

## § 28a.9. Scope and effective date.

(a) Scope. This chapter applies only to commercial kennels.

(b) Effective Date. This chapter is effective on July 1, 2011.

## Appendix A

### 85 HI

## Heat Index from Temperature and Humidity

The following chart delineates the relative humidity level that shall be reached and maintained to achieve a Heat Index value of 85.

When air temperature in any part of the kennel or kennel housing facility, where any dog is housed, kept or present, including primary enclosures rises above 85° Fahrenheit the following relative humidity levels shall be achieved and maintained.

<u>Temperature (air) in Fahrenheit</u>	<u>Relative Humidity (RH)</u>
<u>86° Fahrenheit</u>	<u>40% RH or less</u>
<u>87° Fahrenheit</u>	<u>34% RH or less</u>
<u>88° Fahrenheit</u>	<u>28% RH or less</u>
<u>89° Fahrenheit</u>	<u>21% RH or less</u>
<u>90° Fahrenheit</u>	<u>11% RH or less</u>
<u>91° Fahrenheit</u>	<u>6% RH or less</u>
<u>92° Fahrenheit</u>	<u>1% RH or less</u>

Note: At temperatures in excess of 92° Fahrenheit there is no relative humidity level that will allow an HI of 85 to be achieved.

### 90 HI

## Four-Hour Window

## Heat Index from Temperature and Humidity

The following chart delineates the relative humidity levels that may not be exceeded at any time.

Once the air temperature in any part of the kennel or kennel housing facility, where a dog is housed, kept or present, exceeds 85° Fahrenheit, the kennel owner shall have no more than 4 hours to accomplish and maintain a Heat Index of 85 HI or lower, as required by this chapter. At no time during that 4-hour time period or at any other time shall the Heat Index value ever exceed 90 HI in any area, room or part of the kennel or housing facility, where a dog is housed kept or present, including primary enclosures.

<u>Temperature (air) in Fahrenheit</u>	<u>Relative Humidity (RH)</u>
<u>86° Fahrenheit</u>	<u>58% RH or less</u>
<u>87° Fahrenheit</u>	<u>53% RH or less</u>
<u>88° Fahrenheit</u>	<u>48% RH or less</u>
<u>89° Fahrenheit</u>	<u>43% RH or less</u>
<u>90° Fahrenheit</u>	<u>39% RH or less</u>
<u>91° Fahrenheit</u>	<u>35% RH or less</u>
<u>92° Fahrenheit</u>	<u>30% RH or less</u>
<u>93° Fahrenheit</u>	<u>25% RH or less</u>
<u>94° Fahrenheit</u>	<u>20% RH or less</u>
<u>95° Fahrenheit</u>	<u>13% RH or less</u>
<u>96° Fahrenheit</u>	<u>10% RH or less</u>
<u>97° Fahrenheit</u>	<u>7% RH or less</u>
<u>98° Fahrenheit</u>	<u>3% RH or less</u>

Note: At temperatures in excess of 98° Fahrenheit there is no relative humidity level that will allow an HI of 90 to be achieved.

### Cross References

This Appendix A cited in 7 Pa. Code § 28a.4 (relating to humidity levels).

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