

ENTERED VALUES

ROOM BY ROOM

By RLF

Room Description: 174-ENTRY/RECEPTION

Zone Description: No Zone

System Description: AHU

GENERAL INFORMATION			PEOPLE		AIRFLOW INFORMATION		
Floor Area: 237 ft²	Flr-Flr Height: 10.0 ft		People Type: General Office Space		Cooling	Heating	
Plenum Height: 2.0 ft	Height Above Flr:		# of People: 4 People		Vent Type: None	None	
Slab Cnstr Type: 4" LW Concrete			People Sensible: 250 Btu/h		Vent Value: 0.06 cfm/sq ft	0.06 cfm/sq ft	
Room Mass: Time delay based on actual mass			People Latent : 200 Btu/h		Vent Schedule: Available (100%)		
Ceiling R-Value: 1.786 hr·ft²·°F/Btu			People Schedule: Cooling Only (Design)		Infil Type: None	None	
Is There Carpet?: YES					Infil Value: 0.00 air changes/hr	0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F			Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)		
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F					Vav Airflow:		
Design Relative Humidity: 50 %					Vav Sched: Available (100%)		
Moisture Capacitance: Medium					Supply: To be calculated	To be calculated	
Clg Tstat: None					Aux Supply: To be calculated	To be calculated	
Htg Tstat: None					Room Exhaust:		
Thermostat Location:Room	Floor Multiplier: 1				Rm Exh Sched: Available (100%)		
Humidistat Location:Room	Room Multiplier: 1						
CO2 Sensor Location:None							
Room Type:Conditioned							

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading			
Roof - 1	237 ft²	0	90	Steel Sheet, 2" Ins	0.1247	0.90		0			Overhang - None	None			
Wall - 1	230 ft²	360	0	8" HW Block	0.4022	0.90									
Opening - 1				Window			Single Clear 1/4*	100	0.95	0.95	Overhang - None	None	0.00		
Misc Load 1	2.00 W/sq ft			Cooling Only (Design)			None							100	60.00
Partition - 1	155 ft²			8" HW Conc Block	0.4030								Constant	95	50
Partition - 2	155 ft²			8" HW Conc Block	0.4030								Constant	95	50
Floor - 1														19	0.50

ENTERED VALUES

ROOM BY ROOM

By RLF

Room Description: 174E-OFFICE

Zone Description: No Zone

System Description: AHU

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION			
Floor Area: 157 ft ²	Flr-Flr Height: 10.0 ft			People Type: General Office Space		Cooling		Heating	
Plenum Height: 2.0 ft	Height Above Flr:			# of People: 2 People		Vent Type: None		None	
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 0.06 cfm/sq ft		0.06 cfm/sq ft	
Room Mass: Time delay based on actual mass				People Latent : 200 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr-ft ² ·°F/Btu				People Schedule: Cooling Only (Design)		Infil Type: None		None	
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow:			
Design Relative Humidity: 50 %				LIGHTS		Vav Sched: Available (100%)			
Moisture Capacitance: Medium				Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: To be calculated		To be calculated	
Clg Tstat: None				to space		Aux Supply: To be calculated		To be calculated	
Htg Tstat: None				Fixture Type: RECFL-NV		Room Exhaust:			
Thermostat Location:Room	Floor Multiplier: 1			% Load to RA: 20 %		Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1			Lighting Schedule: Cooling Only (Design)					
CO2 Sensor Location:None				Lighting Amount: 1.000 W/sq ft					
Room Type:Conditioned				Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft ² ·°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft ²	Shade Coef	U Value Btu/h·ft ² ·°F	External Shading	Internal Shading			
Roof - 1	157 ft ²	0	90	Steel Sheet, 2" Ins	0.1247	0.90		0			Overhang - None	None			
Wall - 1	174 ft ²	0	0	8" HW Block	0.4022	0.90									
Opening - 1				Door			Standard Door	24	0.00	0.40	Overhang - None	None	0.00		
Misc Load 1	2.00 W/sq ft			Cooling Only (Design)			None						100	100	0 60.00
Partition - 1	127 ft ²			8" HW Conc Block	0.4030							Constant	95	50	
Floor - 1														15	0.50

ENTERED VALUES

ROOM BY ROOM

By RLF

Room Description: 174F-CORRIDOR

Zone Description: No Zone

System Description: AHU

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 264 ft²	Flr-Flr Height: 10.0 ft			People Type: General Office Space		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 2.0 ft	Height Above Flr:			# of People: 0 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 0.06 cfm/sq ft		0.06 cfm/sq ft		
Room Mass: Time delay based on actual mass				People Latent : 200 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: Cooling Only (Design)		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow:				
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: To be calculated		To be calculated		
Clg Tstat: None				<u>LIGHTS</u>		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust:				
				to space		Rm Exh Sched: Available (100%)				
Thermostat Location:Room	Floor Multiplier: 1			Fixture Type: RECFL-NV						
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: Cooling Only (Design)						
Room Type:Conditioned				Lighting Amount: 1.000 W/sq ft						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h-ft²-°F	External Shading	Internal Shading			
Roof - 1	264 ft²	0	90	Steel Sheet, 2" Ins	0.1247	0.90		0			Overhang - None	None			
Partition - 1	513 ft²			8" HW Conc Block	0.4030								Constant	95	50

Room Description: 175A-OFFICE

Zone Description: No Zone

System Description: AHU

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 80 ft²	Flr-Flr Height: 10.0 ft			People Type: General Office Space		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 2.0 ft	Height Above Flr:			# of People: 1 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 0.06 cfm/sq ft		0.06 cfm/sq ft		
Room Mass: Time delay based on actual mass				People Latent : 200 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²-°F/Btu				People Schedule: Cooling Only (Design)		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow:				
Design Relative Humidity: 50 %						Vav Sched: Available (100%)				
Moisture Capacitance: Medium						Supply: To be calculated		To be calculated		
Clg Tstat: None				<u>LIGHTS</u>		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Lighting Type: Recessed fluorescent, not vented, 80% load		Room Exhaust:				
				to space		Rm Exh Sched: Available (100%)				
Thermostat Location:Room	Floor Multiplier: 1			Fixture Type: RECFL-NV						
Humidistat Location:Room	Room Multiplier: 1			% Load to RA: 20 %						
CO2 Sensor Location:None				Lighting Schedule: Cooling Only (Design)						
Room Type:Conditioned				Lighting Amount: 1.000 W/sq ft						
				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h-ft²-°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h-ft²-°F	External Shading	Internal Shading			
Roof - 1	80 ft²	0	90	Steel Sheet, 2" Ins	0.1247	0.90		0			Overhang - None	None			
Misc Load 1	2.00 W/sq ft			Cooling Only (Design)			None						100	100	0 60.00
Partition - 1	92 ft²			8" HW Conc Block	0.4030								Constant	95	50

ENTERED VALUES

ROOM BY ROOM

By RLF

Room Description: 175B-OFFICE

Zone Description: No Zone

System Description: AHU

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 80 ft²	Flr-Flr Height: 10.0 ft			People Type: General Office Space		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 2.0 ft	Height Above Flr:			# of People: 1 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 0.06 cfm/sq ft		0.06 cfm/sq ft		
Room Mass: Time delay based on actual mass				People Latent : 200 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²·°F/Btu				People Schedule: Cooling Only (Design)		Infil Type: None		None		
Is There Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow:				
Design Relative Humidity: 50 %				<u>LIGHTS</u>		Vav Sched: Available (100%)				
Moisture Capacitance: Medium				Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: To be calculated		To be calculated		
Clg Tstat: None				to space		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				Fixture Type: RECFL-NV		Room Exhaust:				
Thermostat Location:Room	Floor Multiplier: 1			% Load to RA: 20 %		Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1			Lighting Schedule: Cooling Only (Design)						
CO2 Sensor Location:None				Lighting Amount: 1.000 W/sq ft						
Room Type:Conditioned				Ballast Factor: 1.0						

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading				
Roof - 1	80 ft²	0	90	Steel Sheet, 2" Ins	0.1247	0.90		0			Overhang - None	None				
Misc Load 1	2.00 W/sq ft			Cooling Only (Design)			None						100	100	0	60.00
Partition - 1	91 ft²			8" HW Conc Block	0.4030							Constant	95	50		

Room Description: 175C-OFFICE

Zone Description: No Zone

System Description: AHU

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION				
Floor Area: 80 ft²	Flr-Flr Height: 10.0 ft			People Type: General Office Space		<u>Cooling</u>		<u>Heating</u>		
Plenum Height: 2.0 ft	Height Above Flr:			# of People: 1 People		Vent Type: None		None		
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 0.06 cfm/sq ft		0.06 cfm/sq ft		
Room Mass: Time delay based on actual mass				People Latent : 200 Btu/h		Vent Schedule: Available (100%)				
Ceiling R-Value: 1.786 hr-ft²·°F/Btu				People Schedule: Cooling Only (Design)		Infil Type: None		None		
Is There Carpet?: YES				Workstation: 1.0 workstation/person		Infil Value: 0.00 air changes/hr		0.00 air changes/hr		
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F						Infil Schedule: Available (100%)				
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F				<u>LIGHTS</u>		Vav Airflow:				
Design Relative Humidity: 50 %				Lighting Type: Recessed fluorescent, not vented, 80% load		Vav Sched: Available (100%)				
Moisture Capacitance: Medium				to space		Supply: To be calculated		To be calculated		
Clg Tstat: None				Fixture Type: RECFL-NV		Aux Supply: To be calculated		To be calculated		
Htg Tstat: None				% Load to RA: 20 %		Room Exhaust:				
Thermostat Location:Room	Floor Multiplier: 1			Lighting Schedule: Cooling Only (Design)		Rm Exh Sched: Available (100%)				
Humidistat Location:Room	Room Multiplier: 1			Lighting Amount: 1.000 W/sq ft						
CO2 Sensor Location:None				Ballast Factor: 1.0						
Room Type:Conditioned										

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading				
Roof - 1	80 ft²	0	90	Steel Sheet, 2" Ins	0.1247	0.90		0			Overhang - None	None				
Misc Load 1	2.00 W/sq ft			Cooling Only (Design)			None						100	100	0	60.00
Partition - 1	92 ft²			8" HW Conc Block	0.4030							Constant	95	50		

ENTERED VALUES

ROOM BY ROOM

By RLF

Room Description: 175D-OFFICE

Zone Description: No Zone

System Description: AHU

GENERAL INFORMATION				PEOPLE		AIRFLOW INFORMATION			
Floor Area: 80 ft²	Fir-Fir Height: 10.0 ft			People Type: General Office Space		<u>Cooling</u>		<u>Heating</u>	
Plenum Height: 2.0 ft	Height Above Fir:			# of People: 1 People		Vent Type: None		None	
Slab Cnstr Type: 4" LW Concrete				People Sensible: 250 Btu/h		Vent Value: 0.06 cfm/sq ft		0.06 cfm/sq ft	
Room Mass: Time delay based on actual mass				People Latent : 200 Btu/h		Vent Schedule: Available (100%)			
Ceiling R-Value: 1.786 hr·ft²·°F/Btu				People Schedule: Cooling Only (Design)		Infil Type: None		None	
Is there Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr	
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F				Workstation: 1.0 workstation/person		Infil Schedule: Available (100%)			
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow:			
Design Relative Humidity: 50 %				<u>LIGHTS</u>		Vav Sched: Available (100%)			
Moisture Capacitance: Medium				Lighting Type: Recessed fluorescent, not vented, 80% load		Supply: To be calculated		To be calculated	
Clg Tstat: None				to space		Aux Supply: To be calculated		To be calculated	
Htg Tstat: None				Fixture Type: RECFL-NV		Room Exhaust:			
Thermostat Location:Room	Floor Multiplier: 1			% Load to RA: 20 %		Rm Exh Sched: Available (100%)			
Humidistat Location:Room	Room Multiplier: 1			Lighting Schedule: Cooling Only (Design)					
CO2 Sensor Location:None				Lighting Amount: 1.000 W/sq ft					
Room Type:Conditioned				Ballast Factor: 1.0					

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass					Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading				
Roof - 1	80 ft²	0	90	Steel Sheet, 2" Ins	0.1247	0.90		0			Overhang - None	None				
Misc Load 1	2.00 W/sq ft			Cooling Only (Design)			None							100	100	0 60.00
Partition - 1	92 ft²			8" HW Conc Block	0.4030								Constant	95	50	

ENTERED VALUES

ROOM BY ROOM

By RLF

Room Description: 175-ELEC

Zone Description: No Zone

System Description: AHU

GENERAL INFORMATION			PEOPLE			AIRFLOW INFORMATION		
Floor Area: 46 ft²	Fir-Fir Height: 10.0 ft		People Type: General Office Space			Cooling		Heating
Plenum Height: 2.0 ft	Height Above Fir:		# of People: 0 People			Vent Type: None		None
Slab Cnstr Type: 4" LW Concrete			People Sensible: 250 Btu/h			Vent Value: 0.06 cfm/sq ft		0.06 cfm/sq ft
Room Mass: Time delay based on actual mass			People Latent : 200 Btu/h			Vent Schedule: Available (100%)		
Ceiling R-Value: 1.786 hr-ft²·°F/Btu			People Schedule: Cooling Only (Design)			Infil Type: None		None
Is there Carpet?: YES						Infil Value: 0.00 air changes/hr		0.00 air changes/hr
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F			Workstation: 1.0 workstation/person			Infil Schedule: Available (100%)		
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F						Vav Airflow:		
Design Relative Humidity: 50 %						Vav Sched: Available (100%)		
Moisture Capacitance: Medium						Supply: To be calculated		To be calculated
Clg Tstat: None						Aux Supply: To be calculated		To be calculated
Htg Tstat: None						Room Exhaust:		
Thermostat Location:Room	Floor Multiplier: 1					Rm Exh Sched: Available (100%)		
Humidistat Location:Room	Room Multiplier: 1							
CO2 Sensor Location:None								
Room Type:Conditioned								

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass				Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
							Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading			
Roof - 1	46 ft²	0	90	Steel Sheet, 2" Ins	0.1247	0.90		0			Overhang - None	None			
Wall - 1	47 ft²	0	0	Frame Wall, No Ins	0.4376	0.90									
Misc Load 1	2.00 W/sq ft			Cooling Only (Design)			None						100	100	0 60.00
Partition - 1	128 ft²			8" HW Conc Block	0.4030								Hourly OADB		
Floor - 1														5	0.50