

Infiltration – Unconditioned Space Infiltration

Vented Attic (ACH)	2.0	Unvented Crawlspace (ACH)	0.2
Vented Crawlspace (ACH)	1.0	Unconditioned Basement (ACH)	0.2
Unvented Attic (ACH)	0.2	Garage (ACH)	1.0

Walls / Surfaces

Typical Surfaces	TREAT Surface Code
Slab-on-Grade	Code 63
Uninsulated 2x4 Wall	Code 1
Uninsulated Floor Above Unconditioned Space	Code 328
Uninsulated Ceiling Adjacent to Attic	Code 110
Crawlspace Dirt Floor	Code 751
Uninsulated Crawlspace Walls	Code 23
Uninsulated Attic Roof	Code 375
Insulated 2x4 Wall	Code 3
Insulated 2x6 Wall	Code 13

Heating/Cooling Ductwork Percentage Allocation

1-story home, Ductwork in Attic	80% in Attic, 20% in Cond Space
1-story home, Ductwork in Uncond. Basement or Crawlspace	80% in Foundation, 20% in Cond. Space
2-story home, Ductwork in Attic	60% in Attic, 40% in Cond Space
2-story home, Ductwork in Uncond. Basement or Crawlspace	60% in Foundation, 40% in Cond. Space
Slab-on-grade foundation, Ductwork in Cond Space	100% in Cond Space

Heating/Cooling Ductwork R-Value

Ductwork in Attic or Crawlspace = R-3	Ductwork in Basement or Conditioned Space = R-0
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Heating/Cooling Ductwork Total Leakage

Qualitative Assessment of Ducts	CFM25 Supply	CFM25 Return
Very Leaky	225	225
Leaky	154	154
Average	83	83
Tight	23	23

Thermostat Settings

Heating = 67F, no setback schedule	Cooling = 76F, no setup schedule
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Domestic Hot Water

Supply Temperature = 130F	Estimated Demand = 20 Gallons/day per person
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Domestic Hot Water Piping Percentage Allocation

1-story home, Water Heater in Uncond. Basement or Crawlspace	70% in Foundation, 30% in Cond. Space
2-story home, Water Heater in Uncond. Basement or Crawlspace	60% in Foundation, 40% in Cond. Space
Slab-on-grade foundation	100% in Cond Space

Domestic Hot Water Piping R-Value

Piping in Attic or Crawlspace = R-3	Piping in Basement or Conditioned Space = R-0
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