



## Indoor Design Conditions

### **Temperature and humidity limits are important.**

To avoid damage to products, achieve proper process conditions and/or protect against illness, it is critical to keep the environment and the indoor climate within certain temperature and humidity limits.

Use the tables on the back as a guideline for recommended Relative Humidity for some common applications.

## Indoor Design Conditions

APPLICATION	°C	°F	%RH
Abrasive	26	79	50
Bread	27	81	75
Breweries	16-24	60-75	35-45
Ceramics	27	81	60-70
Cheese Curing	16-18	61-64	90
Clean Rooms	22-23	72-73	43-47
Data Centers (Class 1 and 2)	15-32	59-90	20-80
Electrical (Instruments)	21	70	50-55
Electrical (x-ray)	20	68	40-50
Electrical (Switch gear)	23	73	50
Explosives	15-20	60-68	35-75
Fruit Storage	4-7	39-45	85-90
Fur Storage	4-10	39-50	55-65
Guitars	18-24	65-75	45-55
Gum (Manufacturing)	25	77	33
Gymnasiums	20-25	68-77	30-60
Homes	21	70	25-50
Hospitals (Admin.)	21-27	70-81	30-50
Hospitals (ICU)	21-24	70-75	30-60
Hospitals (Operating Rooms)	20-24	68-75	30-60
Hot Yoga	104	40	40
Leather (Drying)	20-52	68-126	75
Leather (Storage)	10-16	50-61	40-60
Lenses (Optical)	27	81	80

APPLICATION	°C	°F	%RH
Libraries	17-22	63-72	50
Matches (Manufacturing)	22-23	72-73	50
Meat & Fish	0-1	32-34	88-92
Museums	20-22	68-72	45-55
Mushrooms	9-16	48-61	80
Office Space	21	70	20-50
Paint	16-32	61-90	80
Paper Storage	21-24	70-75	40-45
Pharmaceuticals	24	75	35-50
Photo Studio	21-22	70-72	45-55
Plastics (Manufacturing)	24-27	75-81	45-65
Plywood (Pressing)	32	90	60
Printing (Storage)	24-27	75-81	50
Printing (Web offset)	24-27	75-81	50
Retirement Homes	21	70	25-50
Rubber (Molding)	23	73	50
Schools & Universities	20-24	68-75	20-60
Steam Rooms	40	107	100
Tea Packaging	18	64	65
Textiles (Knitting)	24	75	60-65
Textiles (Spinning)	24-27	75-81	35-60
Textiles (Weaving)	24-27	75-81	70-85
Tobacco	21-24	70-75	55-65
Wine Storage	12-14	55-58	55-65

As a leading manufacturer of commercial/industrial humidification systems for more than 40 years, Nortec has the technology and application expertise to meet the needs of any application.

**Contact us today and ensure you have the best humidification solution for your people.**

**USA** 826 Proctor Avenue, Ogdensburg, NY 13669  
**Canada** 2740 Fenton Road, Ottawa, Ontario K1T 3T7  
**Tel** 1.866.NORTEC1 **Fax** 613.822.7964 **Email** nortec@humidity.com

