

## TECHNICAL NOTE

## Speed Adjustment

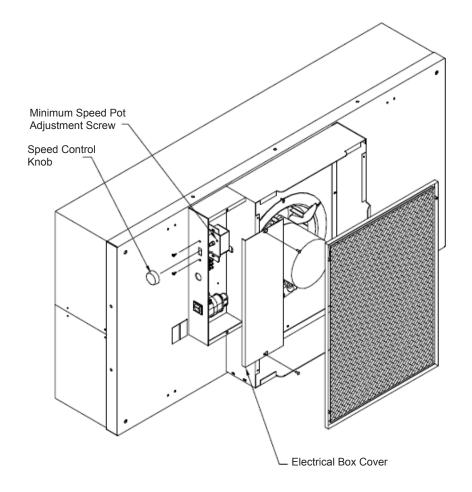
Rework instructions for the adjustment of a speed control that has been determined in need of adjustment.

## Rework Instructions

\*\*\*USE APPROPRIATE CAUTIONS WHEN WORKING WITH ELECTRICAL COMPONENTS\*\*\*

- 1. Make sure that the power input has been removed and the On/Off switch is in the Off position.
- 2. Remove the prefilter from the fan filter unit (FFU).
- 3. Place a reflective tape on the blower wheel, per standard procedures.
- 4. Remove the screws to the electrical box cover and remove the cover from the FFU.
- Remove the speed control (TRIAC) knob.
- Remove the screws that hold the speed control to the electrical box.
- Pull the speed control away from the electrical box, far enough to access the minimum speed pot adjustment screw.
- 8. Attach the appropriate input power to the FFU.
- 9. Turn the On/Off switch to On.
- 10. Turn the speed control stem to the lowest speed.
- 11. Using a photo-tachometer, measure the RPM value. Make adjustments to the minimum speed pot, as required, to achieve 50% (target number) of the motor's rated RPM (-0%/+5% of the target number).

For example, a motor with 1075 rated RPM = target values of 538-565 RPM (538 equals 50% of rating and 565 equals the +5% of 538).



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