

---

**Cool Logic™ Fan Drives**  
for Heavy-Duty Commercial Vehicle Applications

---

**C**ool Logic heavy-duty, multi-speed fan drives are a breakthrough in engine cooling technology. Not only are they electronically controlled and maintenance-free, they provide improved fuel economy while meeting the needs of the stringent North American heavy duty truck emissions requirements.

Cool Logic drives feature electronic modulating speed control. This means precise temperature control all the time, extending the life of the entire cooling system including the radiator and charge air cooler. Couple that feature with the fuel saving fan speed control scheme and the maintenance-free design, and you're well on your way to cool savings.

*What's happening in the cab is just as important as what's under the hood. Cool Logic's actuation logic system means quiet operation for a more comfortable ride.*

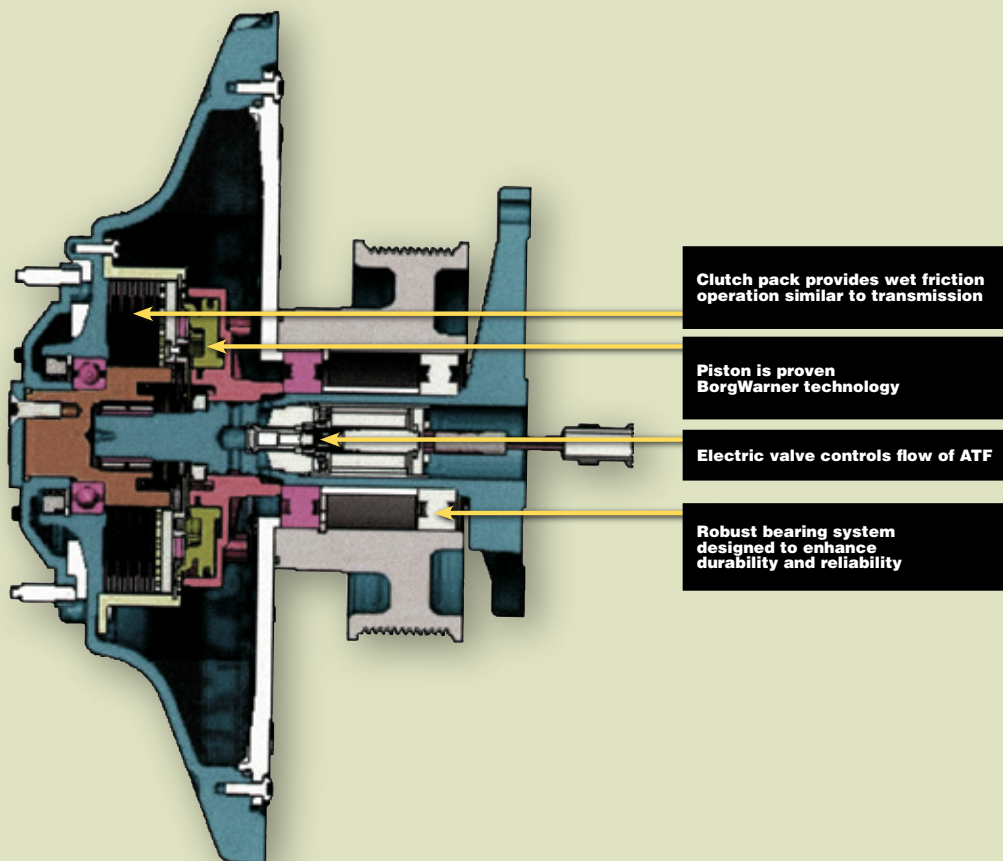


BorgWarner Thermal Systems is a single point of contact for cooling system components for passenger car, SUV, light truck, medium-duty truck, heavy-duty truck, and off-highway applications. We work with original-equipment manufacturers around the world to provide a full range of direct-actuated Viscronic® fan drives, viscous fan drives, Kysor™ on/off fan clutches, Cool Logic™ heavy-duty multi-speed drives, polymer fans, and shutters.

**cool**  
FAN CLUTCHES

## Cool Logic™ Fan Drives for Heavy-Duty Commercial Vehicle Applications

Features	Advantages	Benefits
Electronically managed through ECM	Precise temperature control & reduced cooling system stress	Extends the life of the entire cooling system, including the radiator and charge air cooler, thus reducing operation costs
	Simplified vehicle interface	Eliminates air system components & their associated failure costs
Self-contained device	Maintenance free	Eliminates the costs associated with routine & preventive service
Fan speed control	Fuel economy	Provides fuel cost savings, positively impacting the bottom line
	Quiet operation	Increases driver comfort, which is a key factor in driver retention



### Worldwide Technology Centers

1507 South Kalamazoo Avenue  
Marshall, MI 49068 USA

Planckstrasse 4 + 6  
D-88677 Markdorf Germany

[www.bwthermal.com](http://www.bwthermal.com)



**BorgWarner  
Thermal Systems**