

# RCV250 Fully-Variable Fan Drive



A high-torque, compact fan drive engineered for precision control of larger cooling fans.

- **Maximum uptime**
  - Maintenance-free
  - No friction liners or wear parts to replace
- **Damage-resistant fan drive design**
  - Unexposed control harness means no drive replacement if belt breaks
- **Less noise and low off speed**
  - Fan only engages at the amount needed for proper cooling
- **Maximum fuel efficiency and available engine horsepower**
  - Fully-variable operation



## RCV250 Fully-Variable Fan Drive Specifications

Maximum torque	Up to 250 N-m [2113 in.-lbs.] (on/off), 225 N-m [1991 in.-lbs.] (fully variable)
Typical fan blade capacity	Configurations of 6–13 blades; 660–1092 mm [26–43 in.] diameters
Typical engine horsepower range	350–500 kW [469–671 hp]

(Optional)



Di+™ Controller

The Horton RCV250 is engineered for use with Horton or competitive fans and can be combined with an optional J-1939-compatible Di+ Controller for customized precision-cooling control.

### ENGINEERED FOR:

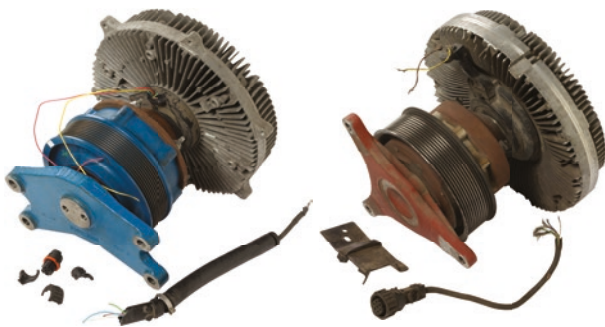


## Additional Product Benefits

- Innovative design provides faster response time and lower off-speed for maximum efficiency
- Uses Horton's industry-leading, double row, angular contact (DRAC) bearing for increased durability and product life
- Hub bearing supports only belt loads, which decreases bearing load and increases product life
- More compact and lighter weight versus competition with Horton's one-piece design for ease of installation

## Uptime Matters

Competitive drives employ a fan drive design wherein the control harness would be exposed to damage caused by fraying or broken belts. The result is usually a full component replacement. Horton's RCV250 uses a rigid center shaft with the control harness running through the center, thereby protecting it from the belt and other potential harm.



Fan drive damage caused by a frayed or broken belt



The Horton RCV250 design with integral control harness

## Committed to Your Ideal Airflow Solution

*Horton® is the premium provider of engine cooling solutions worldwide. Our culture of innovation delivers high-performance products that last and services that help you meet your commitments. Trust Horton to help your products last longer, run quieter and consume less fuel.*

Horton is IATF 16949, ISO 14001 and ISO 9001 certified.