



## Commercial Display Systems

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### DEW POINT CHART

#### Normal Temperature Applications

Glass Type	Ambient Temp F°		Case Temperature F°				
			40°	35°	30°	25°	20°
Two Pane Unheated	70°		70%	66%	61%	58%	54%
	75°		67%	63%	59%	56%	53%
	80°		64%	60%	57%	53%	50%
	85°		60%	58%	54%	51%	49%
Two Pane Heated	90°		58%	55%	52%	49%	47%
	75°		95%	90%	86%	86%	77%
	80°		90%	85%	81%	81%	73%
	85°		86%	80%	78%	78%	69%
Three Pane Unheated	90°		82%	78%	74%	74%	66%
	70°		74%	71%	68%	66%	62%
	75°		72%	68%	66%	63%	60%
	80°		68%	66%	63%	60%	58%
Two or Three Pane Low E	85°		66%	64%	61%	58%	56%
	90°		65%	62%	59%	57%	54%
	70°		78%	75%	72%	69%	66%
	75°		75%	72%	69%	67%	63%
	80°		73%	70%	67%	65%	62%
	85°		71%	68%	65%	62%	60%
	90°		68%	66%	63%	61%	58%

#### Low Temperature Applications

Glass Type	Ambient Temp F°		Case Temperature F°				
			+5°	0°	-5°	-10°	-15°
Three Pane Heated	70°		90%	88%	83%	81%	79%
	75°		85%	81%	80%	78%	76%
	80°		80%	80%	78%	75%	72%
	85°		79%	78%	77%	73%	71%
	90°		78%	75%	73%	71%	69%

% 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 advisable to be conservative when selecting doors from applications where moisture free glass is an absolute requirement.