

Retrofit Measurement Guide:

This guide will assist HX Coils in determining if more accurate measurements are required. Please provide as much of the information as possible. Contact HX Coils directly when on site and we can assist you in gathering this information.

Name: _____ Company: _____ Title: _____
Phone: _____ Ext. _____ Cell: _____ E-Mail: _____
Project Name: _____ City/State: _____ Zip: _____
AHU # _____ Heat Wheel Manufacturer: _____ Model #: _____ Serial #: _____



1. Measure the casing outside dimensions in inches.

Width = _____ " Height = _____ " Thickness = _____ "

2. The intent here is to determine the safing ring diameter. This is the sheet metal opening that determines the size of the new rotor and is a critical measurement. Measure the safing ring radius in inches from the center of the shaft to the sheet metal that the seals are mounted on as shown by the white arrows. Make at least 2 or 3 measurements.

Radius #1 = _____ " Radius # 2 = _____ " Radius # 3 = _____ "

Bearing type: Pillow Block: _____ Flange: _____ Internal: _____

Bearing Manufacture: _____

Bearing Model #: _____

Power and Controls Information:

Is the unit constant or variable speed?

Variable Speed: Is a new temperature controller required?

Variable Speed: Is a new VFD required? _____ What is the available supply voltage? _____

Approximate distance from motor to control panel? _____ ,

Take detailed pictures of the bearings and bearing mounts from both top and bottom. Take pictures of the motor and controls. Take wide view pictures of the wheel in all four quadrants. Take close-up pictures of the media and seals. Take pictures of the access to the AHU and provide any additional information that may affect the project. The pictures on page 2 should be used as a guide to assist in what we are requesting.

Notes: _____

Pictures: The following pictures will help HX Coils determine the wheel type and any special requirements.

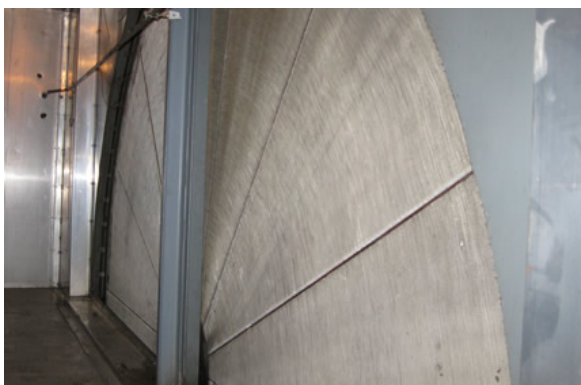


Pillow block bearing from above.



4 bolt flange bearing from below.

Close up pictures of the bearings from above and below. If possible remove bearing cover to provide the needed info and pictures. Picture or take notes of any obstructions in the bearing area.



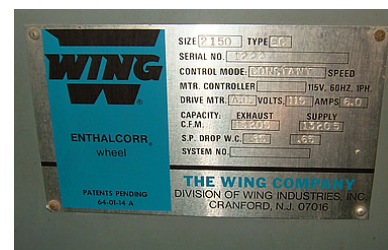
Wide view picture of wheel in return air quadrant. If possible, provide pictures in all 4 quadrants.



Provide picture of motor and any door or access requirements.



Pillow block bearing with cover removed.



Picture of wheel name plate.



Picture of Media and seal close up.



Picture showing limited access to wheel.



Picture showing wheel obstructions. The use of a tape measure in this photo will assist us in planning.

Additional Notes:

The more detail in pictures and notes provided will greatly improve our ability to eliminate the need for a more detailed measurement. **Any errors, deviations or omissions on this form may result in changes to the quoted price.** Email this PDF form to: info@hxcoils.com or fax to: 610-328-2142, Attn. Retrofit Data.