

### Changes to Duct Model in IC3 version 4.3

We have altered our duct model to improve accuracy in IC3 calculations. These changes required an alteration of the user's inputs as detailed below.

The input 'Ducts in Conditioned Space' has been removed. Instead, the range of the input field on the Roof panel labeled 'Fraction of Duct Area Outside of Conditioned Space' has been altered. It may now take a value of 0 or a value in the range: (0.5, 1.0).

For a house whose ductwork is wholly in conditioned space, where you would have previously checked the Ducts in Conditioned Space field, you will now, instead, enter 0 in the Fraction of Duct Area Outside of Conditioned Space input field. This will represent the same project.

A new checkbox field has been added called 'Duct Systems Tested'. This is to be checked whenever a blower door test is run. In Texas, this is required except when the attic is sealed or when the ducts are completely in conditioned space (fraction set to 0 as described above). However, some cities in Texas require duct testing even in these cases, so you are always allowed to check this box.