

WAC 51-11R-40520 Section R405.2—Mandatory requirements.

R405.2 Mandatory requirements. Compliance with this section requires compliance with those sections shown in Table R405.2. All supply and return ducts not completely inside the *building thermal envelope* shall be insulated to a minimum of R-8.

**TABLE R405.2
MANDATORY COMPLIANCE MEASURES FOR SIMULATED PERFORMANCE ALTERNATIVE**

Section	Title	Comments
General		
R401.3	Certificate	
Envelope		
R402.4	Air leakage	
R402.5	Maximum fenestration <i>U</i> -factor	
Systems		
R403.1	Controls	
R403.1.2	Heat pump supplemental heat	
R403.3.2	Sealing	
R403.3.1	Equipment and system sizing	
R403.3.3	Duct testing	
R403.3.4	Duct leakage	
R403.3.5	Building cavities	
R403.4	Mechanical system piping insulation	
R403.5.1	Heated water circulation and temperature maintenance system	
R403.6	Mechanical ventilation	
R403.7	Equipment sizing and efficiency rating	
R403.8	Systems serving multiple dwelling units	
R403.9	Snow melt system controls	
R403.10	Pool and permanent spa energy consumption	
R403.11	Portable spas	
Electrical Power and Lighting		
R404.1	Lighting equipment	
R404.1.1	Lighting equipment	
R404.2	Electric readiness	
Other Requirements		
R406	Additional energy efficiency requirements	

[Statutory Authority: RCW 19.27A.020, 19.27A.045, 19.27A.160 and chapter 19.27 RCW. WSR 20-01-047, § 51-11R-40520, filed 12/9/19, effective 7/1/20. Statutory Authority: RCW 19.27A.020, 19.27A.045 and chapters 19.27 and 34.05 RCW. WSR 13-04-055, § 51-11R-40520, filed 2/1/13, effective 7/1/13.]