

## Electrical Door Frame Specifications

Normal Temperature Standard EFD	Advantage & Legacy Series																			Operating Conditions 75°F amb/35°C case/62%RH
	No Heat Door Rail & Glass with Heated Frame Rail - Amps @ 120 Volts																			
Number Of Doors																				
Series	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2367	0.32	0.65	0.97	1.29	1.61	1.94	2.26	2.58	2.90	3.22	3.55	3.87	4.19	4.51	4.83	5.16	5.48	5.80	6.12	6.44
2373	0.38	0.76	1.13	1.51	1.81	2.26	2.64	3.02	3.40	3.78	4.15	4.53	4.91	5.29	5.67	6.04	6.42	6.80	7.18	7.56
2379	0.38	0.76	1.13	1.51	1.81	2.26	2.64	3.02	3.40	3.78	4.15	4.53	4.91	5.29	5.67	6.04	6.42	6.80	7.18	7.56
2667	0.32	0.65	0.97	1.29	1.61	1.94	2.26	2.58	2.90	3.22	3.55	3.87	4.19	4.51	4.83	5.16	5.48	5.80	6.12	6.44
2673	0.36	0.73	1.09	1.45	1.82	2.18	2.54	2.90	3.27	3.64	3.99	4.35	4.72	5.09	5.46	5.80	6.17	6.54	6.91	7.28
2679	0.34	0.69	1.03	1.37	1.71	2.06	2.40	2.74	3.08	3.42	3.77	4.11	4.45	4.79	5.13	5.48	5.82	6.16	6.50	6.84
2867	0.38	0.76	1.13	1.51	1.81	2.26	2.64	3.02	3.40	3.78	4.15	4.53	4.91	5.29	5.67	6.04	6.42	6.80	7.18	7.56
2873	0.36	0.71	1.07	1.43	1.78	2.14	2.50	2.86	3.21	3.56	3.93	4.29	4.64	4.99	5.34	5.72	6.07	6.42	6.77	7.12
2879	0.38	0.77	1.15	1.54	1.92	2.30	2.69	3.08	3.46	3.84	4.23	4.62	5.00	5.38	5.76	6.16	6.54	6.92	7.30	7.68
3067	0.37	0.75	1.12	1.49	1.87	2.24	2.61	2.98	3.36	3.74	4.10	4.47	4.85	5.23	5.61	5.96	6.34	6.72	7.10	7.48
3073	0.35	0.70	1.05	1.40	1.76	2.10	2.45	2.80	3.16	3.52	3.85	4.20	4.56	4.92	5.28	5.60	5.96	6.32	6.68	7.04
3079	0.38	0.76	1.14	1.52	1.90	2.28	2.66	3.04	3.42	3.80	4.18	4.56	4.94	5.32	5.70	6.08	6.46	6.84	7.22	7.60

Normal Temperature Optional	Advantage & Legacy Series																			Operating Conditions 75°F amb/35°C case/63%RH
	Heated Door & Frame Rails No Heat Glass Combined Amps @ 120 Volts																			
Number Of Doors																				
Series	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2330	0.30	0.60	1.00	1.20	1.60	1.92	2.24	2.56	2.88	3.20	3.52	3.84	4.16	4.48	4.80	5.12	5.49	5.76	6.05	6.40
2336	0.30	0.60	0.90	1.10	1.90	1.71	1.99	2.28	2.56	2.85	3.13	2.42	3.70	3.99	4.27	4.56	4.84	5.13	5.41	5.70
2354	0.51	1.03	1.55	2.06	2.53	3.10	3.61	4.13	4.65	5.17	5.68	6.20	6.72	7.23	7.75	8.27	8.78	9.30	9.82	10.31
2367	0.53	1.06	1.59	2.13	2.66	3.19	3.73	4.26	4.97	5.33	5.86	6.39	6.92	7.46	7.99	8.52	9.06	9.59	10.12	10.66
2373	0.60	1.20	1.80	2.40	3.01	3.61	4.21	4.81	5.41	6.02	6.62	7.22	7.82	8.42	9.03	9.63	10.23	10.83	11.43	12.04
2379	0.60	1.20	1.80	2.40	3.01	3.61	4.21	4.81	5.41	6.02	6.62	7.22	7.82	8.42	9.03	9.63	10.23	10.83	11.43	12.04
2630	0.38	0.77	1.15	1.54	1.92	2.31	2.69	3.00	3.46	3.85	4.23	4.62	5.00	5.39	5.77	6.16	6.54	6.93	7.31	7.70
2667	0.54	1.08	1.62	2.16	2.70	3.24	3.78	4.32	4.86	5.41	5.95	6.49	7.03	7.57	8.11	8.65	9.19	9.73	10.27	10.82
2673	0.61	1.23	1.84	2.46	3.07	3.69	4.30	4.92	5.53	6.15	6.76	7.38	7.99	8.61	9.22	9.84	10.45	11.07	11.68	12.30
2679	0.58	1.16	1.74	2.32	2.96	3.48	4.06	4.64	5.22	5.80	6.38	6.96	7.54	8.12	8.70	9.28	9.86	10.44	11.02	11.60
2867	0.60	1.21	1.81	2.42	3.02	3.63	4.23	4.84	5.49	6.05	6.65	7.26	7.86	8.47	9.07	9.68	10.28	10.89	11.49	12.10
2873	0.60	1.20	1.80	2.41	3.01	3.61	4.22	4.82	5.42	6.03	6.63	7.23	7.83	8.44	9.04	9.64	10.25	10.85	11.46	12.06
2879	0.66	1.32	1.98	2.65	3.31	3.97	4.64	5.30	5.96	6.63	7.29	7.95	8.61	9.25	9.94	10.60	11.27	11.93	12.59	13.26
3067	0.60	1.21	1.81	2.42	3.02	3.63	4.23	4.84	5.44	6.05	6.65	7.26	7.86	8.47	9.07	9.68	10.28	10.89	11.49	12.10
3073	0.59	1.18	1.77	2.39	2.96	3.55	4.15	4.74	5.33	5.93	6.52	7.11	7.70	8.36	8.89	9.48	10.08	10.67	11.26	11.86
3079	0.65	1.30	1.96	2.61	3.27	3.92	4.57	5.23	5.88	6.54	7.19	7.89	8.50	9.15	9.81	10.46	11.11	11.77	12.42	13.08

Note: Electrical Specification charts do not contain light amperages.  
Please refer to Electrical Lighting Specifications sheet for details.

# Electrical Door Frame Specifications

Normal Temperature California/Federal Specification		Advantage & Legacy Series No Heat Door Rail & Glass with Heated Frame Rail - Amps @ 115 Volts																		Operating Conditions 75°F amb/35°C case/71%RH	
		Number Of Doors																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2367	0.31	0.62	0.93	1.24	1.55	1.86	2.17	2.48	2.79	3.10	3.41	3.72	4.03	4.34	4.65	4.96	5.27	5.58	5.89	6.20	
2373	0.315	0.63	0.94	1.26	1.58	1.88	2.20	2.52	2.84	3.15	3.47	3.78	4.10	4.41	4.73	5.04	5.36	5.67	5.99	6.30	
2379	0.31	0.62	0.93	1.24	1.55	1.86	2.17	2.48	2.79	3.10	3.41	3.72	4.03	4.34	4.65	4.96	5.27	5.58	5.89	6.20	
2667	0.34	0.67	1.01	1.35	1.68	2.02	2.36	2.70	3.03	3.36	3.71	4.05	4.38	4.71	5.04	5.40	5.73	6.06	6.39	6.72	
2673	0.35	0.70	1.05	1.39	1.74	2.10	2.44	2.78	3.13	3.48	3.83	4.17	4.52	4.87	5.22	5.56	5.91	6.26	6.61	6.96	
2679	0.33	0.66	0.99	1.32	1.65	1.98	2.31	2.64	2.97	3.30	3.63	3.96	4.29	4.62	4.95	5.28	5.61	5.94	6.27	6.60	
2867	0.36	0.73	1.09	1.45	1.82	2.18	2.52	2.90	3.27	3.64	3.99	4.35	4.72	5.09	5.46	5.80	6.17	6.54	6.91	7.28	
2873	0.34	0.68	1.03	1.37	1.71	2.06	2.40	2.74	3.08	3.42	3.77	4.11	4.45	4.79	5.13	5.48	5.82	6.16	6.50	6.84	
2879	0.37	0.74	1.11	1.47	1.84	2.22	2.58	2.94	3.31	3.68	4.05	4.41	4.78	5.15	5.52	5.88	6.25	6.62	6.99	7.36	
3067	0.36	0.72	1.07	1.43	1.79	2.14	2.50	2.86	3.22	3.58	3.93	4.29	4.65	5.01	5.37	5.72	6.08	6.44	6.80	7.16	
3073	0.38	0.77	1.15	1.54	1.92	2.30	2.69	3.08	3.46	3.84	4.23	4.62	5.00	5.38	5.76	6.16	6.54	6.92	7.30	7.68	
3079	0.36	0.73	1.09	1.45	1.82	2.18	2.54	2.90	3.27	3.64	3.99	4.35	4.72	5.09	5.46	5.80	6.17	6.54	6.91	7.28	
Low Temperature California/Federal Specification ***		Advantage & Legacy Series Heated Door, & Frames Rails Heated Glass Combined Amps @ 120 Volts																		Operating Conditions 75°F amb/-10°C case/78%RH	
		Number Of Doors																			
Series	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
2336	0.83	1.67	2.51	3.34	4.18	5.12	5.85	6.69	7.53	8.37	9.20	10.04	10.88	11.71	12.55	13.39	14.22	15.06	15.90	16.74	
2367	1.57	3.14	4.72	6.29	7.87	9.49	11.01	12.59	14.16	15.79	17.31	18.88	20.46	22.03	23.61	25.18	26.75	28.33	29.90	31.48	
2373	1.91	3.82	5.73	7.64	9.55	11.46	13.37	15.28	17.19	19.11	21.02	22.93	24.84	26.75	28.66	30.57	32.48	34.39	36.30	38.22	
2379	2.09	4.17	6.26	8.33	10.42	12.52	14.59	16.66	18.75	20.84	22.92	24.99	27.08	29.17	31.26	33.32	35.41	37.50	39.59	41.68	
2667	1.95	3.90	5.85	7.80	9.74	11.70	13.65	15.60	17.54	19.48	21.45	23.40	25.34	27.28	29.22	31.20	33.14	35.08	37.02	38.96	
2673	1.89	3.78	5.68	7.57	9.47	11.36	13.25	15.15	17.04	18.99	20.93	22.72	24.62	26.51	28.41	30.30	32.19	34.09	35.98	37.85	
2679	1.78	3.55	5.33	7.11	8.89	10.66	12.44	14.22	16.00	17.78	19.55	21.33	23.11	24.89	26.67	28.44	30.22	32.00	33.78	35.56	
2867	1.97	3.93	5.90	7.86	9.83	11.80	13.76	15.72	17.69	19.66	21.62	23.58	25.55	27.52	29.49	31.44	33.41	35.38	37.35	39.32	
2873	1.85	3.70	5.55	7.40	9.25	11.11	12.95	14.80	16.65	18.50	20.35	22.22	24.05	25.90	27.75	29.60	31.45	33.30	35.15	37.00	
2879	1.75	3.49	5.23	6.97	8.72	10.46	12.20	13.94	15.69	17.44	19.17	20.91	22.66	24.41	26.16	27.88	29.63	31.38	33.13	34.88	
3067	1.85	3.77	5.66	7.55	9.44	11.33	13.22	15.11	17.00	18.89	20.77	22.66	24.55	26.46	28.33	30.22	32.11	34.00	35.89	37.78	
3073	1.82	3.65	5.98	7.30	9.13	10.96	12.78	14.61	16.44	18.29	20.09	21.92	23.75	25.57	27.40	29.33	31.05	32.83	35.71	36.54	
3079	2.37	4.74	7.11	9.48	11.86	14.22	16.59	18.96	21.34	23.72	26.07	28.44	30.82	33.20	35.58	37.92	40.30	42.68	45.06	47.44	

\*\*\* California Specifications for a Low Temperature application, an Anti-Condensation Controller will be used.

**Note: For Low Temperature applications, the total "Amp Draw" must be considered using one "Circuit Breaker" due to the Anti-Condensation Controller controlling multiple frames in a line up.**

# Electrical Door Frame Specifications

## Electrical Lighting

### LED Lighting, Normal & Low Temp Light Amps @ 120V

Lamp Type		60" LED		Lamp Type		72" LED			
Number of Doors	Number of Lamps	Amps per Light	Total Amps	Number of Doors	Number of Lamps	Amps per Light	Total Amps		
1	2	.15A	<b>.30A</b>	1	2	.15A	<b>.30A</b>		
2	3	.18A	<b>.55A</b>	2	3	.19A	<b>.58A</b>		
3	4	.20A	<b>.80A</b>	3	4	.21A	<b>.86A</b>		
4	5	.21A	<b>1.05A</b>	4	5	.23A	<b>1.14A</b>		
5	6	.22A	<b>1.30A</b>	5	6	.24A	<b>1.42A</b>		
Average Amps per light = <b>.22A</b>				Average amps per light = <b>.24A</b>					

When calculating 6 thru 20 door light amps add 1 lamp to the number of doors, multiplied by the average amps per light

### Standard T-8 Lighting, Normal & Low Temp Light Amps @ 120V

Lamp Type		F58W/T8/840 Lamp		Lamp Type		F70W/T8/840 Lamp			
Number of Doors	Number of Lamps	Amps per Light	Total Amps	Number of Doors	Number of Lamps	Amps per Light	Total Amps		
1	2	.49A	<b>.97A</b>	1	2	.55A	<b>1.09A</b>		
2	3	.54A	<b>1.61A</b>	2	3	.61A	<b>1.83A</b>		
3	4	.49A	<b>1.94A</b>	3	4	.55A	<b>2.18A</b>		
4	5	.52A	<b>2.58A</b>	4	5	.60A	<b>2.98A</b>		
5	6	.49A	<b>2.91A</b>	5	6	.55A	<b>3.27A</b>		
Average Amps per light = <b>.51A</b>				Average amps per light = <b>.57A</b>					

When calculating 6 thru 20 door light amps add 1 lamp to the number of doors, multiplied by the average amps per light

### Commercial Display Systems

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