## Building Feature | Prescriptive 2019 Title 24 Part 6 | Notes
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**ADUs that are an Addition Alone, or Existing + Addition**

### Roof *
- **≤700 SF:**
  - Insulation to meet
  - Mandatory: CZ 2-10=R-30 / CZ1, 11-16=R-38
- **>700 SF:**
  - Prescriptive Package A:
    - Option B or C

### Walls
- **Extended Walls:**
  - 2 x 4: R-15
  - 2 x 6: R-21
- **New Walls:**
  - Prescriptive Package A

### Floor
- Prescriptive Package A
- There are no exceptions from Package A for floors of any type.

### Fenestration
- **New Fenestration:** §150.2(a)1
  - Skylights: ≤16 ft²
    - U-Factor = 0.55
    - SHGC = 0.30 **

### Solid Doors
- **New Solid Door:**
  - U-factor = 0.20 (insulated)

### HVAC & all Applicable HERS
- **HVAC:** Prescriptive Package A
- **IAQ whole building airflow is required of any new ADU**

### DHW
- **150.1(c)8 (1) Heat pump tank water heater or any number of gas tankless units**

### QII
- **>700 ft²**
  - *(not required if ≤700 ft²)*
- **QII** is prescriptively required even if the addition is a conversion of already existing conditioned space, but there are exceptions to insulated headers and air barrier verifications.

*Additions over 300 SF in Climate Zones 10-15 to meet Package A cool roof installation requirements, dependent upon roof slope.*

**CZ 1,3,5, 16 have no SHGC requirements, nor west facing limitations on area.**

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**Conversion of existing attached space**

**New build but attached**

**Conversion of existing detached space**

### COMPLIANCE DOCUMENTATION:
**Prescriptive option:**
- **CF1R-ADD-01-E** (HERS required)
  - must be registered with a HERS provider website:
    - [https://www.calcerts.com/](https://www.calcerts.com/)
    - [https://www.cheers.org/](https://www.cheers.org/)
  - or

**Performance option:**
- **CF1R-PRF-01-E:** Addition Alone, E+A or E+A+A

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**Extended Walls**
- "Extended" walls apply to walls associated with converted space (§150.2(a)1) if the existing siding is to remain, and
- Any new walls that are "extended" from any existing wall, horizontally or vertically.

**New Walls:** New walls consist of non-extended walls and converted walls with siding being replaced.
### DETACHED NEWLY CONSTRUCTED ADU

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<tr>
<td><strong>Roof</strong></td>
<td>Any size ADU is subject to Prescriptive Package A.</td>
<td>Prescriptive Option B or C including the provision that attics are to be ventilated, or use the Performance Approach.</td>
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| **Walls**        | All walls are considered “new” and are subject to Prescriptive Package A.  
                   Framed:  
                   CZ1-5, 8-16: U-factor 0.048  
                   CZ 6-7: U-factor 0.065 | |
| **Floor**        | Prescriptive Package A | Raised floor = R-19; Heated Slabs = R-5 slab edge insulation |
| **Fenestration** | All Fenestration is New: Prescriptive Package A  
                   Skylights: ≤16 ft²  
                   U-Factor = 0.55  
                   SHGC = 0.30 ** | Must meet mandatory weighted of U-factor = 0.58, in addition to using either the Prescriptive (U-factor = 0.30 and SHGC = 0.23**) or use the Performance Approach.  
Area allowance 20% of conditioned floor area, 5% west facing limitation ** per §150.1(c)3. |
| **Solid Doors**  | Solid Door:  
                   U-factor= 0.20 | Solid doors now compared to a NFRC Rating 0.20 U-Factor. Not including door between garage and home. |
| **HVAC & all Applicable HERS** | HVAC = Prescriptive Package A  
                   IAQ whole building airflow is required of any new ADU | All applicable HERS measures will apply: Duct testing; refrigerant charge; airflow and fan watt draw; IAQ including MERV-13 filters; kitchen hood; whole house fan. |
| **DHW**          | Prescriptive Package A  
                   §150.1(c)8 | If recirculation pumps are desired for any type of ADU, Demand Recirculation Systems with manual control pumps per RA4.4 shall be used or use the Performance Approach for control options. |
| **QII**          | Prescriptive Package A  
                   §150.1(c)1e | QII required as outlined in Reference Appendix RA3.5 |
| **PV**           | Prescriptive Package A  
                   §150.1(c)14 | As determined by Equation 150.1-C:  
                   \[ kWPV = \frac{(CFA \times A)}{1000} + (NDwell \times B) \] |

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** CZ 1,3,5, 16 have no SHGC requirements, nor west facing limitations on area
Additions over 300 SF in Climate Zones 10-15 to meet Package A cool roof installation requirements, dependent upon roof slope.

** CZ 1,3,5, 16 have no SHGC requirements, nor west facing limitations on area