

In accordance with ACCA Manual J

Registered For:

The Ellen Dibble ResidenceThe Ellen Dibble Residence
39209112457334

For:

Twinsprings Research--Dibble
13673 W. 78th Pl.
Arvada, CO 80005

Design Conditions: Denver

Indoor:Summer temperature: 75
Winter temperature: 70
Relative humidity: 55**Outdoor:**Summer temperature: 91
Winter temperature: 1
Summer grains of moisture: 25
Daily temperature range: High

Building Component	Sensible Gain (BTUH)	Latent Gain (BTUH)	Total Heat Gain (BTUH)	Total Heat Loss (BTUH)
Whole House	30,370	4,140	34,510 (3 tons)	48,894
Zone 1 Family/Kitchen	7,245	920	8,165	6,732
Family-Kitchen	7,245	920	8,165	6,732
Zone 2 Entry/Dining	4,840	1,380	6,220	8,894
Entry	2,185	460	2,645	3,525
Dining	2,497	920	3,417	4,402
Mechanical	158	0	158	967
Zone 3 Living	8,154	920	9,074	14,726
Living Room	3,570	690	4,260	6,861
Living Room (2)	4,584	230	4,814	7,865
Zone 4 Master	4,210	460	4,670	9,499
Master Bedroom	4,210	460	4,670	9,499
Zone 5 Bedrooms	5,921	460	6,381	9,042
Bedroom 2	2,714	230	2,944	4,019
Hall	1,645	0	1,645	1,640
Bathroom	61	0	61	388
Bedroom 3	1,501	230	1,731	2,995
Whole House	30,370	4,140	34,510 (3 tons)	48,894