

In accordance with ACCA Manual J

Registered For:**The Carlo D Smith Residence**

For: house [Copy 1]
5007 40th Ave SW
Seattle, WA 98136

Design Conditions: Newville

| | | | |
|---------------------|----|----------------------------|--------|
| Indoor: | | Outdoor: | |
| Summer temperature: | 75 | Summer temperature: | 82 |
| Winter temperature: | 72 | Winter temperature: | 28 |
| Relative humidity: | 50 | Summer grains of moisture: | 100 |
| | | Daily temperature range: | Medium |

| Building Component | | Sensible Gain (BTUH) | Latent Gain (BTUH) | Total Heat Gain (BTUH) | Total Heat Loss (BTUH) |
|--------------------|-----------------------|-------------------------|-----------------------|--------------------------------------|---------------------------|
| Whole House | 1,302.5 sq.ft. | 12,332 | 2,851 | 15,183 (1.5 tons) | 17,663 |
| First Floor | | 10,039 | 1,587 | 11,626 | 11,945 |
| Bedroom | 126 sq.ft. | 1,510 | 445 | 1,955 | 2,227 |
| Bedroom (2) | 106 sq.ft. | 2,068 | 445 | 2,513 | 2,154 |
| Living Room | 394 sq.ft. | 6,308 | 675 | 6,983 | 7,272 |
| Bathroom | 40 sq.ft. | 153 | 22 | 175 | 292 |
| Basement | | 2,294 | 1,265 | 3,559 | 5,718 |
| Bedroom | 156 sq.ft. | 774 | 309 | 1,083 | 1,087 |
| Bedroom (2) | 115 sq.ft. | 431 | 302 | 733 | 940 |
| Bathroom | 64 sq.ft. | 129 | 22 | 151 | 337 |
| Hall | 36 sq.ft. | 0 | 0 | 0 | 38 |
| Rec Room | 264 sq.ft. | 960 | 632 | 1,592 | 3,316 |
| Whole House | 1,302.5 sq.ft. | 12,332 | 2,851 | 15,183 (1.5 tons) | 17,663 |