

Controller Power Wiring Sizing Worksheet

	PAR+ES	PAR+ES Link with Radio	PAR+ES SAT Decoder**	PAR+ES SAT Decoder Link with Radio**
Input (VAC)	117	117	117	117
Output (VAC)	26.5	26.5	26.5	26.5
Simultaneous Rain Bird Solenoids at 60 Hz (50 Hz) per Controller†	16 (12)	16 (12)	16 (12)	16 (12)
Simultaneous Rain Bird Solenoids at 60 Hz (50 Hz) per Station	4	4	2	2
AMP Draw at Rest‡	0.15	0.17	0.235	0.250
1	0.22	0.24	0.250	0.265
2	0.30	0.32	0.258	0.273
3	0.37	0.40	0.264	0.281
4	0.45	0.47	0.272	0.289
5	0.52	0.54	0.280	0.297
6	0.60	0.62	0.288	0.305
7	0.67	0.70	0.296	0.313
8	0.75	0.77	0.304	0.321
9	0.82	0.84	0.312	0.329
10	0.90	0.92	0.320	0.337
11	0.97	0.99	0.328	0.345
12	1.05	1.07	0.336	0.353
13	1.12	1.14	0.344	0.361
14	1.20	1.22	0.352	0.369
15	1.27	1.29	0.360	0.377
16	1.35	1.37	0.368	0.385

*Includes Master Valve. **Considering 72 decoders installed. † Total AMP Draw in chart is based on 117 VAC input. For 220/240 VAC input controllers, use 50% of amp draw shown in chart.