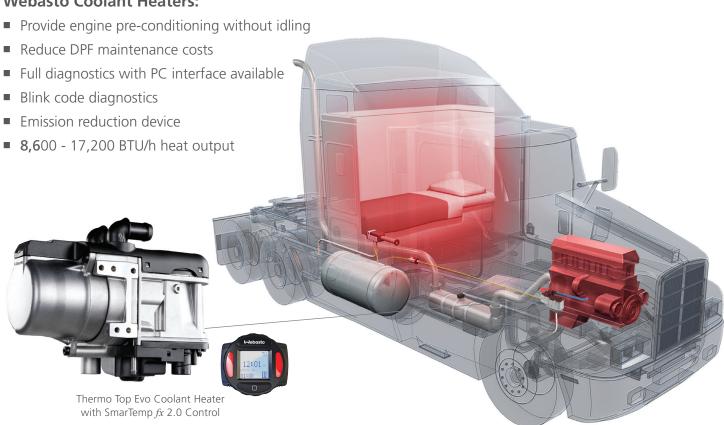


# **Improve DPF Performance & Save Money**

Engine Pre-heat | Reduced DPF Maintenance Costs

### **Webasto Coolant Heaters:**



## Reduce Filter Overloading, DEF Thaw Time, Face Plugging & Thermal Cracking



Independent testing shows that using a Webasto solution to pre-heat an engine can significantly improve DPF performance. Emissions are reduced, even at high ambient temperatures - this means that it is beneficial to pre-heat engines in warm and cold climates.

# Part Number 910071 • 1/20 • Errors and omissions excepted • Printed in USA • ® Webasto Thermo & Comfort North America, Inc. 2020

### **Technical Specifications**

	Thermo Top Evo
Heating Flow [kW] (Partial Load / Full Load)	8,600 - 17,200 BTU/h (2.5 - 5.0 kW)
Fuel	Diesel, Arctic Diesel
Nominal Voltage (Suitability for special fuels) Operating Voltage	12 V 10 to 16.5
Power Consumption including coolant pump	41 W
Power Consumption During Start-up at 12 V	14 Amps
Fuel Pump / Coolant Pump	DP 42 / U4847 econ
Noise Emission	61 dB
Dimensions (L x W x H)	8.54 x 3.58 x 5.79 in (217 x 91 x 147 mm)
Weight	4.6 lb. (2.1 Kg)
Diagnostic	Blink Code, Diagnostic Tool

### **Available Thermo Top Evo Heater Kits:**

Thermo Top Evo Diesel Kit w/SmarTemp Control fx 2.0 (12 V) - PN: 5013379A

Thermo Top Evo Diesel Kit (12 V) - Part Number: 5013378A

Thermo Top Evo Diesel Kit w/enclosure (12 V) - Part Number: 5013389A

### **Standard Kit Components:**

- Integrated Control Unit
- On/Off Switch
- Fuel Metering Pump w/Mounting Bracket
- Fuel Line
- Fuel Filter
- Universal Fuel Standpipe
- Exhaust Tubing
- Combustion Air Tubing
- Wiring Harness w/ Fuse Holder
- PC Interface Diagnostics
- Operation/Installation Manual
- 2 Year/2000 Hour Limited Warranty

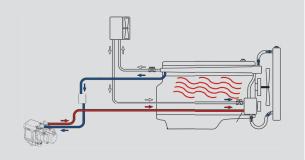
### SmarTemp Control fx 2.0 (optional):

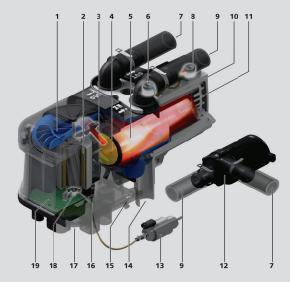
Part Number 5010633C



- Programmable runtimes
- Adjustable LVD
- Ergonomic design
- Large backlit LCD screen

### **System Schematic**





- 1 Combustion Air Fan
- 2 Motor
- 3 Igniter / Flame Detector
- 4 Burner Evaporator
- 5 Combustion Chamber
- 6 Coolant Temperature

Sensor

- 7 Coolant Outlet
- 8 Overheat Sensor
- 9 Coolant Inlet

- 10 Heater Body
- 11 Heat Exchanger
- 12 Circulation Pump
- 13 Fuel Metering Pump
- 14 Exhaust Outlet
- 15 Fuel Line
- 16 Magnets (for Hall Sensor)
- 17 Combustion Air Inlet
- 18 Hall Sensor
- 19 Electronic Control Unit

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