



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

