



# Envirovent Motor Replacement

1. REMOVE ENVIROVENT ASSEMBLY FROM KILN STAND. PLACE ENVIROVENT ON STABLE WORK SURFACE WITH BLOWER ASSEMBLY ORIENTED TOWARDS THE TOP.
2. REMOVE THE THREE #8 HEX HEAD SHEET METAL SCREWS THAT FASTEN THE BLACK BLOWER ASSEMBLY TO THE CAST ALUMINUM TRANSITION PIECE. REMOVE THE FIVE #10 HEX HEAD SHEET METAL SCREWS THAT FASTEN THE BLACK BLOWER ASSEMBLY TO THE STAINLESS STEEL PLENUM CHAMBER. SAVE THESE SHEET METAL SCREWS FOR LATER ASSEMBLY.

IF ONLY THE BLOWER FAN IS BEING REPLACED, REMOVE THE OLD FAN AND INSTALL THE NEW FAN BEFORE PROCEEDING. FAN REMOVAL CAN BE DIFFICULT DUE TO THE HARSH ENVIRONMENT CAUSING THE FAN TO SEIZE ON THE MOTOR SHAFT. IT IS RECOMMENDED THAT THE MOTOR AND FAN ASSEMBLY BE CHANGED AS A COMPLETE UNIT.

3. USING A SHARP TOOL SUCH AS A RAZOR BLADE KNIFE, CAREFULLY CUT THE CLEAR SILICONE SEALER SO THE BLOWER ASSEMBLY CAN BE REMOVED. NOW SCRAPE OFF ANY REMAINING SILICONE SEALER FROM THE TRANSITION PIECE AND THE STAINLESS STEEL PLENUM.
4. USE ALCOHOL TO WIPE DOWN THE AREAS THAT HAD SILICONE SEALER REMOVED BY SCRAPING. THIS WILL PREPARE THE AREA FOR NEW SILICONE SEALER.
5. POSITION THE NEW BLOWER ASSEMBLY IN PLACE AND REINSTALL THE THREE #8 HEX HEAD SHEET METAL SCREWS IN THE TRANSITION PIECE AND THE FIVE #10 HEX HEAD SHEET METAL SCREWS IN THE BLOWER ASSEMBLY.
6. REINSTALL NEW SILICONE SEALER WHERE OLD SILICONE SEALER WAS REMOVED. ALLOW SEALER TO CURE FOR 24 HOURS BEFORE USING UNIT.
7. TEST RUN BLOWER MOTOR FOR ONE HOUR PRIOR TO INSTALLING ON KILN TO DETERMINE PROPER OPERATION.
8. THE ENVIROVENT CAN NOW BE INSTALLED ON KILN.