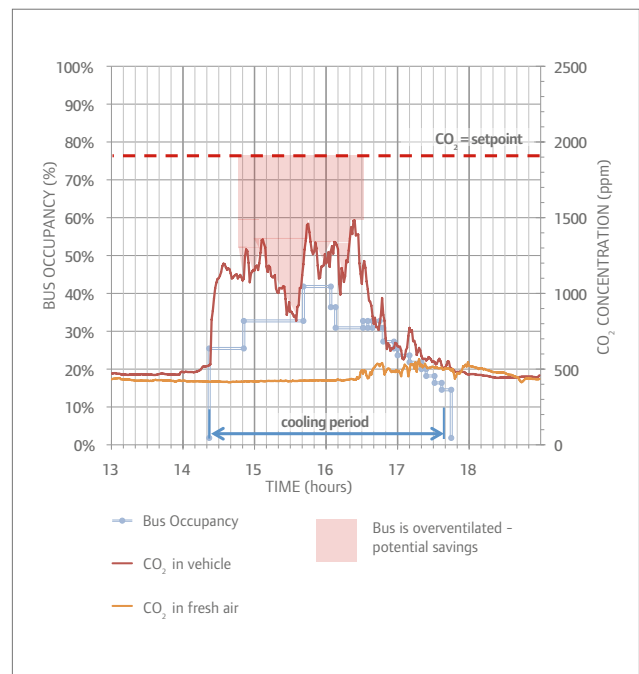
AdvanTech Fresh Air Control

Technical data

SPECIFICATIONS	
Air quality power requirements	24 VAC/VDC \pm 20%, 50 Hz
Power consumption	< 1 W
Weight	0.2 kg
Controller	CANAIRE®
Ingress protection	IP50
EMC compliance	EMC directive 89/336/EEC. RoHS directive 2002/95/EG
Sensor life expectancy	>15 years
Maintenance	Not required



CO₂ concentration in suburban bus without AdvanTech Fresh Air Control installed
Fully occupied bus= no impact



CO₂ concentration in suburban bus without AdvanTech Fresh Air Control installed
Partially occupied bus= application potential



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