QT6100/ QT6101/ QT6104

QwikSwap™
The ECM Motor Change-Out Solution...
That’s On Your Truck!

- Direct replacement for any Constant Torque or Variable Air Flow ECM motor up to 1 HP
- *The solution is on your truck* — No need to wait and pay for that expensive OEM motor replacement
- Provides Variable Blower Air Flow (except the X1, QT6101)
- Fast Replacement, without programming; simply transfer the connection from the ECM motor to the QwikSwap™ Board and wire the QwikSwap™ board to any PSC motor
- Both the QwikSwap™ X3 and V3 automatically select the optimum PSC motor blower speed (Low, Medium or High) every time the unit cycles on
- Both the QwikSwap™ X3 and V3 provide improved humidity removal compared to fixed-speed operation (56% improvement at 82°F, 157% at 97°F outdoor air temperature)
- Patent-pending high efficiency designs
- Equipped with 6,000 Amp, 100 Joules surge protection on all high voltage circuits
- Both the QwikSwap™ X3 and V3 work with *optional Humidity Sensor* (QT6001) for enhanced humidity removal

A QwikSwap™ for all ECM Motors!

*ECM Constant Torque Motors*

*Use...*
- QT6100
- QwikSwap™ X3
- *Or...*
- QT6101
- QwikSwap™ X1

*ECM Variable Air Flow Motors*

*Use...*
- QT6104
- QwikSwap™ V3
QwikSwap™

The Low-Cost, Robust Alternative to Expensive Unreliable ECM Motors

It is impractical to have all the different variations of ECM motors on the truck, so a failed ECM blower motor typically means a trip to the parts house and a few hours wasted.

Now you can have the solution on the truck and save money too.

QwikSwap™ is a money saving solution that allows the replacement of a failed OEM ECM, X13® or SelecTech® Motor with a lower cost, more reliable, Permanent Split Capacitor (PSC) motor, along with a capacitor.

There is a QwikSwap™ board for every type of ECM motor...

and it is a solution you can have on the truck, and no custom programming is required. QwikSwap™ boards operate with any PSC motor up to 1 horsepower, either 120 or 240 VAC single phase.

QwikSwap™ X1 (QT6101)
The basic QwikSwap™ X1 (QT6101) provides a single technician-selected motor speed when replacing a failed OEM Constant Torque ECM, X13® or SelecTech® motor. Installation is as easy as moving wires from the failed ECM motor to the QwikSwap™ X1 board, then connecting the replacement PSC motor’s common and power lead to the QwikSwap™ X1 board (along with a capacitor).

QwikSwap™ X3 (QT6100)
QwikSwap™ X3 (QT6100) provides replacement of a failed OEM Constant Torque ECM, X13® or SelecTech® motor with Permanent Split Capacitor (PSC) motor while also ADDING performance improving variable blower air flow capability - like high end systems have. Installation is as simple as moving the wires from the failed ECM motor to the QwikSwap™ X3 board, then connecting the replacement PSC motor’s common and three power leads (one for each speed) to the QwikSwap™ X3 board (along with a capacitor).

QwikSwap™ V3 (QT6104)
QwikSwap™ V3 (QT6104) provides replacement of a failed OEM Variable Air Flow Rate ECM 2.0, 2.3, 2.5 or 3.0 motor with a Permanent Split Capacitor (PSC) motor while maintaining variable blower air flow capability. As with any QwikSwap, installation simply requires moving wires from the failed ECM motor to the QwikSwap™ V3 board, then connecting the new PSC motor’s common and the three power leads (one for each speed) to the QwikSwap™ V3 board (along with a capacitor).

Optional Humidity Sensor (QT6001)
While QwikSwap™ X3, QwikSwap™ V3 and our QwikSEER+® WattSaver all provide variable blower air flow leading to improved humidity removal, if humidity remains an issue these control boards have a simple plug-in connection for this optional humidity sensor. When installed on the control board and the relative humidity in the return air is measured to be greater than 50%, the control board control logic changes from maximizing performance to maximizing moisture removal. Once the humidity drops to below 50%, the control board returns to optimizing performance.

For more details or information about QwikSwap™ visit www.qwik.com

Mainstream Engineering Corporation®
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www.qwik.com

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