

## DBW 2010

Coolant Heater



### Coolant Heater Features:

- Eliminates cold starts
- Pre-heats large engines
- Provides interior cab heat
- 45,000 BTU/h output (13 kW)
- Fast Return on Investment
- CARB approved and EPA SmartWay verified

### Engine pre-heat and interior heat

Designed to provide engine pre-heat and interior heat in one unit, the DBW 2010 can do it all with 45,000 BTU/h heat output. The DBW 2010 draws in cold engine coolant, then heats it and pumps it back to the vehicle's engine and HVAC system. The result is a pre-heated engine and warm interior. In extreme climates, you can also use the DBW 2010 with additional accessories to warm the fuel and keep it from gelling.

## Technical Specifications

|                         | DBW 2010   |
|-------------------------|--|
| Heating Capacity        | 45,000 BTU/h (13.0 kW)                           |
| Fuel                    | Diesel #1, Diesel #2, Arctic, Biodiesel B5 & B20 |
| Fuel Consumption        | 0.4 gal/h (1.5 l/h)                              |
| Rated Voltage           | 12 or 24 V                                       |
| Operating Voltage Range | 10 – 14 or 20 – 28 V                             |
| Rated Input             | 5 Amps (60 Watts) without pump                   |
| Dimensions (L x W x H)  | 23 x 8.1 x 9 in (584 x 205 x 228 mm)             |
| Weight                  | 33 lbs (15 kg)                                   |

### Available DBW 2010 Heater Kits:

DBW 2010 Arctic Diesel Kit w/enclosure (12V) - Part Number: 923005

DBW 2010 Diesel Kit w/enclosure (12V) - Part Number: 920273

DBW 2010 Diesel Kit w/enclosure (24V) - Part Number: 920274

DBW 2010 Tray Mount Diesel Kit (12V) - Part Number: 920266

### Kit Components:

- Integrated Control Unit
- Fuel Pump
- Fuel Line with Clamps
- Fuel Filter
- Universal Fuel Standpipe
- On/Off Switch
- Power/Control Harnesses w/Fuse Block
- Exhaust Pipe w/Mounting Hardware
- Weather Protective Heater Enclosure\*
- Magnetic Drive Coolant Pump
- Miscellaneous Installation Hardware (Bagged)
- Operation/Installation Manual
- 2 Year/2000 Hour Limited Warranty

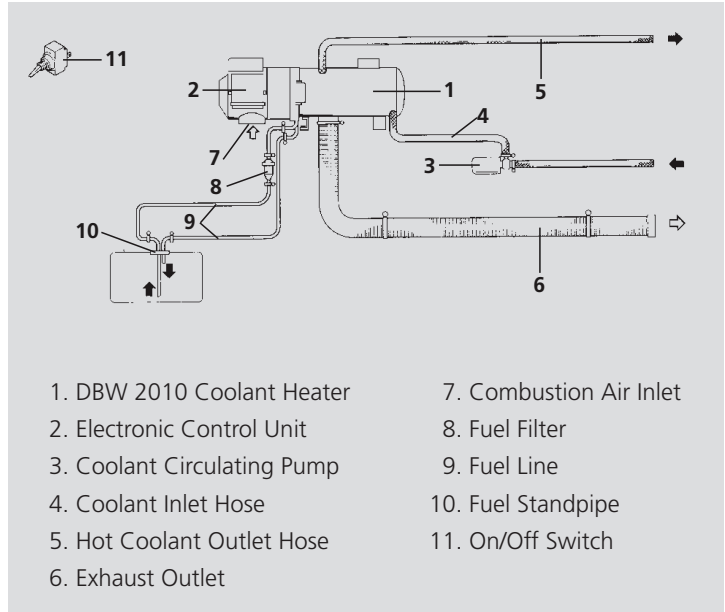
### Optional Accessories:

SmarTemp Control fx 2.0 - Part No: 5010633C

Mounting Bracket Kit (Perpendicular)\* - PN: 600050B

\*Not available for the Tray Mounted DBW 2010

## System Schematic



- |                             |                         |
|-----------------------------|-------------------------|
| 1. DBW 2010 Coolant Heater  | 7. Combustion Air Inlet |
| 2. Electronic Control Unit  | 8. Fuel Filter          |
| 3. Coolant Circulating Pump | 9. Fuel Line            |
| 4. Coolant Inlet Hose       | 10. Fuel Standpipe      |
| 5. Hot Coolant Outlet Hose  | 11. On/Off Switch       |
| 6. Exhaust Outlet           |                         |

### SmarTemp Control fx 2.0 (optional):

Part Number 5010633C



- Programmable runtimes
- Ergonomical design
- Large backlit LCD screen
- 12 or 24 Volt operation

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