

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 for sensitive areas or rooms shown in Table 315.

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

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

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

315.1.5 Heating systems shall have heating capacity to provide the minimum temperatures and humidities in Table 315, in all areas occupied by patients or personnel under normal conditions of hospital operation.

315.1.6 For all other occupied areas, heating systems shall be designated 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.

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.

315.2.2 Where air conditioning is provided, the system shall be thermostatically controlled in one or more zones.

315.3 Requirements for Outpatient Facilities and Licensed Clinics. [For OSHPD 3]

315.3.1 The system shall be designed to provide the temperature and humidities for sensitive areas for rooms shown in Table 315.

Table 315 – Heating and Cooling

Area or Room Designation	Temperature Range ^{1,2}	Relative Humidity ^{1,3}
Operating room	68-73	30-60
Cystoscopy	68-73	30-60
Cardiac cath 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 resettable and of the non-locking type or remotely resettable 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.

316.0 Essential Mechanical Provisions [For OSHPD 1, 2, 3(surgical clinics only) & 4] During periods of power outages emergency electrical power shall be provided for the following equipment:

316.1 (Does not apply to OSHPD 3 surgical clinic.) All heating equipment necessary to maintain a minimum temperature of 60°F (15.6°) in patient areas which are not specified in Table 315.

316.2 All heating equipment necessary to maintain the minimum temperatures for sensitive areas as specified in Table 315.

316.3 Equipment necessary for humidification of the areas listed in Table 315.

316.4 All supply, return and exhaust fans required to maintain the positive and negative air balances as required in Table 4-A.

316.5 All control components and control systems necessary for the normal operation of equipment required to have emergency electrical power.