

315.0 Air Conditioning and Heating Systems

315.1 Requirements for Hospitals and Optional Services Provided in Correctional Treatment Centers. [For OSHPD 1 & 4]

315.1.1 The systems shall be designed to provide the temperatures and ~~humidities~~ humidity for sensitive areas or rooms shown in Table 315.

Exception: Calculations substantiating that the humidity will not be outside the range shown in Table 315 more than 0.5% of the time on an annual basis may be submitted to OSHPD as an alternate method of compliance. Humidifiers are not required if OSHPD approves the alternate method of compliance. Calculations shall be performed by a California licensed mechanical engineer and shall be based on the 1982 ASHRAE Climatic Data for Region X or other nationally recognized weather data.

315.1.2 Individual temperature and humidity controls shall be provided for each designated sensitive area or room shown in Table 315.

Exceptions:

315.1.3 (1) Dew-point control with individual overriding room humidistat will be acceptable as a substitute when justification is provided.

315.1.4 (2) ~~Rooms controlled by the same thermostat~~ with similar exposure, function and humidity requirements may have humidity control with zone humidifier where designs are specifically approved by the enforcing agency.

(3) Humidifier is not required pursuant to Section 315.1.1.

[Relocated from Section 315.1.6] 315.1.3 ~~For all other occupied areas not shown in Table 315, heating systems shall be designated~~ designed to provide 70°F to 75°F (21.1°C to 23.9°C) ~~temperatures under winter design conditions based on the Median of Extremes shown by the 1982 ASHRAE Climatic Data for Region X.~~ The systems shall be thermostatically controlled with appropriate zoning to achieve the above conditions.

[Relocated from Section 315.1.7] 315.1.4 ~~In all patient-occupied areas~~ For occupied areas not shown in Table 315, cooling systems shall be designed to provide 75°F (23.9°C) maximum based on the 0.5 percent summer design dry bulb temperatures shown by the 1982, ASHRAE Climate Data for Region X. ~~The heating and cooling systems should~~ shall be thermostatically controlled with appropriate zoning to achieve the above conditions.

315.1.5 ~~Heating systems shall have the heating capacity to provide the minimum temperatures and humidities in Table 315.~~

[Relocated to Section 315.1.3] 315.1.6 ~~For all other occupied areas, heating systems shall be designated~~ designed to provide 70°F to 75°F (21.1°C to 23.9°C) temperatures under winter design conditions. The systems shall be thermostatically controlled with appropriate zoning to achieve the above conditions.

[Relocated to Section 315.1.4] 315.1.7 ~~In all patient-occupied areas cooling systems shall be designed to provide 75°F (23.9°C) maximum based on the 0.5 percent summer design dry bulb temperatures shown by the 1982, ASHRAE Climate Data for Region X. The heating and cooling system should be thermostatically controlled with appropriate zoning to achieve the above conditions.~~

315.2 Requirements for Skilled Nursing, Intermediate Care Facilities and Basic Services Provided in Correctional Treatment Centers. [For OSHPD 2 & 4]

315.2.1 Systems shall accommodate the provisions of Section 315.1.6 through 315.1.7. 315.1.3 and 315.1.4.

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Table 315 – Heating, and Cooling, and Humidity Requirements for Sensitive Areas or Rooms

Area or Rooms Designation	Temperature Range ^{1, 2}	Relative Humidity ^{1, 3}
	°F	Percent
Operating room	68-73	30-60
Cystoscopy	68-73	30-60
Cardiac cath catheterization lab	70-75	30-60
Delivery room	68-73	30-60
Recovery room	70	30-60
Newborn nursery	75	30-60
Intensive-care newborn nursery	75-80	30-60
Intensive care	70-75	30-60

¹ Thermostats and humidistat shall be either locally resetable and of the non-locking type or remotely resetable and of the locking type.

² Where temperature ranges are indicated, the system shall be capable of maintaining the rooms at any point within the range. A single figure indicates a heating or cooling capacity of at least the indicated temperature. Temperatures different than those shown will be allowed when approved by the authority having jurisdiction.

³ The ranges listed are the minimum and maximum limits where control is specifically needed.