OMEGA HEAVY DUTY

NO IDLE 12VDC
TRUCK A/C SYSTEMS

Arctic Breeze 12-volt system draws 45 amp/hour while cooling at 8500 BTU/hour.

Reusable - Can Move to Next Truck

Supported - North American Support

Repairable - Parts Commonly Available

- Environmentally friendly with no engine power required
- Save thousands annually while reducing engine hours
- Lower power consumption and maintenance

HA-12VDC -ECO

Coming soon with digital controls

Contact us for available options!

EVAPORATOR UNIT

The evaporator can be mounted on a shelf, or in a storage compartment. It incorporates a high powered, efficient blower to provide more air.

BACKWALL UNIT

The condenser/compressor box is made of 1/8" aluminum and can be mounted directly behind the cab. It features removable cover for easy access to all components. The condenser utilizes a 12" power fan to better dissipate the heat.

TECHNICAL SPECIFICATIONS

Refrigerant	R-134a
Power	12 volt
Power Usage (max)	50 amps
Power Usage (avg)	29 amps
Cooling Output	8500 BTU/h
Weight	100 lbs
Minimum Alternator	180 amp
Airflow	442 CFM
Backwall Space Required	25W x 27H x 8.5D
Evaporator Space Required	19.5W x 6H x 10.5D

The Arctic Breeze Eco-System comes with a 2-year warranty.

REQUIRED COMPONENTS

- **Alternator:** For maximum performance of the Arctic Breeze unit, a 240 amp alternator with remote sense (40SI) is recommended. This option provides faster battery recovery time, stability, and maximum life out of the batteries.
- **Electric Cable:** When the alternator is upgraded, the electrical cable running from the alternator to the starter needs to be upgraded as well, from the standard 2-guage to a 2/O cable.
- **Battery:** Offered with a 460Ah LiFePO4 battery. Complete with DC-DC charger/inverter and solar or shore power input.

ARCTIC BREEZE TRUCK AC™
BY HAMMOND AIR CONDITIONING LTD.

SCAN TO ESTIMATE YOUR SAVINGS!

omegahd.com 1-833-HDOMEGA sales@omegahd.com
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Annual Savings Calculator

All Prices in USD				
Fuel	**US Average Fuel Price**	**US High Fuel Price**	**US Low Fuel Price**	**Average Fuel, less hours**
Idling gal/hr	0.8	0.8	0.8	0.8
Idling hours/day	8	8	8	8
Work days/week	5	5	5	3
Work weeks/year	50	50	50	48
Diesel Cost/gal	$3.80	$4.40	$2.50	$3.80
Fuel Savings	**$6,080.00**	**$7,040.00**	**$4,000.00**	**$3,502.08**
Maintenance	Based on annual oil changes and maintenance every 400 engine hours			
Hours Saved	2000	2000	2000	1152
Oil Change @ $600	$2,174	$2,174	$2,174	$1,252
Fuel Filter @ $100	$500	$500	$500	$288
Engine Air Filter @ $150	$815	$815	$815	$470
Maintenance Savings	**$3,489.13**	**$3,489.13**	**$3,489.13**	**$2,009.74**
Total Savings	**$9,569.13**	**$10,529.13**	**$7,489.13**	**$5,511.82**
Additional Savings				
DPF Cleaning	$900.00			

All Prices in CAD				
Fuel	**US Average Fuel Price**	**US High Fuel Price**	**US Low Fuel Price**	**Average Fuel, less hours**
Idling gal/hr	0.8	0.8	0.8	0.8
Idling hours/day	8	8	8	8
Work days/week	5	5	5	3
Work weeks/year	50	50	50	48
Diesel Cost/gal	$5.24	$6.07	$3.45	$5.24
Fuel Savings	**$8,390.40**	**$9,715.20**	**$5,520.00**	**$4,832.87**
Maintenance		engine hours		
Hours Saved	2000	2000	2000	1152
Oil Change @ $825	$2,989	$2,989	$2,989	$1,722
Fuel Filter @ $140	$700	$700	$700	$403
Engine Air Filter @ $200	$1,495	$1,495	$1,495	$861
Maintenance Savings	**$5,183.70**	**$5,183.70**	**$5,183.70**	**$2,985.81**
Total Savings	**$13,574.10**	**$14,898.90**	**$10,703.70**	**$7,818.68**
Additional Savings				
DPF Cleaning	$1,200.00			

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