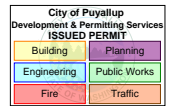


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Each dwelling unit **in a residential building** shall comply with sufficient options from Table R406.2 (Energy Equalization Credits/Options) and Table 406.3 (energy credits) to achieve the following minimum number of credits. To claim this credit, the building permit drawings shall specify the option selected and the maximum tested building air leakage, and show the qualifying ventilation system and its control sequence of operation.

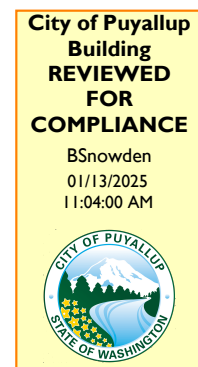
- 4. Dwelling units serving Group R-2 occupancies: **6.5 credits**
 Section R401.1 and residential building Section R202 for Group R-2.
- 5. Additions 150 square feet to 500 square feet: **2.0 credits**

The drawings included with the building permit application shall identify which options have been selected and the point value of each option, regardless of whether separate mechanical, plumbing, electrical, or other permits are utilized for the project

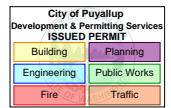
Before selecting your credits on this Summary table, review the details in Table 406.3 (Multifamily Family), on page 4.

Table R406.2 ENERGY EQUALIZATION CREDITS			
System Type	Description of Primary Heating Source	Credits - select ONE system type	
1	For combustion heating equipment meeting minimum federal efficiency standards for the equipment listed in Table C403.3.2(5) or C403.3.2(6)	0	<input type="checkbox"/>
2	For an initial heating system using a heat pump that meets federal standards for the equipment listed in Table C403.3.2(2) and supplemental heating provided by electric resistance or a combustion furnace meeting minimum standards listed in Table C403.3.2(5)b found in the 2021 WSEC- COMMERCIAL ENERGY CODE	0	<input type="checkbox"/>
3	For heating system based on electric resistance only (either forced air or Zonal)	-0.5	<input type="checkbox"/>
4 ^c	For heating system using a heat pump that meets federal standards for the equipment listed in Table C403.3.2(2) or C403.3.2(9) or Air to water heat pump units that are configured to provide both heating and cooling and are rated in accordance with AHRI 550/590	2.0	<input type="checkbox"/>
5	For heating system based on electric resistance with: 1. Inverter-driven ductless mini-split heat pump system installed in the largest zone in the dwelling, or 2. With 2kW or less total installed heating capacity per dwelling	0	<input checked="" type="checkbox"/>

- a. See Section R401.1 and residential building in Section R202 for Group R-2 scope.
- b. The gas back-up furnace will operate as fan-only when the heat pump is operating. The heat pump shall operate at all temperatures above 38°F (3.3°C) (or lower). Below that “changeover” temperature, the heat pump would not operate to provide space heating. The gas furnace provides heating below 38°F (3.3°C) (or lower).
- c. Additional points for the HVAC system are included in Table R406.3.



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Summary of Table R406.3			
Options	Energy Credit Option Descriptions	Credits – limited to one energy option from each category ^d	Comments:
1.1	Efficient Building Envelope	0.5 <input checked="" type="checkbox"/>	
1.2	Efficient Building Envelope	1.0 <input type="checkbox"/>	
1.3	Efficient Building Envelope	1.5 <input type="checkbox"/>	
1.4	Efficient Building Envelope <input type="checkbox"/>	2.0 <input type="checkbox"/>	
2.1	Air Leakage Control and Efficient Ventilation	1.0 <input type="checkbox"/>	
2.2	Air Leakage Control and Efficient Ventilation	1.5 <input type="checkbox"/>	
2.3	Air Leakage Control and Efficient Ventilation <input type="checkbox"/>	2.0 <input type="checkbox"/>	
3.1 ^a	High Efficiency HVAC	1.0 <input type="checkbox"/>	
3.2 ^a	High Efficiency HVAC	0.5 <input type="checkbox"/>	
3.3 ^{a,c,d}	High Efficiency HVAC	0 <input type="checkbox"/>	
3.4 ^{a,d}	High Efficiency HVAC	1.0 <input type="checkbox"/>	
3.5 ^d	High Efficiency HVAC	2.0 <input checked="" type="checkbox"/>	
3.6 ^a	High Efficiency HVAC	0 <input type="checkbox"/>	
3.7 ^{a,d,e}	High Efficiency HVAC	3.0 <input type="checkbox"/>	
3.8 ^{a,d}	High Efficiency HVAC	0 <input type="checkbox"/>	
3.9 ^c	High Efficiency HVAC	1.5 <input type="checkbox"/>	
3.10	High Efficiency HVAC <input type="checkbox"/>	2.5 <input type="checkbox"/>	
3.11	High Efficiency HVAC	0.5 <input type="checkbox"/>	
4.1	High Efficiency HVAC Distribution System	0 <input type="checkbox"/>	
5.1 ^d	Efficient Water Heating	0.5 <input type="checkbox"/>	
5.2	Efficient Water Heating	0.5 <input type="checkbox"/>	
5.3	Efficient Water Heating	0.5 <input type="checkbox"/>	
5.4	Efficient Water Heating	1.0 <input type="checkbox"/>	
5.5	Efficient Water Heating	1.5 <input type="checkbox"/>	
5.6	Efficient Water Heating	2.5 <input checked="" type="checkbox"/>	
5.7	Efficient Water Heating	3.0 <input type="checkbox"/>	
5.8	Efficient Water Heating <input type="checkbox"/>	2.5 <input type="checkbox"/>	
6.1 ^e	Renewable Electric Energy (4.5 credits max)	0.5-4.5 <input type="text" value="0"/>	
7.1	Appliance Package	1.5 <input checked="" type="checkbox"/>	
Total Credits		<input type="text" value="6.5"/>	<input type="button" value="Calculate Total"/>

a. An alternative heating source sized at a maximum of 0.5 Watts/ft² (equivalent) of heated floor area or 500 Watts, whichever is bigger, may be installed in the dwelling unit.

b. See Section R401.1 and residential building in Section R202 for Group R-2 scope.

c. Option 3.11 can only be taken with Options 3.1 and 3.3. To qualify to claim Option 3.11 with 3.3, the system shall be a 1-2 speed heat pump system. Variable capacity heat pumps are ineligible from claiming this option.

d. This option may only be claimed if serving System Type 4 or 5 from Table R406.2.

e. Primary living areas include living, dining, kitchen, family rooms, and similar areas.

f. Option 3.11 may only be taken with Efficient Water Heating Options 5.1 or 5.2. Equipment sizing for space heating shall be calculated as provided in Section R403.7 with increased capacity to provide a minimum of 75 percent of peak hot water demand or shall be sized in accordance with approved manufacturer's specifications or guidance. Supplementary heat for water heating system shall be in accordance with Section R403.5.7.