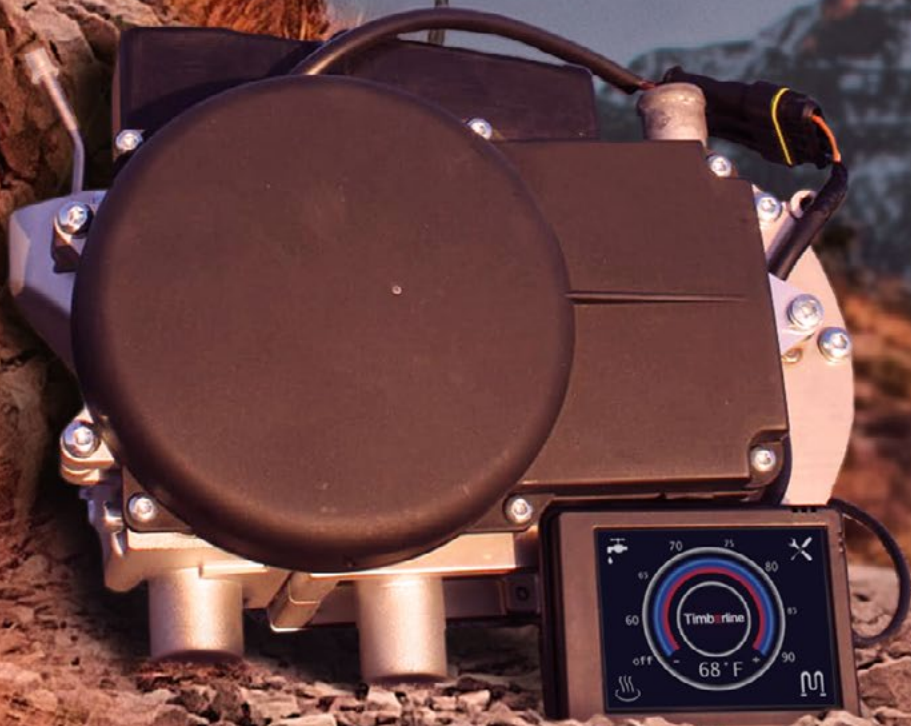


Timberline®

By: ELWELL



Timberline®

Heat & Hot Water System



Autoterm
North America / Air Heaters

Products and Parts

2025

Contents

Timberline Heat and Hot Water System

Presenting Timberline	1
Timberline Heaters	3
System Overview	4

Timberline Parts & Accessories

Heater Accessories	7
Hot Water	8
Fuel System	9
Electrical	10
Tank & Plumbing	11
Heating, Diagnostics	12

Autoterm Heating Systems

Autoterm Air Heaters	15
Autoterm Controllers	17

Autoterm Parts & Accessories

Air Ducting	19
Fuel, Exhaust & Intake	22
Electrical, Mounting, Diagnostics	24

Elwell Corporation and Autoterm's partnership 25



Rugged. Refined. Luxury.

Timberline

PREMIUM HEAT & HOT WATER SYSTEM

Ideal for Class B and C Motorhomes.



Diesel/
Gasoline



Seamless High
Altitude Function



Quiet
Heat



Continuous
Hot Water



Clean &
Efficient



Intuitive Touch Screen

TIMBERLINEHEAT.COM
ELWELLCORP.COM

BY ELWELL

360-608-0916

Presenting Timberline:

Timberline is an intentionally designed heat and hot water system that brings the luxuries of home to the rugged outdoors. Whether your adventures take you skiing in the mountains of Colorado or beach-combing in Florida, radiant enveloping comfort and hot showers will welcome you back at your motorhome.

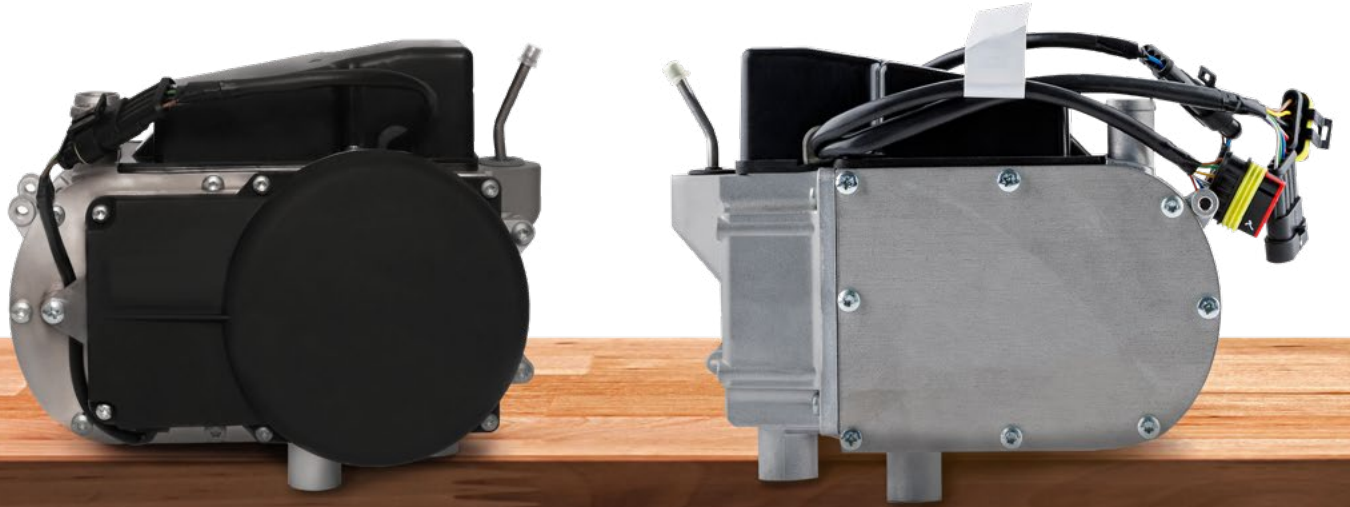
SYSTEM OPERATION

Timberline heat and hot water is generated by the Autoterm Compact, a powerful but quiet diesel or gasoline heating unit made for the most adverse conditions. A heated glycol solution is circulated through the interior of the living space through quiet air handlers that provide soft radiant heat. The glycol is also circulated through an instantaneous water heat exchanger which produces hot water for showers and kitchen use.

By using the diesel or gasoline burner coupled with 110V electric element support, Timberline provides efficient comfort whether dry camping or plugged into shore power. When the RV is cold the fans run on high until the interior temperature starts to reach it's target. The fans then automatically slow down and remain on low levels, maintaining the comfort levels inside.

The Timberline touchscreen digital panel located inside the RV gives you full control of your interior temperature. The controls are intuitive and easily allow you to adjust how hard or soft you want the heat to distribute and whether you want to utilize your fuel source or electric only.

TIMBERLINE HEATERS



TIMBERLINE HEAT & HOT WATER SYSTEM 17,000 BTU Hydronic Heaters

DIESEL

Compact-5D Hydronic Coolant Heater
Part# A17000-D1

Compact-5D Specifications	
Technical Parameters	Diesel
Voltage	12V or 24V
Heating medium	Coolant, antifreeze coolant
Heating power	5 kW
Optimal liquid/coolant volume	10 - 12 L
Power consumption	45 - 70 W
Fuel	Diesel
Fuel consumption, max	0.60 l/h
Control Mode	Touchscreen
Weight	7 lb
Heater dimensions	9.5 x 4.3 x 7.1 in

GASOLINE

Compact-5B Hydronic Coolant Heater
Part# A17000-G1

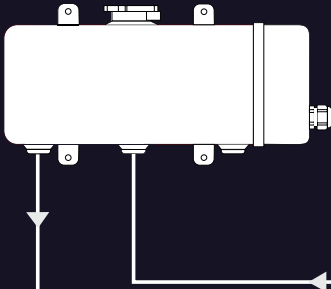
Compact-5B Specifications	
Technical Parameters	Gasoline
Voltage	12V or 24V
Heating medium	Coolant, antifreeze coolant
Heating power	5 kW
Optimal liquid/coolant volume	10 - 12 L
Power consumption	45 - 70 W
Fuel	Gasoline
Fuel consumption, max	0.70 l/h
Control Mode	Touchscreen
Weight	7 lb
Heater dimensions	9.5 x 4.3 x 7.1 in

SYSTEM OVERVIEW

Timberline Expansion Tank

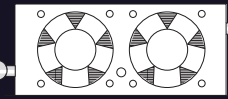
Expansion Tank AC Backup

14.5"W x 6.75"D x 9"H



Solenoid (Optional)

5.5"W x 2.25"D x 4.5"H



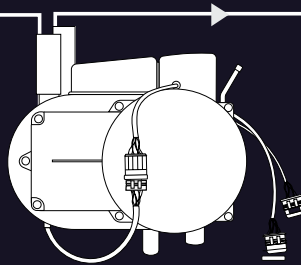
Cabin Fan

13"W x 7.75"D x 4"H



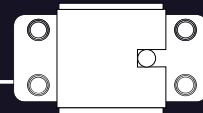
Circulation Pump

3.5"L x 2.5"D x 3.5"H



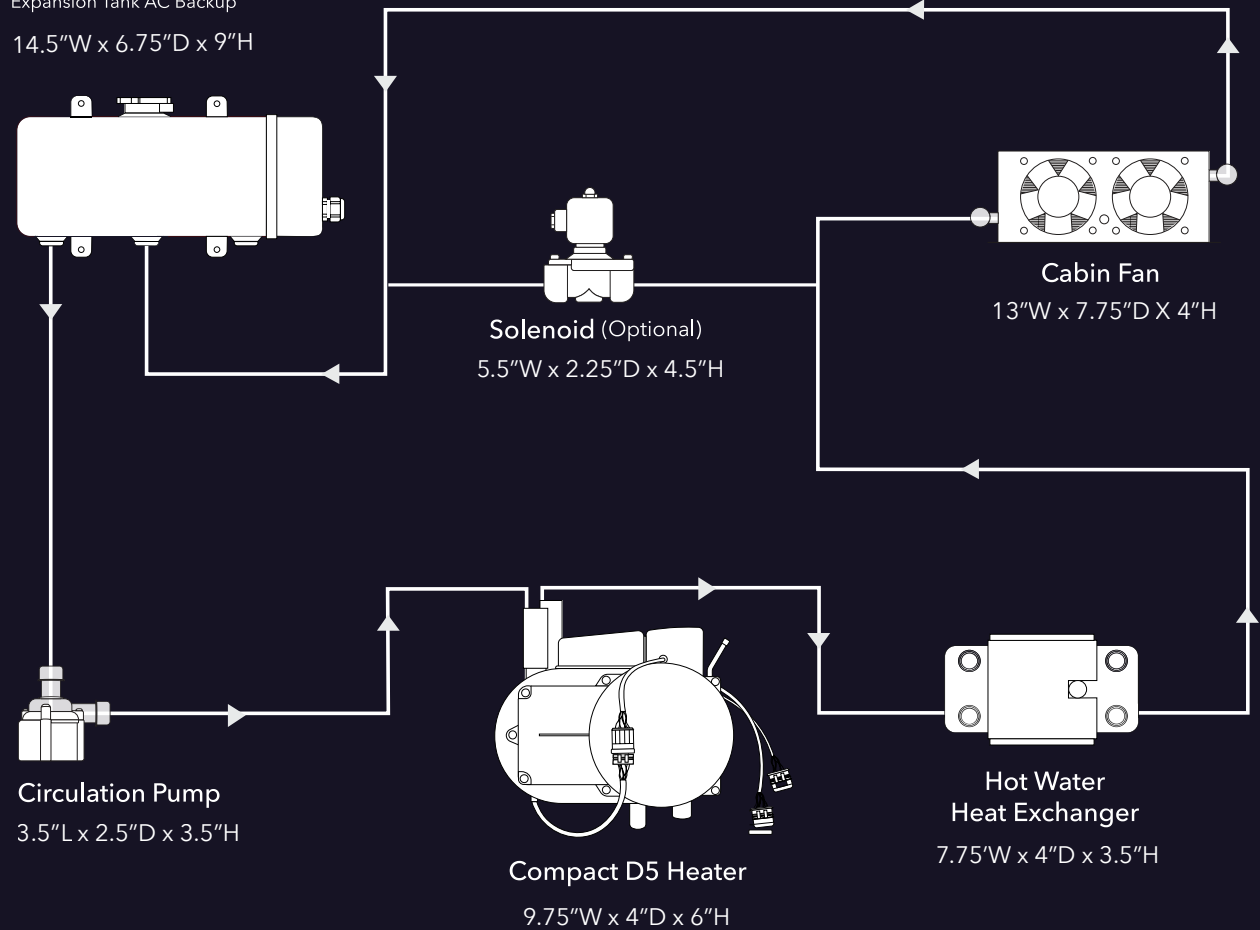
Compact D5 Heater

9.75"W x 4"D x 6"H



Hot Water Heat Exchanger

7.75"W x 4"D x 3.5"H



SYSTEM SPECIFICATIONS

Hot Water Performance:

Continuous on-demand

Weight:

Less than 30 lbs

Power:

8000-17000 Btu (Diesel)

5000 Btu (Electric)

Power Consumption:

12V: 5 amps,

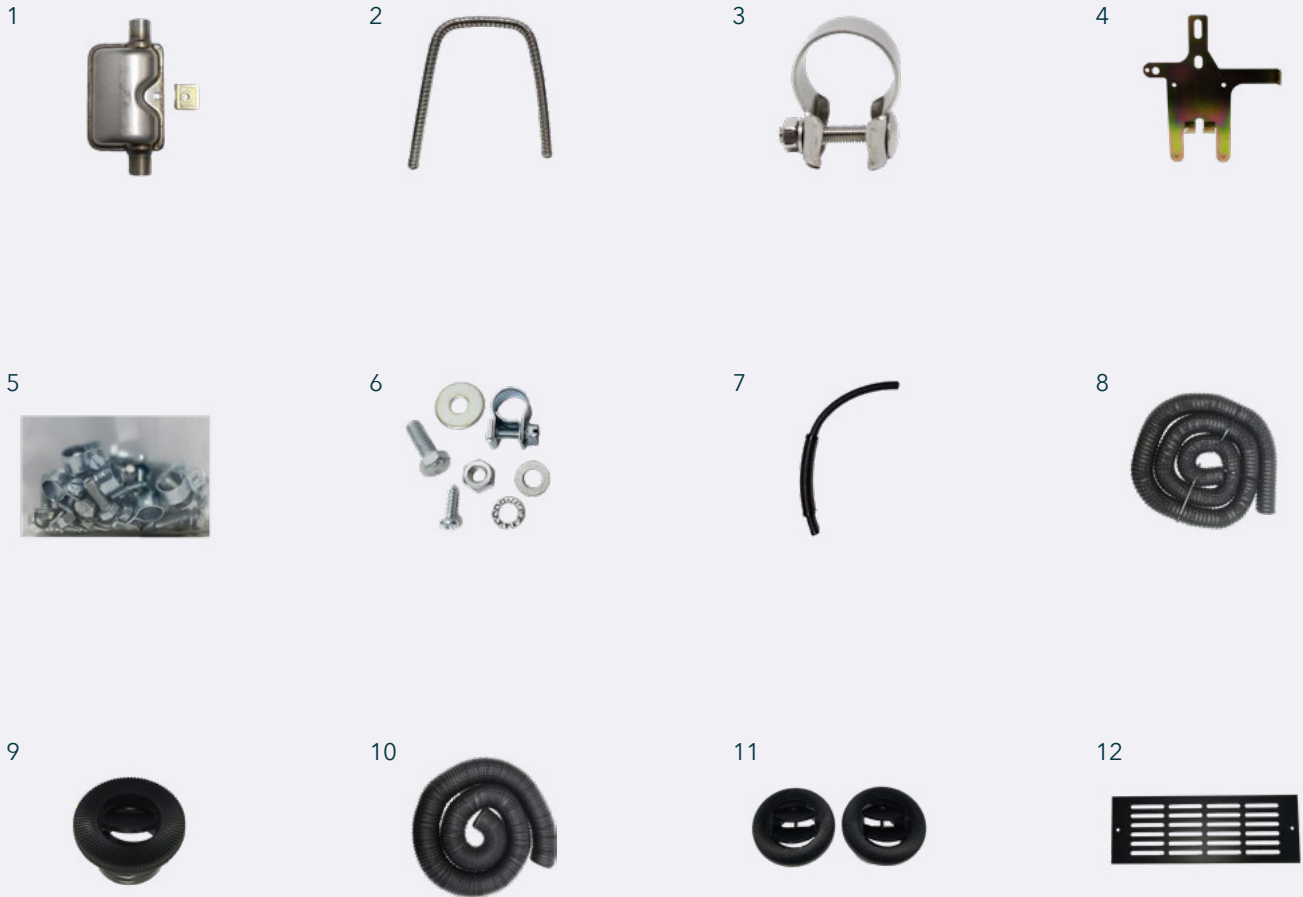
120V: 12.5 amps



INTUITIVE TOUCH SCREEN

The Timberline touchscreen panel located inside the RV gives you full command of your interior temperature with intuitive and easy to use controls. The panel allows you to adjust how hard or soft you want the heat to distribute and whether you want to utilize your fuel source or electric only, along with many more options to regulate the heating to your liking.

TIMBERLINE
PARTS & ACCESSORIES



HEATER ACCESSORIES

- | | | |
|---|--|---|
| 1 Exhaust Muffler 24mm
Part#: A30100 | 5 Timberline Installation
Hardware
Part#: A60100 | 9 2 Inch Vent
Part#: A10300-2001 |
| 2 Exhaust Tubing 24mm
(With End Cap)
Part#: A30101 | 6 Timberline Install Screw Pack
Part#: A60100 | 10 3 Inch Ducting
Part#: A8018
Length: 8' |
| 3 Exhaust Clamp 24mm
Part#: A30102 | 7 Timberline Air Intake
Part#: A30600 | 11 3 Inch Vents
Part#: A1051 |
| 4 Timberline/Autoterm
Compact Bracket
Part#: A60110 | 8 2 Inch Ducting
Part#: A10300-2005
Length: 8' | 12 Black Anodized Plate
Part#: A-1057
Size: 10" L x 4"W |

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13 **Black Anodized Plate**
Part#: A1049
Dimensions: 10" L x 6"W

14 **Engine Heat Loop Kit**
Part#: A11600

15 **Duct Plate for Toe-kick**
Part#: A10281
Port Diameter: Ø 3"

16 **Exhaust Heat Shield**
Part#: B1000-909
Length: 18"

17 **Ducting Kit for Toe-kick**
Part#: A230-JAY00

18 **Spring Clamp Pliers**
(Straight)
Part#: go-323
(Swivel)
Part#: go-322

HOT WATER

19 **Timberline Mixing Valve**
Part#: A10250

20 **Potable Double Wall Heat Exchanger**
Part#: A10200

21 **Potable Double Wall Heat Exchanger Bracket**
Part#: A10201



FUEL SYSTEM

<p>22 Gasoline Fuel Pump (Thomas) Part#: A9000-P327-12</p>	<p>26 Fuel Line Roll Part#: A15200</p>	<p>30 5/16 Fuel Hose Part#: Fuel-30095 Length: 10'</p>
<p>23 Fuel Pump Bracket Part#: A15101</p>	<p>27 Fuel Adapters Part#: A15201</p>	<p>31 3/16 Fuel Hose Part#: Fuel-30085 Length: 10'</p>
<p>24 Hose Barb to FPT Part#: 126HBL-5-2 3/4" barb x 1/2" FPT</p>	<p>28 Diesel Fuel Pump Part#: A15100</p>	<p>32 1/4 to 5/16 Fuel Adapter Part#: Fuel-30101</p>
<p>25 Fuel Line Adapter Part#: EL-00050-06-20 5/16" barb x 3/16" barb</p>	<p>29 7/16 Fuel Hose Clamp Part#: Fuel-30075</p>	



ELECTRICAL

33 Timberline Touchscreen Control Panel
Part#: A20100

34 Touch Screen Extension
Part#: A2033-10
Length: 10'

35 System Temp Sensor
Part#: A20500

36 Fan Harness
Part#: A2031
Length: 5'

37 Fan Harness Extension
Part#: A2031-15
Length: 15'

38 Timberline Control Box
Part#: A20200

39 Room Temp Sensor
Part#: A20501
Length: 6' 5"

40 Room Temp Sensor Cover
Part#: A20505

41 Air Sensor Extension
Part#: A2034-10

42 Main Electrical Harness
Part#: A20300

43 Heater Harness Extension
Part#: A2036-10
Length: 10'

44 Timberline Standard Harness
Part#: A2030-W1000



TANK & PLUMBING

- | | | | | | |
|----|--|----|---|----|---|
| 45 | Timberline 1500W
110V 2 Gal Tank
Part#: A10100 | 51 | Hex Head Plug Cored
Part#: 218P-8
1/2" MPT Plug | 56 | 3/4 x 3/4 Hose Barb
Elbow
Part#: A10501 |
| 46 | Tank Element
Part#: CAMCO02463 | 52 | 27mm Constant
Tension Clamp
Part#: A30103 | 57 | 3/4 x 5/8 Hose Barb
Reducer
Part#: A10502 |
| 47 | Timberline Coolant
Circulation Pump
Part#: A10400 | 53 | 2 Way Electric Valve
Open
Part#: A10350 | 58 | Hose Barb Tee
Part#: 1791212C
3/4" x 3/4" x 3/4" Barb Tee |
| 48 | Circulation Pump Bracket
Part#: A10401 | 54 | 2 Way Electric Valve
Closed
Part#: A15200 | 59 | Hose Coupler
Part#: A10600-111
3/4" x 3/4" Barb Coupler |
| 49 | Hose Barb to MPT
Part#: 125HBL-12-8
3/4" barb x 1/2" MPT | 55 | Rubber Hose with U
Part#: A15201 | 60 | Radiator Cap
Part#: 703-1696 |
| 50 | Hose Barb to MPT
Part#: 125HBL-3-2
3/16" barb x 1/8" MPT | | | | |



Build comfort.

61



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HEATING

- 61 **Timberline Toekick**
Part#: A10300-6132
Size: 13"L x 7½"W x 3¾"H
Specs: 8000 BTUs
- 62 **Compact Heater**
(Gasoline)
Part#: A17000-G1
Size: 10"L x 8"W x 5"H

(Diesel)
Part#: A17000-D1
Size: 10"L x 8"W x 5"H

- 63 **Cabin Fan-Kit**
Part#: A10300-6002233
Size: 11½"L x 7"W x 6¼"H
Specs: 9000 BTUs

Includes:
9000 BTU Cabin Fan
Duct Plate
Two 3" Hoses
One 2" Hose
Two 3" Outlets
One 2" Outlet

DIAGNOSTICS

- 64 **Fuel Pump Tester and Booster**
Part#: 3455





Explore even the harshest climates.

AUTOTERM North America

Autoterm North America is the North American sales, service, and distribution branch of the Autoterm heating and hot water systems. Autoterm air and fluid heaters are built to be reliable and long-lasting, yet offered at affordable prices. The heaters are tested in the coldest environments with temperatures as low as -50F to withstand extremely harsh winters.

Autoterm air heaters— Rigorously tested heating systems

Autoterm heaters are independent gasoline/diesel powered heating systems that can be easily installed or retrofitted into your vehicle. Liquid heaters are specifically designed to pre-heat your vehicle's engines and compartments, thus eliminating cold start of the engine and supplying comfortable warm air to passenger compartments in cold conditions. They can also be used to heat central heating systems with radiators and boilers. Air heaters are excellent products for spaces which need to be heated quickly, or where there is no built in central heating system. For example: campers, boats, Etc.

All heaters feature built in fail-safe systems and sensors. The self diagnostic system will automatically shut down the heater if it encounters any errors (such as battery drain, over-heating of the heater, low fuel level, air pump malfunction, or flame failure) making it a completely safe product. Autoterm Air series heaters are also equipped with brushless induction motors that ensure low noise levels as well as a long lifetime for your device.

Autoterm North America provides heating solutions for many different industries including: heavy truck, bus, recreational vehicle, marine, construction and agricultural markets. To learn more about Autoterm North America and their products, visit:

Autoterm-usa.com

AUTOTERM AIR HEATERS



AUTOTERM Air 2D

For Small Spaces

Heater Specifications		
Technical Parameters	High	Low
Voltage	12V or 24V	
Heating Power	2.0 kW	0.8kW
Power Consumption	29 W	10 W
Fuel	Diesel	
Fuel Consumption	0.06 g/h	0.03 g/h
Control Mode	Manual, Remote, Modem	
Weight	6.3 lb	
Heater Dimensions	12.2 x 4.7 x 5.7 in	

- Extremely compact
- Maximum heating power 6800 BTUs for 12V or 24V model
- Able to heat up to 3000 ft³ in one hour
- Excellent fuel economy at 0.06 gal/hour
- Suited to additionally heat small truck cabins, commercial vehicles, small campers, off-highway vehicles or boats of up to 33 ft.

AUTOTERM Air 4D/4B

For Medium Spaces

Heater Specifications		
Technical Parameters	High	Low
Voltage	12V or 24V	
Heating Power	4.0 kW	1.0kW
Power Consumption	57 W / 56 W	10 W
Fuel	Gasoline/Diesel	
Fuel Consumption	0.13 g/h	0.03g/h
Control Mode	Manual, Remote, Modem	
Weight	12 lb	
Heater Dimensions	15.8 x 6.2 x 7.4 in	

- Highly versatile installation
- Maximum heating power 13,600 BTUs for 12V or 24V model
- Able to heat and maintain the temperature in a 5900 ft³ space
- Excellent fuel economy at 0.13 gal/hour
- Suited for large truck cabins, commercial vehicles, campers, motorhomes or boats/yachts of up to 48 ft.



AUTOTERM Air 8D

For Large & Commercial Spaces

Heater Specifications		
Technical Parameters	High	Low
Voltage	12V or 24V	
Heating Power	6 kW / 7.5 kW	3.2kW
Power Consumption	75W / 90W	8W/9W
Fuel	Diesel	
Fuel Consumption	0.2g/h / 0.24g/h 0.11g/h	
Control Mode	Manual, Remote, Modem	
Weight	25.5 lb	
Heater Dimensions	21.6 x 8.2 x 11.6 in	

- The Autoterm 8D is designed for large spaces that do not require ductwork. The heater will bring large open spaces up to temperature quickly and maintain the set temperatures easily.
- Maximum heating power 20,000 BTUs for 12V models; 23,600 BTUs for 24V models.
- Able to heat a 11,800 ft³ space hourly
- For use in large vehicles and commercial spaces, including cargo holds, shipping containers and large, open mobile workspaces.

AUTOTERM Air 9D

For Large & Commercial Spaces

Heater Specifications		
Technical Parameters	High	Low
Voltage	12V or 24V	
Heating Power	8 kW	3.2kW
Power Consumption	290 W / 210 W	12 W
Fuel	Diesel	
Fuel Consumption	0.26 g/h	0.11 g/h
Control Mode	Manual, Remote, Modem	
Weight	28.2 lb	
Heater Dimensions	25.6 x 8.3 x 11 in	

- Equipped with high-strength steel double circuit heat exchanger for best heat distribution
- Maximum heating power 27,000 BTUs
- Able to heat and maintain the temperature in a 14,500 ft³ space
- For heating large spaces such as commercial vehicle cargo compartments, buses, large motorhomes, specialty vehicles or boats up to 65 feet/20 m.

AUTOTERM CONTROLLERS



1 Control Panel **PU-28**

The PU-28 is an integrated easy to use color touch-screen that is compatible with all AUTOTERM air heaters. The software allows for different comfort control methods and has full self diagnostics included. Bluetooth functionality comes standard with the PU-28.

2 Control Panel **PU-27**

The PU-27 is compatible with AUTOTERM 2D, 4D, 8D, 9D Air Heaters and AUTOTERM Flow 14D Liquid Heaters. This control panel has an OLED screen that does not freeze at low temperatures and has an integrated temperature sensor.

3 Control Panel **PU-5**

The PU-5 control panel features four simple controls and is compatible with all AUTOTERM air heaters.

AUTOTERM
PARTS & ACCESSORIES



AIR DUCTING

- | | | |
|---|--|---|
| <p>1 Air Ducting Connector
Part#: P5004
Diameter: Ø 60mm</p> | <p>5 Air Ducting Adjustable Grill
Part#: DE033
Diameter: Ø 60 mm</p> | <p>9 Air Ducting Y (No Control Valve)
Part#: FR010
Diameter: Ø 60 mm</p> |
| <p>2 Air Ducting Flange
Part#: P4931
Diameter: Ø 60 mm</p> | <p>6 Air Ducting T
Part#: P5008
Diameter: Ø 60 mm</p> | <p>10 Air Ducting
Part#: DE013
Diameter: Ø 60 mm</p> |
| <p>3 Air Ducting Slanted Grill
Part#: P4943
Diameter: Ø 60mm 30°</p> | <p>7 Air Ducting Street Y
Part#: P5006
Diameter: Ø 60 mm 45°</p> | <p>11 Air Ducting Connector
Part#: DE017
Diameter: Ø 75 mm</p> |
| <p>4 Air Ducting Closable Grill
Part#: 4099
Diameter: Ø 60 mm</p> | <p>8 Air Ducting Y (Control Valve)
Part#: FR011
Diameter: Ø 60 mm</p> | <p>12 Air Ducting Flange
Part#: DE005
Diameter: Ø 75 mm</p> |

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13 Air Ducting Grill

Part#: 2534
Diameter: Ø 75 mm

14 Air Ducting Slanted Grill

Part#: P4944
Diameter: Ø 75/90 mm 30°

15 Air Ducting Closable Grill

Part#: 4108
Diameter: Ø 75/90 mm

16 Air Ducting T

Part#: 2563-01
Diameter: Ø 75 mm

17 Air Ducting Y

Part#: 2687
Diameter: Ø 75 mm

18 Air Ducting Y

Part#: DE025
Diameter: Ø 75-2*60 mm

19 Air Ducting Adapter

Part#: DE031
Diameter: Ø 75-60 mm

20 Air Ducting

Part#: DE014
Diameter: Ø 75 mm

21 Air Ducting Adapter (Intake Air 4D)

Part#: P5313
Diameter: Ø 80-90 mm

22 Air Ducting Connector

Part#: P5003
Diameter: Ø 90 mm

23 Air Ducting Flange

Part#: P4942
Diameter: Ø 90 mm

24 Air Ducting T

Part#: DE026
Diameter: Ø 90mm

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AIR DUCTING

25 Air Ducting Street Y

Part#: P5009
Diameter: Ø 90mm

29 Air Ducting Adapter

Part#: DE030
Diameter: Ø 90-75 mm

33 Air Ducting Connector

Part#: DE036
Diameter: Ø 100 mm

26 Air Ducting Street Y

Part#: DE055
Diameter: Ø 90-60-90 mm

30 Air Ducting Adapter (4D)

Part#: 2509
Diameter: Ø96-Ø75 mm

34 Air Ducting Adapter

Part#: DE034
Diameter: Ø 100-90 mm

27 Air Ducting Y Adapter

Part#: DE041
Diameter: Ø 90-2x60 mm

31 Air Ducting Adapter

Part#: 2509
Diameter: Ø 96-90 mm

35 Air Ducting

Part#: DE035
Diameter: Ø 100 mm

28 Air Ducting Y Adapter

Part#: DE029
Diameter: Ø 90-2*75mm 120°

32 Air Ducting

Part#: DE015
Diameter: Ø 90 mm

36 Air Flow Regulator with Cable

Part#: FR054
Length: 59"



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FUEL

- 37 **7 Liter Fuel Tank**
Part#: 290
Capacity: 7 litres
- 38 **13 Liter Fuel Tank**
Part#: 1064
Capacity: 13 litres
- 39 **Fuel T Connector**
(Air 2D, 4D, Compact 5)
Part#: P143
Size: 8mm*5.3mm*8mm
- 40 **Fuel Filter**
Part#: 3763
- 41 **Marine Fuel Kit**
Part#: AT0041
AUTOTERM Marine fuel kits designed to be used only with AUTOTERM Air and Flow heaters.
- 42 **Fuel Tank Cap**
Part#: 1687
Replacement cap for AUTOTERM 7L and 13L fuel tanks.

EXHAUST & INTAKE

- 43 **Heat Cover for Exhaust Pipe**
Part#: A15101
Diameter: Ø 24 mm
- 44 **Exhaust Elbow**
Part#: P5198
Diameter: Ø 24 mm
- 45 **Exhaust Thruhull**
Part#: 2385
Diameter: Ø 24 mm

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EXHAUST & INTAKE

46 Exhaust Thruhull
Stainless Steel
Part#: AT0003
Diameter: Ø 24 mm

47 Exhaust Thruhull Extended
Part#: AT0013
Diameter: Ø 24 mm

48 Exhaust Thruhull Angled
Part#: AT0008
Diameter: Ø 24 mm

49 Exhaust Insulation 36"
Part#: DE053
Diameter: Ø 24 mm

50 Air Intake Hose Extension
Part#: 1498
Length: 30"

51 Exhaust Drain
Part#: 3182
Diameter: Ø 24 mm

52 Intake Thruhull Stainless
Part#: 2405
Diameter: Ø 24 mm

53 Exhaust Silencer
Stainless Steel
Part#: DE043
Diameter: Ø 24 mm

54 Exhaust Thruhull
Part#: AT0012
Diameter: Ø 38 mm

55 Exhaust Silencer
Stainless Steel
Part#: DE044
Diameter: Ø 38 mm

56 Exhaust Silencer Kit
Part#: 3064
Diameter: Ø 24 mm

Build Memories.



57



58



59



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ELECTRICAL

57 Control Panel
Harness Extension
Part#: P5198
Length: 100"

58 External Temp
Sensor
Part#: 1458
Length: 196"

MOUNTING

59 Stainless Steel
Mounting Bracket
(2D, 4D)
Part#: AT0025

DIAGNOSTICS

60 Fuel Pump Tester
and Booster
Part#: 3455



Timberline— An Elwell Corporation and Autoterm partnership

WHO IS ELWELL?

The Elwell family has worked in the RV and Marine industries since the 1990s, providing products, technical support, and mobile market applications to heating and burner companies worldwide. The principles at Elwell all started in the service sector of the industry— forming service networks and managing service and installation centers nationally. This background puts the company in a unique position to represent and develop technical integrated products. With that knowledge, Elwell Corp. branched out into sales, development, and customer representation where they have been able to be a great asset to their partners.

A number of years ago, Elwell identified the need for a robust and dependable heating and hot water system for these demanding markets. After testing and working with some of the more common, available burners, Elwell was not satisfied. That is when they came across a lesser known Russian company, Autoterm.

Although Autoterm was a well-known and successful company in Europe and other parts of the world, their name recognition and products were almost non-existent in North America. The Elwell brothers flew overseas and sat down with this company's founders. That first meeting was the beginning of a close partnership that has since formed. A vision was born and a collaborative effort made to bring Autoterm products—the most efficient and effective heating and hot water systems in the world—to North America.

WHO IS AUTOTERM?

Autoterm is a very successful and high-quality manufacturer of both air and fluid heaters for mobile platforms. Holding over 100 patents, they are one of the top air/fluid heater manufacturers in the world. Autoterm employs over 1000 people and has over 700 partners in over 40 countries. Autoterm factories are ISO certified and use the finest equipment. They are top-down integrated, which means they produce many parts internally rather than relying on sub-suppliers. Autoterm was one of the first companies to bring longer-lasting air heaters to the market when they introduced and featured their brushless motors.

ELWELL AND AUTOTERM IN PARTNERSHIP

Together, Autoterm and Elwell produced the Timberline system; they employed the core competence of Autoterm in burning fuel and applied the system design and market organization of Elwell. In 2020 the partnership between Elwell and Autoterm grew beyond just the development of the Timberline system. It now includes Autoterm North America, a joint venture with the goal of bringing all Autoterm products to North America and spanning multiple markets.

THE TIMBERLINE SYSTEM

The Timberline system is feature-rich and provides a level of comfort and reliability that has been unavailable in the past. The versatility of the Timberline system design also allows builders to optimize space, while at the same time providing comfort without compromise.

Uniting Autoterm Compact 5, as the backbone of the system, and Elwell's Timberline design package, consumers can enjoy soft, quiet heat, as well as plenty of water, for all their adventures. The Compact 5 was specifically chosen by the founders of Autoterm because of its reliability in high altitude and adverse environments. Currently, customers are using the Timberline system all over the country, most often off-grid and in the harshest of weather.



Timberline[®]
By: ELWELL

Go where you've never gone before.

To explore all that Timberline has to offer visit:
Timberlineheat.com or Elwellcorp.com

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