

# Setting the Sights on Ducts

**John Jennings**, Technical Director  
Conservation Services Group, Inc.  
RESNET Conference  
February 25, 2003  
San Diego, CA



# What Are We Doing Now?

- Subtraction
- Pressure Pan
- Flowhood
- Ductblaster
- House Pressure Method
- Other . . .
- Nothing

# Subtraction



# Pressure Pan





# Ductblaster



# Flowhood



# Not a Darn Thing!





# Why?

- What factors affect the decision to test or not to test and which method to use?
  - Requirements
  - Payment
  - Visual Inspection
  - Duct Location or Type
  - Contractor Performance



# What Kind of Results Are We Getting?

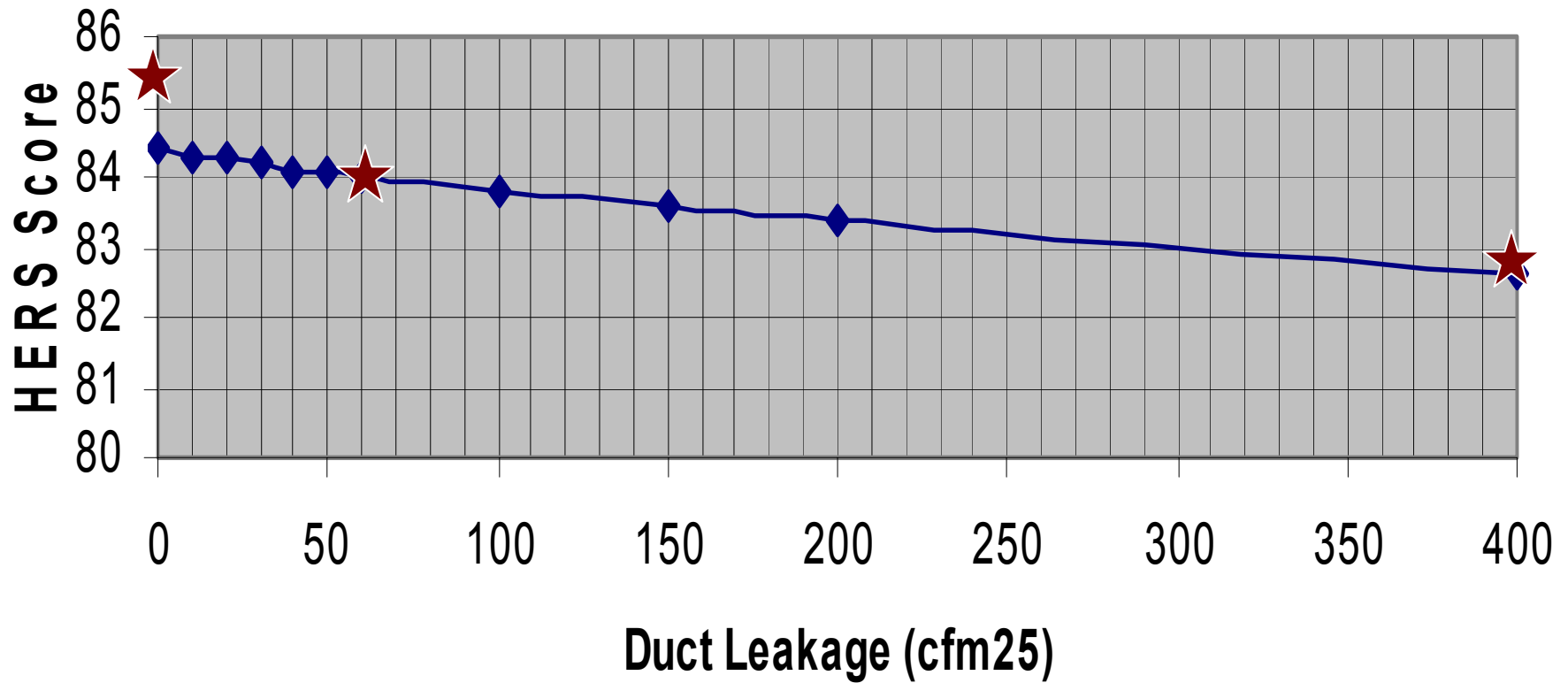
- How leaky is leaky?
- How tight is tight?
- Inside/Outside – Do we care?

# HERS Default Duct Leakage Estimate Categories

- Proposed Leak Free
- No Observable Leakage
- Observable Leakage Pathways

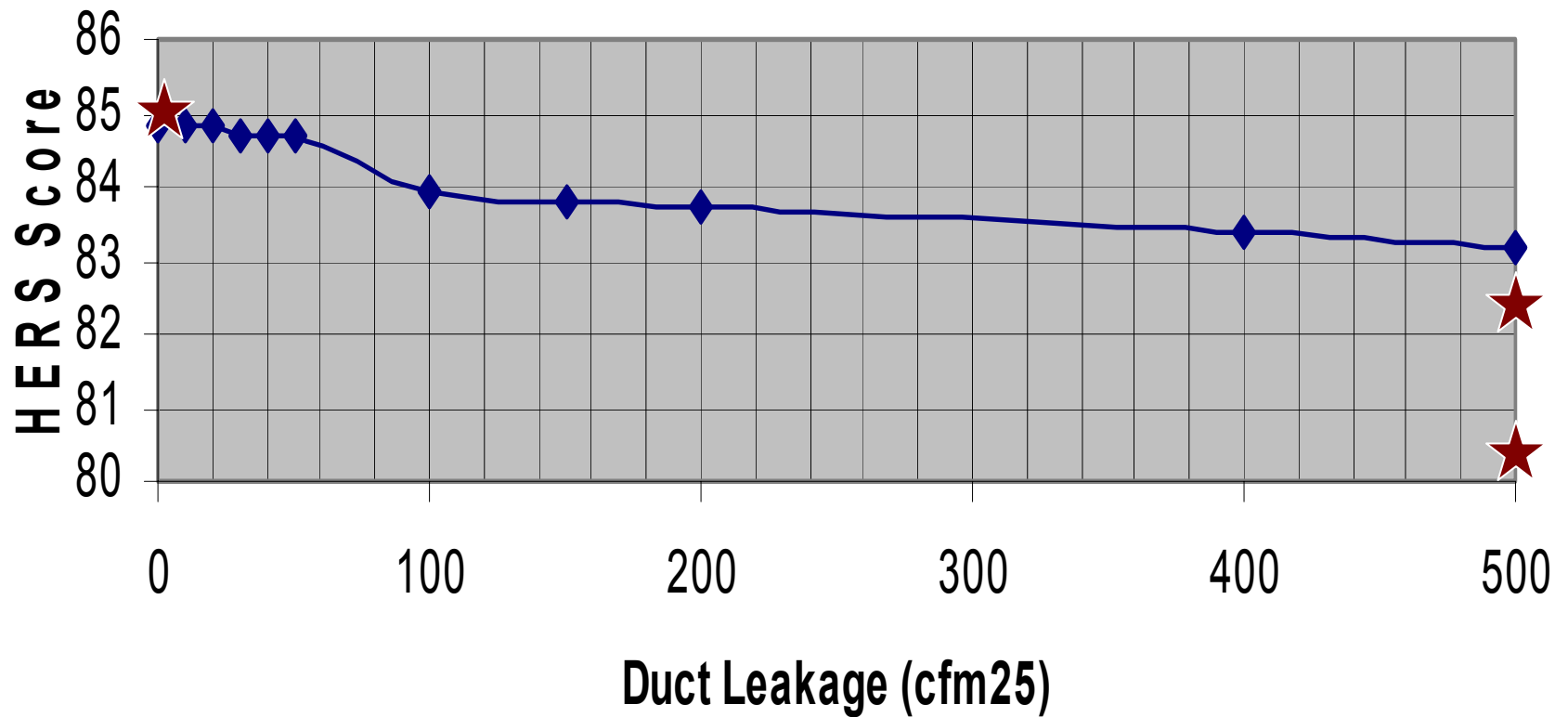
# Duct Leakage vs. HERS Scores

Stars Indicate HERS Default Results



# Duct Leakage vs. HERS Score

Stars indicate HERS default scores





































# What Difference Does it Make?

- What is the impact of duct leakage on Rating scores?
  - Example 1: Leakage Range of 0-400 = Score Range of 84.4 – 82.6
  - Example 2: Leakage Range of 0-500 = Score Range of 84.8 – 83.2
- Ratings vs. Reality
- Do you want to be a number generator?
- Or do you want to make houses better?

# Contact Information

John Jennings

Technical Director

Conservation Services Group, Inc.

[john.jennings@csgrp.com](mailto:john.jennings@csgrp.com)

[www.csgrp.com](http://www.csgrp.com)