



ELECTRIFIED REMOTE A/C CONDENSER

INCREASES FUEL EFFICIENCY & IMPROVES PERFORMANCE



ELECTRIFIED REMOTE A/C CONDENSER



INTEGRATED PRIMARY A/C CONDENSER DAY CAB



PRODUCT BENEFITS:

- Quieter Driving Experience
- Reduces Maintenance Cost
- Superb Cooling Performance
- Fits Most OTR Makes / Models
- Increases Vehicle Fuel Efficiency
- Reduces Mechanical Engine Load
- Zero Maintenance Brushless DC Fans
- Increases Life of AC Compressor & Mechanical Fan Clutch

IMPROVES FUEL ECONOMY



According to Jeff Byrne, Walmart's Senior Director Fleet Purchasing & Maintenance Fleet Services, "at Walmart, we are always looking for opportunities to reduce operational costs in a safe way, while improving the overall performance of our fleet. We believe our collaboration with EMP on the advanced remote mount AC Condenser will help us achieve that goal."



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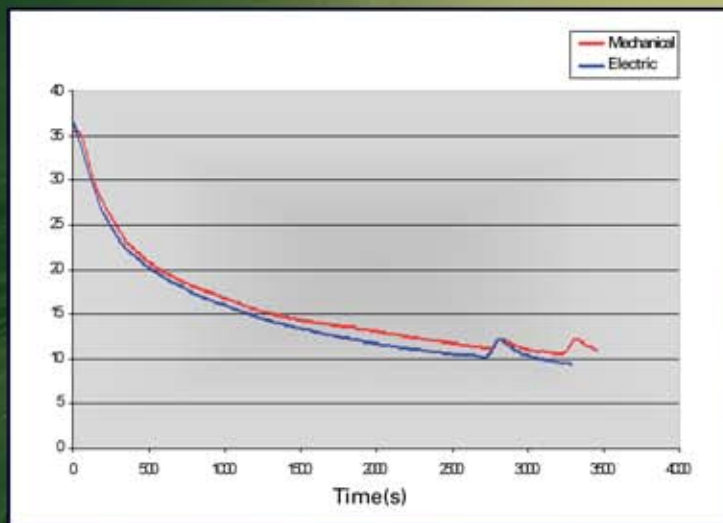
DAY CAB / SLEEPER CAB COMPARISON

Rev. 8/14

	DAY CAB	SLEEPER CAB
Cooling Capacity	8.0 kW	14.5 kW
Fan	11" EMP Brushless Puller	15" EMP Brushless Puller
Voltage	14 VDC	14 VDC
Current	30 A (Max)	50A (Max)
Condenser	Proprietary Single Core Design	Proprietary Dual Core Design
Refrigerant	134a	134a
Dimensions	28" x 25" x 12"	28" x 25" x 12"
Weight	40 lbs.	60 lbs.
Operating Temperature	-30° C to +60° C	-30° C to +60° C

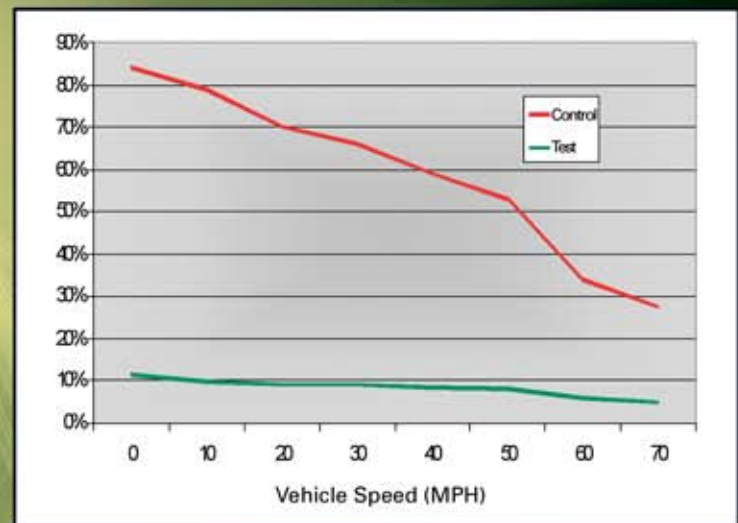
AC PULL DOWN TEST

Average Cab Temp Vs. Time



MECHANICAL FAN RUN TIME

Standard Truck vs. Remote AC



PRELIMINARY FUEL ECONOMY TEST RESULTS

IDLE

71% Reduction in Fan Time
6% Reduction in Fuel Consumption

DRIVING

23% Reduction in Fan Run Time
2% Reduction in Fuel Consumption

INTANGIBLES

Quieter Driving Experience
Superb Cooling Performance
Extended Fan Clutch Life
Extended AC Compressor Life

