

Project Name : 4430 Addition

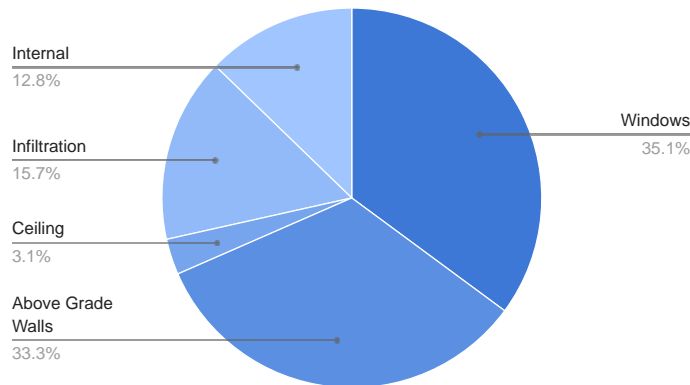
System : 3

4430 9th St NW, Washington, DC, United States



RONALD REAGAN AP, DISTRICT OF COLUMBIA

Summer Outdoor F:	92	Summer Indoor F:	75	Design Grains:	41	Daily Range:	MEDIUM
Winter Outdoor F:	20	Winter Indoor F:	70	Cooling RH:	50%	Elevation (Ft):	66



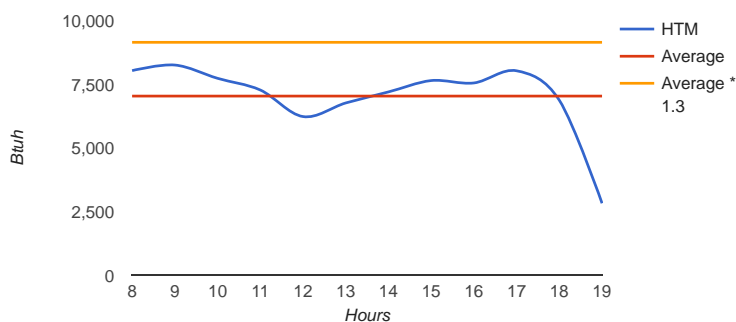
Cooling Loads

Name	Area	Sensible	Latent
Windows & Glass Doors	267	5,912	0
Skylights	0	0	0
Doors	0	0	0
Above Grade Walls	1,530	5,610	0
Floors	0	0	0
Ceiling	848	514	0
Ventilation	0	0	0
Infiltration	0	1,063	1,585
Internal	0	1,150	1,000
Duct	0	0	0
Blower Heat	0	0	0
AED Excursion	0	0	0
Total	2,645	14,249	2,585

Heating Loads

Name	Area	Heat Loss
Windows & Glass Doors	267	0
Skylights	0	0
Doors	0	0
Above Grade Walls	1,530	0
Below Grade Walls	0	0
Ceiling	848	0
Ventilation	0	0
Infiltration	0	0
Internal	0	0
Floors	0	0
Duct	0	0
Humidification	0	0
Hot Water Piping	0	0
Total	2,645	0

AED Graph



Approved ACCA MJ8 Calculations

Calculations are based on the ACCA Manual J 8th Edition and are approved by ACCA. All computed calculations are estimates on building use, weather data, and inputted values such as R-Values, window types, duct loss, etc. Equipment selections should meet both the latent and sensible gain as well as building heat loss. See Cool Calc Manual S Report for equipment sizing verification.

