

## Project Summary

| Location and Weather |                               |
|----------------------|-------------------------------|
| Project              | Project Name                  |
| Address              |                               |
| Calculation Time     | Tuesday, May 17, 2022 1:17 PM |
| Report Type          | Standard                      |
| Latitude             | 6.94°                         |
| Longitude            | 79.85°                        |
| Summer Dry Bulb      | 32 °C                         |
| Summer Wet Bulb      | 25 °C                         |
| Winter Dry Bulb      | 20 °C                         |
| Mean Daily Range     | 10 °C                         |

## Building Summary

| Inputs                          |                  |
|---------------------------------|------------------|
| Building Type                   | Multi Family     |
| Area                            | 11,038.88        |
| Volume                          | 32,978.74        |
| Calculated Results              |                  |
| Peak Cooling Total Load (W)     | <b>458,071</b>   |
| Peak Cooling Month and Hour     | November 2:00 PM |
| Peak Cooling Sensible Load (W)  | 385,840          |
| Peak Cooling Latent Load (W)    | 72,231           |
| Maximum Cooling Capacity (W)    | 458,071          |
| Peak Cooling Airflow (L/s)      | 20,271.6         |
| Peak Heating Load (W)           | <b>0</b>         |
| Peak Heating Airflow (L/s)      | 0.0              |
| Checksums                       |                  |
| Cooling Load Density (W/m²)     | 41.50            |
| Cooling Flow Density (L/(s·m²)) | 1.84             |
| Cooling Flow / Load (L/(s·kW))  | 44.25            |
| Cooling Area / Load (m²/kW)     | 24.10            |
| Heating Load Density (W/m²)     | 0.00             |
| Heating Flow Density (L/(s·m²)) | 0.00             |

## Zone Summary - Default

|  |  |
|--|--|
| <b>Inputs</b>                              |  |
| Area                                       | 11,038.88                                |
| Volume                                     | 32,978.74                                |
| Cooling Setpoint                           | 26 °C                                    |
| Heating Setpoint                           | 21 °C                                    |
| Supply Air Temperature                     | 12 °C                                    |
| Number of People                           | 832                                      |
| Infiltration (L/s)                         | 0.0                                      |
| Air Volume Calculation Type                | Split System(s) with Natural Ventilation |
| Relative Humidity                          | 46.00% (Calculated)                      |
| <b>Psychrometrics</b>                      |  |
| Psychrometric Message                      | None                                     |
| Cooling Coil Entering Dry-Bulb Temperature | 28 °C                                    |
| Cooling Coil Entering Wet-Bulb Temperature | 20 °C                                    |
| Cooling Coil Leaving Dry-Bulb Temperature  | 12 °C                                    |
| Cooling Coil Leaving Wet-Bulb Temperature  | 13 °C                                    |
| Mixed Air Dry-Bulb Temperature             | 28 °C                                    |
| <b>Calculated Results</b>                  |  |
| Peak Cooling Load (W)                      | <b>458,071</b>                           |
| Peak Cooling Month and Hour                | November 2:00 PM                         |
| Peak Cooling Sensible Load (W)             | 385,840                                  |
| Peak Cooling Latent Load (W)               | 72,231                                   |
| Peak Cooling Airflow (L/s)                 | 20,271.6                                 |
| Peak Heating Load (W)                      | <b>0</b>                                 |
| Peak Heating Airflow (L/s)                 | 0.0                                      |
| Peak Ventilation Airflow (L/s)             | 2,051.3                                  |
| <b>Checksums</b>                           |  |
| Cooling Load Density (W/m²)                | 41.50                                    |
| Cooling Flow Density (L/(s·m²))            | 1.84                                     |
| Cooling Flow / Load (L/(s·kW))             | 44.25                                    |
| Cooling Area / Load (m²/kW)                | 24.10                                    |
| Heating Load Density (W/m²)                | 0.00                                     |
| Heating Flow Density (L/(s·m²))            | 0.00                                     |
| Ventilation Density (L/(s·m²))             | 0.19                                     |
| Ventilation / Person (L/s)                 | 2.5                                      |

| Components   | Cooling        |                     | Heating   |                     |
|--------------|----------------|---------------------|-----------|---------------------|
|              | Loads (W)      | Percentage of Total | Loads (W) | Percentage of Total |
| Wall         | 19,800         | 4.32%               | 0         | 0.00%               |
| Window       | 300,743        | 65.65%              | 0         | 0.00%               |
| Door         | 134            | 0.03%               | 0         | 0.00%               |
| Roof         | 47             | 0.01%               | 0         | 0.00%               |
| Skylight     | 0              | 0.00%               | 0         | 0.00%               |
| Partition    | 0              | 0.00%               | 0         | 0.00%               |
| Infiltration | 0              | 0.00%               | 0         | 0.00%               |
| Ventilation  | 41,160         | 8.99%               | 0         | 0.00%               |
| Lighting     | 2,341          | 0.51%               |           |                     |
| Power        | 0              | 0.00%               |           |                     |
| People       | 85,900         | 18.75%              |           |                     |
| Plenum       | 0              | 0.00%               |           |                     |
| Fan Heat     | 7,946          | 1.73%               |           |                     |
| Reheat       | 0              | 0.00%               |           |                     |
| <b>Total</b> | <b>458,071</b> | <b>100%</b>         | <b>0</b>  | <b>100%</b>         |

## Default Spaces

| Space Name               | Area     | Volume   | Peak Cooling Load (W) | Cooling Airflow (L/s) | Peak Heating Load (W) | Heating Airflow (L/s) |
|--------------------------|----------|----------|-----------------------|-----------------------|-----------------------|-----------------------|
| <a href="#">1 Space</a>  | 1,070.00 | 4,279.99 | 46,935                | 2,326.5               | 0                     | 0.0                   |
| <a href="#">3 Space</a>  | 1,107.65 | 3,055.41 | 40,139                | 1,989.6               | 0                     | 0.0                   |
| <a href="#">4 Space</a>  | 1,107.65 | 3,611.78 | 40,502                | 2,007.6               | 0                     | 0.0                   |
| <a href="#">5 Space</a>  | 1,107.65 | 3,057.96 | 40,139                | 1,989.6               | 0                     | 0.0                   |
| <a href="#">6 Space</a>  | 1,107.65 | 3,057.96 | 40,139                | 1,989.6               | 0                     | 0.0                   |
| <a href="#">7 Space</a>  | 1,107.65 | 3,057.96 | 40,139                | 1,989.6               | 0                     | 0.0                   |
| <a href="#">8 Space</a>  | 1,107.65 | 3,057.96 | 40,139                | 1,989.6               | 0                     | 0.0                   |
| <a href="#">9 Space</a>  | 1,107.65 | 3,057.96 | 40,139                | 1,989.6               | 0                     | 0.0                   |
| <a href="#">10 Space</a> | 1,107.65 | 3,055.41 | 40,139                | 1,989.6               | 0                     | 0.0                   |
| <a href="#">11 Space</a> | 1,107.65 | 3,686.37 | 40,557                | 2,010.3               | 0                     | 0.0                   |

## Space Summary - 1 Space

| Inputs                          |           |
|---------------------------------|-----------|
| Area                            | 1,070.00  |
| Volume                          | 4,279.99  |
| Wall Area                       | 897.10    |
| Roof Area                       | 1.07      |
| Door Area                       | 18.42     |
| Partition Area                  | 0.00      |
| Window Area                     | 133.59    |
| Skylight Area                   | 0.00      |
| Lighting Load (W)               | 267       |
| Power Load (W)                  | 0         |
| Number of People                | 81        |
| Sensible Heat Gain / Person (W) | 65        |
| Latent Heat Gain / Person (W)   | 55        |
| Infiltration Airflow (L/s)      | 0.0       |
| Space Type                      | Apartment |
| Calculated Results              |           |
| Peak Cooling Load (W)           | 46,935    |
| Peak Cooling Sensible Load (W)  | 42,945    |
| Peak Cooling Latent Load (W)    | 3,991     |
| Peak Cooling Airflow (L/s)      | 2,326.5   |
| Peak Heating Load (W)           | 0         |
| Peak Heating Airflow (L/s)      | 0.0       |

| Components   | Cooling       |                     | Heating   |                     |
|--------------|---------------|---------------------|-----------|---------------------|
|              | Loads (W)     | Percentage of Total | Loads (W) | Percentage of Total |
| Wall         | 2,138         | 4.55%               | 0         | 0.00%               |
| Window       | 36,063        | 76.84%              | 0         | 0.00%               |
| Door         | 134           | 0.29%               | 0         | 0.00%               |
| Roof         | 47            | 0.10%               | 0         | 0.00%               |
| Skylight     | 0             | 0.00%               | 0         | 0.00%               |
| Partition    | 0             | 0.00%               | 0         | 0.00%               |
| Infiltration | 0             | 0.00%               | 0         | 0.00%               |
| Lighting     | 227           | 0.48%               |           |                     |
| Power        | 0             | 0.00%               |           |                     |
| People       | 8,326         | 17.74%              |           |                     |
| Plenum       | 0             | 0.00%               |           |                     |
| <b>Total</b> | <b>46,935</b> | <b>100%</b>         | <b>0</b>  | <b>100%</b>         |

## Space Summary - 3 Space

| Inputs                          |           |
|---------------------------------|-----------|
| Area                            | 1,107.65  |
| Volume                          | 3,055.41  |
| Wall Area                       | 741.95    |
| Roof Area                       | 0.00      |
| Door Area                       | 0.00      |
| Partition Area                  | 0.00      |
| Window Area                     | 120.53    |
| Skylight Area                   | 0.00      |
| Lighting Load (W)               | 277       |
| Power Load (W)                  | 0         |
| Number of People                | 84        |
| Sensible Heat Gain / Person (W) | 65        |
| Latent Heat Gain / Person (W)   | 55        |
| Infiltration Airflow (L/s)      | 0.0       |
| Space Type                      | Apartment |
| Calculated Results              |           |
| Peak Cooling Load (W)           | 40,139    |
| Peak Cooling Sensible Load (W)  | 36,007    |
| Peak Cooling Latent Load (W)    | 4,131     |
| Peak Cooling Airflow (L/s)      | 1,989.6   |
| Peak Heating Load (W)           | 0         |
| Peak Heating Airflow (L/s)      | 0.0       |

| Components   | Cooling       |                     | Heating   |                     |
|--------------|---------------|---------------------|-----------|---------------------|
|              | Loads (W)     | Percentage of Total | Loads (W) | Percentage of Total |
| Wall         | 1,876         | 4.67%               | 0         | 0.00%               |
| Window       | 29,409        | 73.27%              | 0         | 0.00%               |
| Door         | 0             | 0.00%               | 0         | 0.00%               |
| Roof         | 0             | 0.00%               | 0         | 0.00%               |
| Skylight     | 0             | 0.00%               | 0         | 0.00%               |
| Partition    | 0             | 0.00%               | 0         | 0.00%               |
| Infiltration | 0             | 0.00%               | 0         | 0.00%               |
| Lighting     | 235           | 0.59%               |           |                     |
| Power        | 0             | 0.00%               |           |                     |
| People       | 8,619         | 21.47%              |           |                     |
| Plenum       | 0             | 0.00%               |           |                     |
| <b>Total</b> | <b>40,139</b> | <b>100%</b>         | <b>0</b>  | <b>100%</b>         |

## Space Summary - 4 Space

| Inputs                          |           |
|---------------------------------|-----------|
| Area                            | 1,107.65  |
| Volume                          | 3,611.78  |
| Wall Area                       | 865.61    |
| Roof Area                       | 0.00      |
| Door Area                       | 0.00      |
| Partition Area                  | 0.00      |
| Window Area                     | 120.53    |
| Skylight Area                   | 0.00      |
| Lighting Load (W)               | 277       |
| Power Load (W)                  | 0         |
| Number of People                | 84        |
| Sensible Heat Gain / Person (W) | 65        |
| Latent Heat Gain / Person (W)   | 55        |
| Infiltration Airflow (L/s)      | 0.0       |
| Space Type                      | Apartment |
| Calculated Results              |           |
| Peak Cooling Load (W)           | 40,502    |
| Peak Cooling Sensible Load (W)  | 36,371    |
| Peak Cooling Latent Load (W)    | 4,131     |
| Peak Cooling Airflow (L/s)      | 2,007.6   |
| Peak Heating Load (W)           | 0         |
| Peak Heating Airflow (L/s)      | 0.0       |

| Components   | Cooling       |                     | Heating   |                     |
|--------------|---------------|---------------------|-----------|---------------------|
|              | Loads (W)     | Percentage of Total | Loads (W) | Percentage of Total |
| Wall         | 2,239         | 5.53%               | 0         | 0.00%               |
| Window       | 29,409        | 72.61%              | 0         | 0.00%               |
| Door         | 0             | 0.00%               | 0         | 0.00%               |
| Roof         | 0             | 0.00%               | 0         | 0.00%               |
| Skylight     | 0             | 0.00%               | 0         | 0.00%               |
| Partition    | 0             | 0.00%               | 0         | 0.00%               |
| Infiltration | 0             | 0.00%               | 0         | 0.00%               |
| Lighting     | 235           | 0.58%               |           |                     |
| Power        | 0             | 0.00%               |           |                     |
| People       | 8,619         | 21.28%              |           |                     |
| Plenum       | 0             | 0.00%               |           |                     |
| <b>Total</b> | <b>40,502</b> | <b>100%</b>         | <b>0</b>  | <b>100%</b>         |

## Space Summary - 5 Space

| Inputs                          |           |
|---------------------------------|-----------|
| Area                            | 1,107.65  |
| Volume                          | 3,057.96  |
| Wall Area                       | 741.95    |
| Roof Area                       | 0.00      |
| Door Area                       | 0.00      |
| Partition Area                  | 0.00      |
| Window Area                     | 120.53    |
| Skylight Area                   | 0.00      |
| Lighting Load (W)               | 277       |
| Power Load (W)                  | 0         |
| Number of People                | 84        |
| Sensible Heat Gain / Person (W) | 65        |
| Latent Heat Gain / Person (W)   | 55        |
| Infiltration Airflow (L/s)      | 0.0       |
| Space Type                      | Apartment |
| Calculated Results              |           |
| Peak Cooling Load (W)           | 40,139    |
| Peak Cooling Sensible Load (W)  | 36,007    |
| Peak Cooling Latent Load (W)    | 4,131     |
| Peak Cooling Airflow (L/s)      | 1,989.6   |
| Peak Heating Load (W)           | 0         |
| Peak Heating Airflow (L/s)      | 0.0       |

| Components   | Cooling       |                     | Heating   |                     |
|--------------|---------------|---------------------|-----------|---------------------|
|              | Loads (W)     | Percentage of Total | Loads (W) | Percentage of Total |
| Wall         | 1,876         | 4.67%               | 0         | 0.00%               |
| Window       | 29,409        | 73.27%              | 0         | 0.00%               |
| Door         | 0             | 0.00%               | 0         | 0.00%               |
| Roof         | 0             | 0.00%               | 0         | 0.00%               |
| Skylight     | 0             | 0.00%               | 0         | 0.00%               |
| Partition    | 0             | 0.00%               | 0         | 0.00%               |
| Infiltration | 0             | 0.00%               | 0         | 0.00%               |
| Lighting     | 235           | 0.59%               |           |                     |
| Power        | 0             | 0.00%               |           |                     |
| People       | 8,619         | 21.47%              |           |                     |
| Plenum       | 0             | 0.00%               |           |                     |
| <b>Total</b> | <b>40,139</b> | <b>100%</b>         | <b>0</b>  | <b>100%</b>         |

## Space Summary - 6 Space

| Inputs                          |           |
|---------------------------------|-----------|
| Area                            | 1,107.65  |
| Volume                          | 3,057.96  |
| Wall Area                       | 741.95    |
| Roof Area                       | 0.00      |
| Door Area                       | 0.00      |
| Partition Area                  | 0.00      |
| Window Area                     | 120.53    |
| Skylight Area                   | 0.00      |
| Lighting Load (W)               | 277       |
| Power Load (W)                  | 0         |
| Number of People                | 84        |
| Sensible Heat Gain / Person (W) | 65        |
| Latent Heat Gain / Person (W)   | 55        |
| Infiltration Airflow (L/s)      | 0.0       |
| Space Type                      | Apartment |
| Calculated Results              |           |
| Peak Cooling Load (W)           | 40,139    |
| Peak Cooling Sensible Load (W)  | 36,007    |
| Peak Cooling Latent Load (W)    | 4,131     |
| Peak Cooling Airflow (L/s)      | 1,989.6   |
| Peak Heating Load (W)           | 0         |
| Peak Heating Airflow (L/s)      | 0.0       |

| Components   | Cooling       |                     | Heating   |                     |
|--------------|---------------|---------------------|-----------|---------------------|
|              | Loads (W)     | Percentage of Total | Loads (W) | Percentage of Total |
| Wall         | 1,876         | 4.67%               | 0         | 0.00%               |
| Window       | 29,409        | 73.27%              | 0         | 0.00%               |
| Door         | 0             | 0.00%               | 0         | 0.00%               |
| Roof         | 0             | 0.00%               | 0         | 0.00%               |
| Skylight     | 0             | 0.00%               | 0         | 0.00%               |
| Partition    | 0             | 0.00%               | 0         | 0.00%               |
| Infiltration | 0             | 0.00%               | 0         | 0.00%               |
| Lighting     | 235           | 0.59%               |           |                     |
| Power        | 0             | 0.00%               |           |                     |
| People       | 8,619         | 21.47%              |           |                     |
| Plenum       | 0             | 0.00%               |           |                     |
| <b>Total</b> | <b>40,139</b> | <b>100%</b>         | <b>0</b>  | <b>100%</b>         |



## Space Summary - 7 Space

| Inputs                          |           |
|---------------------------------|-----------|
| Area                            | 1,107.65  |
| Volume                          | 3,057.96  |
| Wall Area                       | 741.95    |
| Roof Area                       | 0.00      |
| Door Area                       | 0.00      |
| Partition Area                  | 0.00      |
| Window Area                     | 120.53    |
| Skylight Area                   | 0.00      |
| Lighting Load (W)               | 277       |
| Power Load (W)                  | 0         |
| Number of People                | 84        |
| Sensible Heat Gain / Person (W) | 65        |
| Latent Heat Gain / Person (W)   | 55        |
| Infiltration Airflow (L/s)      | 0.0       |
| Space Type                      | Apartment |
| Calculated Results              |           |
| Peak Cooling Load (W)           | 40,139    |
| Peak Cooling Sensible Load (W)  | 36,007    |
| Peak Cooling Latent Load (W)    | 4,131     |
| Peak Cooling Airflow (L/s)      | 1,989.6   |
| Peak Heating Load (W)           | 0         |
| Peak Heating Airflow (L/s)      | 0.0       |

| Components   | Cooling       |                     | Heating   |                     |
|--------------|---------------|---------------------|-----------|---------------------|
|              | Loads (W)     | Percentage of Total | Loads (W) | Percentage of Total |
| Wall         | 1,876         | 4.67%               | 0         | 0.00%               |
| Window       | 29,409        | 73.27%              | 0         | 0.00%               |
| Door         | 0             | 0.00%               | 0         | 0.00%               |
| Roof         | 0             | 0.00%               | 0         | 0.00%               |
| Skylight     | 0             | 0.00%               | 0         | 0.00%               |
| Partition    | 0             | 0.00%               | 0         | 0.00%               |
| Infiltration | 0             | 0.00%               | 0         | 0.00%               |
| Lighting     | 235           | 0.59%               |           |                     |
| Power        | 0             | 0.00%               |           |                     |
| People       | 8,619         | 21.47%              |           |                     |
| Plenum       | 0             | 0.00%               |           |                     |
| <b>Total</b> | <b>40,139</b> | <b>100%</b>         | <b>0</b>  | <b>100%</b>         |

## Space Summary - 8 Space

| Inputs                          |           |
|---------------------------------|-----------|
| Area                            | 1,107.65  |
| Volume                          | 3,057.96  |
| Wall Area                       | 741.95    |
| Roof Area                       | 0.00      |
| Door Area                       | 0.00      |
| Partition Area                  | 0.00      |
| Window Area                     | 120.53    |
| Skylight Area                   | 0.00      |
| Lighting Load (W)               | 277       |
| Power Load (W)                  | 0         |
| Number of People                | 84        |
| Sensible Heat Gain / Person (W) | 65        |
| Latent Heat Gain / Person (W)   | 55        |
| Infiltration Airflow (L/s)      | 0.0       |
| Space Type                      | Apartment |
| Calculated Results              |           |
| Peak Cooling Load (W)           | 40,139    |
| Peak Cooling Sensible Load (W)  | 36,007    |
| Peak Cooling Latent Load (W)    | 4,131     |
| Peak Cooling Airflow (L/s)      | 1,989.6   |
| Peak Heating Load (W)           | 0         |
| Peak Heating Airflow (L/s)      | 0.0       |

| Components   | Cooling       |                     | Heating   |                     |
|--------------|---------------|---------------------|-----------|---------------------|
|              | Loads (W)     | Percentage of Total | Loads (W) | Percentage of Total |
| Wall         | 1,876         | 4.67%               | 0         | 0.00%               |
| Window       | 29,409        | 73.27%              | 0         | 0.00%               |
| Door         | 0             | 0.00%               | 0         | 0.00%               |
| Roof         | 0             | 0.00%               | 0         | 0.00%               |
| Skylight     | 0             | 0.00%               | 0         | 0.00%               |
| Partition    | 0             | 0.00%               | 0         | 0.00%               |
| Infiltration | 0             | 0.00%               | 0         | 0.00%               |
| Lighting     | 235           | 0.59%               |           |                     |
| Power        | 0             | 0.00%               |           |                     |
| People       | 8,619         | 21.47%              |           |                     |
| Plenum       | 0             | 0.00%               |           |                     |
| <b>Total</b> | <b>40,139</b> | <b>100%</b>         | <b>0</b>  | <b>100%</b>         |

## Space Summary - 9 Space

| Inputs                          |           |
|---------------------------------|-----------|
| Area                            | 1,107.65  |
| Volume                          | 3,057.96  |
| Wall Area                       | 741.95    |
| Roof Area                       | 0.00      |
| Door Area                       | 0.00      |
| Partition Area                  | 0.00      |
| Window Area                     | 120.53    |
| Skylight Area                   | 0.00      |
| Lighting Load (W)               | 277       |
| Power Load (W)                  | 0         |
| Number of People                | 84        |
| Sensible Heat Gain / Person (W) | 65        |
| Latent Heat Gain / Person (W)   | 55        |
| Infiltration Airflow (L/s)      | 0.0       |
| Space Type                      | Apartment |
| Calculated Results              |           |
| Peak Cooling Load (W)           | 40,139    |
| Peak Cooling Sensible Load (W)  | 36,007    |
| Peak Cooling Latent Load (W)    | 4,131     |
| Peak Cooling Airflow (L/s)      | 1,989.6   |
| Peak Heating Load (W)           | 0         |
| Peak Heating Airflow (L/s)      | 0.0       |

| Components   | Cooling       |                     | Heating   |                     |
|--------------|---------------|---------------------|-----------|---------------------|
|              | Loads (W)     | Percentage of Total | Loads (W) | Percentage of Total |
| Wall         | 1,876         | 4.67%               | 0         | 0.00%               |
| Window       | 29,409        | 73.27%              | 0         | 0.00%               |
| Door         | 0             | 0.00%               | 0         | 0.00%               |
| Roof         | 0             | 0.00%               | 0         | 0.00%               |
| Skylight     | 0             | 0.00%               | 0         | 0.00%               |
| Partition    | 0             | 0.00%               | 0         | 0.00%               |
| Infiltration | 0             | 0.00%               | 0         | 0.00%               |
| Lighting     | 235           | 0.59%               |           |                     |
| Power        | 0             | 0.00%               |           |                     |
| People       | 8,619         | 21.47%              |           |                     |
| Plenum       | 0             | 0.00%               |           |                     |
| <b>Total</b> | <b>40,139</b> | <b>100%</b>         | <b>0</b>  | <b>100%</b>         |

## Space Summary - 10 Space

| Inputs                          |           |
|---------------------------------|-----------|
| Area                            | 1,107.65  |
| Volume                          | 3,055.41  |
| Wall Area                       | 741.95    |
| Roof Area                       | 0.00      |
| Door Area                       | 0.00      |
| Partition Area                  | 0.00      |
| Window Area                     | 120.53    |
| Skylight Area                   | 0.00      |
| Lighting Load (W)               | 277       |
| Power Load (W)                  | 0         |
| Number of People                | 84        |
| Sensible Heat Gain / Person (W) | 65        |
| Latent Heat Gain / Person (W)   | 55        |
| Infiltration Airflow (L/s)      | 0.0       |
| Space Type                      | Apartment |
| Calculated Results              |           |
| Peak Cooling Load (W)           | 40,139    |
| Peak Cooling Sensible Load (W)  | 36,007    |
| Peak Cooling Latent Load (W)    | 4,131     |
| Peak Cooling Airflow (L/s)      | 1,989.6   |
| Peak Heating Load (W)           | 0         |
| Peak Heating Airflow (L/s)      | 0.0       |

| Components   | Cooling       |                     | Heating   |                     |
|--------------|---------------|---------------------|-----------|---------------------|
|              | Loads (W)     | Percentage of Total | Loads (W) | Percentage of Total |
| Wall         | 1,876         | 4.67%               | 0         | 0.00%               |
| Window       | 29,409        | 73.27%              | 0         | 0.00%               |
| Door         | 0             | 0.00%               | 0         | 0.00%               |
| Roof         | 0             | 0.00%               | 0         | 0.00%               |
| Skylight     | 0             | 0.00%               | 0         | 0.00%               |
| Partition    | 0             | 0.00%               | 0         | 0.00%               |
| Infiltration | 0             | 0.00%               | 0         | 0.00%               |
| Lighting     | 235           | 0.59%               |           |                     |
| Power        | 0             | 0.00%               |           |                     |
| People       | 8,619         | 21.47%              |           |                     |
| Plenum       | 0             | 0.00%               |           |                     |
| <b>Total</b> | <b>40,139</b> | <b>100%</b>         | <b>0</b>  | <b>100%</b>         |

## Space Summary - 11 Space

| Inputs                          |           |
|---------------------------------|-----------|
| Area                            | 1,107.65  |
| Volume                          | 3,686.37  |
| Wall Area                       | 884.16    |
| Roof Area                       | 0.00      |
| Door Area                       | 0.00      |
| Partition Area                  | 0.00      |
| Window Area                     | 120.53    |
| Skylight Area                   | 0.00      |
| Lighting Load (W)               | 277       |
| Power Load (W)                  | 0         |
| Number of People                | 84        |
| Sensible Heat Gain / Person (W) | 65        |
| Latent Heat Gain / Person (W)   | 55        |
| Infiltration Airflow (L/s)      | 0.0       |
| Space Type                      | Apartment |
| Calculated Results              |           |
| Peak Cooling Load (W)           | 40,557    |
| Peak Cooling Sensible Load (W)  | 36,426    |
| Peak Cooling Latent Load (W)    | 4,131     |
| Peak Cooling Airflow (L/s)      | 2,010.3   |
| Peak Heating Load (W)           | 0         |
| Peak Heating Airflow (L/s)      | 0.0       |

| Components   | Cooling       |                     | Heating   |                     |
|--------------|---------------|---------------------|-----------|---------------------|
|              | Loads (W)     | Percentage of Total | Loads (W) | Percentage of Total |
| Wall         | 2,294         | 5.66%               | 0         | 0.00%               |
| Window       | 29,409        | 72.51%              | 0         | 0.00%               |
| Door         | 0             | 0.00%               | 0         | 0.00%               |
| Roof         | 0             | 0.00%               | 0         | 0.00%               |
| Skylight     | 0             | 0.00%               | 0         | 0.00%               |
| Partition    | 0             | 0.00%               | 0         | 0.00%               |
| Infiltration | 0             | 0.00%               | 0         | 0.00%               |
| Lighting     | 235           | 0.58%               |           |                     |
| Power        | 0             | 0.00%               |           |                     |
| People       | 8,619         | 21.25%              |           |                     |
| Plenum       | 0             | 0.00%               |           |                     |
| <b>Total</b> | <b>40,557</b> | <b>100%</b>         | <b>0</b>  | <b>100%</b>         |