

Cost Effectively Improve HERS® Index Scores and Qualify Homes for the 45L Tax Credit by

Grading the Installation of HVAC Systems



One of the largest influences of a home's energy performance, the HVAC system in the past has been HERS® rated based on nameplate information, and not impacted by how the system was designed and installed.

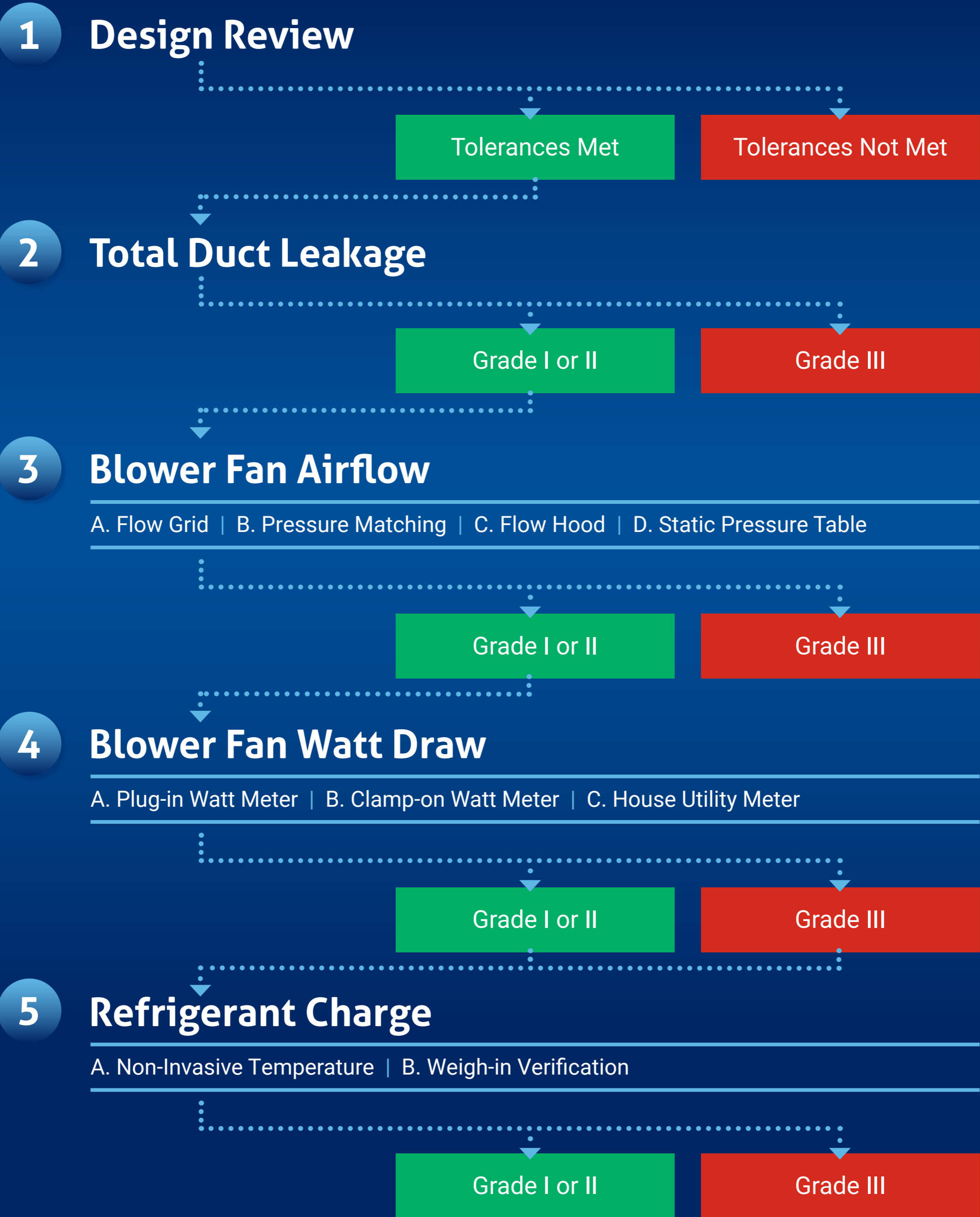
The new ANSI RESNET/ACCA/ICC Standard 310 rewards high-quality HVAC design and installation with HERS points. The standard was developed by RESNET, the HERS industry, Air Conditioning Contractors of America (ACCA), the International Code Council and the Environmental Protection Agency (EPA).

Now there are 3 HVAC installation grade levels (I, II, & III)

Grade I:	Grade II:	Grade III:
<ul style="list-style-type: none"> ▶ Rater assesses HVAC system ▶ HVAC system installation quality is above average ▶ Full HERS points are earned. 	<ul style="list-style-type: none"> ▶ Rater assesses HVAC system ▶ HVAC system installation quality is average ▶ Some HERS points are earned 	<ul style="list-style-type: none"> ▶ The default ▶ HVAC system installation quality is not assessed ▶ No HERS points earned (but no penalty)

→ **Grade I installation could reduce HERS Index Scores by as much as 6 points!** (depending on climate zone)

Process for Grading the Installation of HVAC Systems in HERS Ratings



Standard 310 Training Is Required:

- ▶ For certified RESNET HERS Raters or Rating Field Inspectors (RFIs) who choose to work on ratings that show credit for HVAC grading.
- ▶ For Quality Assurance Designees who perform QA reviews on any ratings that show credit for HVAC grading.

The required training consists of a four-part series of online self-guided modules (approximately 4.5 hours)

Participating Raters and RFIs are required to pass a field practical assessment overseen by a qualified QAD.

This is a major opportunity for the HERS Industry, builders, quality HVAC contractors & manufacturers:

- Makes proper design and installation more valuable than ever
- Awards the increased performance of a system based upon the inspection and testing of the system by a certified RESNET HERS® Rater
- Sets a realistic level of the performance of an HVAC system in the HERS reference home
- Reunifies the process of doing a HERS rating and earning ENERGY STAR