

# REPLACEMENT WHEEL BIDDING GUIDE

DESIGNED TO ASSIST IN ACCURATE BIDDING/PRICING BEFORE PROJECT



## COMPLETE THE REPLACEMENT WHEEL WORKSHEET

- o Accurate completion of this form is critical for sizing the appropriate wheel replacement.



## UNIT ACCESS:

- o How will the product be transported to the air handler?
  - Do you need equipment – lift, crane, dollies, carts, etc?
- o What type of access do you have?
  - Are there choke points - elevators, doors, access hatch, stairwells, piping connections, etc?
  - What does access into air handler itself look like - Half Doors, Full Doors, Panels?



## DEMO / INSTALLATION OF NEW WHEEL:

- o Is your team experienced with working on ERW's?
  - Airxchange recommends 2 assemblers on site for both the demolition & installation.
- o What is involved with the demo of the existing wheels?
  - Demo could take several days dependent on your teams' experience.
  - Will simple hand tools like a Sawzall do the trick? Or do you need heavier tools to cut or grind thick steel?
  - How will you dispose of the demo'd wheel?
- o What is involved with the installation of a new Airxchange Wheel?
  - **Typical Assembly takes 1-2 days:** This can vary based off wheel size and experience. Additional items like metal blank off fabrication and installation, electrical wiring and controls could extend total time.
  - **Wiring or control connections from the wheel to unit (including controllers, sensors, control hardware or programming):** To be supplied by the contractor and not included with replacement wheel
  - **New Wheel Motor:** Inverter rated motor provided for use with a VFD, Motor Started or Contactor.
  - **Airxchange Wheel RPM:** Airxchange wheels spin at a faster RPM than the original wheel by design, so the control and operation will have to account for this.
  - **Internal Cabinet Modifications:** Airxchange dimensions may vary from the existing wheel and could require minor sheet metal work to seal air streams, but not for structural support.
  - **Temporary Installation Support:** Depending on the wheel's orientation angle, temporary or permanent brackets should be used for alignment purposes and to support any cantilevered assemblies. Once level and plumb, Airxchange wheel is fully self-supporting
  - **Technical Support from Airxchange:** Product performance reports, outline drawings, assembly weights, electrical service info, and assembly instructions will be provided prior to install
  - **Airxchange On-site Supervision:** Airxchange supervision can be provided to verify proper assembly and installation, and to certify wheel operation for warranty. Airxchange Supervisor is not an assembler and is there for oversight purposes only.

