

1. BUILDING ENVELOPE * detail tradeoffs and additional components on another page

Walls		Ceilings	
Location	Assembly Number	Location	Assembly Number
Joist Headers		Exposed Floors	
Location	Assembly Number	Location	Assembly Number
Basement Walls		Basement Slab	
Location	Assembly Number	Location	Assembly Number
Windows/Skylights		Doors	
Model	Energy Star Zone	Model	Energy Star Zone

2. MECHANICAL SYSTEMS:

HRV	Make:		Model:		
	Ventilation Rate:		Efficiency:	0°C -25°C	
Heating/Cooling	Main Heat Type:		Make:		Model:
	Fuel:			Efficiency:	
	Heat Pump	AHRI #:			
	Supplemental Heat:		Make:		Model:
	Fuel:			Efficiency:	
	Supplemental Heat:		Make:		Model:
	Fuel:			Efficiency:	
Hot Water	Type:		Make:		Model:
	Fuel:			Efficiency:	

9.36 Prescriptive Path Quick Check ¹			
Ceilings Below Attics	50 Effective ² R-value		
Cathedral Ceilings	27 Effective ² R-value		
Walls	17 Effective ² R-value		
Rim Joist	17 Effective ² R-value		
Floors Over Unheated Space	27 Effective ² R-value		
Foundation Walls	17 Effective ² R-value		
Unheated Basement Slabs ³	12 Effective ² R-value		
Doors and Windows	0.28 Maximum U(imperial)-value or 25 Min. Energy Rating		
Skylights	0.48 Maximum U(imperial)-value		
HRV	Sensible Recovery Efficiency:	60% @ 0°C	55% @ -25°C
Heating Systems ⁴	Air Source Heat Pump 14.5 SEER, 11.5 EER, 7.1 HSPF(Zone 5)		
	Electric Baseboard		
Hot Water Heater ⁴	Standby Loss Maximum ⁵ :40 Gal. = 65.2, 50 Gal. = 72.8, 60 Gal. = 80.4		

¹Please note that this is not intended as a substitute or to supersede the code requirements. This is intended as a quick check at the planning stage and by no means constitutes an exhaustive list of code requirements.

²Effective R-values take into account thermal bridging by repetitive framing members and contributions from materials that are not generally considered insulators.

³Unheated slabs only require insulation when some or all of the slab is above the frost line.

⁴Only the major mechanical systems are covered here. If you are using a different mechanical system please refer to the code for minimum requirements.

⁵The standby loss maximum is based on the volume of the hot water heater. Since this will vary from manufacturer to manufacturer these are only provided as a rough guideline.