

SCHOTT Gemtron Dew Point Chart

Application Parameters for Clear Glass with SCHOTT Gemtron Refrigerated Display Doors													
SCHOTT Gemtron	Ambient	Lowest Operating Temperature °F Within The Case or Cooler											
Glass	(Room Temp)												
Type	°F	40°	35°	30°	25°	20°	15°	10°	5°	0°	-5°	-10°	-15°
3 Pane Unit													
3 Pane	70	100	100	100	100	97	94	91	88	85	82	79	77
Heated Glass	75	100	100	100	97	94	91	88	85	82	80	77	75
Heat Reflective	80	100	99	96	93	91	88	85	82	80	77	75	73
	85	99	96	93	91	88	85	83	80	78	76	73	71
	90	96	93	90	88	85	83	80	78	76	74	72	69
3 Pane	70	83	81	79	77	74	73	71	69	67	65	63	62
Unheated Glass	75	81	79	77	75	73	71	69	68	66	64	63	61
2 Panes Low E	80	79	77	75	73	72	70	68	66	65	63	62	60
Gas Filled	85	78	76	74	73	71	69	68	66	64	63	61	60
	90	76	74	73	71	70	68	66	65	63	62	61	59
3 Pane	70	80	77	75	72	70							
Unheated Glass	75	78	75	73	71	68							
1 Pane Reflective	80	76	73	71	69	67							
Title 20 Spec	85	74	72	70	68	66							
	90	72	70	68	66	65							
3 Pane	70	86	84	83	81	79	78	76	74	73	71	70	68
Unheated Glass	75	85	83	81	80	78	76	75	73	72	70	69	67
2 Panes Reflective	80	83	81	80	78	77	75	74	72	71	70	68	67
Gas Filled	85	82	81	79	78	76	75	73	72	71	69	68	67
High Performance	90	81	80	78	77	75	74	73	71	70	69	67	66
2 Pane Unit													
	°F	40°	35°	30°	25°	20°	15°	10°	5°	0°	-5°	-10°	-15°
2 Pane	70	100	100	100	100	100							
Heated Glass	75	100	100	100	100	98							
Heat Reflective	80	100	100	100	97	94							
Gas Filled	85	100	100	97	93	90							
	90	100	96	93	90	86							
2 Pane	70	79	76	73	69								
Heat Reflective	75	76	73	70	67								
Energy Free Door	80	74	71	68	65								
Gas Filled	85	72	69	66	63								
	90	70	67	64	62								

% Relative Humidity at which condensation on Glass begins to form.

CAUTION: The data presented above can be affected by numerous conditions beyond SCHOTT Gemtron control, including such factors as case/panel construction and air flow within and outside the refrigerated space. It would be wise to make a conservative selection when absolutely moisture-free glass is required.

For more information please contact

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