

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

All building components not listed here shall comply with the 2023 Oregon Residential Specialty Code (ORSC).

Updated June 2026

- 1) In every home, install a Heat Pump Water Heater that is a Tier 4 and listed on the [Advanced Water Heating Specification Qualified Products List](#).

2) **Select Qualifying Heating and Cooling Equipment in Table 1.**

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 1.

Table 1. Heating and Cooling Equipment Specifications

	Option 1: Heat Pump, Central Ducted	Option 2: Heat Pump, Zonal Ductless
Efficiency	≥ 8.5 HSPF2 / 15.0 SEER2 Installed per 2023 ORSC Table N1101.1(2) Measure Number 1	≥ 9.0 HSPF2 Installed per 2023 ORSC Table N1101.1(2) Measure Number 5
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.	

3) **Select Qualifying Efficiency Package in Tables 2 or 3 depending on HVAC equipment type.**

Table 2. Central Ducted Heat Pump System Efficiency Packages Only			
	Package A	Package B	Package C
Ducts	Ducts must be located inside the conditioned envelope. Ducts and air handling equipment shall comply with 2023 ORSC section N1105.3. Exception Item 3 of Section N1105.3 does not apply.		
Ceilings	U-Factor 0.017	U-Factor 0.017	U-Factor 0.017
Exterior Walls			U-Factor 0.045
Windows	U-Factor 0.21	U-Factor 0.21	U-Factor 0.21
Slab on-grade construction type	R-10 at perimeter for entire depth of slab and under entire slab area	R-10 at perimeter for entire depth of slab and under entire slab area	R-10 at perimeter for entire depth of slab and under entire slab area
Floor over unconditioned space	R-38	R-38	R-38
Air Sealing		2.75 ACH 50Pa Per ORSC Table N1101.1(2) Measure Number 7	
Mechanical Ventilation		66% HRV Per ORSC Table N1101.1(2) Measure Number 7	

Table 3. Zonal Ductless Heat Pump System Efficiency Packages Only		
	Package D	Package E
Ducts		
Ceilings	U-Factor 0.017	
Exterior Walls		
Windows	U-Factor 0.21	
Slab on-grade construction type	R-10 at perimeter for entire depth of slab and under entire slab area	
Floor over unconditioned space	R-38	
Air Sealing		2.75 ACH50 Per ORSC Table N1101.1(2) Measure Number 7
Mechanical Ventilation		66% HRV Per ORSC Table N1101.1(2) Measure Number 7