

ENERGY STAR[®]

Residential New Construction Programs

Historical Document

This document is provided for reference because it has been superseded by a more recent Version or Revision. Please find current program documents on the [Program Requirements](#) webpage.

Use of older Versions and Revisions, such as this document, are typically limited to homes and buildings with a permit date (or, for manufactured homes, a production date) prior to a specified date. Consult the [Implementation Timeline](#) table to assess whether a home or apartment is still eligible to be certified using this document.

For questions or more information, contact us at energystarhome@energystar.gov.



ENERGY STAR Single-Family New Homes

National HVAC Design Report (Supplement), Version 3 / 3.1 (Rev. 11)

Footnote 32 of the National HVAC Design Report, ENERGY STAR Single-Family New Homes, Version 3 / 3.1 (Rev. 11) allows designers to provide supplemental documentation with room-by-room and total design airflows in lieu of completing Item 5.5 of the report. This is most often required when the total number of rooms exceeds the number of lines provided on the report. This supplemental document is permitted, but not required, to be used to document such designs.

5. Duct Design					
5.5 Room-by-room design airflows documented below (which must sum to mode with the higher airflow in Item 5.2 of the National HVAC Design Report):					
Room Name	Design Airflow (CFM)	Room Name	Design Airflow (CFM)	Room Name	Design Airflow (CFM)
1		21		41	
2		22		42	
3		23		43	
4		24		44	
5		25		45	
6		26		46	
7		27		47	
8		28		48	
9		29		49	
10		30		50	
11		31		51	
12		32		52	
13		33		53	
14		34		54	
15		35		55	
16		36		56	
17		37		57	
18		38		58	
19		39		59	
20		40		Total for all rooms	