

The Energy Conservatory Duct Blaster Field Calibration Plate



- The Field Calibration Plate allows you to quickly check the calibration of the entire Duct Blaster System with DG-700 gauge.
- The calibration plate, which contains a 5 inch diameter hole, is mounted on the square transition piece that is connected to the end of the flex duct.
- The Duct Blaster fan is turned on to pull air through the calibration plate and simulate a duct leakage test.
- Results from the simulated test are compared to the known leakage rate to determine if the entire system is within a +/- 3% accuracy range.
- Can be used to document calibration compliance for testing programs such as California Title 24 and RESNET Home Energy Ratings.

To Use:

- Tape the field calibration plate to the end of the square transition piece:
- Line up the outside edge of the calibration plate with the outside edge of the square transition piece.
- Orient the calibration plate so that the label side of the plate (textured surface) is facing out and the smooth side is facing toward the inside of the flex duct.
- Tape the calibration plate to the square transition piece along the entire seam.
- Make sure there are no obstructions in front of the calibration plate.

Field Calibration Check Procedure Minneapolis Duct Blaster System (with DG-700)

The following procedure uses a Duct Blaster Field Calibration Plate to perform a field calibration check on your Series B Minneapolis Duct Blaster System (with DG-700 gauge). The field calibration plate is designed to simulate a duct leakage test with a leakage rate of 106 CFM @ 25 Pascals.