

Wire size electrical load and fuse size

Table 2. Relationship between wire size, electrical load and fuse size.

| Gauge size | Maximum watts at 115V | Maximum watts at 230V | Fuse or breaker amps |
|-------------------|------------------------------|------------------------------|-----------------------------|
| 14 | 1,725 | 3,450 | 15 |
| 12 | 2,300 | 4,600 | 20 |
| 10 | 3,450 | 6,900 | 30 |
| 8 | 4,600 | 9,200 | 40 |
| 6 | 6,325 | 12,750 | 55 |
| 4 | 8,050 | 16,100 | 70 |
| 2 | 10,925 | 21,850 | 95 |
| 0 | 14,375 | 28,750 | 125 |