

PART 11

EL DORADO COUNTY BUILDING SERVICES

Simplified Prescriptive Certificate of Compliance:		CF-1R-ALT-DHW- Heater
Residential Alterations - Water Heater Replacement		
Project Name:	Climate Zone #	# of Stories

General Information		
Site Address:	Enforcement Agency: El Dorado County	Date:
Permit Type <input type="checkbox"/> Single Family <input type="checkbox"/> Multi Family <input type="checkbox"/> Pool/Spa		
Project Type: <input type="checkbox"/> Alteration <input type="checkbox"/> Install New System		
Replacement or Change Out: <input type="checkbox"/> Water Heater <input type="checkbox"/> Pool/Spa Heater		
NOTE: This form is not to be used for Newly Constructed Buildings or Additions		
<i>Service water-heating system or equipment, certified by manufacturer, shall be installed according to sections 110.1, 110.3, 150.0(j), 150.1(a,c) and 150.2(b) 1G.</i>		
Alteration or Changeout		
<input type="checkbox"/> Replacement of entire system – Replacement of an entire plumbing system requires the installation of insulation according to mandatory requirements § 150(j)2. <input type="checkbox"/> Recirculation System – Recirculation system is serving multiple dwelling units only and installed according to mandatory requirements § 110.3 (c)5. <input type="checkbox"/> Pool And Spa System – Replacement of pool and spa heating equipment installed according to mandatory requirements § 110.4(b).		

WATER HEATING					
<i>List water heaters and boilers for both domestic hot water (DHW) heaters and hydronic space heating. Individual dwelling DHW heaters must be gas or propane fired, and may not exceed 55 gallons. If no natural gas is connected to the building, an electric storage DHW heater equal to or less than 60 gallons with an energy factor greater than 0.96 may be used. Hot water pipe insulation from the DHW heater to the kitchen(s) and on all underground hot water pipes is required in all component packages in all climate zones.</i>					
Water Heater Type/Fuel Type ¹	Distribution Type (Standard, Recirculating) ²	Number In System	Tank Capacity (gal)	Energy Factor or Thermal Efficiency	External Tank Insulation R-Value ³
<ol style="list-style-type: none"> 1. Indicate Type (Storage Gas, Heat Pump, Instantaneous, etc.) 2. Recirculating systems serving multiple dwelling units shall meet the recirculation requirements of §150(n). The <u>Prescriptive</u> requirements do not allow the installation of a recirculating water heating system for single dwelling units. 3. The external water heating tank and pipes shall be insulated to meet the requirements of §110.3(c) 5. 					

Contractor (Documentation Author's/ Responsible Designer's Declaration Statement)	
<ul style="list-style-type: none"> • I certify that this Certificate of Compliance documentation is accurate and complete. • I am eligible under Division 3 of the California Business and Professions Code to accept responsibility for the design identified on this Certificate of Compliance. • I certify that the energy features and performance specifications for the design identified on this Certificate of Compliance conform to the requirements of Title 24, Parts 1 and 6 of the California Code of Regulations. • The design features identified on this Certificate of Compliance are consistent with the information documented on other applicable compliance forms, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with the permit application. 	
Name:	Signature:
Company:	Date:
Address:	License:
City/State/Zip:	Phone:

This form is a modified version of the CEC CF-1R-ALT form to be used for a residential water heater replacement permit application in the County of El Dorado. It is not to be construed as an official CEC form and is used to obtain required information to meet all regulations of California Title 24 parts 1 and 6.

For assistance or questions regarding the energy standards, contact the Energy Hotline at 1-800-772-3300