

## Commercial Display Systems

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## **DEW POINT CHART**

## **Normal Temperature Applications**

Normal Temperature / Applications								
Glass	Ambient		Case Tempera	ature F°				
Туре	Temp F°		40°	35°	30°	25°	20°	
	70°		70%	66%	61%	58%	54%	
Two	75°		67%	63%	59%	56%	53%	
Pane	80°		64%	60%	57%	53%	50%	
Unheated	85°		60%	58%	54%	51%	49%	
	90°		58%	55%	52%	49%	47%	
Two	75°		95%	90%	86%	86%	77%	
Pane	80°		90%	85%	81%	81%	73%	
Heated	85°		86%	80%	78%	78%	69%	
	90°		82%	78%	74%	74%	66%	
	70°		74%	71%	68%	66%	62%	
Three	75°		72%	68%	66%	63%	60%	
Pane	80°		68%	66%	63%	60%	58%	
Unheated	85°		66%	64%	61%	58%	56%	
	90°		65%	62%	59%	57%	54%	
	70°		78%	75%	72%	69%	66%	
Two or Three	75°		75%	72%	69%	67%	63%	
Pane	80°		73%	70%	67%	65%	62%	
Low E	85°		71%	68%	65%	62%	60%	
	90°		68%	66%	63%	61%	58%	
		Low Temperature Applications						
Glass	Ambient			Case Temperature F°				
Туре	Temp F°		+5°	0° .	-5°	-10°	-15°	
,	70°		90%	88%	83%	81%	79%	
Three	75°		85%	81%	80%	78%	76%	
Pane	80°		80%	80%	78%	75%	72%	
Heated	85°		79%	78%	77%	73%	71%	
	90°		78%	75%	73%	71%	69%	

<sup>%</sup> Relative humidity at which condensation on glass begins to form

The data presented on these charts can be affected by numerous conditions beyond the control of CDS. It is adviseable to be conservative when selecting doors from applications where moisture free glass is an absolute requirement.