

ESTIMATED SHIPPING WEIGHTS																				
Doors	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
23 X 67	155	293	427	575	710	860	992	1138	1275	1420	1556	1703	1835	1985	2120	2266	2402	2547	2685	2830
Freezer	186	338	486	645	791	952	1101	1260	1410	1566	1720	1872	2025	2176	2329	2482	2635	2786	2940	3092
23 X 73	162	306	448	602	743	897	1038	1191	1333	1486	1628	1782	1925	2076	2220	2372	2515	2667	2808	2962
Freezer	196	355	513	682	837	1005	1162	1331	1487	1655	1820	1982	2145	2310	2472	2637	2800	2963	3132	3290
23 X 79	177	345	498	662	818	982	1137	1304	1457	1623	1778	1942	2098	2263	2418	2584	2738	2907	3057	3222
Freezer	200	388	567	754	933	1120	1298	1488	1664	1853	2031	2218	2397	2585	2763	2952	3129	3321	3494	3682
26 X 67	167	316	463	622	770	926	1074	1231	1378	1536	1685	1842	1988	2147	2294	2352	2600	2757	2904	3061
Freezer	190	362	532	714	885	1064	1235	1415	1585	1766	1938	2118	2287	2469	2639	2820	2991	3171	3441	3536
26 X 73	187	368	507	702	866	1040	1205	1380	1546	1720	1883	2058	2222	2396	2565	2737	2900	3075	3240	3414
Freezer	237	441	622	826	1013	1213	1402	1602	1790	1990	2185	2380	2575	2770	2961	3156	3351	3545	3740	3932
26 X 79	178	343	498	664	820	984	1140	1306	1458	1624	1778	1944	2100	2264	2419	2586	2894	3049	3175	3252
Freezer	205	397	579	772	955	1146	1329	1522	1701	1894	2075	2268	2451	2642	2825	3018	3353	3535	3688	3792
28 x 73	187	368	527	702	866	1041	1205	1380	1546	1718	1882	2058	2222	2396	2564	2737	2900	3075	3240	3413
Freezer	218	430	620	826	1021	1227	1422	1628	1825	2028	2223	2430	2625	2830	3029	3233	3427	3633	3829	4033
28 X 79	203	392	572	760	940	1128	1306	1496	1675	1863	2043	2232	2411	2600	2780	2968	3148	3336	3515	3705
Freezer	234	454	665	884	1095	1314	1523	1744	1854	2173	2384	2604	2693	3034	3245	3464	3675	3894	4104	4325
30 X 67	187	367	516	702	866	1040	1205	1380	1546	1720	1883	2058	2222	2396	2564	2737	2900	3075	3240	3414
Freezer	221	407	601	782	960	1150	1328	1520	1697	1887	2071	2255	2440	2625	2810	2992	3178	3362	3547	3731
30 X 73	195	375	545	725	894	1075	1245	1430	1595	1775	1945	2125	2295	2475	2645	2828	2995	3175	3345	3535
Freezer	233	436	620	820	1008	1210	1397	1597	1786	1985	2180	2375	2570	2763	2958	3152	3346	3540	3735	3930
30 X 79	222	430	625	832	1028	1235	1430	1680	1834	2041	2236	2443	2640	2845	3042	3250	3445	3652	3748	4055
Freezer	253	492	718	956	1183	1421	1547	1683	2113	2351	2577	2815	3043	3279	3507	3746	3972	4210	4437	4675

For Cooler doors that meet the 2009 EISA Federal Spec use Freezer door weights

**DEW POINT CHART**

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

## Commercial Display Systems

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