

LCV80 Fully-Variable Fan Drive



Maintain peak engine performance with this compact, fully-variable fan drive for medium-duty trucks and off-highway applications.

- **Less noise and more available horsepower**
 - Fan only engages at the amount needed for proper cooling
- **Maximum fuel economy**
 - Viscous fan drive matches engine's precise cooling needs
- **Long life**
 - Fully-sealed, durable construction
- **Maximum cooling efficiency**
 - Innovative reservoir, actuator and valve system delivers rapid response time
- **Greater heat dissipation**
 - Optimized fin arrangement



LCV80 Fully-Variable Fan Drive Specifications	
Maximum torque	80 N-m [710 in.-lbs.]
Typical fan blade capacity	Configurations of 6–11 blades; up to 750 mm [29.5 in.]
Typical engine horsepower range	90–245 kW [125–325 hp]
Weight	Approx. 4 kg [8.8 lbs.]

(Optional)



The Horton LCV80 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

- Lower idle speed [100 RPM or lower] decreases parasitic loss for more available horsepower and less fuel consumption
- Uses Horton's industry-leading, double-row, angular-contact (DRAC) bearing for increased durability and product life

Nylon, Metal & Composite Fans

Horton's innovative lines of nylon, metal and composite fans are designed for a broad range of applications and operating conditions.

Designed to provide increased airflow and optimal cooling, there is a Horton fan to meet your needs.



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.