**DBW 2010**

Coolant Heater

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**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

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**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

<table>
<thead>
<tr>
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<th>DBW 2010</th>
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<tbody>
<tr>
<td>Heating Capacity</td>
<td>45,000 BTU/h (13.0 kW)</td>
</tr>
<tr>
<td>Fuel</td>
<td>Diesel #1, Diesel #2, Arctic, Biodiesel B5 &amp; B20</td>
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<tr>
<td>Fuel Consumption</td>
<td>0.4 gal/h (1.5 l/h)</td>
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<tr>
<td>Rated Voltage</td>
<td>12 or 24 V</td>
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<tr>
<td>Operating Voltage Range</td>
<td>10 – 14 or 20 – 28 V</td>
</tr>
<tr>
<td>Rated Input</td>
<td>60 W (without pump)</td>
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<tr>
<td>Dimensions (L x W x H)</td>
<td>24 x 10 x 11.75 in (610 x 254 x 298 mm)</td>
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<tr>
<td>Weight</td>
<td>65 lbs (29.5 kg) w/enclosure</td>
</tr>
</tbody>
</table>

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
2. Electronic Control Unit
3. Coolant Circulating Pump
4. Coolant Inlet Hose
5. Hot Coolant Outlet Hose
6. Exhaust Outlet
7. Combustion Air Inlet
8. Fuel Filter
9. Fuel Line
10. Fuel Standpipe

SmarTemp Control fx 2.0 (optional):
Part Number 5010633C

- Programmable runtimes
- USB diagnostics
- Ergonomical design
- Large backlit LCD screen