



# 2016 Rulemaking Hearing Section 110.7, 150.0 & 150.1 HVAC & Water Heating

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**DOCKETED**

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## Section 110.3(c)7 – Isolation Valves

- New mandatory requirement for isolation valves when instantaneous water heaters are installed. This will greatly simplify the maintenance procedures.



## Section 150.0(h) – Liquid Line Drier

- Require liquid line filter driers on outdoor condensing units when specified by the manufacturer.
- The filter drier removes non-condensable materials from the equipment's refrigerant and is often included with the unit but sometimes not installed.



## Section 150.0(j)1 – Water Heating

- Delete Section 150.0(j)1A pertaining to external insulation wrap for storage gas water heater.
- New Federal Standard for storage water heater makes this requirement obsolete.



## Section 150.1(c)8 – Water Heating

- The primary Prescriptive Path Option changed to an instantaneous water heater that meets the federal minimum standard.
- This also sets the basis of the Standard Design under the performance approach.



## Section 150.1(c)8 (continued)

- Prescriptive Option for storage water heater equal to or less than 55 gallons is available if Quality Insulation Installation (QII) is performed and one of the following is installed:
  - A compact hot water distribution system, or
  - Insulation of all domestic hot water piping



## Section 150.1(c)8 (continued)

- Prescriptive Option for storage water heater over 55 gallons is available if one of the following is installed:
  - A compact hot water distribution system, or
  - Insulation of all domestic hot water piping



## Section 150.1(c)8 (continued)

- Delete 150.1(c)8D electric-resistance storage plus solar fraction option
  - This prescriptive option is rarely if ever used.
  - Simplifies the Standard by reducing the number of Water Heater Standard Design to one that will apply to all situations.





## Section 150.1(c)8 (continued)

- Applicable only to single dwelling units in new construction and additions
  - Does not apply to central water heating systems serving multiple units / dwellings
- Additions and Alterations
  - The proposed code change would apply to additions
  - The proposed code change would not apply to alterations (retrofits)