

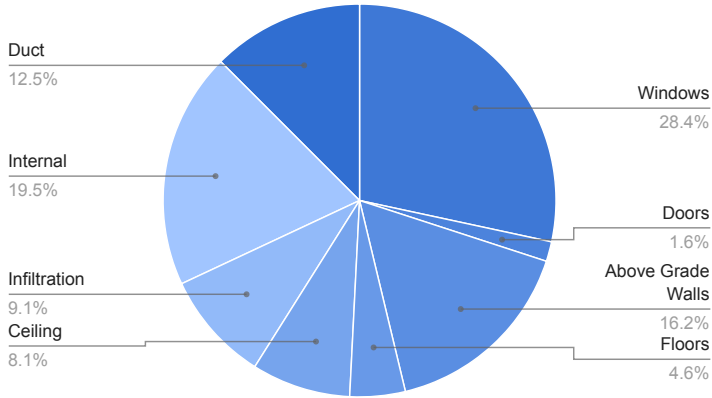
Project Name : 43 Bays Island



System : 1
Sheldon, SC, USA

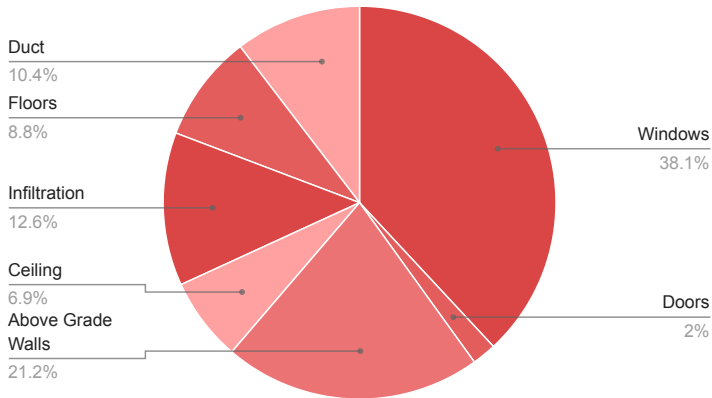
BEAUFORT MCAS, SOUTH CAROLINA

Summer Outdoor F:	93.0	Summer Indoor F:	75	Design Grains:	55	Daily Range:	MEDIUM
Winter Outdoor F:	31.0	Winter Indoor F:	70	Cooling RH:	50%	Elevation (Ft):	39



Cooling Loads

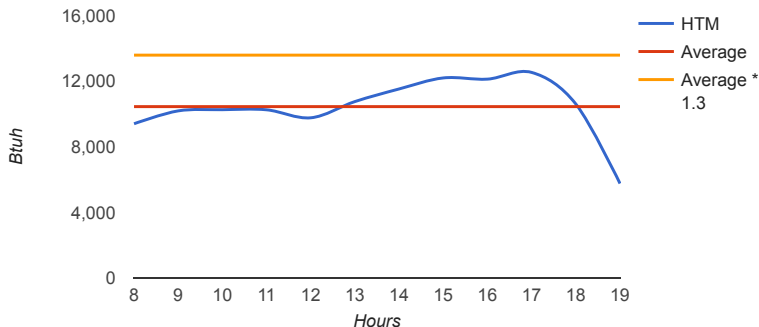
Name	Area	Sensible	Latent
Windows & Glass Doors	536	9,868	0
Skylights	0	0	0
Doors	63	566	0
Above Grade Walls	2,001	5,648	0
Floors	1,657	1,583	0
Ceiling	1,657	2,833	0
Ventilation	0	0	0
Infiltration	0	1,094	2,066
Internal	0	6,052	717
Duct	0	2,405	1,941
Blower Heat	0	0	0
AED Excursion	0	0	0
Total	5,914	30,050	4,724



Heating Loads

Name	Area	Heat Loss
Windows & Glass Doors	536	13,588
Skylights	0	0
Doors	63	713
Above Grade Walls	2,001	7,570
Below Grade Walls	0	0
Ceiling	1,657	2,456
Ventilation	0	0
Infiltration	0	4,502
Internal	0	0
Floors	1,657	3,156
Duct	0	3,710
Humidification	0	0
Hot Water Piping	0	0
Total	5,914	35,693

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.