

By RLF

COOLING COIL PEAK					CLG SPACE PEAK		HEATING COIL PEAK			TEMPERATURES				
Peaked at Time: Mo/Hr: 6 / 16					Mo/Hr: 6 / 18		Mo/Hr: Heating Design			Cooling			Heating	
Outside Air: OADB/WB/HR: 94 / 75 / 99					OADB: 91		OADB: 38			SADB			55.1	70.0
										Ra Plenum			81.1	59.4
										Return			81.1	59.4
										Ret/OA			81.4	58.9
										Fn MtrTD			0.0	0.0
										Fn BldTD			0.0	0.0
										Fn Frict			0.0	0.0
										AIRFLOWS				
										Cooling			Heating	
										Diffuser			580	174
										Terminal			580	174
										Main Fan			580	580
										Sec Fan			0	0
										Nom Vent			14	14
										AHU Vent			14	14
										Infil			0	0
										MinStop/Rh			174	174
										Return			580	580
										Exhaust			14	14
										Rm Exh			0	0
										Auxiliary			0	0
										Leakage Dwn			0	0
										Leakage Ups			0	0
										ENGINEERING CKS				
										Cooling			Heating	
										% OA			2.5	2.5
										cfm/ft²			2.45	2.45
										cfm/ton			417.16	
										ft²/ton			170.58	
										Btu/hr-ft²			70.35	-44.51
										No. People			4.0	16.9/1000 ft²

COOLING COIL SELECTION											AREAS				HEATING COIL SELECTION				
	Total Capacity ton	Capacity MBh	Sens Cap. MBh	Coil Airflow cfm	Enter DB/WB/HR °F °F gr/lb			Leave DB/WB/HR °F °F gr/lb			Gross Total		Glass ft² (%)	Capacity MBh	Coil Airflow cfm	Ent °F	Lvg °F		
Main Clg	1.4	16.7	15.5	580	81.4	63.3	58.2	55.1	53.4	58.2	Floor	237		Main Htg	-10.6	0	0.0	0.0	
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Part	311		Aux Htg	0.0	0	0.0	0.0	
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Int Door	0		Preheat	0.0	0	0.0	0.0	
											ExFlr	19		Reheat	-2.9	174	55.1	70.0	
Total	1.4	16.7									Roof	237	0	0	Humidif	0.0	0	0.0	0.0
											Wall	230	100	44	Opt Vent	0.0	0	0.0	0.0
											Ext Door	0	0	0	Total	-10.6			

By RLF

174E-OFFICE

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES		
Peaked at Time:		Mo/Hr: 6 / 17			Mo/Hr: 6 / 19		Mo/Hr: Heating Design				Cooling		Heating	
Outside Air:		OADB/WB/HR: 93 / 75 / 101			OADB: 88		OADB: 38				SADB	55.1	70.0	
	Space	Plenum	Net	Percent	Space	Percent	Space Peak	Coil Peak	Percent	Ra Plenum	80.9	59.4		
	Sens. + Lat.	Sens. + Lat	Total	Of Total	Sensible	Of Total	Space Sens	Tot Sens	Of Total	Return	80.9	59.4		
	Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)	Btu/h	Btu/h	(%)	Ret/OA	81.5	58.5		
Envelope Loads					Envelope Loads						Fn MtrTD	0.0	0.0	
Skylite Solar	0	0	0	0	0	0	Skylite Solar	0	0.00	Fn BldTD	0.0	0.0		
Skylite Cond	0	0	0	0	0	0	Skylite Cond	0	0.00	Fn Frict	0.0	0.0		
Roof Cond	0	1,618	1,618	23	0	0	Roof Cond	0	9.08					
Glass Solar	0	0	0	0	0	0	Glass Solar	0	0.00					
Glass/Door Cond	183	0	183	3	154	3	Glass/Door Cond	-305	6.60					
Wall Cond	1,135	260	1,395	20	1,325	28	Wall Cond	-1,484	38.59					
Partition/Door	1,020		1,020	14	1,020	22	Partition/Door	-1,020	22.05					
Floor	0		0	0	0.00	0	Floor	-232	5.02					
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00	Adjacent Floor	0.00	0.00					
Infiltration	0		0	0	0	0	Infiltration	0	0.00					
Sub Total ==>	2,338	1,878	4,215	59	2,499	53	Sub Total ==>	-3,041	81.34					
Internal Loads					Internal Loads									
Lights	429	107	536	8	429	9	Lights	0	0.00					
People	900	0	900	13	500	11	People	0	0.00					
Misc	1,072	0	1,072	15	1,072	23	Misc	0	0.00					
Sub Total ==>	2,400	107	2,508	35	2,000	42	Sub Total ==>	0	0.00					
Ceiling Load	295	-295	0	0	211	4	Ceiling Load	-525	0.00					
Ventilation Load	0	0	475	7	0	0	Ventilation Load	0	7.24					
Adj Air Trans Heat	0		0	0	0	0	Adj Air Trans Heat	0	0					
Dehumid. Ov Sizing			0	0			Ov/Undr Sizing	0	0.00					
Ov/Undr Sizing	0		0	0	0	0	Exhaust Heat	111	-2.39					
Exhaust Heat		-62	-62	-1			OA Preheat Diff.	0	0.00					
Sup. Fan Heat			0	0			RA Preheat Diff.	0	0.00					
Ret. Fan Heat		0	0	0			Additional Reheat	-803	17.36					
Duct Heat PkUp		0	0	0			System Plenum Heat	164	-3.55					
Underflr Sup Ht PkUp			0	0			Underflr Sup Ht PkUp	0	0.00					
Supply Air Leakage		0	0	0			Supply Air Leakage	0	0.00					
Grand Total ==>	5,033	1,628	7,136	100.00	4,710	100.00	Grand Total ==>	-3,566	100.00					

COOLING COIL SELECTION										AREAS				HEATING COIL SELECTION				
	Total Capacity		Sens Cap.	Coil Airflow	Enter DB/WB/HR			Leave DB/WB/HR			Gross Total		Glass		Capacity	Coil Airflow	Ent	Lvg
	ton	MBh	MBh	cfm	°F	°F	gr/lb	°F	°F	gr/lb		ft²	(%)	MBh	cfm	°F	°F	
Main Clg	0.6	7.1	6.5	213	81.5	63.5	59.1	55.1	52.0	53.0	Floor	157		Main Htg	-4.6	0	0.0	0.0
Aux Cig	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Part	127		Aux Htg	0.0	0	0.0	0.0
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Int Door	0		Preheat	0.0	0	0.0	0.0
											ExFlr	15		Reheat	-1.1	64	55.1	70.0
											Roof	157	0	Humidif	0.0	0	0.0	0.0
											Wall	150	0	Opt Vent	0.0	0	0.0	0.0
											Ext Door	24	0	Total	-4.6			

By RLF

COOLING COIL PEAK					CLG SPACE PEAK		HEATING COIL PEAK			TEMPERATURES		
Peaked at Time:		Mo/Hr: 8 / 16			Mo/Hr: 6 / 16		Mo/Hr: Heating Design			Cooling		Heating
Outside Air:		OADB/WB/HR: 93 / 77 / 118			OADB: 94		OADB: 38			SADB	55.1	70.0
Space	Plenum	Net	Percent	Space	Percent	Space Peak	Coil Peak	Percent	Ra Plenum	79.9	59.4	
Sens. + Lat.	Sens. + Lat	Total	Of Total	Sensible	Of Total	Space Sens	Tot Sens	Of Total	Return	79.9	59.4	
Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)	Btu/h	Btu/h	(%)	Ret/OA	80.8	58.0	
Envelope Loads					Envelope Loads					Fn MtrTD	0.0	0.0
Skylite Solar	0	0	0	0	0	Skylite Solar	0	0.00	Fn BldTD	0.0	0.0	
Skylite Cond	0	0	0	0	0	Skylite Cond	0	0.00	Fn Frict	0.0	0.0	
Roof Cond	0	2,771	2,771	32	0	Roof Cond	0	-706				
Glass Solar	0	0	0	0	0	Glass Solar	0	0.00				
Glass/Door Cond	0	0	0	0	0	Glass/Door Cond	0	0.00				
Wall Cond	0	0	0	0	0	Wall Cond	0	0.00				
Partition/Door	4,136		4,136	48	77	Partition/Door	-4,136	66.44				
Floor	0	0	0	0	0	Floor	0	0.00				
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	Adjacent Floor	0.00	0.00				
Infiltration	0	0	0	0	0	Infiltration	0	0.00				
Sub Total ==>	4,136	2,771	6,906	79	77	Sub Total ==>	-4,136	77.79				
Internal Loads					Internal Loads							
Lights	721	180	901	10	13	Lights	0	0.00				
People	0	0	0	0	0	People	0	0.00				
Misc	0	0	0	0	0	Misc	0	0.00				
Sub Total ==>	721	180	901	10	13	Sub Total ==>	0	0.00				
Ceiling Load	411	-411	0	0	9	Ceiling Load	-883	0.00				
Ventilation Load	0	0	986	11	0	Ventilation Load	0	9.05				
Adj Air Trans Heat	0		0	0	0	Adj Air Trans Heat	0	0				
Dehumid. Ov Sizing			0	0		Ov/Undr Sizing	0	0.00				
Ov/Undr Sizing	0		0	0	0	Exhaust Heat		186	-2.99			
Exhaust Heat		-87	-87	-1	0	OA Preheat Diff.		0	0.00			
Sup. Fan Heat			0	0		RA Preheat Diff.		0	0.00			
Ret. Fan Heat		0	0	0		Additional Reheat		-793	12.74			
Duct Heat Pkup		0	0	0		System Plenum Heat		-212	3.41			
Underflr Sup Ht Pkup			0	0		Underflr Sup Ht Pkup		0	0.00			
Supply Air Leakage		0	0	0		Supply Air Leakage		0	0.00			
Grand Total ==>	5,268	2,453	8,707	100.00	5,365	100.00	Grand Total ==>	-5,019	-6,224	100.00		

AIRFLOWS		
	Cooling	Heating
Diffuser	243	73
Terminal	243	73
Main Fan	243	243
Sec Fan	0	0
Nom Vent	16	16
AHU Vent	16	16
Infil	0	0
MinStop/Rh	73	73
Return	243	243
Exhaust	16	16
Rm Exh	0	0
Auxiliary	0	0
Leakage Dwn	0	0
Leakage Ups	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	6.5	6.5
cfm/ft²	0.92	0.92
cfm/ton	334.50	
ft²/ton	363.87	
Btu/hr-ft²	32.98	-23.58
No. People	0.0	0.0/1000 ft²

COOLING COIL SELECTION											AREAS				HEATING COIL SELECTION				
	Total Capacity		Sens Cap.	Coil Airflow	Enter DB/WB/HR			Leave DB/WB/HR			Gross Total		Glass		Capacity	Coil Airflow	Ent	Lvg	
	ton	MBh	MBh	cfm	°F	°F	gr/lb	°F	°F	gr/lb			ft²	(%)	MBh	cfm	°F	°F	
Main Clg	0.7	8.7	8.0	243	80.8	63.7	61.2	55.1	51.4	50.6	Floor	264			Main Htg	-6.2	0	0.0	0.0
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Part	513			Aux Htg	0.0	0	0.0	0.0
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Int Door	0			Preheat	0.0	0	0.0	0.0
											ExFlr	0			Reheat	-1.2	73	55.1	70.0
Total	0.7	8.7									Roof	264	0	0	Humidif	0.0	0	0.0	0.0
											Wall	0	0	0	Opt Vent	0.0	0	0.0	0.0
											Ext Door	0	0	0	Total	-6.2			

By RLF

175A-OFFICE

COOLING COIL PEAK					CLG SPACE PEAK		HEATING COIL PEAK			TEMPERATURES			
Peaked at Time:		Mo/Hr: 8 / 15			Mo/Hr: 6 / 16		Mo/Hr: Heating Design			Cooling		Heating	
Outside Air:		OADB/WB/HR: 93 / 77 / 114			OADB: 94		OADB: 38			SADB		55.1	70.0
										Ra Plenum		79.7	59.4
										Return		79.7	59.4
										Ret/OA		80.4	58.3
										Fn MtrTD		0.0	0.0
										Fn BldTD		0.0	0.0
										Fn Frict		0.0	0.0

COOLING COIL SELECTION											AREAS				HEATING COIL SELECTION				
	Total Capacity		Sens Cap.	Coil Airflow	Enter DB/WB/HR			Leave DB/WB/HR			Gross Total		Glass		Capacity	Coil Airflow	Ent	Lvg	
	ton	MBh	MBh	cfm	°F	°F	gr/lb	°F	°F	gr/lb		ft²	(%)	MBh	cfm	°F	°F		
Main Clg	0.3	3.1	2.8	86	80.4	63.4	60.4	55.1	50.8	48.5	Floor	80		Main Htg	-1.4	0	0.0	0.0	
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Part	92		Aux Htg	0.0	0	0.0	0.0	
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Int Door	0		Preheat	0.0	0	0.0	0.0	
											ExFlr	0		Reheat	-0.4	26	55.1	70.0	
Total	0.3	3.1									Roof	80	0	0	Humidif	0.0	0	0.0	0.0
											Wall	0	0	0	Opt Vent	0.0	0	0.0	0.0
											Ext Door	0	0	0	Total	-1.4			

By RLF

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES				
Peaked at Time:		Mo/Hr: 8 / 15			Mo/Hr: 6 / 16		Mo/Hr: Heating Design				Cooling		Heating			
Outside Air:		OADB/WB/HR: 93 / 77 / 114			OADB: 94		OADB: 38				SADB		70.0			
Space Sens. + Lat.		Plenum Sens. + Lat		Net Total	Percent Of Total	Space Sensible		Percent Of Total	Space Peak Space Sens		Coil Peak Tot Sens	Percent Of Total	Ra Plenum	59.4		
Btu/h		Btu/h		Btu/h	(%)	Btu/h		(%)	Btu/h		Btu/h	(%)	Return	59.4		
Envelope Loads							Envelope Loads							Fn MtrTD		0.0
Skylite Solar		0		0	0	0		0	0		0	0.00	Fn BldTD	0.0		
Skylite Cond		0		0	0	0		0	0		0	0.00	Fn Frict	0.0		
Roof Cond		0		873	28	0		0	0		-214	15.00				
Glass Solar		0		0	0	0		0	0		0	0.00				
Glass/Door Cond		0		0	0	0		0	0		0	0.00				
Wall Cond		0		0	0	0		0	0		0	0.00				
Partition/Door		732		732	23	732		38	-732		-732	51.30				
Floor		0		0	0	0.00		0	0		0	0.00				
Adjacent Floor		0.00		0.00	0.00	0.00		0.00	0.00		0.00	0.00				
Infiltration		0		0	0	0		0	0		0	0.00				
Sub Total ==>		732		873	1,605	51	732		38	-732		-946	66.30			
Internal Loads							Internal Loads									
Lights		218		55	273	9	218		11	0		0	0.00			
People		450		0	450	14	250		13	0		0	0.00			
Misc		546		0	546	17	546		29	0		0	0.00			
Sub Total ==>		1,215		55	1,269	40	1,015		53	0		0	0.00			
Ceiling Load		119		-119	0	0	154		8	-268		0	0.00			
Ventilation Load		0		0	287	9	0		0	0		-171	11.97			
Adj Air Trans Heat		0		0	0	0	0		0	0		0	0			
Dehumid. Ov Sizing				0	0	0			0	0		0	0.00			
Ov/Undr Sizing		0		0	0	0	0		0	56		-3.95				
Exhaust Heat				-25	-25	-1			0	0		0	0.00			
Sup. Fan Heat				0	0	0			0	0		0	0.00			
Ret. Fan Heat				0	0	0			0	-300		21.05				
Duct Heat Pkup				0	0	0			0	-66		4.64				
Underflr Sup Ht Pkup				0	0	0			0	0		0	0.00			
Supply Air Leakage				0	0	0			0	0		0	0.00			
Grand Total ==>		2,065		784	3,136	100.00	1,900		100.00	-999		-1,426	100.00			

AIRFLOWS		
	Cooling	Heating
Diffuser	86	26
Terminal	86	26
Main Fan	86	86
Sec Fan	0	0
Nom Vent	5	5
AHU Vent	5	5
Infil	0	0
MinStop/Rh	26	26
Return	86	86
Exhaust	5	5
Rm Exh	0	0
Auxiliary	0	0
Leakage Dwn	0	0
Leakage Ups	0	0

ENGINEERING CKS		

COOLING COIL SELECTION										AREAS				HEATING COIL SELECTION					
	Total Capacity		Sens Cap.	Coil Airflow	Enter DB/WB/HR			Leave DB/WB/HR			Gross Total		Glass		Capacity	Coil Airflow	Ent	Lvg	
	ton	MBh	MBh	cfm	°F	°F	gr/lb	°F	°F	gr/lb			ft²	(%)	MBh	cfm	°F	°F	
Main Clg	0.3	3.1	2.8	86	80.4	63.4	60.4	55.1	50.8	48.5	Floor	80			Main Htg	-1.4	0	0.0	0.0
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Part	91			Aux Htg	0.0	0	0.0	0.0
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Int Door	0			Preheat	0.0	0	0.0	0.0
											ExFlr	0			Reheat	-0.4	26	55.1	70.0
Total	0.3	3.1									Roof	80	0	0	Humidif	0.0	0	0.0	0.0
											Wall	0	0	0	Opt Vent	0.0	0	0.0	0.0
											Ext Door	0	0	0	Total	-1.4			

Room Checksums

By RLF

175C-OFFICE

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES		
Peaked at Time: Mo/Hr: 8 / 15					Mo/Hr: 6 / 16			Mo/Hr: Heating Design						
Outside Air: OADB/WB/HR: 93 / 77 / 114					OADB: 94			OADB: 38						
Space Sens. + Lat.	Plenum Sens. + Lat.	Net Total	Percent Of Total		Space Sensible	Percent Of Total		Space Peak	Coil Peak	Percent		Cooling	Heating	
Btu/h	Btu/h	Btu/h	(%)		Btu/h	(%)		Space Sens	Tot Sens	Of Total	(%)			
Envelope Loads					Envelope Loads			Envelope Loads						
Skylite Solar	0	0	0	0	0	0	0	0	0	0.00	0	SADB	55.1	70.0
Skylite Cond	0	0	0	0	0	0	0	0	0	0.00	0	Ra Plenum	79.7	59.4
Roof Cond	0	873	873	28	0	0	0	0	-214	14.91	0	Return	79.7	59.4
Glass Solar	0	0	0	0	0	0	0	0	0	0.00	0	Ret/OA	80.4	58.3
Glass/Door Cond	0	0	0	0	0	0	0	0	0	0.00	0	Fn MtrTD	0.0	0.0
Wall Cond	0	0	0	0	0	0	0	0	0	0.00	0	Fn BldTD	0.0	0.0
Partition/Door	739	739	23	0	739	39	0	-739	-739	51.48	0	Fn Frict	0.0	0.0
Floor	0	0	0	0	0.00	0	0	0	0	0.00	0			
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0			
Infiltration	0	0	0	0	0	0	0	0	0	0.00	0			
Sub Total ==>	739	873	1,612	51	739	39	0	-739	-953	66.39	0			
Internal Loads					Internal Loads			Internal Loads						
Lights	218	55	273	9	218	11	0	0	0	0.00	0	AIRFLOWS		
People	450	0	450	14	250	13	0	0	0	0.00	0	Cooling	Heating	
Misc	546	0	546	17	546	29	0	0	0	0.00	0	Diffuser	86	26
Sub Total ==>	1,215	55	1,269	40	1,015	53	0	0	0	0.00	0	Terminal	86	26
												Main Fan	86	86
												Sec Fan	0	0
												Nom Vent	5	5
												AHU Vent	5	5
												Infil	0	0
												MinStop/Rh	26	26
												Return	86	86
												Exhaust	5	5
												Rm Exh	0	0
												Auxiliary	0	0
												Leakage Dwn	0	0
												Leakage Ups	0	0
												ENGINEERING CKS		
												Cooling	Heating	
												% OA	5.6	5.6
												cfm/ft²	1.08	1.08
												cfm/ton	329.39	
												ft²/ton	305.42	
												Btu/hr-ft²	39.29	-17.93
												No. People	1.0	12.5/1000 ft²
Grand Total ==>	2,072	784	3,143	100.00	1,907	100.00	Grand Total ==>	-1,006	-1,435	100.00				

COOLING COIL SELECTION										AREAS				HEATING COIL SELECTION				
	Total Capacity		Sens Cap.	Coil Airflow	Enter DB/WB/HR			Leave DB/WB/HR			Gross Total	Glass	(%)		Capacity	Coil Airflow	Ent	Lvg
	ton	MBh	MBh	cfm	°F	°F	gr/lb	°F	°F	gr/lb		ft²			MBh	cfm	°F	°F
Main Clg	0.3	3.1	2.8	86	80.4	63.4	60.4	55.1	50.8	48.5	Floor	80		Main Htg	-1.4	0	0.0	0.0
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Part	92		Aux Htg	0.0	0	0.0	0.0
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Int Door	0		Preheat	0.0	0	0.0	0.0
											ExFlr	0		Reheat	-0.4	26	55.1	70.0
											Roof	80	0	Humidif	0.0	0	0.0	0.0
											Wall	0	0	Opt Vent	0.0	0	0.0	0.0
											Ext Door	0	0	Total	-1.4			
Total	0.3	3.1																

Room Checksums

By RLF

175D-OFFICE

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK			TEMPERATURES		
Peaked at Time: Mo/Hr: 8 / 15					Mo/Hr: 6 / 16			Mo/Hr: Heating Design					
Outside Air: OADB/WB/HR: 93 / 77 / 114					OADB: 94			OADB: 38					
Space Sens. + Lat.	Plenum Sens. + Lat.	Net Total	Percent Of Total		Space Sensible	Percent Of Total		Space Peak	Coil Peak	Percent		Cooling	Heating
Btu/h	Btu/h	Btu/h	(%)		Btu/h	(%)		Space Sens	Tot Sens	Of Total			
Btu/h	Btu/h	Btu/h	(%)		Btu/h	(%)		Btu/h	Btu/h	(%)			
Envelope Loads					Envelope Loads								
Skylite Solar	0	0	0	0	0	0	0	0	0	0.00	SADB	55.1	70.0
Skylite Cond	0	0	0	0	0	0	0	0	0	0.00	Ra Plenum	79.7	59.4
Roof Cond	0	873	873	28	0	0	0	0	-214	14.91	Return	79.7	59.4
Glass Solar	0	0	0	0	0	0	0	0	0	0.00	Ret/OA	80.4	58.3
Glass/Door Cond	0	0	0	0	0	0	0	0	0	0.00	Fn MtrTD	0.0	0.0
Wall Cond	0	0	0	0	0	0	0	0	0	0.00	Fn BldTD	0.0	0.0
Partition/Door	739	739	23	39	739	39	39	-739	-739	51.48	Fn Frict	0.0	0.0
Floor	0	0	0	0	0.00	0	0	0	0	0.00			
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
Infiltration	0	0	0	0	0	0	0	0	0	0.00			
Sub Total ==>	739	873	1,612	51	739	39	39	-739	-953	66.39			
Internal Loads					Internal Loads								
Lights	218	55	273	9	218	11	11	0	0	0.00	AIRFLOWS		
People	450	0	450	14	250	13	13	0	0	0.00		Cooling	Heating
Misc	546	0	546	17	546	29	29	0	0	0.00	Diffuser	86	26
Sub Total ==>	1,215	55	1,269	40	1,015	53	53	0	0	0.00	Terminal	86	26
											Main Fan	86	86
											Sec Fan	0	0
											Nom Vent	5	5
											AHU Vent	5	5
											Infil	0	0
											MinStop/Rh	26	26
											Return	86	86
											Exhaust	5	5
											Rm Exh	0	0
											Auxiliary	0	0
											Leakage Dwn	0	0
											Leakage Ups	0	0
											ENGINEERING CKS		
												Cooling	Heating
											% OA	5.6	5.6
											cfm/ft²	1.08	1.08
											cfm/ton	329.39	
											ft²/ton	305.42	
											Btu/hr-ft²	39.29	-17.93
											No. People	1.0	12.5/1000 ft²
Grand Total ==>	2,072	784	3,143	100.00	1,907	100.00	100.00	-1,006	-1,435	100.00			

COOLING COIL SELECTION										AREAS				HEATING COIL SELECTION				
Total Capacity		Sens Cap.	Coil Airflow	Enter DB/WB/HR			Leave DB/WB/HR			Gross Total	Glass	ft²	(%)	Capacity	Coil Airflow	Ent °F	Lvg °F	
ton	MBh			°F	°F	gr/lb	°F	°F	gr/lb					MBh	cfm			
Main Clg	0.3	3.1	2.8	86	80.4	63.4	60.4	55.1	50.8	48.5	Floor	80		-1.4	0	0.0	0.0	
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Part	92		0.0	0	0.0	0.0	
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Int Door	0		0.0	0	0.0	0.0	
											ExFlr	0		-0.4	26	55.1	70.0	
											Roof	80	0	0.0	0	0.0	0.0	
											Wall	0	0	0.0	0	0.0	0.0	
											Ext Door	0	0	0.0	0	0.0	0.0	
Total	0.3	3.1												Total	-1.4			

Room Checksums

By RLF

175-ELEC

COOLING COIL PEAK					CLG SPACE PEAK					HEATING COIL PEAK					TEMPERATURES				
Peaked at Time: Mo/Hr: 6 / 18					Mo/Hr: 6 / 19					Mo/Hr: Heating Design					Cooling			Heating	
Outside Air: OADB/WB/HR: 91 / 74 / 100					OADB: 88					OADB: 38					SADB			55.1	70.0
															Ra Plenum			80.4	59.4
															Return			80.4	59.4
															Ret/OA			80.7	58.7
															Fn MtrTD			0.0	0.0
															Fn BldTD			0.0	0.0
															Fn Frict			0.0	0.0

COOLING COIL SELECTION										AREAS				HEATING COIL SELECTION				
Total Capacity		Sens Cap.	Coil Airflow	Enter DB/WB/HR			Leave DB/WB/HR			Gross Total	Glass	ft²	(%)	Capacity	Coil Airflow	Ent °F	Lvg °F	
ton	MBh			°F	°F	gr/lb	°F	°F	gr/lb					MBh	cfm			
Main Clg	0.2	2.4	2.3	82	80.7	63.1	58.6	55.1	53.2	46				Main Htg	-2.8	0	0.0	0.0
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	128				Aux Htg	0.0	0	0.0	0.0
Opt Vent	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0				Preheat	0.0	0	0.0	0.0
										5				Reheat	-0.4	25	55.1	70.0
Total	0.2	2.4								46	0	0		Humidif	0.0	0	0.0	0.0
										47	0	0		Opt Vent	0.0	0	0.0	0.0
										0	0	0		Total	-2.8			