

EMP

POWERING THE FUTURE™

TK 2 COOLING KIT

COOLING NEEDS?

- Engine Overheating
- Engine De-Rate
- Limited Cooling Capacity
- All Engine Years, Including 2007 and Beyond

COOLING SOLUTIONS:

- Reduce Maximum Coolant Temperature
- Eliminate Engine Power Cut-Back/Extend Engine Life
- Frame and Body Mounted (No Ram Air Required)
- Fan Reversibility to Clean Debris
- Fan Speeds Custom Programmed
- Minimize Cooling System Power Consumption
- Robust, Long-Life Brushless Electric Fans/Water Pump
- Application/Technical Support



TK 2 COOLING KIT



MARKETS

- On-Highway • Off-Highway
- Specialty

**SIMPLY THE BEST COOLING
SYSTEM ON THE MARKET**

IDEAL FOR COMMERCIAL & HYBRID VEHICLES

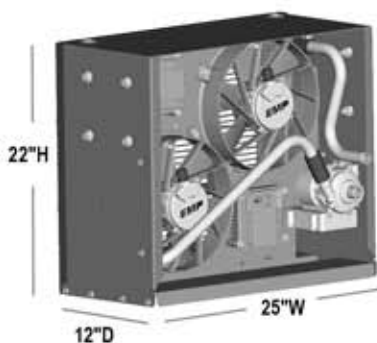


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TK 2 COOLING KIT



BASE KIT FEATURES

Reduce Main Engine Fan Duty Cycle
 Fully Controllable or Single Speed
 Increase Efficiency; Improve Packaging
 Fan Reversibility to Clean Debris
 12 / 24 VDC
 Long Life, Brushless, Sensorless Motors
 Corrosion and Water Resistant
 Robust Design
 CAN Capable
 Uses Standard 1" Hose

KIT SPECIFICATIONS

Power Supply: 12 / 24 VDC
 Size: 25"H x 22"W x 12"D
 Maximum Current Draw: 60A @12V; 30A @24V

BASE KIT INCLUDES

(1) Housing Assembly
 (2) F-11 Electric Fans
 (1) WP29 Water Pump
 (1) C20 Controller
 (1) CM20 Controller
 (1) High Performance Aluminum Core Radiator
 (1) Fluid Temperature Sensor
 System Harness with Fused Power Circuits and
 Threaded Stud External Connections
 Integrated Flexible Mounting System

BASE KIT OPTIONS

Pre-Bent & Pre-Drilled Kit Frame Mounts
 Custom Vehicle Cooling System Interface Pipes
 Custom Software Calibrations
 PC Based Diagnostic Tools

PRODUCT APPLICATIONS

Auxillary Engine Cooling
 HVAC Condenser Cooling
 Hybrid Electronics Cooling

COOLING KIT COMPONENTS



F-11 ELECTRIC FAN



C20/CM20 CONTROLLER



WP29 WATER PUMP