

# Blowby Heater



Crankcase gas, also known as blowby gas, is produced in the combustion engine by leakage gas flows between the pistons, piston rings and cylinder running surfaces. In addition to oil, the blowby gas contains combustion residues as well as fuel residues and water.

These blowby gases are returned to the intake area via the crankcase ventilation.

At low outside temperatures, the water contained in the warm blowby gas condenses and subsequently freezes at the point where it enters the intake tract. This could lead to damage to the turbocharger, in the intake area or at the intake valves.

DBK Automotive offers customized heater solutions for the reliable prevention of icing, taking into account the chemical properties of the aggressive blowby gas.

The heating systems patented by DBK are based on PTC technology. The heater can be permanently energized or switched and typically operates with an output power between 5 W and 25 W.

Application examples:  
Intake manifold, pressure and flow control valve, blowby gas lines, oil separator

## Technical Features

- Voltage: typ. 12 V / 24 V DC
- Heat output: 5 W - 25 W
- Switching (e.g. via thermostat) recommended

### Possible Versions

- Blow-by heater with corrugated pipe
- Cable optionally with temperature protection
- Customized interface
- Optionally suitable for OBD



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