



**208 Vac Heat Panels - 600 W**  
 (5 Panels Max/12 Awg Ckt)

Qty	Ohms	Amps
1	72	2.8 A
2	36	5.5
3	24	8.2
4	18	10.9
5	14	13.8

**277 Vac Heat Panels - 600 W**  
 (7 Panels Max/ 12 Awg Ckt)

Qty	Ohms	Ampacity
1	128	2.17 A
2	64	4.34
3	43	6.51
4	32	8.61
5	26	10.85
6	21	13.02
7	18	15.19

**240 Vac Heat Panels - 540 W**  
 (7 Panels Max/12 Awg Ckt)

Qty	Ohms	Ampacity
1	107	2.25 A
2	54	4.50
3	36	6.75
4	27	9.00
5	21	11.25
6	18	13.5
7	15	15.75

**240 Vac Heat Panels - 420 W**  
 (9 Panels Max/12 Awg Ckt)

Qty	Ohms	Ampacity
1	137	1.75 A
2	69	3.50
3	46	5.25
4	34	7.00
5	27	8.75
6	23	10.50
7	20	12.25
8	17	14.00
9	15	15.75

**240 Vac Heat Panels - 300 W**  
 (9 Panels Max/12 Awg Ckt)

Qty	Ohms	Ampacity
1	192	1.25 A
2	96	2.50
3	64	3.75
4	48	5.00
5	38	6.25
6	32	7.50
7	27	8.75 A
8	24	10.00
9	21	11.25
10	19	12.50
11	17.5	13.75
12	16	15.00

**240 Vac Heat Panels - 90 W**  
 (42 Panels Max/12 Awg Ckt)

Qty	Ohms	Ampacity
1	640	.38 A
2	320	.76
3	213	1.14
4	160	1.52
5	128	1.90
6	107	2.28

**Field Wiring Diagram for Installations of Earth Storage Radiant Heating**

