

# Qwik**Swa**

Universal ECM Blower Motor Replacement

OT6100/ OT6101/ OT6104

- 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 Owik**Swap™** Board and wire the Qwik**Swap**<sup>™</sup> 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)

# A Qwik**Swap**™ for all ECM Motors!

ECM Constant **Torque Motors** 

Use...

OT6100 Qwik**Swap™ X3** 

Or...

OT6101 QwikSwap™ X1





- Patent-pending high efficiency designs
- ▶ Equipped with 6,000 Amp, 100 Joules surge protection on all high voltage circuits
- ▶ Both the Qwik**Swap™ X3** and **V3** work with *optional Humidity Sensor* (QT6001) for enhanced humidity removal



# QwikSwap

# Qwik**Swap**™

### 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.

Qwik**Swap**<sup>™</sup> 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. Qwik**Swap** $^{\text{m}}$  boards operate with any PSC motor up to 1 horsepower, either 120 or 240 VAC single phase.



#### — QwikSwap™ X1 (QT6101)

The basic Qwik**Swap™ 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 Qwik**Swap™ X1** board, then connecting the replacement PSC motor's common and power lead to the Qwik**Swap™ X1** board (along with a capacitor).



#### Qwik**Swap™ 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).



#### Qwik**Swap™ V3 (QT6104)**

QwikSwap<sup>™</sup> 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<sup>™</sup> V3 board, then connecting the new PSC motor's common and the three power leads (one for each speed) to the QwikSwap<sup>™</sup> 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 humidly remains an issue these control boards have a simple plug-in connection for this optional humidly 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

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