

Specifications

Operating Conditions

	Reference Conditions	Rated Conditions	Extreme Conditions	Transportation and Storage Conditions
Ambient Temperature	23 ± 3°C 77 ± 5°F	0 to 66°C 0 to 130°F	- 29 to 66°C - 20 to 150°F	- 29 to 66°C - 20 to 150°F
Relative Humidity	50 ± 5%	15 to 95%	5 to 98%	0 to 98%

Performance

Accuracy	<i>Relative Humidity:</i> ± 3% of total span from 15 to 95% RH. <i>Temperature:</i> ± 2% of span throughout range. Can be calibrated in the field to ± 1°F from 60° to 80°F on 0-100 range chart.
Actuation	<i>Relative Humidity:</i> Special treated nylon element. <i>Temperature:</i> Bi-metal spiral.
Temperature Effect on RH	± 2% per 22°C (40°F)

Design

Chart	Diameter 203 mm (8 inch). Calibrated width 76.2 mm (3 inch).			
Chart Ranges	Chart Part Number			
	Range	24 hour	7 day	31 day
Temperature/Humidity	0-100% RH & °F	1565T	1571T	1655T
	0 to 50°C 0 to 100% RH	1610T	1639T	
	0 to 130°F 0 to 100% RH	1628T	1634T	
Temperature only	0-100°F	1565T	1571T	
	0-50°C	1653T	1654T	
	0-130°F	1645T	1646T	
Chart Drive	24-hr, 7-day, or 31-day revolution Battery operated: 1-5 volts dc, "C" cell, replaceable from the front. Battery life is one year minimum.			
Records	<i>Humidity:</i> Red <i>Temperature:</i> Purple			
Mounting	Table, flush (duct or panel) or surface			
Weight	<i>Net:</i> 7 lbs. <i>Shipping:</i> 10 lbs.			
Standard Accessories	1 box of 100 charts, 2 sets of disposable ink cartridges, 1 battery, product manual, mounting bracket and screws, and door lock with 2 keys.			