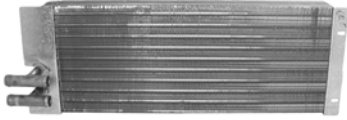
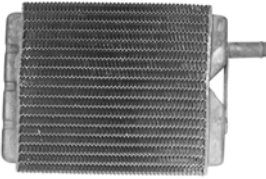
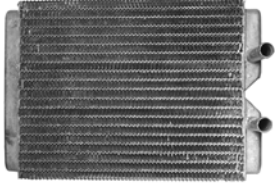
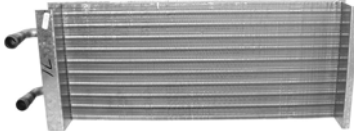


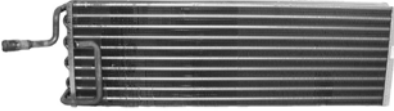






**Heater Cores**

<b>Part No. 1799010</b>	<b>Part No. 1799011</b>	<b>Part No. 1799012</b>
		
Width (A) <b>3 1/4"</b> Height (B) <b>10"</b> Length (C) <b>24"</b>	Width (A) <b>2 1/2"</b> Height (B) <b>12"</b> Length (C) <b>12 1/4"</b>	Width (A) <b>N/A</b> Height (B) <b>N/A</b> Length (C) <b>N/A</b>
OEM No. 8566-0244	OEM No. 8566-0296	OEM No. 8566-0384
<b>Part No. 1799013</b>	<b>Part No. 1799014</b>	<b>Part No. 1799015</b>
		
Width (A) <b>1 3/4"</b> Height (B) <b>10"</b> Length (C) <b>22 3/4"</b>	Width (A) <b>2 37/64"</b> Height (B) <b>8"</b> Length (C) <b>5 1/32"</b>	Width (A) <b>4 1/4"</b> Height (B) <b>9 1/8"</b> Length (C) <b>18"</b>
OEM No. 8566-0377	OEM No. 8566-0129	OEM No. N/A
<b>Part No. 1799016</b>		
		
Width (A) <b>2 19/32"</b> Height (B) <b>10"</b> Length (C) <b>30"</b>		
OEM No. N/A		

**Water Valves**

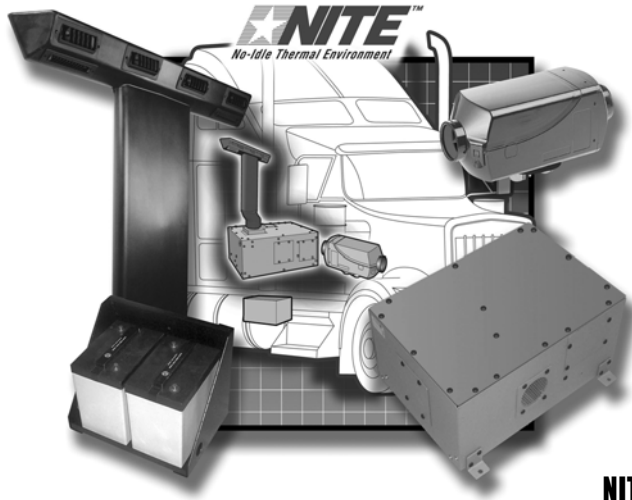
<b>Part No. 2499068</b>	<b>Part No. 2499069</b>	<b>Part No. 2499070</b>	<b>Part No. 2499071</b>
Manual Shutoff Valve	Manual Shutoff Valve	Manual Shutoff Valve	Cable Controlled Valve 5/8" x 1"
			
<b>3/4" NPT x 3/4" NPT</b>	<b>3/4" NPT x 3/4" NPT</b>	<b>3/4" NPT x 3/4" NPT</b>	<b>Pull to Open</b>
OEM No. 8566-0156	OEM No. N/A	OEM No. 8566-0716	OEM No. 8566-0776

# No-Idle Units



<b>NITE Systems</b>	<b>390</b>
<b>Espar System</b>	<b>391</b>
<b>Phillips and Temro</b>	<b>393</b>



**NITE System**

**\* The NITE system is available in 4 options:**

**STANDARD SYSTEM:**

Standard system is a **two** battery system with a run time of 7-8 hours.

- Standard system (A/C only): consists of a 2 battery system.
- Standard system (A/C & Heat): consists of a 2 battery system.

**UPGRADED SYSTEM:**

Upgraded system is a **four** battery system with a run time of 10-12 hours and an increased BTU cooling capacity, 20% more than the standard system.

- Upgraded system (A/C only): consists of a 4 battery system.
- Upgraded system (A/C & Heat): consists of a 4 battery system.

Make	Model	Part No.
Freightliner	Refrigerator mounting	Call For Part Number
Freightliner	Underbunk mounting	Call For Part Number
International	9000i before 06/02	Call For Part Number
International	9000i after 06/02 w/out rear cabinet	Call For Part Number
International	9000i after 06/02 w/ rear cabinet	Call For Part Number
Kenworth	T600, T800, W900 Standard	Call For Part Number
Kenworth	T2000 w/ rear shelf	Call For Part Number
Kenworth	T2000 w/out rear shelf	Call For Part Number
Kenworth	T600, T800, W900 Studio sleeper (with sofa)	Call For Part Number
Mack	Vision	Call For Part Number
Peterbilt	379, 386, 389 sleeper 70"	Call For Part Number
Peterbilt	379, 386, 389 sleeper 63"	Call For Part Number
Peterbilt	387	Call For Part Number
Sterling	A-Line	Call For Part Number
Volvo	VN classic sleeper & WIA	Call For Part Number
Volvo	VN sleeper 61" (model 670) w/ working station	Call For Part Number
Volvo	VN sleeper 77" (model 780) w/ working station	Call For Part Number
Western Star	4900, 4900EX & 4900 LOMAX	Call For Part Number

**NITE A/C System with Smart Control**

- Cooling Capacity – 3000 BTUH
- Performance – External 90° F/ Internal 70-75°F
- Voltage – 12VDC
- System Power – 300-350 watts
- Weight – 70 lbs.
- Unit Dimensions – 22.0" L x 16.0" W x 11.0" H

**NITE Heating System**

- Heat Output – 3930-7960 BTUH
- Airflow – 40-65 cfm
- Fuel Consumption - .03-.06 gal. per hour
- Power Consumption – .75-1.8 amps
- Weight – 8 lbs.
- Dimensions – 12.7" L x 5.1" W x 4.8" H

**NITE Power System**

- Capacity – 220 amp hours
- Battery Life – 2+ years
- Operates – 8-10 hours
- Recharges In – 4-6 hours
- Weight – 132 lbs.
- Dimensions – 10.5" L x 14.5" W x 11.5" H

**Smart Control System**

- Electronic variable functions for optimum comfort and power management
- Engineered duct work for optimum airflow
- Low voltage cutout
- Battery status indicator

**Compact Air Heating System**

- Low power and fuel consumption
- Ceramic ignition
- Self-monitoring with blink mode
- Variable temperature output control
- Externally mounted
- Works independent of vehicle batteries

**Engineered Power Source System**

- Deep cycle battery system
- Maintenance-free design
- UL recognized
- Pressure relief safety valve
- Meets Mil-B-8565J for hydrogen gas emissions
- 130 amp minimum alternator system recommended

**High Efficiency A/C System**

- Sealed hermetic system – eliminates refrigerant leaks
- Variable speed compressor – for greater efficiency
- All 12VDC components – requires no power inverter
- Brushless DC (BLDC) technology
- Patents pending technology

# Espar Systems

## Espar Air Heater Systems—



Developed from the D1LC, the AIRTRONIC D2 is more compact with fewer parts. It is designed for applications such as cab and sleeper heating. This air heater cycles quietly through four heat levels to maintain a desired comfort setting, without idling your engine.

Description	Part No.
Airtronic D2 (12V) with mini controller - Truck kit	<b>3999001</b>
Airtronic D4 (12V) with mini controller	<b>3999002</b>

### Features and Benefits:

- **Compact**
- **Economical**
- **Low fuel and power consumption**
- **Intergrated control unit**
- **Ease of maintainance and installation**
- **Self Diagnostic**

Heat Output	Fuel Consumption	Electrical Consumption
BTU/hr (KW)	Gal/hr (L/hr)	12V model shown
7500 (2.2) Boost	Diesel 1, 2 or Kerosene	2.8 amps (Boost)
6150 (1.8) High	0.07 (0.27) Boost	1.9 amps (High)
4100 (1.2) Medium	0.06 (0.21) High	1.0 amps (Med.)
2900 (0.8) Low	0.04 (0.14) Med.	0.67 amps (Low)
	0.02 (0.10) Low	

Air Throughput	Weight	Dimensions
48 cfm (Boost)	6 lbs. (2.7 kg)	L= 12.2" (31 cm)
40 cfm (High)		W= 4.5" (11.5 cm)
27 cfm (Med)		H= 4.8" (12.2 cm)
19 cfm (Low)		

## Espar Coolant Heater Systems—

Espar's Hydronic D5 water heater offers affordable heating solutions for trucks, off-road equipment, boats and buses. It's compact size enables a simple installation and eliminates the need for electrical plug-ins.



Description	Part No.
Hydronic D5, with timer (12V)	<b>3999003</b>
Hydronic D5, with timer & box (12V)	<b>3999005</b>
Hydronic D5, with with timer ,fuel metering pump (externally) (24V)	<b>3999033</b>
Hydronic D5, with with timer ,fuel metering pump (externally) & box (24V)	<b>3999034</b>
Hydronic D5, with with timer ,fuel metering pump (internally) & box (24V)	<b>3999035</b>

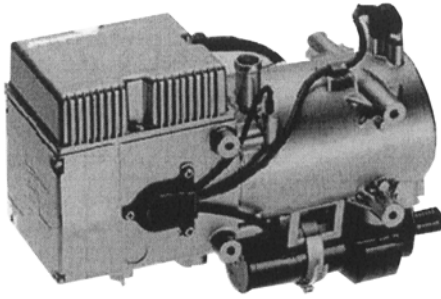
### Features and Benefits:

- **Automatic heat regulation through 2 heat levels**
- **No electrical plug-ins**
- **Low fuel and power consumption**
- **Easy start up of equipment**
- **Available in 12 & 24 Volt versions**
- **Self Diagnostics**

## Hydronic 5

Heat Output	Fuel Consumption	Electrical Consumption
BTU/hr (KW)	Gal/hr (L/hr)	12V model shown
17,100 (5.0) High	Diesel 1, 2 or Kerosene	4.41amps (High)
8200 (2.4) Low	0.16 (0.62) High	1.91 amps (Low)
	0.08 (0.30) Low	

Water Throughput	Weight	Dimensions
234 US gal/hr (900L/hr)	6.4 lbs. (2.9 kg)	L= 10" (25 cm)
		W= 4.5" (9 cm)
		H= 6.3" (16 cm)



#### Features and Benefits:

- *Driver passenger comfort & safety*
- *Windshield defrosting capabilities*
- *Low fuel and power consumption thru 4 heat levels*
- *Quick pre-heat without electrical plug-ins*
- *An alternative to costly idling*
- *Self Diagnostic*

## Espar Systems

### Espar Coolant Heater Systems—

Espar's Hydronic Coolant Heater is a powerful, compact and light weight heating system. It is typically used to provide engine, fuel & hydraulic pre-heat for off-road equipment. It is also suitable for providing both engine and supplemental cabin heat for buses.

Heat Output	Fuel Consumption	Electrical Consumption
BTU/hr (KW)	Gal/hr (L/hr)	12V model shown
32400 (9.5) Boost	Diesel 1, 2 or Kerosene	10.4 amps (Boost)
25600 (7.5) High	0.32 (1.2)Boost	6.3 amps (High)
10900 (3.2) Medium	0.24 (0.9) High	3.5 amps (Med.)
5100 (1.5) Low	0.11 (0.4) Med.	2.9 amps (Low)
	0.05 (0.2) Low	

Water Throughput	Weight	Dimensions
370 US gal/hr (1400l/hr)	14.3 lbs. (6.5 kg)	L= 13" (33 cm) W= 5.3" (13 cm) H= 9.3" (24 cm)

Description	Part No.
Hydronic D10 12V with fuel metering pump (internally) & box	<b>3999036</b>
Hydronic D10 12V with fuel metering pump (externally) & box	<b>3999037</b>
Hydronic D10 24V with fuel metering pump (internally) & box	<b>3999038</b>
Hydronic D10 24V with fuel metering pump (externally) & box	<b>3999039</b>
Hydronic D10 12V basic heater with fuel pump	<b>3999043</b>
Hydronic D10 12V universal installation kit	<b>3999044</b>

### COMBINATION PACKAGES AND ACCESSORIES<sup>0</sup>

Description	Part No.
Combo - Airtronic D2 with mini controller & Hydronic D5 with timer	<b>3999004</b>
Combo - Airtronic D2 with mini controller & Hydronic D5 with timer (box)	<b>3999040</b>
Combo - Airtronic D4 with mini controller & Hydronic D5 with timer	<b>3999041</b>
Combo - Airtronic D4 with mini controller & Hydronic D5 with timer (box)	<b>3999042</b>
7 Day timer - 12V	<b>3999006</b>
7 Day timer - 24V	<b>3999045</b>

## Inverter and Charger No-Idle Systems

Introducing shore power connectivity with an inverter and charger options. This system allows for heat, air-conditioning and "living room" electrical convenience without the need to keep the truck engine idling. This system is a series of pre-wired, modular components intended for installation in the interior of over-the-road truck cabs and service vehicles. The system includes a 120 VAC electrical load center, with two receptacle outlets and weather proof inlet housing. This system provides the connection for and distribution of external AC power to the vehicle cab which allows the truck operators to use 120-volt equipment and appliances inside their vehicles. Power is supplied through AC shore power or through an inverter connected to the batteries.



**Does not include battery hook up cables.**

Description	Part No.
1000 Watt inverter and 40 amp charger with shore power and receptacle wiring	<b>4499000</b>
Consists of:	
1000 watt inverter modified with PTI connectors	
40 amp battery charger with PTI connectors	
Chrome inlet for shore power	
Bracket for chrome inlet	
AC-IN shore power y-cord 96" x 96" legs	
Receptacle y-splice cable 12" leg	
(2) Surface mount receptacles with mounting hardware	
96" Extension cable to receptacle	
163" Extension cable to receptacle	



Description	Part No.
1000 Watt inverter with shore power and receptacle wiring	<b>4499001</b>
Consists of:	
1000 watt inverter modified with PTI connectors	
Chrome inlet for shore power	
Bracket for chrome inlet	
AC-IN shore power y-cord 96" x 96" legs	
Receptacle y-splice cable 12" leg	
(2) Surface mount receptacles with mounting hardware	
96" Extension cable to receptacle	
163" Extension cable to receptacle	



**Does not include battery hook up cables.**



**Does not include battery hook up cables.**

Description	Part No.
40 Amp charger with shore power and receptacle wiring	<b>4499002</b>
Consists of:	
40 amp battery charger with PTI connectors	
Chrome inlet for shore power	
Bracket for chrome inlet	
AC-IN shore power y-cord 96" x 96" legs	

### Features and Benefits:

- *Internal outlets can be mounted near appliances eliminating the need for extension chords*
- *Accommodates standard household appliances and office equipment*
- *Detachable remote control can be mounted in a conventional location*
- *Reduces engine wear and production of air pollutants*
- *Can be installed on any truck make and model*
- *Eliminates need to idle truck for heat, air-conditioning or electrical power*
- *Meets all national electrical codes; UL and CSA approved*