

Washington Specifications for BPA Income Qualified Single Family New Construction Energy Conservation

All building components not listed here shall comply with the Washington State Energy Code (WSEC).

Updated June 2026

- 1) Only homes that are 1,500 square feet or smaller are eligible.
- 2) Complete all upgrades in Table 1 in every eligible home.

Table 1.

Slab on-grade construction type	R-10 at perimeter for entire depth of slab and under entire slab area
Floor over unconditioned space type	R-38
Heat Pump Water Heater	Tier 4 and listed on the Residential HPWH Qualified Products List .

- 3) **Select Qualifying Heating and Cooling Equipment in Table 2.**

Heating and cooling equipment must be a centrally zoned, ducted distribution or individually zoned, ductless distribution heat pump. Select one of the options and meet the requirements in Table 2.

Table 2. Heating and Cooling Equipment Specifications

	Option 1: Heat Pump, Central Ducted	Option 2: Heat Pump, Zonal Ductless
Efficiency	≥ 9.4 HSPF2 or NEEP-listed 8.5 HSPF2 Installed per WSEC-R 2021 Table R406.3 Option 3.6	≥ 9.0 HSPF2 Installed per WSEC-R 2021 Table R406.3 Option 3.7
Size	Heat pump sized to meet the dwelling heating load at 20 °F or at the 99.6% design outdoor temperature , whichever is warmer. Sizing calculations shall be conducted in accordance with ACCA Manual S or similar.	
Ducts	Ducts must be located inside the conditioned envelope. HVAC equipment and associated duct systems shall comply with Heat Pump per WSEC-R 2021 Table R406.3 Option 4.1.	<i>Not applicable</i>

- 4) **Select Qualifying Efficiency Package in Table 3.**

Select one of the two efficiency packages shown in Table 2. Path A emphasizes window and wall improvements while Path B emphasizes air sealing improvements.

Table 3. Efficiency Packages

	Package A	Package B
Exterior Walls	U-Factor 0.045	
Windows	U-Factor 0.20	
Air Sealing		2 ACH 50Pa Per Table R406.3 Option 2.1
Mechanical Ventilation		Heat Recovery Ventilator (65%) Per Table R406.3 Option 2.1