

Project Name : .  
 System : 1  
 Grand Prairie, TX, USA

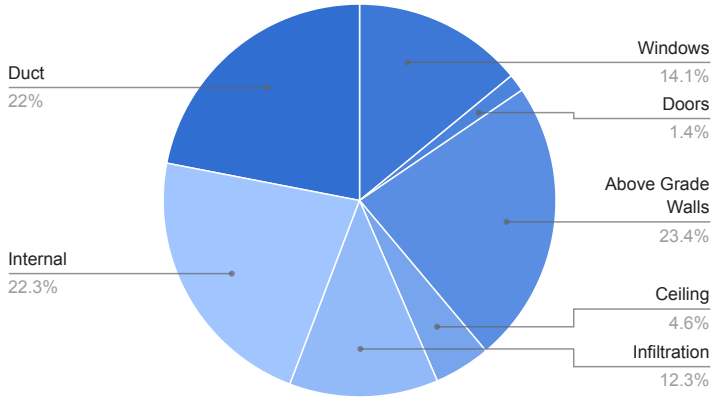


DALLAS, HENSLEY FIELD NAS, TEXAS

Summer Outdoor F:	98.0	Summer Indoor F:	75	Design Grains:	31	Daily Range:	MEDIUM
Winter Outdoor F:	26.0	Winter Indoor F:	70	Cooling RH:	50%	Elevation (Ft):	495

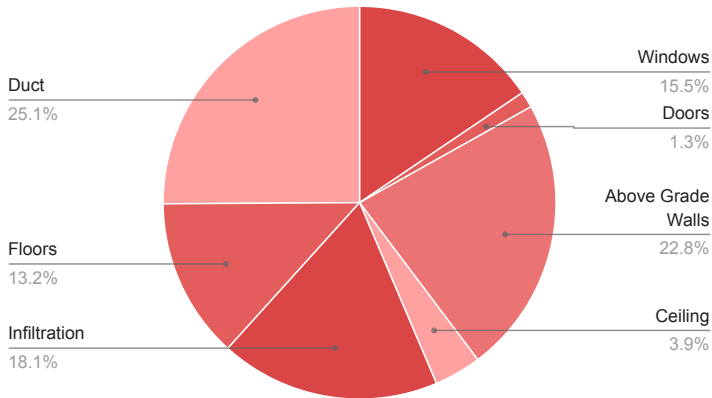
Cooling Loads

Name	Area	Sensible	Latent
Windows & Glass Doors	326	6,384	0
Skylights	0	0	0
Doors	63	658	0
Above Grade Walls	3,211	10,621	0
Floors	182	0	0
Ceiling	1,648	2,109	0
Ventilation	0	0	0
Infiltration	0	3,036	2,530
Internal	0	7,998	2,122
Duct	0	7,948	2,025
Blower Heat	0	0	0
AED Excursion	0	0	0
<b>Total</b>	<b>5,430</b>	<b>38,754</b>	<b>6,677</b>

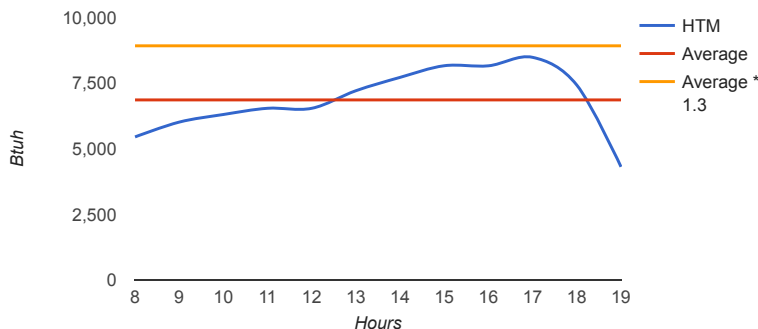


Heating Loads

Name	Area	Heat Loss
Windows & Glass Doors	326	9,324
Skylights	0	0
Doors	63	804
Above Grade Walls	3,211	13,705
Below Grade Walls	0	0
Ceiling	1,648	2,320
Ventilation	0	0
Infiltration	0	10,860
Internal	0	0
Floors	182	7,920
Duct	0	15,052
Humidification	0	0
Hot Water Piping	0	0
<b>Total</b>	<b>5,430</b>	<b>59,984</b>



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.