

- CHECK TO INSURE ALL PLACEMENT AND INSTALLATION ITEMS HAVE BEEN REMOVED, INCLUDING SHIPPING BRACKETS.
- FILTERS WITH WIRE BACKING IN BOTH AIRSTREAMS AHEAD OF THE HEAT WHEEL TO PROTECT WHEEL MEDIA FROM LARGER OBJECTS ARE RECOMMENDED.
- CHECK THE ADJUSTMENT OF THE BRUSH SEALS MOUNTED ON THE WHEEL FRAME TO INSURE PROPER CONTACT. THEY SHOULD MAINTAIN LIGHT CONTACT WITH THE ROTOR. EXCESSIVELY TIGHT SEALS MAY OVERLOAD THE DRIVE MOTOR & PREMATURELY WEAR THE SEAL BRISTLES. THE WHITE DIVIDER SEALS SHOULD JUST TOUCH THE MEDIA SURFACE. AT THE CLOSEST POINT IN THE WHEEL ROTATION. EXCESSIVE INTERFERENCE WILL DAMAGE THE MEDIA IMMEDIATELY AND REPAIR IS NOT POSSIBLE.
- VERIFY THE WHEEL ROTATES FREELY BY HAND PRESSURE ON THE WHEEL RIM.  
**CAUTION:** MEDIA IS EASILY DAMAGED! DO NOT PUSH ON THE WHEEL MEDIA.
- VERIFY ROTATION BY HAND UNDER OPERATING AIRFLOWS AND PRESSURES.
- CONFIRM THAT THE ROTOR SHAFT BEARINGS HAVE BEEN GREASED WITH A QUALITY GENERAL PURPOSE LITHIUM OR ALUMINUM BASED GREASE SUITED FOR THE OPERATING TEMPERATURE INCLUDED. ROTATE THE WHEEL SLOWLY WHILE APPLYING GREASE UNTIL GREASE IS JUST VISIBLE AT THE SEAL. DO NOT OVER GREASE!
- VERIFY THAT ALL SWITCHES, FUSES, CIRCUIT BREAKERS, OVERLOAD RELAYS AND INTERLOCKS IN THE ELECTRIC SYSTEM SERVING THE DRIVE MOTOR ARE OPERATIONAL.
- ENERGIZE THE MOTOR AND VERIFY CORRECT ROTATION DIRECTION AS INDICATED BY THE ARROW(S) ON THE SHROUD FACE OF THE WHEEL FRAME. THE WHEEL MUST ROTATE FROM EXHAUST TO SUPPLY THROUGH THE PURGE. MOTOR ROTATION DIRECTION MAY BE CHANGED IN ONE OF THE FOLLOWING WAYS BY:
  1. 1 phase AC — rewire motor per diagram shown on the motor nameplate or conduit box cover.
  2. 3 Phase AC — reverse any two of the three power conductors to the motor.
- ALLOW UNIT TO OPERATE FOR 20 MINUTES WITH OPERATING AIR PRESSURE AND AIRFLOWS AND MEASURE THE DRIVE MOTOR CURRENT TO VERIFY IT IS NOT HIGHER THAN NAMEPLATE FULL LOAD AMPS (FLA).
- CALIBRATE OPTIONAL SPEED CONTROLLER(S), ROTATIONAL DETECTOR(S), THERMOSTAT(S), PRESSURE SWITCH AND/OR TIMER. CHECK FOR WHEEL OPERATION AT ALL OPERATING MODES AND SPEED PER THE APPROPRIATE CONTROL INSTALLATION, OPERATION, AND MAINTENANCE MANUAL.