

MANUAL J8_{AE} • SUMMARY REPORT

| Project | | | Mfg. Equipment Sensible Heat Ratio | 0.83 | ACCA Manual D CFM |
|-----------------------------|---------------------------|--------------|------------------------------------|--------------|-------------------|
| Room Name | HEAT LOSS | HTG CFM | HEAT GAIN | CLG CFM | |
| 1st Family Room | 4115 | 120 | 2650 | 107 | 120 |
| 1st Office (4th Bed) | 3786 | 111 | 2259 | 91 | 111 |
| 1st Kitchen | 134 | 4 | 2542 | 102 | 102 |
| 1st Table Area | 5849 | 171 | 4045 | 163 | 171 |
| 1st Dining Room | 3044 | 89 | 2006 | 81 | 89 |
| 1st Front Entry & Hall | 1532 | 45 | 372 | 15 | 45 |
| 1st Side Entry Hall | 861 | 25 | 251 | 10 | 25 |
| 1st Bathroom | 1204 | 35 | 756 | 30 | 35 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Room Envelope Totals | 20526 | 600 | 14882 | 600 | |
| | | | | | |
| Total Area | Construction Components | HEAT LOSS | | HEAT GAIN | |
| 183 | Windows & Glass Doors | 5215 | 25.41% | 8763 | 58.88% |
| | Skylights | | | | |
| 36 | Wood & Metal Doors | 514 | 2.50% | 159 | 1.07% |
| 959 | Above Grade Walls | 6323 | 30.81% | 1776 | 11.93% |
| 244 | Partition Walls | 1491 | 7.26% | 426 | 2.86% |
| | Below Grade Walls | | | | |
| | Ceilings | | | | |
| | Partition Ceilings | | | | |
| 1125 | Passive Floors | 865 | 4.22% | 435 | 2.93% |
| | Exposed Floors | | | | |
| | Slab Floors | | | | |
| | Basement Floors | | | | |
| | Partition Floors | | | | |
| | Infiltration | 5191 | 25.29% | 468 | 3.15% |
| | Internal Gains | | | 2400 | 16.13% |
| | Duct Loss & Gain | 926 | 4.51% | 455 | 3.06% |
| | Ventilation | | | | |
| | Blower Heat Gain | | | | |
| | Total Sensible | 20526 | 100.00% | 14882 | 100.00% |
| | Total Latent | | | 695 | |
| | Total Cooling Load | | | 15578 | |