

Room Checksums

By RLF

100 LOBBY

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK			TEMPERATURES		
Peaked at Time: Mo/Hr: 10 / 14					Mo/Hr: 11 / 14			Mo/Hr: Heating Design					
Outside Air: OADB/WB/HR: 82 / 72 / 102					OADB: 75			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	51.6	94.5
Skylite Cond	0	0	0	0	0	0	0	0	0	0.00	Ra Plenum	78.6	67.6
Roof Cond	0	1,209	1,209	6	0	0	0	0	-423	5.50	Return	78.6	67.6
Glass Solar	1,405	0	1,405	7	1,830	13	0	0	0	0.00	Ret/OA	78.6	67.6
Glass/Door Cond	121	0	121	1	-10	0	0	-590	-590	7.66	Fn MtrTD	0.0	0.0
Wall Cond	6,589	2,352	8,940	45	7,147	51	0	-1,479	-1,980	25.74	Fn BldTD	0.0	0.0
Partition/Door	0	0	0	0	0	0	0	0	0	0.00	Fn Frict	0.0	0.0
Floor	0	0	0	0	0.00	0	0	-657	-657	8.53			
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00			
Infiltration	1,262	0	1,262	6	-4	0	0	-1,348	-1,348	17.52			
Sub Total ==>	9,377	3,561	12,937	65	8,963	64	0	-4,074	-4,998	64.96			
Internal Loads					Internal Loads								
Lights	917	229	1,147	6	917	7	0	0	0	0.00	AIRFLOWS		
People	5,400	0	5,400	27	3,000	21	0	0	0	0.00		Cooling	Heating
Misc	717	0	717	4	717	5	0	0	0	0.00	Diffuser	537	161
Sub Total ==>	7,034	229	7,263	36	4,634	33	0	0	0	0.00	Terminal	537	161
											Main Fan	537	161
Ceiling Load	472	-472	0	0	415	3	Ceiling Load	-315	0	0.00	Sec Fan	0	0
Ventilation Load	0	0	0	0	0	0	Ventilation Load	0	0	0.00	Nom Vent	0	0
Adj Air Trans Heat	0	0	0	0	0	0	Adj Air Trans Heat	0	0	0	AHU Vent	0	0
Dehumid. Ov Sizing			0	0			Ov/Undr Sizing	0	0	0.00	Infil	38	38
Ov/Undr Sizing	0		0	0	0	0	Exhaust Heat		100	-1.30	MinStop/Rh	161	161
Exhaust Heat		-149	-149	-1			OA Preheat Diff.		0	0.00	Return	575	199
Sup. Fan Heat		0	0	0			RA Preheat Diff.		0	0.00	Exhaust	38	38
Ret. Fan Heat		0	0	0			Additional Reheat		-2,882	37.45	Rm Exh	0	0
Duct Heat Pkup		0	0	0			System Plenum Heat		86	-1.12	Auxiliary	0	0
Underflr Sup Ht Pkup		0	0	0			Underflr Sup Ht Pkup		0	0.00	Leakage Dwn	0	0
Supply Air Leakage		0	0	0			Supply Air Leakage		0	0.00	Leakage Ups	0	0
Grand Total ==>	16,883	3,168	20,051	100.00	14,012	100.00	Grand Total ==>	-4,388	-7,694	100.00	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	1.7	20.1	16.7	517	78.6	63.8	65.0	51.6	50.4	52.6	Floor	420		Main Htg	-7.7	161	51.6	94.5
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Part	0		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	41		Reheat	-3.3	161	51.6	70.0
Total	1.7	20.1									Roof	455	0	Humidif	0.0	0	0.0	0.0
											Wall	492	33	Opt Vent	0.0	0	0.0	0.0
											Ext Door	0	0	Total	-7.7			

Project Name: HealthFirst Medico

Dataset Name: 21184.TRC

TRACE® 700 v6.3.4 calculated at 05:19 PM on 04/11/2022

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Room Checksums

By RLF

101 W TLT

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES				
Peaked at Time: Mo/Hr: 7 / 15					Mo/Hr: 7 / 15			Mo/Hr: Heating Design				Cooling			Heating	
Outside Air: OADB/WB/HR: 88 / 78 / 129					OADB: 88			OADB: 38				SADB			51.6	135.1
												Ra Plenum			79.0	67.6
												Return			79.0	67.6
												Ret/OA			79.0	67.6
												Fn MtrTD			0.0	0.0
												Fn BldTD			0.0	0.0
												Fn Frict			0.0	0.0

AIRFLOWS		
	Cooling	Heating
Diffuser	9	3
Terminal	9	3
Main Fan	9	3
Sec Fan	0	0
Nom Vent	0	0
AHU Vent	0	0
Infil	4	4
MinStop/Rh	3	3
Return	13	7
Exhaust	4	4
Rm Exh	0	0
Auxiliary	0	0
Leakage Dwn	0	0
Leakage Ups	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft²	0.18	0.05
cfm/ton	206.41	
ft²/ton	1,135.76	
Btu/hr-ft²	10.57	-5.08
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	0.0	0.5	0.3	9	79.0	63.9	65.0	51.6	42.5	25.9	Floor	47		Main Htg	-0.2	3	51.6	135.1
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Part	0		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	-0.1	3	51.6	70.0
Total	0.0	0.5									Roof	51	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	-0.2			

Room Checksums

By RLF

102 M TLT

COOLING COIL PEAK					CLG SPACE PEAK					HEATING COIL PEAK					TEMPERATURES				
Peaked at Time: Mo/Hr: 7 / 15					Mo/Hr: 7 / 15					Mo/Hr: Heating Design					Cooling			Heating	
Outside Air: OADB/WB/HR: 88 / 78 / 129					OADB: 88					OADB: 38					SADB	51.6	135.1		
															Ra Plenum	79.0	67.6		
															Return	79.0	67.6		
															Ret/OA	79.0	67.6		
															Fn MtrTD	0.0	0.0		
															Fn BldTD	0.0	0.0		
															Fn Frict	0.0	0.0		
															AIRFLOWS				
															Cooling		Heating		
															Diffuser	9	3		
															Terminal	9	3		
															Main Fan	9	3		
															Sec Fan	0	0		
															Nom Vent	0	0		
															AHU Vent	0	0		
															Infil	4	4		
															MinStop/Rh	3	3		
															Return	13	7		
															Exhaust	4	4		
															Rm Exh	0	0		
															Auxiliary	0	0		
															Leakage Dwn	0	0		
															Leakage Ups	0	0		
															ENGINEERING CKS				
															Cooling		Heating		
															% OA	0.0	0.0		
															cfm/ft²	0.18	0.05		
															cfm/ton	206.41			
															ft²/ton	1,135.76			
															Btu/hr-ft²	10.57	-5.08		
															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	0.0	0.5	0.3	9	79.0	63.9	65.0	51.6	42.5	25.9	Floor	47		Main Htg	-0.2	3	51.6	135.1	
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Part	0		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	-0.1	3	51.6	70.0	
											Roof	51	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	-0.2			

Room Checksums

By RLF

103 RECEPTION/SCHEDULING

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK			TEMPERATURES		
Peaked at Time: Mo/Hr: 7 / 15					Mo/Hr: 7 / 15			Mo/Hr: Heating Design					
Outside Air: OADB/WB/HR: 88 / 78 / 129					OADB: 88			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	51.6	97.5
Skylite Cond	0	0	0	0	0	0	0	0	0	0.00	Ra Plenum	79.0	67.6
Roof Cond	0	952	952	15	0	0	0	0	-328	15.25	Return	79.0	67.6
Glass Solar	0	0	0	0	0	0	0	0	0	0.00	Ret/OA	79.0	67.6
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	0	0	0	0	0	0	0	0	0	0.00	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	1,731		1,731	27	424	12	424	-1,043	-1,043	48.57			
Sub Total ==>	1,731	952	2,683	42	424	12	424	-1,043	-1,371	63.81			
Internal Loads					Internal Loads								
Lights	710	177	887	14	710	19	710	0	0	0.00			
People	1,800	0	1,800	28	1,000	27	1,000	0	0	0.00			
Misc	1,109	0	1,109	17	1,109	30	1,109	0	0	0.00			
Sub Total ==>	3,619	177	3,797	60	2,819	77	2,819	0	0	0.00			
Ceiling Load	408	-408	0	0	408	11	408	-244	0	0.00			
Ventilation Load	0	0	0	0	0	0	0	0	0	0.00			
Adj Air Trans Heat	0		0	0	0	0	0	0	0	0			
Dehumid. Ov Sizing			0	0				0	0	0.00			
Ov/Undr Sizing	0		0	0	0	0	0	0	77	-3.59			
Exhaust Heat		-129	-129	-2				0	0	0.00			
Sup. Fan Heat			0	0				0	0	0.00			
Ret. Fan Heat		0	0	0				Additional Reheat	-751	34.95			
Duct Heat Pkup		0	0	0				System Plenum Heat	-104	4.83			
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 ==>	5,758	593	6,351	100.00	3,651	100.00	3,651	-1,287	-2,148	100.00			

AIRFLOWS		
	Cooling	Heating
Diffuser	140	42
Terminal	140	42
Main Fan	140	42
Sec Fan	0	0
Nom Vent	0	0
AHU Vent	0	0
Infil	29	29
MinStop/Rh	42	42
Return	169	71
Exhaust	29	29
Rm Exh	0	0
Auxiliary	0	0
Leakage Dwn	0	0
Leakage Ups	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft²	0.43	0.13
cfm/ton	264.26	
ft²/ton	614.09	
Btu/hr-ft²	19.54	-6.61
No. People	4.0	12.3/1000 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	0.5	6.4	4.2	140	79.0	63.9	65.0	51.6	48.0	43.9	Floor	325			Main Htg	-2.2	42	51.6	97.5
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Part	0			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	-0.9	42	51.6	70.0
Total	0.5	6.4									Roof	352	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	-2.2			

Room Checksums

By RLF

104 EXAM ROOM 1

COOLING COIL PEAK					CLG SPACE PEAK					HEATING COIL PEAK					TEMPERATURES		
Peaked at Time: Mo/Hr: 7 / 15					Mo/Hr: 7 / 15					Mo/Hr: Heating Design							
Outside Air: OADB/WB/HR: 88 / 78 / 129					OADB: 88					OADB: 38							
Space Sens. + Lat.	Plenum Sens. + Lat.	Net Total	Percent Of Total		Space Sensible	Percent Of Total				Space Peak	Coil Peak	Percent					
Btu/h	Btu/h	Btu/h	(%)		Btu/h	(%)				Space Sens	Tot Sens	Of Total	(%)				
Envelope Loads					Envelope Loads												
Skylite Solar	0	0	0	0	0	0	0	Skylite Solar	0	0	0	0.00			SADB	Cooling	Heating
Skylite Cond	0	0	0	0	0	0	0	Skylite Cond	0	0	0	0.00			Ra Plenum	51.6	135.6
Roof Cond	0	340	340	10	0	0	0	Roof Cond	0	-118	4.83				Return	79.0	67.6
Glass Solar	0	0	0	0	0	0	0	Glass Solar	0	0	0.00				Ret/OA	79.0	67.6
Glass/Door Cond	392	0	392	11	392	17	17	Glass/Door Cond	-918	-918	37.50				Fn MtrTD	0.0	0.0
Wall Cond	428	203	632	18	428	19	19	Wall Cond	-324	-481	19.65				Fn BldTD	0.0	0.0
Partition/Door	0	0	0	0	0	0	0	Partition/Door	0	0	0.00				Fn Frict	0.0	0.0
Floor	0	0	0	0	0.00	0	0	Floor	-206	-206	8.40						
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Adjacent Floor	0.00	0.00	0.00						
Infiltration	623		623	18	153	7	7	Infiltration	-376	-376	15.35						
Sub Total ==>	1,443	543	1,986	56	973	43		Sub Total ==>	-1,823	-2,098	85.73						
Internal Loads					Internal Loads												
Lights	256	64	319	9	256	11	11	Lights	0	0	0.00						
People	900	0	900	25	500	22	22	People	0	0	0.00						
Misc	399	0	399	11	399	18	18	Misc	0	0	0.00						
Sub Total ==>	1,555	64	1,619	45	1,155	51		Sub Total ==>	0	0	0.00						
Ceiling Load	147	-147	0	0	147	6		Ceiling Load	-88	0	0.00						
Ventilation Load	0	0	0	0	0	0		Ventilation Load	0	0	0.00						
Adj Air Trans Heat	0		0	0	0	0		Adj Air Trans Heat	0	0	0						
Dehumid. Ov Sizing			0	0				Ov/Undr Sizing	0	0	0.00						
Ov/Undr Sizing	0		0	0	0	0		Exhaust Heat		28	-1.13						
Exhaust Heat		-47	-47	-1				OA Preheat Diff.		0	0.00						
Sup. Fan Heat			0	0				RA Preheat Diff.		0	0.00						
Ret. Fan Heat			0	0				Additional Reheat		-468	19.11						
Duct Heat Pkup			0	0				System Plenum Heat		91	-3.71						
Underflr Sup Ht Pkup			0	0				Underflr Sup Ht Pkup		0	0.00						
Supply Air Leakage			0	0				Supply Air Leakage		0	0.00						
Grand Total ==>	3,145	414	3,559	100.00	2,274	100.00		Grand Total ==>	-1,910	-2,447	100.00						

AIRFLOWS		
	Cooling	Heating
Diffuser	87	26
Terminal	87	26
Main Fan	87	26
Sec Fan	0	0
Nom Vent	0	0
AHU Vent	0	0
Infil	11	11
MinStop/Rh	26	26
Return	98	37
Exhaust	11	11
Rm Exh	0	0
Auxiliary	0	0
Leakage Dwn	0	0
Leakage Ups	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft²	0.74	0.22
cfm/ton	293.76	
ft²/ton	394.52	
Btu/hr-ft²	30.42	-20.91
No. People	2.0	17.1/1000 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	0.3	3.6	2.7	87	79.0	63.9	65.0	51.6	49.8	50.4	Floor	117		Main Htg	-2.5	26	51.6	135.6	
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Part	0		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	13		Reheat	-0.5	26	51.6	70.0	
											Roof	127	0	0	Humidif	0.0	0	0.0	0.0
											Wall	112	0	0	Opt Vent	0.0	0	0.0	0.0
											Ext Door	42	0	0	Total	-2.5			
Total	0.3	3.6																	

Room Checksums

By RLF

105 EXAM ROOM 2

COOLING COIL PEAK					CLG SPACE PEAK					HEATING COIL PEAK					TEMPERATURES		
Peaked at Time: Mo/Hr: 7 / 15					Mo/Hr: 7 / 15					Mo/Hr: Heating Design							
Outside Air: OADB/WB/HR: 88 / 78 / 129					OADB: 88					OADB: 38							
Space Sens. + Lat.	Plenum Sens. + Lat.	Net Total	Percent Of Total		Space Sensible	Percent Of Total				Space Peak	Coil Peak	Percent					
Btu/h	Btu/h	Btu/h	(%)		Btu/h	(%)				Space Sens	Tot Sens	Of Total	(%)				
Envelope Loads					Envelope Loads												
Skylite Solar	0	0	0	0	0	0	0	Skylite Solar	0	0	0	0.00			SADB	Cooling	Heating
Skylite Cond	0	0	0	0	0	0	0	Skylite Cond	0	0	0	0.00			Ra Plenum	51.6	94.9
Roof Cond	0	340	340	13	0	0	0	Roof Cond	0	-118	14.65				Return	79.0	67.6
Glass Solar	0	0	0	0	0	0	0	Glass Solar	0	0	0	0.00			Ret/OA	79.0	67.6
Glass/Door Cond	0	0	0	0	0	0	0	Glass/Door Cond	0	0	0	0.00			Fn MtrTD	0.0	0.0
Wall Cond	0	0	0	0	0	0	0	Wall Cond	0	0	0	0.00			Fn BldTD	0.0	0.0
Partition/Door	0	0	0	0	0	0	0	Partition/Door	0	0	0	0.00			Fn Frict	0.0	0.0
Floor	0	0	0	0	0.00	0	0	Floor	0	0	0	0.00					
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Adjacent Floor	0.00	0.00	0.00	0.00					
Infiltration	623		623	25	153	10	153	Infiltration	-376	-376	46.58						
Sub Total ==>	623	340	963	38	153	10	153	Sub Total ==>	-376	-494	61.23						
Internal Loads					Internal Loads												
Lights	256	64	319	13	256	18	256	Lights	0	0	0	0.00					
People	900	0	900	35	500	34	500	People	0	0	0	0.00					
Misc	399	0	399	16	399	27	399	Misc	0	0	0	0.00					
Sub Total ==>	1,555	64	1,619	64	1,155	79	1,155	Sub Total ==>	0	0	0	0.00					
Ceiling Load	147	-147	0	0	147	10	147	Ceiling Load	-88	0	0.00						
Ventilation Load	0	0	0	0	0	0	0	Ventilation Load	0	0	0.00						
Adj Air Trans Heat	0		0	0	0	0	0	Adj Air Trans Heat	0	0	0						
Dehumid. Ov Sizing			0	0				Ov/Undr Sizing	0	0	0.00						
Ov/Undr Sizing	0		0	0	0	0	0	Exhaust Heat		28	-3.44						
Exhaust Heat		-47	-47	-2				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		-299	37.09						
Duct Heat Pkup		0	0	0				System Plenum Heat		-41	5.12						
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 ==>	2,325	211	2,536	100.00	1,454	100.00	1,454	Grand Total ==>	-463	-806	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	0.2	2.5	1.7	56	79.0	63.9	65.0	51.6	47.9	117				Main Htg	-0.8	17	51.6	94.9
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0				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
										0				Reheat	-0.3	17	51.6	70.0
Total	0.2	2.5								127	0	0		Humidif	0.0	0	0.0	0.0
										0	0	0		Opt Vent	0.0	0	0.0	0.0
										0	0	0		Total	-0.8			

Room Checksums

By RLF

106 EXAM ROOM 3

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK			TEMPERATURES		
Peaked at Time: Mo/Hr: 7 / 15					Mo/Hr: 7 / 15			Mo/Hr: Heating Design					
Outside Air: OADB/WB/HR: 88 / 78 / 129					OADB: 88			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	51.6	94.9
Skylite Cond	0	0	0	0	0	0	0	0	0	0.00	Ra Plenum	79.0	67.6
Roof Cond	0	333	333	13	0	0	0	0	-118	14.65	Return	79.0	67.6
Glass Solar	0	0	0	0	0	0	0	0	0	0.00	Ret/OA	79.0	67.6
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	0	0	0	0	0	0	0	0	0	0.00	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	623		623	25	153	10	153	-376	-376	46.58			
Sub Total ==>	623	333	956	38	153	10	153	-376	-494	61.23			
Internal Loads					Internal Loads								
Lights	256	64	319	13	256	18	256	0	0	0.00			
People	900	0	900	36	500	34	500	0	0	0.00			
Misc	399	0	399	16	399	27	399	0	0	0.00			
Sub Total ==>	1,555	64	1,619	64	1,155	79	1,155	0	0	0.00			
Ceiling Load	147	-147	0	0	147	10	147	-88	0	0.00			
Ventilation Load	0	0	0	0	0	0	0	0	0	0.00			
Adj Air Trans Heat	0		0	0	0	0	0	0	0	0			
Dehumid. Ov Sizing			0	0				0	0	0.00			
Ov/Undr Sizing	0		0	0	0	0	0	0	28	-3.44			
Exhaust Heat		-47	-47	-2				0	0	0.00			
Sup. Fan Heat			0	0				0	0	0.00			
Ret. Fan Heat		0	0	0				-299	37.09				
Duct Heat Pkup		0	0	0				-41	5.12				
Underflr Sup Ht Pkup			0	0				0	0	0.00			
Supply Air Leakage		0	0	0				0	0	0.00			
Grand Total ==>	2,325	204	2,529	100.00	1,454	100.00	1,454	-463	-806	100.00			

AIRFLOWS		
	Cooling	Heating
Diffuser	56	17
Terminal	56	17
Main Fan	56	17
Sec Fan	0	0
Nom Vent	0	0
AHU Vent	0	0
Infil	11	11
MinStop/Rh	17	17
Return	66	27
Exhaust	11	11
Rm Exh	0	0
Auxiliary	0	0
Leakage Dwn	0	0
Leakage Ups	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft²	0.48	0.14
cfm/ton	264.38	
ft²/ton	555.23	
Btu/hr-ft²	21.61	-6.89
No. People	2.0	17.1/1000 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	0.2	2.5	1.7	56	79.0	63.9	65.0	51.6	48.0	43.9	Floor	117		Main Htg	-0.8	17	51.6	94.9	
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Part	0		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	-0.3	17	51.6	70.0	
Total	0.2	2.5									Roof	127	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	-0.8			

Room Checksums

By RLF

107 EXAMS ROOM 4

COOLING COIL PEAK					CLG SPACE PEAK					HEATING COIL PEAK					TEMPERATURES		
Peaked at Time: Mo/Hr: 7 / 16					Mo/Hr: 7 / 15					Mo/Hr: Heating Design							
Outside Air: OADB/WB/HR: 88 / 78 / 133					OADB: 88					OADB: 38							
Space Sens. + Lat.	Plenum Sens. + Lat.	Net Total	Percent Of Total		Space Sensible	Percent Of Total				Space Peak	Coil Peak	Percent					
Btu/h	Btu/h	Btu/h	(%)		Btu/h	(%)				Space Sens	Tot Sens	Of Total					
Envelope Loads					Envelope Loads												
Skylite Solar	0	0	0	0	0	0	0	Skylite Solar	0	0	0	0.00			SADB	Cooling	Heating
Skylite Cond	0	0	0	0	0	0	0	Skylite Cond	0	0	0	0.00			Ra Plenum	51.6	94.9
Roof Cond	0	291	291	12	0	0	0	Roof Cond	0	-118	14.65				Return	78.8	67.6
Glass Solar	0	0	0	0	0	0	0	Glass Solar	0	0	0	0.00			Ret/OA	78.8	67.6
Glass/Door Cond	0	0	0	0	0	0	0	Glass/Door Cond	0	0	0	0.00			Fn MtrTD	0.0	0.0
Wall Cond	0	0	0	0	0	0	0	Wall Cond	0	0	0	0.00			Fn BldTD	0.0	0.0
Partition/Door	0	0	0	0	0	0	0	Partition/Door	0	0	0	0.00			Fn Frict	0.0	0.0
Floor	0	0	0	0	0.00	0	0	Floor	0	0	0	0.00					
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Adjacent Floor	0.00	0.00	0.00	0.00					
Infiltration	649		649	26	153	10	10	Infiltration	-376	-376	46.58						
Sub Total ==>	649	291	940	37	153	10	10	Sub Total ==>	-376	-494	61.23						
Internal Loads					Internal Loads												
Lights	256	64	319	13	256	18	18	Lights	0	0	0	0.00					
People	900	0	900	36	500	34	34	People	0	0	0	0.00					
Misc	399	0	399	16	399	27	27	Misc	0	0	0	0.00					
Sub Total ==>	1,555	64	1,619	64	1,155	79	79	Sub Total ==>	0	0	0	0.00					
Ceiling Load	140	-140	0	0	147	10	10	Ceiling Load	-88	0	0.00						
Ventilation Load	0	0	0	0	0	0	0	Ventilation Load	0	0	0.00						
Adj Air Trans Heat	0		0	0	0	0	0	Adj Air Trans Heat	0	0	0	0					
Dehumid. Ov Sizing			0	0				Ov/Undr Sizing	0	0	0.00						
Ov/Undr Sizing	0		0	0	0	0	0	Exhaust Heat		28	-3.44						
Exhaust Heat		-44	-44	-2				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		-299	37.09						
Duct Heat Pkup		0	0	0				System Plenum Heat		-41	5.12						
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 ==>	2,344	170	2,514	100.00	1,454	100.00	100.00	Grand Total ==>	-463	-806	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	0.2	2.5	1.6	55	78.8	63.9	65.0	51.6	47.9	43.5	Floor	117		Main Htg	-0.8	17	51.6	94.9	
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Part	0		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	-0.3	17	51.6	70.0	
Total	0.2	2.5									Roof	127	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	-0.8			

Room Checksums

By RLF

108 EXAM ROOM 5

COOLING COIL PEAK					CLG SPACE PEAK					HEATING COIL PEAK					TEMPERATURES		
Peaked at Time: Mo/Hr: 7 / 16					Mo/Hr: 7 / 15					Mo/Hr: Heating Design							
Outside Air: OADB/WB/HR: 88 / 78 / 133					OADB: 88					OADB: 38							
Space Sens. + Lat.	Plenum Sens. + Lat.	Net Total	Percent Of Total		Space Sensible	Percent Of Total				Space Peak	Coil Peak	Percent					
Btu/h	Btu/h	Btu/h	(%)		Btu/h	(%)				Space Sens	Tot Sens	Of Total					
Envelope Loads					Envelope Loads												
Skylite Solar	0	0	0	0	0	0	0	Skylite Solar	0	0	0	0.00			SADB	Cooling	Heating
Skylite Cond	0	0	0	0	0	0	0	Skylite Cond	0	0	0	0.00			Ra Plenum	78.8	67.6
Roof Cond	0	291	291	12	0	0	0	Roof Cond	0	-118	14.65				Return	78.8	67.6
Glass Solar	0	0	0	0	0	0	0	Glass Solar	0	0	0	0.00			Ret/OA	78.8	67.6
Glass/Door Cond	0	0	0	0	0	0	0	Glass/Door Cond	0	0	0	0.00			Fn MtrTD	0.0	0.0
Wall Cond	0	0	0	0	0	0	0	Wall Cond	0	0	0	0.00			Fn BldTD	0.0	0.0
Partition/Door	0	0	0	0	0	0	0	Partition/Door	0	0	0	0.00			Fn Frict	0.0	0.0
Floor	0	0	0	0	0.00	0	0	Floor	0	0	0	0.00					
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Adjacent Floor	0.00	0.00	0.00	0.00					
Infiltration	649		649	26	153	10	10	Infiltration	-376	-376	46.58						
Sub Total ==>	649	291	940	37	153	10	10	Sub Total ==>	-376	-494	61.23						
Internal Loads					Internal Loads												
Lights	256	64	319	13	256	18	18	Lights	0	0	0	0.00					
People	900	0	900	36	500	34	34	People	0	0	0	0.00					
Misc	399	0	399	16	399	27	27	Misc	0	0	0	0.00					
Sub Total ==>	1,555	64	1,619	64	1,155	79	79	Sub Total ==>	0	0	0	0.00					
Ceiling Load	140	-140	0	0	147	10	10	Ceiling Load	-88	0	0	0.00					
Ventilation Load	0	0	0	0	0	0	0	Ventilation Load	0	0	0	0.00					
Adj Air Trans Heat	0		0	0	0	0	0	Adj Air Trans Heat	0	0	0	0					
Dehumid. Ov Sizing			0	0				Ov/Undr Sizing	0	0	0	0.00					
Ov/Undr Sizing	0		0	0	0	0	0	Exhaust Heat		28	-3.44						
Exhaust Heat		-44	-44	-2				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		-299	37.09						
Duct Heat Pkup		0	0	0				System Plenum Heat		-41	5.12						
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 ==>	2,344	170	2,514	100.00	1,454	100.00	100.00	Grand Total ==>	-463	-806	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	°F	°F	°F	°F	gr/lb	gr/lb			ft²	(%)		MBh	cfm	°F	°F	
Main Clg	0.2	2.5	1.6	55	78.8	63.9	65.0	51.6	47.9	43.5	Floor	117		Main Htg	-0.8	17	51.6	94.9
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Part	0		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	-0.3	17	51.6	70.0
Total	0.2	2.5									Roof	127	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	-0.8			

Room Checksums

By RLF

109 PROVIDER OFF

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK			TEMPERATURES		
Peaked at Time: Mo/Hr: 7 / 17					Mo/Hr: 6 / 18			Mo/Hr: Heating Design					
Outside Air: OADB/WB/HR: 87 / 78 / 132					OADB: 81			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	51.6	120.6
Skylite Cond	0	0	0	0	0	0	0	0	0	0.00	Ra Plenum	78.5	67.6
Roof Cond	0	247	247	7	0	0	0	0	-118	5.34	Return	78.5	67.6
Glass Solar	341	0	341	9	461	18	0	0	0	0.00	Ret/OA	78.5	67.6
Glass/Door Cond	230	0	230	6	128	5	0	-590	-590	26.65	Fn MtrTD	0.0	0.0
Wall Cond	486	208	694	19	574	23	0	-363	-520	23.52	Fn BldTD	0.0	0.0
Partition/Door	0	0	0	0	0	0	0	0	0	0.00	Fn Frict	0.0	0.0
Floor	0	0	0	0	0.00	0	0	-206	-206	9.29			
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00			
Infiltration	632	632	632	17	74	3	0	-376	-376	16.98			
Sub Total ==>	1,689	455	2,144	58	1,237	49	0	-1,534	-1,810	81.78			
Internal Loads					Internal Loads								
Lights	256	64	319	9	256	10	0	0	0	0.00	AIRFLOWS		
People	900	0	900	24	500	20	0	0	0	0.00		Cooling	Heating
Misc	399	0	399	11	399	16	0	0	0	0.00	Diffuser	96	29
Sub Total ==>	1,555	64	1,619	43	1,155	46	0	0	0	0.00	Terminal	96	29
											Main Fan	96	29
Ceiling Load	129	-129	0	0	110	4	0	-88	0	0.00	Sec Fan	0	0
Ventilation Load	0	0	0	0	0	0	0	0	0	0.00	Nom Vent	0	0
Adj Air Trans Heat	0	0	0	0	0	0	0	0	0	0	AHU Vent	0	0
Dehumid. Ov Sizing	0	0	0	0	0	0	0	0	0	0.00	Infil	11	11
Ov/Undr Sizing	0	0	0	0	0	0	0	0	0	0.00	MinStop/Rh	29	29
Exhaust Heat	-41	-41	-1	-1	0	0	0	0	28	-1.25	Return	106	39
Sup. Fan Heat	0	0	0	0	0	0	0	0	0	0.00	Exhaust	11	11
Ret. Fan Heat	0	0	0	0	0	0	0	0	0	0.00	Rm Exh	0	0
Duct Heat Pkup	0	0	0	0	0	0	0	0	0	0.00	Auxiliary	0	0
Underflr Sup Ht Pkup	0	0	0	0	0	0	0	0	0	0.00	Leakage Dwn	0	0
Supply Air Leakage	0	0	0	0	0	0	0	0	0	0.00	Leakage Ups	0	0
Grand Total ==>	3,373	349	3,722	100.00	2,503	100.00	Grand Total ==>	-1,622	-2,213	100.00	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	°F	°F	gr/lb	°F	°F	gr/lb			ft²	(%)	MBh	cfm	°F	°F	
Main Clg	0.3	3.7	2.8	95	78.5	63.8	65.0	51.6	50.2	51.9	Floor	117	-2.2	29	51.6	120.6	
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Part	0	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	13	-0.6	29	51.6	70.0	
Total	0.3	3.7									Roof	127	0.0	0	0.0	0.0	
											Wall	154	0.0	0	0.0	0.0	
											Ext Door	0	0.0	0	0.0	0.0	
													Total	-2.2			

Project Name: HealthFirst Medico

Dataset Name: 21184.TRC

TRACE® 700 v6.3.4 calculated at 05:19 PM on 04/11/2022

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Room Checksums

By RLF

110 EXAM ROOM 6

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES		
Peaked at Time:		Mo/Hr: 7 / 15			Mo/Hr: 7 / 15		Mo/Hr: Heating Design				Cooling		Heating	
Outside Air:		OADB/WB/HR: 88 / 78 / 129			OADB: 88		OADB: 38				SADB		51.6	94.8
											Ra Plenum		79.0	67.6
											Return		79.0	67.6
											Ret/OA		79.0	67.6
											Fn MtrTD		0.0	0.0
											Fn BldTD		0.0	0.0
											Fn Frict		0.0	0.0

AIRFLOWS		
	Cooling	Heating
Diffuser	55	17
Terminal	55	17
Main Fan	55	17
Sec Fan	0	0
Nom Vent	0	0
AHU Vent	0	0
Infil	10	10
MinStop/Rh	17	17
Return	66	27
Exhaust	10	10
Rm Exh	0	0
Auxiliary	0	0
Leakage Dwn	0	0
Leakage Ups	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft²	0.48	0.14
cfm/ton	264.56	
ft²/ton	553.98	
Btu/hr-ft²	21.66	-6.90
No. People	2.0	17.2/1000 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	0.2	2.5	1.7	55	79.0	63.9	65.0	51.6	48.0	44.0	Floor	116			Main Htg	-0.8	17	51.6	94.8
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Part	0			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	-0.3	17	51.6	70.0
											Roof	126	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	-0.8			
Total	0.2	2.5																	

Room Checksums

By RLF

111 TEAM STATION

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK			TEMPERATURES		
Peaked at Time: Mo/Hr: 7 / 16					Mo/Hr: 7 / 15			Mo/Hr: Heating Design					
Outside Air: OADB/WB/HR: 88 / 78 / 133					OADB: 88			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	51.6	90.9
Skylite Cond	0	0	0	0	0	0	0	0	0	0.00	Ra Plenum	78.8	67.6
Roof Cond	0	373	373	10	0	0	0	0	-152	13.56	Return	78.8	67.6
Glass Solar	0	0	0	0	0	0	0	0	0	0.00	Ret/OA	78.8	67.6
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	0	0	0	0	0	0	0	0	0	0.00	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	832		832	22	196	9	196	-482	-482	43.05			
Sub Total ==>	832	373	1,205	31	196	9	196	-482	-633	56.61			
Internal Loads					Internal Loads								
Lights	328	82	410	11	328	15	328	0	0	0.00			
People	1,800	0	1,800	47	1,000	45	1,000	0	0	0.00			
Misc	512	0	512	13	512	23	512	0	0	0.00			
Sub Total ==>	2,640	82	2,722	70	1,840	83	1,840	0	0	0.00			
Ceiling Load	180	-180	0	0	188	8	188	-112	0	0.00			
Ventilation Load	0	0	0	0	0	0	0	0	0	0.00			
Adj Air Trans Heat	0		0	0	0	0	0	0	0	0			
Dehumid. Ov Sizing			0	0				0	0	0.00			
Ov/Undr Sizing	0		0	0	0	0	0	0	36	-3.18			
Exhaust Heat		-57	-57	-1				0	0	0.00			
Sup. Fan Heat			0	0				0	0	0.00			
Ret. Fan Heat		0	0	0				0	0	0.00			
Duct Heat Pkup		0	0	0				-457	40.88				
Underflr Sup Ht Pkup			0	0				-64	5.69				
Supply Air Leakage		0	0	0				0	0	0.00			
Grand Total ==>	3,652	218	3,870	100.00	2,224	100.00	2,224	-594	-1,119	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	3.9	2.4	85	78.8	63.9	65.0	51.6	47.8	43.1	Floor	150	Main Htg	-1.1	26	51.6	90.9
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Part	0	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	-0.5	26	51.6	70.0
Total	0.3	3.9									Roof	163	Humidif	0.0	0	0.0	0.0
											Wall	0	Opt Vent	0.0	0	0.0	0.0
											Ext Door	0	Total	-1.1			

Project Name: HealthFirst Medico

Dataset Name: 21184.TRC

TRACE® 700 v6.3.4 calculated at 05:19 PM on 04/11/2022

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Room Checksums

By RLF

112 POC

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK			TEMPERATURES			
Peaked at Time: Mo/Hr: 7 / 16					Mo/Hr: 7 / 15			Mo/Hr: Heating Design			Cooling			Heating
Outside Air: OADB/WB/HR: 88 / 78 / 133					OADB: 88			OADB: 38			SADB			135.1
											Ra Plenum			67.6
											Return			67.6
											Ret/OA			67.6
											Fn MtrTD			0.0
											Fn BldTD			0.0
											Fn Frict			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	°F	°F	gr/lb	°F	°F	gr/lb			ft²	(%)	MBh	cfm	°F	°F	
Main Clg	0.0	0.2	0.1	4	78.8	63.9	65.0	51.6	42.2	20			Main Htg	-0.1	1	51.6	135.1
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0			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
										0			Reheat	0.0	1	51.6	70.0
Total	0.0	0.2								22	0	0	Humidif	0.0	0	0.0	0.0
										0	0	0	Opt Vent	0.0	0	0.0	0.0
										0	0	0	Total	-0.1			
										0	0	0					

Room Checksums

By RLF

113 ELEC

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK			TEMPERATURES			
Peaked at Time: Mo/Hr: 7 / 15					Mo/Hr: 6 / 18			Mo/Hr: Heating Design			Cooling			Heating
Outside Air: OADB/WB/HR: 88 / 78 / 129					OADB: 81			OADB: 38			SADB			114.0
											Ra Plenum			67.6
											Return			67.6
											Ret/OA			67.6
											Fn MtrTD			0.0
											Fn BldTD			0.0
											Fn Frict			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	cfm	°F	°F	°F	°F	°F	°F	ft² (%)	MBh	MBh	cfm	°F	°F				
					gr/lb	gr/lb												
Main Clg	0.1	1.3	1.1	35	79.0	63.9	65.0	51.6	51.2	55.3	Floor	55	-0.7	11	51.6	114.0		
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Part	0	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		
Total	0.1	1.3									ExFlr	5	-0.2	11	51.6	70.0		
											Roof	60	0.0	0	0.0	0.0		
											Wall	65	0.0	0	0.0	0.0		
											Ext Door	0	0.0	0	0.0	0.0		
											Total	-0.7						

Room Checksums

By RLF

114 EVS

COOLING COIL PEAK					CLG SPACE PEAK		HEATING COIL PEAK			TEMPERATURES		
Peaked at Time: Mo/Hr: 7 / 17					Mo/Hr: 6 / 18		Mo/Hr: Heating Design					
Outside Air: OADB/WB/HR: 87 / 78 / 132					OADB: 81		OADB: 38					
Space Sens. + Lat.	Plenum Sens. + Lat.	Net Total	Percent Of Total		Space Sensible	Percent Of Total	Space Peak	Coil Peak	Percent			
Btu/h	Btu/h	Btu/h	(%)		Btu/h	(%)	Space Sens	Tot Sens	Of Total			
Envelope Loads					Envelope Loads							
Skylite Solar	0	0	0	0	0	0	0	0	0.00	SADB	Cooling	Heating
Skylite Cond	0	0	0	0	0	0	0	0	0.00	Ra Plenum	51.6	152.0
Roof Cond	0	121	121	9	0	0	0	-58	4.55	Return	78.5	67.6
Glass Solar	341	0	341	24	461	47	0	0	0.00	Ret/OA	78.5	67.6
Glass/Door Cond	230	0	230	16	128	13	-590	-590	46.48	Fn MtrTD	0.0	0.0
Wall Cond	154	107	261	19	182	18	-115	-196	15.43	Fn BldTD	0.0	0.0
Partition/Door	0	0	0	0	0	0	0	0	0.00	Fn Frict	0.0	0.0
Floor	0	0	0	0	0.00	0	-105	-105	8.30			
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
Infiltration	308	308	308	22	36	4	-183	-183	14.42			
Sub Total ==>	1,033	227	1,260	90	808	82	-993	-1,131	89.18			
Internal Loads					Internal Loads							
Lights	125	31	156	11	125	13	0	0	0.00			
People	0	0	0	0	0	0	0	0	0.00			
Misc	0	0	0	0	0	0	0	0	0.00			
Sub Total ==>	125	31	156	11	125	13	0	0	0.00			
Ceiling Load	63	-63	0	0	54	5	-43	0	0.00			
Ventilation Load	0	0	0	0	0	0	0	0	0.00			
Adj Air Trans Heat	0	0	0	0	0	0	0	0	0			
Dehumid. Ov Sizing			0	0			0	0	0.00			
Ov/Undr Sizing	0		0	0	0	0	0	14	-1.07			
Exhaust Heat		-20	-20	-1			0	0	0.00			
Sup. Fan Heat			0	0			0	0	0.00			
Ret. Fan Heat		0	0	0			0	0	0.00			
Duct Heat Pkup		0	0	0			0	-203	15.98			
Underflr Sup Ht Pkup			0	0			52	-4.10				
Supply Air Leakage		0	0	0			0	0	0.00			
Grand Total ==>	1,220	176	1,396	100.00	986	100.00	-1,036	-1,269	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	0.1	1.4	1.2	37	78.5	63.8	65.0	51.6	51.0	57			Main Htg	-1.3	11	51.6	152.0
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0			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
										7			Reheat	-0.2	11	51.6	70.0
Total	0.1	1.4								62	0	0	Humidif	0.0	0	0.0	0.0
										79	33	42	Opt Vent	0.0	0	0.0	0.0
										0	0	0	Total	-1.3			

Room Checksums

By RLF

115 SOIL

COOLING COIL PEAK					CLG SPACE PEAK					HEATING COIL PEAK					TEMPERATURES		
Peaked at Time: Mo/Hr: 7 / 15					Mo/Hr: 7 / 15					Mo/Hr: Heating Design							
Outside Air: OADB/WB/HR: 88 / 78 / 129					OADB: 88					OADB: 38							
Space Sens. + Lat.	Plenum Sens. + Lat.	Net Total	Percent Of Total		Space Sensible	Percent Of Total				Space Peak	Coil Peak	Percent					
Btu/h	Btu/h	Btu/h	(%)		Btu/h	(%)				Space Sens	Tot Sens	Of Total	(%)				
Envelope Loads					Envelope Loads												
Skylite Solar	0	0	0	0	0	0	0	Skylite Solar	0	0	0	0.00			SADB	Cooling	Heating
Skylite Cond	0	0	0	0	0	0	0	Skylite Cond	0	0	0	0.00			Ra Plenum	51.6	143.6
Roof Cond	0	152	152	17	0	0	0	Roof Cond	0	-57	9.53				Return	79.0	67.6
Glass Solar	0	0	0	0	0	0	0	Glass Solar	0	0	0.00				Ret/OA	79.0	67.6
Glass/Door Cond	0	0	0	0	0	0	0	Glass/Door Cond	0	0	0.00				Fn MtrTD	0.0	0.0
Wall Cond	240	72	312	35	240	47	39.83	Wall Cond	-181	-237	39.83				Fn BldTD	0.0	0.0
Partition/Door	0	0	0	0	0	0	0.00	Partition/Door	0	0	0.00				Fn Frict	0.0	0.0
Floor	0	0	0	0	0.00	0	0.00	Floor	-73	-73	12.31						
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Adjacent Floor	0.00	0.00	0.00						
Infiltration	298	298	33	33	73	14	30.19	Infiltration	-180	-180	30.19						
Sub Total ==>	538	225	763	85	313	62	91.86	Sub Total ==>	-434	-547	91.86						
Internal Loads					Internal Loads												
Lights	122	31	153	17	122	24	0.00	Lights	0	0	0.00						
People	0	0	0	0	0	0	0.00	People	0	0	0.00						
Misc	0	0	0	0	0	0	0.00	Misc	0	0	0.00						
Sub Total ==>	122	31	153	17	122	24	0.00	Sub Total ==>	0	0	0.00						
Ceiling Load	70	-70	0	0	70	14	0.00	Ceiling Load	-42	0	0.00						
Ventilation Load	0	0	0	0	0	0	0.00	Ventilation Load	0	0	0.00						
Adj Air Trans Heat	0	0	0	0	0	0	0	Adj Air Trans Heat	0	0	0						
Dehumid. Ov Sizing			0	0			0.00	Ov/Undr Sizing	0	0	0.00						
Ov/Undr Sizing	0		0	0	0	0	-2.23	Exhaust Heat		13	-2.23						
Exhaust Heat		-22	-22	-2			0.00	OA Preheat Diff.		0	0.00						
Sup. Fan Heat			0	0			0.00	RA Preheat Diff.		0	0.00						
Ret. Fan Heat		0	0	0			17.45	Additional Reheat		-104	17.45						
Duct Heat Pkup		0	0	0			-7.08	System Plenum Heat		42	-7.08						
Underflr Sup Ht Pkup			0	0			0.00	Underflr Sup Ht Pkup		0	0.00						
Supply Air Leakage		0	0	0			0.00	Supply Air Leakage		0	0.00						
Grand Total ==>	731	163	893	100.00	505	100.00		Grand Total ==>	-476	-596	100.00						

AIRFLOWS		
	Cooling	Heating
Diffuser	19	6
Terminal	19	6
Main Fan	19	6
Sec Fan	0	0
Nom Vent	0	0
AHU Vent	0	0
Infil	5	5
MinStop/Rh	6	6
Return	24	11
Exhaust	5	5
Rm Exh	0	0
Auxiliary	0	0
Leakage Dwn	0	0
Leakage Ups	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft²	0.35	0.10
cfm/ton	260.05	
ft²/ton	752.22	
Btu/hr-ft²	15.95	-10.63
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	0.1	0.9	0.7	19	79.0	63.9	65.0	51.6	47.7	42.9	Floor	56		Main Htg	-0.6	6	51.6	143.6
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Part	0		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	5		Reheat	-0.1	6	51.6	70.0
Total	0.1	0.9									Roof	61	0	Humidif	0.0	0	0.0	0.0
											Wall	55	0	Opt Vent	0.0	0	0.0	0.0
											Ext Door	0	0	Total	-0.6			

Room Checksums

By RLF

116 MANAGER OFF

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK			TEMPERATURES		
Peaked at Time: Mo/Hr: 7 / 17					Mo/Hr: 7 / 18			Mo/Hr: Heating Design					
Outside Air: OADB/WB/HR: 87 / 78 / 132					OADB: 85			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			
Skylite Cond	0	0	0	0	0	0	0	0	0	0.00			
Roof Cond	0	216	216	7	0	0	0	0	-103	5.67			
Glass Solar	341	0	341	12	373	20	0	0	0	0.00			
Glass/Door Cond	230	0	230	8	204	11	0	-590	-590	32.36			
Wall Cond	318	157	474	16	350	19	0	-238	-356	19.52			
Partition/Door	0	0	0	0	0	0	0	0	0	0.00			
Floor	0	0	0	0	0.00	0	0	-155	-155	8.49			
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00			
Infiltration	551	551	551	19	103	6	0	-327	-327	17.97			
Sub Total ==>	1,440	373	1,812	61	1,029	56	0	-1,309	-1,531	84.00			
Internal Loads					Internal Loads								
Lights	223	56	279	9	223	12	0	0	0	0.00			
People	900	0	900	30	500	27	0	0	0	0.00			
Misc	0	0	0	0	0	0	0	0	0	0.00			
Sub Total ==>	1,123	56	1,179	40	723	39	0	0	0	0.00			
Ceiling Load	112	-112	0	0	98	5	0	-76	0	0.00			
Ventilation Load	0	0	0	0	0	0	0	0	0	0.00			
Adj Air Trans Heat	0	0	0	0	0	0	0	0	0	0			
Dehumid. Ov Sizing	0	0	0	0	0	0	0	0	0	0.00			
Ov/Undr Sizing	0	0	0	0	0	0	0	0	24	-1.33			
Exhaust Heat	0	-36	-36	-1	0	0	0	0	0	0.00			
Sup. Fan Heat	0	0	0	0	0	0	0	0	0	0.00			
Ret. Fan Heat	0	0	0	0	0	0	0	0	0	0.00			
Duct Heat Pkup	0	0	0	0	0	0	0	0	-381	20.88			
Underflr Sup Ht Pkup	0	0	0	0	0	0	0	0	65	-3.55			
Supply Air Leakage	0	0	0	0	0	0	0	0	0	0.00			
Grand Total ==>	2,675	280	2,955	100.00	1,850	100.00	0	-1,386	-1,823	100.00			

	Cooling	Heating
SADB	51.6	128.5
Ra Plenum	78.5	67.6
Return	78.5	67.6
Ret/OA	78.5	67.6
Fn MtrTD	0.0	0.0
Fn BldTD	0.0	0.0
Fn Frict	0.0	0.0

AIRFLOWS		
	Cooling	Heating
Diffuser	71	21
Terminal	71	21
Main Fan	71	21
Sec Fan	0	0
Nom Vent	0	0
AHU Vent	0	0
Infil	9	9
MinStop/Rh	21	21
Return	80	30
Exhaust	9	9
Rm Exh	0	0
Auxiliary	0	0
Leakage Dwn	0	0
Leakage Ups	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft²	0.69	0.21
cfm/ton	287.82	
ft²/ton	414.18	
Btu/hr-ft²	28.97	-17.87
No. People	2.0	19.6/1000 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	0.3	3.0	2.1	71	78.5	63.8	65.0	51.6	49.2	48.1	Floor	102		Main Htg	-1.8	21	51.6	128.5
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Part	0		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	10		Reheat	-0.4	21	51.6	70.0
											Roof	111	0	Humidif	0.0	0	0.0	0.0
											Wall	116	33	Opt Vent	0.0	0	0.0	0.0
Total	0.3	3.0									Ext Door	0	0	Total	-1.8			

Room Checksums

By RLF

117 BREAK ROOM

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES				
Peaked at Time: Mo/Hr: 7 / 17					Mo/Hr: 7 / 18			Mo/Hr: Heating Design				Cooling			Heating	
Outside Air: OADB/WB/HR: 87 / 78 / 132					OADB: 85			OADB: 38				SADB			51.6	112.2
												Ra Plenum			78.5	67.6
												Return			78.5	67.6
												Ret/OA			78.5	67.6
												Fn MtrTD			0.0	0.0
												Fn BldTD			0.0	0.0
												Fn Frict			0.0	0.0

AIRFLOWS		
	Cooling	Heating
Diffuser	192	57
Terminal	192	57
Main Fan	192	57
Sec Fan	0	0
Nom Vent	0	0
AHU Vent	0	0
Infil	17	17
MinStop/Rh	57	57
Return	208	74
Exhaust	17	17
Rm Exh	0	0
Auxiliary	0	0
Leakage Dwn	0	0
Leakage Ups	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft²	1.04	0.31
cfm/ton	289.72	
ft²/ton	279.80	
Btu/hr-ft²	42.89	-20.98
No. People	8.0	43.2/1000 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	7.9	5.6	191	78.5	63.8	65.0	51.6	49.3	48.7	Floor	185			Main Htg	-3.9	57	51.6	112.2
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Part	0			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	21			Reheat	-1.2	57	51.6	70.0
											Roof	200	0	0	Humidif	0.0	0	0.0	0.0
											Wall	229	33	14	Opt Vent	0.0	0	0.0	0.0
											Ext Door	21	0	0	Total	-3.9			
Total	0.7	7.9																	

Room Checksums

By RLF

118 S TLT

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK			TEMPERATURES				
Peaked at Time: Mo/Hr: 7 / 18					Mo/Hr: 7 / 18			Mo/Hr: Heating Design			Cooling			Heating	
Outside Air: OADB/WB/HR: 85 / 77 / 127					OADB: 85			OADB: 38			SADB			51.6	112.0
											Ra Plenum			78.0	67.6
											Return			78.0	67.6
											Ret/OA			78.0	67.6
											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	cfm	°F	°F	°F	°F			ft² (%)	MBh	MBh	cfm	°F	°F			
					gr/lb	gr/lb											
Main Clg	0.2	2.9	2.7	74	78.0	63.6	65.0	51.6	50.1	51.4	Floor	44	-1.5	22	51.6	112.0	
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Part	0	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	16	-0.5	22	51.6	70.0	
Total	0.2	2.9									Roof	128	0.0	0	0.0	0.0	
											Wall	187	0.0	0	0.0	0.0	
											Ext Door	0	0.0	0	0.0	0.0	
											Total	-1.5					

By RLF

119 CONF/CONSULT

COOLING COIL PEAK					CLG SPACE PEAK		HEATING COIL PEAK			TEMPERATURES				
Peaked at Time:		Mo/Hr: 8 / 17			Mo/Hr: 8 / 17		Mo/Hr: Heating Design			Cooling			Heating	
Outside Air:		OADB/WB/HR: 86 / 78 / 131			OADB: 86		OADB: 38			SADB			51.6	92.7
										Ra Plenum			78.4	67.6
										Return			78.4	67.6
										Ret/OA			78.4	67.6
										Fn MtrTD			0.0	0.0
										Fn BldTD			0.0	0.0
										Fn Frict			0.0	0.0
	Space	Plenum	Net	Percent	Space	Percent		Space Peak	Coil Peak	Percent				
	Sens. + Lat.	Sens. + Lat	Total	Of Total	Sensible	Of Total		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	Skylite Solar	0	0	0.00				
Skylite Cond	0	0	0	0	0	0	Skylite Cond	0	0	0.00				
Roof Cond	0	203	203	4	0	0	Roof Cond	0	-102	5.01				
Glass Solar	992	0	992	17	992	26	Glass Solar	0	0	0.00				
Glass/Door Cond	109	0	109	2	109	3	Glass/Door Cond	-295	-295	14.44				
Wall Cond	1,337	547	1,884	33	1,337	34	Wall Cond	-284	-394	19.27				
Partition/Door	0		0	0	0	0	Partition/Door	0	0	0.00				
Floor	0		0	0	0.00	0	Floor	-144	-144	7.05				
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00	Adjacent Floor	0.00	0.00	0.00				
Infiltration	536		536	9	113	3	Infiltration	-327	-327	16.03				
Sub Total ==>	2,975	751	3,725	65	2,551	66	Sub Total ==>	-1,050	-1,262	61.80				
Internal Loads					Internal Loads									
Lights	223	56	279	5	223	6	Lights	0	0	0.00				
People	1,800	0	1,800	31	1,000	26	People	0	0	0.00				
Misc	0	0	0	0	0	0	Misc	0	0	0.00				
Sub Total ==>	2,023	56	2,079	36	1,223	31	Sub Total ==>	0	0	0.00				
Ceiling Load					Ceiling Load									
Ventilation Load	0	-109	0	0	109	3	Ventilation Load	-76	0	0.00				
Adj Air Trans Heat	0	0	0	0	0	0	Adj Air Trans Heat	0	0	0.00				
Dehumid. Ov Sizing			0	0			Ov/Undr Sizing	0	0	0.00				
Ov/Undr Sizing	0		0	0	0	0	Exhaust Heat		24	-1.18				
Exhaust Heat		-34	-34	-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		-799	39.09				
Duct Heat Pkup		0	0	0			System Plenum Heat		-6	0.29				
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 ==>	5,106	663	5,769	100.00	3,883	100.00	Grand Total ==>	-1,126	-2,042	100.00				
											AIRFLOWS			
											Cooling	Heating		
Diffuser											149	45		
Terminal											149	45		
Main Fan											149	45		
Sec Fan											0	0		
Nom Vent											0	0		
AHU Vent											0	0		
Infil											9	9		
MinStop/Rh											45	45		
Return											158	54		
Exhaust											9	9		
Rm Exh											0	0		
Auxiliary											0	0		
Leakage Dwn											0	0		
Leakage Ups											0	0		
											ENGINEERING CKS			
											Cooling	Heating		
% OA											0.0	0.0		
cfm/ft²											1.46	0.44		
cfm/ton											309.34			
ft²/ton											212.15			
Btu/hr-ft²											56.56	-20.02		
No. People											4.0	39.2/1000 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	0.5	5.8	4.6	149	78.4	63.7	65.0	51.6	50.3	52.3	Floor	102		Main Htg	-2.0	45	51.6	92.7		
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Part	0		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	9		Reheat	-0.9	45	51.6	70.0		
Total	0.5	5.8									Roof	110	0	Humidif	0.0	0	0.0	0.0		
											Wall	108	16	Opt Vent	0.0	0	0.0	0.0		
											Ext Door	0	0	Total	-2.0					

By RLF

120 PROVIDER OFF

COOLING COIL PEAK					CLG SPACE PEAK		HEATING COIL PEAK			TEMPERATURES		
Peaked at Time:		Mo/Hr: 8 / 17			Mo/Hr: 8 / 17		Mo/Hr: Heating Design			Cooling		Heating
Outside Air:		OADB/WB/HR: 86 / 78 / 131			OADB: 86		OADB: 38			SADB	51.6	96.6
										Ra Plenum	78.4	67.6
										Return	78.4	67.6
										Ret/OA	78.4	67.6
										Fn MtrTD	0.0	0.0
										Fn BldTD	0.0	0.0
										Fn Frict	0.0	0.0
	Space	Plenum	Net	Percent	Space	Percent		Space Peak	Coil Peak	Percent		
	Sens. + Lat.	Sens. + Lat	Total	Of Total	Sensible	Of Total		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	Skylite Solar	0	0	0.00		
Skylite Cond	0	0	0	0	0	0	Skylite Cond	0	0	0.00		
Roof Cond	0	294	294	6	0	0	Roof Cond	0	-114	5.72		
Glass Solar	992	0	992	20	992	29	Glass Solar	0	0	0.00		
Glass/Door Cond	109	0	109	2	109	3	Glass/Door Cond	-295	-295	14.87		
Wall Cond	1,344	550	1,894	37	1,344	39	Wall Cond	-285	-396	19.95		
Partition/Door	0		0	0	0	0	Partition/Door	0	0	0.00		
Floor	0		0	0	0.00	0	Floor	-145	-145	7.29		
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00	Adjacent Floor	0.00	0.00	0.00		
Infiltration	594		594	12	125	4	Infiltration	-363	-363	18.29		
Sub Total ==>	3,040	843	3,883	77	2,571	75	Sub Total ==>	-1,087	-1,311	66.12		
Internal Loads					Internal Loads							
Lights	247	62	309	6	247	7	Lights	0	0	0.00		
People	900	0	900	18	500	15	People	0	0	0.00		
Misc	0	0	0	0	0	0	Misc	0	0	0.00		
Sub Total ==>	1,147	62	1,209	24	747	22	Sub Total ==>	0	0	0.00		
Ceiling Load					Ceiling Load							
Ventilation Load	0	-121	0	0	121	4	Ventilation Load	-85	0	0.00		
Adj Air Trans Heat	0	0	0	0	0	0	Adj Air Trans Heat	0	0	0.00		
Dehumid. Ov Sizing			0	0			Ov/Undr Sizing	0	0	0.00		
Ov/Undr Sizing	0		0	0	0	0	Exhaust Heat		27	-1.35		
Exhaust Heat		-38	-38	-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		-707	35.65		
Duct Heat Pkup		0	0	0			System Plenum Heat		8	-0.42		
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 ==>	4,307	746	5,054	100.00	3,438	100.00	Grand Total ==>	-1,172	-1,983	100.00		
										AIRFLOWS		
										Cooling	Heating	
Diffuser										132		40
Terminal										132		40
Main Fan										132		40
Sec Fan										0		0
Nom Vent										0		0
AHU Vent										0		0
Infil										10		10
MinStop/Rh										40		40
Return										142		50
Exhaust										10		10
Rm Exh										0		0
Auxiliary										0		0
Leakage Dwn										0		0
Leakage Ups										0		0
										ENGINEERING CKS		
										Cooling	Heating	
% OA										0.0		0.0
cfm/ft²										1.17		0.35
cfm/ton										312.70		
ft²/ton										268.31		
Btu/hr-ft²										44.72		-17.55
No. People										2.0		17.7/1000 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	0.4	5.1	4.2	132	78.4	63.7	65.0	51.6	50.5	52.9	Floor	113		Main Htg	-2.0	40	51.6	96.6	
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Part	0		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	9		Reheat	-0.8	40	51.6	70.0	
Total	0.4	5.1									Roof	122	0	Humidif	0.0	0	0.0	0.0	
											Wall	108	16	Opt Vent	0.0	0	0.0	0.0	
											Ext Door	0	0	Total	-2.0				

Room Checksums

By RLF

121 EXAM ROOM 10

COOLING COIL PEAK					CLG SPACE PEAK					HEATING COIL PEAK					TEMPERATURES		
Peaked at Time: Mo/Hr: 8 / 17					Mo/Hr: 8 / 17					Mo/Hr: Heating Design							
Outside Air: OADB/WB/HR: 86 / 78 / 131					OADB: 86					OADB: 38							
Space Sens. + Lat.	Plenum Sens. + Lat.	Net Total	Percent Of Total		Space Sensible	Percent Of Total				Space Peak	Coil Peak	Percent					
Btu/h	Btu/h	Btu/h	(%)		Btu/h	(%)				Space Sens	Tot Sens	Of Total					
Envelope Loads					Envelope Loads												
Skylite Solar	0	0	0	0	0	0	0	Skylite Solar	0	0	0	0.00			SADB	Cooling	Heating
Skylite Cond	0	0	0	0	0	0	0	Skylite Cond	0	0	0	0.00			Ra Plenum	78.4	67.6
Roof Cond	0	303	303	4	0	0	0	Roof Cond	0	-117	4.33				Return	78.4	67.6
Glass Solar	1,985	0	1,985	29	1,985	40	0	Glass Solar	0	0	0.00				Ret/OA	78.4	67.6
Glass/Door Cond	218	0	218	3	218	4	0	Glass/Door Cond	-590	-590	21.77				Fn MtrTD	0.0	0.0
Wall Cond	1,407	682	2,089	31	1,407	28	0	Wall Cond	-299	-435	16.07				Fn BldTD	0.0	0.0
Partition/Door	0	0	0	0	0	0	0	Partition/Door	0	0	0.00				Fn Frict	0.0	0.0
Floor	0	0	0	0	0.00	0	0	Floor	-179	-179	6.62						
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00	0	Adjacent Floor	0.00	0.00	0.00						
Infiltration	610	610	610	9	128	3	0	Infiltration	-372	-372	13.75						
Sub Total ==>	4,220	985	5,205	77	3,738	75	0	Sub Total ==>	-1,440	-1,694	62.53						
Internal Loads					Internal Loads												
Lights	253	63	317	5	253	5	0	Lights	0	0	0.00						
People	900	0	900	13	500	10	0	People	0	0	0.00						
Misc	396	0	396	6	396	8	0	Misc	0	0	0.00						
Sub Total ==>	1,549	63	1,613	24	1,149	23	0	Sub Total ==>	0	0	0.00						
Ceiling Load	124	-124	0	0	124	2	0	Ceiling Load	-87	0	0.00						
Ventilation Load	0	0	0	0	0	0	0	Ventilation Load	0	0	0.00						
Adj Air Trans Heat	0	0	0	0	0	0	0	Adj Air Trans Heat	0	0	0						
Dehumid. Ov Sizing			0	0			0	Ov/Undr Sizing	0	0	0.00						
Ov/Undr Sizing	0		0	0	0	0	0	Exhaust Heat		28	-1.02						
Exhaust Heat		-39	-39	-1			0	OA Preheat Diff.		0	0.00						
Sup. Fan Heat			0	0			0	RA Preheat Diff.		0	0.00						
Ret. Fan Heat		0	0	0			0	Additional Reheat		-1,031	38.04						
Duct Heat Pkup		0	0	0			0	System Plenum Heat		-12	0.45						
Underflr Sup Ht Pkup			0	0			0	Underflr Sup Ht Pkup		0	0.00						
Supply Air Leakage		0	0	0			0	Supply Air Leakage		0	0.00						
Grand Total ==>	5,893	885	6,779	100.00	5,011	100.00	0	Grand Total ==>	-1,527	-2,709	100.00						

AIRFLOWS		
	Cooling	Heating
Diffuser	192	58
Terminal	192	58
Main Fan	192	58
Sec Fan	0	0
Nom Vent	0	0
AHU Vent	0	0
Infil	10	10
MinStop/Rh	58	58
Return	202	68
Exhaust	10	10
Rm Exh	0	0
Auxiliary	0	0
Leakage Dwn	0	0
Leakage Ups	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft²	1.65	0.50
cfm/ton	339.83	
ft²/ton	205.35	
Btu/hr-ft²	58.44	-23.36
No. People	2.0	17.2/1000 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	0.6	6.8	5.9	192	78.4	63.7	65.0	51.6	51.5	56.7	Floor	116			Main Htg	-2.7	58	51.6	93.8
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Part	0			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	11			Reheat	-1.2	58	51.6	70.0
											Roof	126	0	0	Humidif	0.0	0	0.0	0.0
											Wall	135	33	25	Opt Vent	0.0	0	0.0	0.0
											Ext Door	0	0	0	Total	-2.7			
Total	0.6	6.8																	

Room Checksums

By RLF

122 EXAM ROOM 9

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES				
Peaked at Time: Mo/Hr: 8 / 17					Mo/Hr: 8 / 17			Mo/Hr: Heating Design				Cooling			Heating	
Outside Air: OADB/WB/HR: 86 / 78 / 131					OADB: 86			OADB: 38				SADB			51.6	93.8
												Ra Plenum			78.4	67.6
												Return			78.4	67.6
												Ret/OA			78.4	67.6
												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	cfm	°F	°F	°F	°F			ft² (%)	MBh	MBh	cfm	°F	°F			
Main Clg	0.5	6.5	5.7	185	78.4	63.7	65.0	51.6	51.5	56.7	Floor	116	-2.6	55	51.6	93.8	
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Part	0	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	10	-1.1	55	51.6	70.0	
											Roof	126	0.0	0	0.0	0.0	
											Wall	123	0.0	0	0.0	0.0	
											Ext Door	0	0.0	0	0.0	0.0	
Total	0.5	6.5									Total	-2.6					

Project Name: HealthFirst Medico

Dataset Name: 21184.TRC

TRACE® 700 v6.3.4 calculated at 05:19 PM on 04/11/2022

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Room Checksums

By RLF

123 EXAM ROOM 8

COOLING COIL PEAK					CLG SPACE PEAK					HEATING COIL PEAK					TEMPERATURES		
Peaked at Time: Mo/Hr: 8 / 17					Mo/Hr: 8 / 17					Mo/Hr: Heating Design							
Outside Air: OADB/WB/HR: 86 / 78 / 131					OADB: 86					OADB: 38							
Space Sens. + Lat.	Plenum Sens. + Lat.	Net Total	Percent Of Total		Space Sensible	Percent Of Total				Space Peak	Coil Peak	Percent					
Btu/h	Btu/h	Btu/h	(%)		Btu/h	(%)				Space Sens	Tot Sens	Of Total					
Envelope Loads					Envelope Loads												
Skylite Solar	0	0	0	0	0	0	0	Skylite Solar	0	0	0	0.00			SADB	Cooling	Heating
Skylite Cond	0	0	0	0	0	0	0	Skylite Cond	0	0	0	0.00			Ra Plenum	78.4	67.6
Roof Cond	0	303	303	5	0	0	0	Roof Cond	0	-117	5.32				Return	78.4	67.6
Glass Solar	992	0	992	17	992	24	0	Glass Solar	0	0	0.00				Ret/OA	78.4	67.6
Glass/Door Cond	109	0	109	2	109	3	0	Glass/Door Cond	-295	-295	13.37				Fn MtrTD	0.0	0.0
Wall Cond	1,557	619	2,176	38	1,557	38	0	Wall Cond	-330	-455	20.62				Fn BldTD	0.0	0.0
Partition/Door	0	0	0	0	0	0	0	Partition/Door	0	0	0.00				Fn Frict	0.0	0.0
Floor	0	0	0	0	0.00	0	0	Floor	-163	-163	7.39						
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00	0	Adjacent Floor	0.00	0.00	0.00						
Infiltration	610	610	610	11	128	3	0	Infiltration	-372	-372	16.89						
Sub Total ==>	3,269	922	4,191	73	2,787	69	0	Sub Total ==>	-1,160	-1,402	63.58						
Internal Loads					Internal Loads												
Lights	253	63	317	5	253	6	0	Lights	0	0	0.00						
People	900	0	900	16	500	12	0	People	0	0	0.00						
Misc	396	0	396	7	396	10	0	Misc	0	0	0.00						
Sub Total ==>	1,549	63	1,613	28	1,149	28	0	Sub Total ==>	0	0	0.00						
Ceiling Load	124	-124	0	0	124	3	0	Ceiling Load	-87	0	0.00						
Ventilation Load	0	0	0	0	0	0	0	Ventilation Load	0	0	0.00						
Adj Air Trans Heat	0	0	0	0	0	0	0	Adj Air Trans Heat	0	0	0						
Dehumid. Ov Sizing			0	0			0	Ov/Undr Sizing	0	0	0.00						
Ov/Undr Sizing	0		0	0	0	0	0	Exhaust Heat		28	-1.25						
Exhaust Heat		-39	-39	-1			0	OA Preheat Diff.		0	0.00						
Sup. Fan Heat			0	0			0	RA Preheat Diff.		0	0.00						
Ret. Fan Heat		0	0	0			0	Additional Reheat		-835	37.86						
Duct Heat Pkup		0	0	0			0	System Plenum Heat		4	-0.19						
Underflr Sup Ht Pkup			0	0			0	Underflr Sup Ht Pkup		0	0.00						
Supply Air Leakage		0	0	0			0	Supply Air Leakage		0	0.00						
Grand Total ==>	4,942	823	5,764	100.00	4,060	100.00	0	Grand Total ==>	-1,247	-2,205	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	0.5	5.8	4.9	156	78.4	63.7	65.0	51.6	51.0	54.8	Floor	116		Main Htg	-2.2	47	51.6	94.0
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Part	0		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	10		Reheat	-1.0	47	51.6	70.0
Total	0.5	5.8									Roof	126	0	Humidif	0.0	0	0.0	0.0
											Wall	122	16	Opt Vent	0.0	0	0.0	0.0
											Ext Door	0	0	Total	-2.2			

Project Name: HealthFirst Medico

Dataset Name: 21184.TRC

TRACE® 700 v6.3.4 calculated at 05:19 PM on 04/11/2022

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By RLF

COOLING COIL PEAK					CLG SPACE PEAK		HEATING COIL PEAK			TEMPERATURES		
Peaked at Time: Mo/Hr: 11 / 14 Outside Air: OADB/WB/HR: 75 / 63 / 69					Mo/Hr: 12 / 14 OADB: 69		Mo/Hr: Heating Design OADB: 38			Cooling Heating		
	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	SADB	51.6	100.0
	Btu/h	Btu/h	Btu/h	(%)	Btu/h	(%)	Btu/h	Btu/h	(%)	Ra Plenum	78.1	67.6
Envelope Loads							Envelope Loads			Return	78.1	67.6
Skylite Solar	0	0	0	0	0	0	Skylite Solar	0	0.00	Ret/OA	78.1	67.6
Skylite Cond	0	0	0	0	0	0	Skylite Cond	0	0.00	Fn MtrTD	0.0	0.0
Roof Cond	0	220	220	7	0	0	Roof Cond	0	-125 8.74	Fn BldTD	0.0	0.0
Glass Solar	901	0	901	30	994	43	Glass Solar	0	0 0.00	Fn Frict	0.0	0.0
Glass/Door Cond	-10	0	-10	0	-66	-3	Glass/Door Cond	-295	-295 20.68			
Wall Cond	1,353	555	1,907	63	1,358	59	Wall Cond	-283	-393 27.53			
Partition/Door	0		0	0	0	0	Partition/Door	0	0 0.00			
Floor	0		0	0	0.00	0	Floor	-144	-144 10.08			
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00	Adjacent Floor	0.00	0.00 0.00			
Infiltration	9		9	0	-24	-1	Infiltration	-132	-132 9.23			
Sub Total ==>	2,252	774	3,027	100	2,262	98	Sub Total ==>	-853	-1,087 76.26			
Internal Loads							Internal Loads			AIRFLOWS	Cooling	Heating
Lights	0	0	0	0	0	0	Lights	0	0 0.00	Diffuser	88	26
People	0	0	0	0	0	0	People	0	0 0.00	Terminal	88	26
Misc	0	0	0	0	0	0	Misc	0	0 0.00	Main Fan	88	26
Sub Total ==>	0	0	0	0	0	0	Sub Total ==>	0	0 0.00	Sec Fan	0	0
Ceiling Load	41	-41	0	0	37	2	Ceiling Load	-31	0 0.00	Nom Vent	0	0
Ventilation Load	0	0	0	0	0	0	Ventilation Load	0	0 0.00	AHU Vent	0	0
Adj Air Trans Heat	0		0	0	0	0	Adj Air Trans Heat	0	0 0	Infil	4	4
Dehumid. Ov Sizing			0	0			Ov/Undr Sizing	0	0 0.00	MinStop/Rh	26	26
Ov/Undr Sizing	0		0	0	0	0	Exhaust Heat	10	-0.68	Return	92	30
Exhaust Heat		-13	-13	0			OA Preheat Diff.	0	0 0.00	Exhaust	4	4
Sup. Fan Heat			0	0			RA Preheat Diff.	0	0 0.00	Rm Exh	0	0
Ret. Fan Heat		0	0	0			Additional Reheat	-473	33.15	Auxiliary	0	0
Duct Heat PkUp		0	0	0			System Plenum Heat	124	-8.72	Leakage Dwn	0	0
Underflr Sup Ht PkUp			0	0			Underflr Sup Ht PkUp	0	0 0.00	Leakage Ups	0	0
Supply Air Leakage		0	0	0			Supply Air Leakage	0	0 0.00			
Grand Total ==>	2,293	721	3,014	100.00	2,298	100.00	Grand Total ==>	-884	-1,426 100.00	ENGINEERING CKS	Cooling	Heating
										% OA	0.0	0.0
										cfm/ft²	2.15	0.64
										cfm/ton	350.50	
										ft³/ton	163.24	
										Btu/hr-ft²	73.51	-34.78
										No. People	0.0	0.0/1000 ft²

COOLING COIL SELECTION										
	Total Capacity		Sens Cap.	Coil Airflow	Enter DB/WB/HR			Leave DB/WB/HR		
	ton	MBh	MBh	cfm	°F	°F	gr/lb	°F	°F	gr/lb
Main Clg	0.3	3.0	3.0	87	78.1	63.6	65.0	51.6	51.5	56.7
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	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
Total	0.3	3.0								

AREAS			
Gross Total		Glass	
		ft²	(%)
Floor	41		
Part	0		
Int Door	0		
ExFlr	9		
Roof	134	0	0
Wall	108	16	15
Ext Door	0	0	0

HEATING COIL SELECTION				
	Capacity	Coil Airflow	Ent	Lvg
	MBh	cfm	°F	°F
Main Htg	-1.4	26	51.6	100.0
Aux Htg	0.0	0	0.0	0.0
Preheat	0.0	0	0.0	0.0
Reheat	-0.5	26	51.6	70.0
Humidif	0.0	0	0.0	0.0
Opt Vent	0.0	0	0.0	0.0
Total	-1.4			

Room Checksums

By RLF

125 TEAM STATION

COOLING COIL PEAK					CLG SPACE PEAK					HEATING COIL PEAK					TEMPERATURES		
Peaked at Time: Mo/Hr: 7 / 16					Mo/Hr: 7 / 15					Mo/Hr: Heating Design							
Outside Air: OADB/WB/HR: 88 / 78 / 133					OADB: 88					OADB: 38							
Space Sens. + Lat.	Plenum Sens. + Lat.	Net Total	Percent Of Total		Space Sensible	Percent Of Total				Space Peak	Coil Peak	Percent					
Btu/h	Btu/h	Btu/h	(%)		Btu/h	(%)				Space Sens	Tot Sens	Of Total					
Envelope Loads					Envelope Loads												
Skylite Solar	0	0	0	0	0	0	0	Skylite Solar	0	0	0	0.00			SADB	Cooling	Heating
Skylite Cond	0	0	0	0	0	0	0	Skylite Cond	0	0	0	0.00			Ra Plenum	78.8	67.6
Roof Cond	0	542	542	10	0	0	0	Roof Cond	0	-200	13.17				Return	78.8	67.6
Glass Solar	0	0	0	0	0	0	0	Glass Solar	0	0	0	0.00			Ret/OA	78.8	67.6
Glass/Door Cond	0	0	0	0	0	0	0	Glass/Door Cond	0	0	0	0.00			Fn MtrTD	0.0	0.0
Wall Cond	0	0	0	0	0	0	0	Wall Cond	0	0	0	0.00			Fn BldTD	0.0	0.0
Partition/Door	0	0	0	0	0	0	0	Partition/Door	0	0	0	0.00			Fn Frict	0.0	0.0
Floor	0	0	0	0	0.00	0	0	Floor	0	0	0	0.00					
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Adjacent Floor	0.00	0.00	0.00	0.00					
Infiltration	1,099		1,099	20	258	8		Infiltration	-636	-636	41.85						
Sub Total ==>	1,099	542	1,641	30	258	8		Sub Total ==>	-636	-836	55.02						
Internal Loads					Internal Loads												
Lights	433	108	541	10	433	14		Lights	0	0	0.00						
People	2,700	0	2,700	49	1,500	48		People	0	0	0.00						
Misc	676	0	676	12	676	22		Misc	0	0	0.00						
Sub Total ==>	3,808	108	3,916	71	2,608	84		Sub Total ==>	0	0	0.00						
Ceiling Load	237	-237	0	0	249	8		Ceiling Load	-148	0	0.00						
Ventilation Load	0	0	0	0	0	0		Ventilation Load	0	0	0.00						
Adj Air Trans Heat	0		0	0	0	0		Adj Air Trans Heat	0	0	0						
Dehumid. Ov Sizing			0	0				Ov/Undr Sizing	0	0	0.00						
Ov/Undr Sizing	0		0	0	0	0		Exhaust Heat		47	-3.09						
Exhaust Heat		-75	-75	-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		-641	42.17						
Duct Heat Pkup		0	0	0				System Plenum Heat		-90	5.90						
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 ==>	5,144	338	5,482	100.00	3,115	100.00		Grand Total ==>	-784	-1,519	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	0.5	5.5	3.4	119	78.8	63.9	65.0	51.6	47.6	42.4	Floor	198		Main Htg	-1.5	36	51.6	89.7
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Part	0		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	-0.7	36	51.6	70.0
Total	0.5	5.5									Roof	215	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	-1.5			

Room Checksums

By RLF

126 B TLT

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK			TEMPERATURES					
Peaked at Time: Mo/Hr: 7 / 16					Mo/Hr: 7 / 15			Mo/Hr: Heating Design			Cooling			Heating		
Outside Air: OADB/WB/HR: 88 / 78 / 133					OADB: 88			OADB: 38			SADB			51.6	135.2	
											Ra Plenum			78.8	67.6	
											Return			78.8	67.6	
											Ret/OA			78.8	67.6	
											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	0.2	1.9	1.0	35	78.8	63.9	65.0	51.6	44.6	32.4	Floor	198		Main Htg	-1.0	11	51.6	135.2
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Part	0		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	-0.2	11	51.6	70.0
Total	0.2	1.9									Roof	137	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	-1.0			

Project Name: HealthFirst Medico

Dataset Name: 21184.TRC

TRACE® 700 v6.3.4 calculated at 05:19 PM on 04/11/2022

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Room Checksums

By RLF

127 CLEAN STORAGE

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK			TEMPERATURES				
Peaked at Time: Mo/Hr: 7 / 16					Mo/Hr: 7 / 15			Mo/Hr: Heating Design			Cooling			Heating	
Outside Air: OADB/WB/HR: 88 / 78 / 133					OADB: 88			OADB: 38			SADB			51.6	135.2
											Ra Plenum			78.8	67.6
											Return			78.8	67.6
											Ret/OA			78.8	67.6
											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	°F	°F	gr/lb	°F	°F	gr/lb			ft²	(%)		MBh	cfm	°F	°F	
Main Clg	0.1	1.0	0.6	16	78.8	63.9	65.0	51.6	40.9	20.8	Floor	92		Main Htg	-0.5	5	51.6	135.2
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Part	0		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	-0.1	5	51.6	70.0
Total	0.1	1.0									Roof	100	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	-0.5			

Project Name: HealthFirst Medico

Dataset Name: 21184.TRC

TRACE® 700 v6.3.4 calculated at 05:19 PM on 04/11/2022

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Room Checksums

By RLF

128 COMM

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK			TEMPERATURES				
Peaked at Time: Mo/Hr: 7 / 15					Mo/Hr: 7 / 15			Mo/Hr: Heating Design			Cooling			Heating	
Outside Air: OADB/WB/HR: 88 / 78 / 129					OADB: 88			OADB: 38			SADB			51.6	72.2
											Ra Plenum			79.0	67.6
											Return			79.0	67.6
											Ret/OA			79.0	67.6
											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	1.1	13.1	12.7	476	79.0	63.9	65.0	51.6	51.5	56.7	Floor	90		Main Htg	-3.3	143	51.6	72.2	
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Part	0		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	-2.9	143	51.6	70.0	
Total	1.1	13.1									Roof	139	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	-3.3			

Room Checksums

By RLF

129 CORR CENTRAL

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK			TEMPERATURES		
Peaked at Time: Mo/Hr: 7 / 16					Mo/Hr: 7 / 15			Mo/Hr: Heating Design					
Outside Air: OADB/WB/HR: 88 / 78 / 133					OADB: 88			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	51.6	166.2
Skylite Cond	0	0	0	0	0	0	0	0	0	0.00	Ra Plenum	78.8	67.6
Roof Cond	0	309	309	24	0	0	0	0	-126	14.48	Return	78.8	67.6
Glass Solar	0	0	0	0	0	0	0	0	0	0.00	Ret/OA	78.8	67.6
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	0	0	0	0	0	0	0	0	0	0.00	Fn Frict	0.0	0.0
Floor	0	0	0	0	0.00	0	0	-235	-235	27.06			
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
Infiltration	691	691	691	53	162	27	162	-400	-400	46.10			
Sub Total ==>	691	309	1,001	77	162	27	162	-635	-760	87.65			
Internal Loads					Internal Loads								
Lights	272	68	340	26	272	46	272	0	0	0.00			
People	0	0	0	0	0	0	0	0	0	0.00			
Misc	0	0	0	0	0	0	0	0	0	0.00			
Sub Total ==>	272	68	340	26	272	46	272	0	0	0.00			
Ceiling Load	149	-149	0	0	156	26	156	-93	0	0.00			
Ventilation Load	0	0	0	0	0	0	0	0	0	0.00			
Adj Air Trans Heat	0	0	0	0	0	0	0	0	0	0			
Dehumid. Ov Sizing	0	0	0	0	0	0	0	0	0	0.00			
Ov/Undr Sizing	0	0	0	0	0	0	0	0	30	-3.41			
Exhaust Heat	0	-47	-47	-4	0	0	0	0	0	0.00			
Sup. Fan Heat	0	0	0	0	0	0	0	0	0	0.00			
Ret. Fan Heat	0	0	0	0	0	0	0	0	0	0.00			
Duct Heat Pkup	0	0	0	0	0	0	0	-122	-122	14.01			
Underflr Sup Ht Pkup	0	0	0	0	0	0	0	-15	-15	1.75			
Supply Air Leakage	0	0	0	0	0	0	0	0	0	0.00			
Grand Total ==>	1,112	181	1,294	100.00	591	100.00	591	-728	-867	100.00			

AIRFLOWS		
	Cooling	Heating
Diffuser	23	7
Terminal	23	7
Main Fan	23	7
Sec Fan	0	0
Nom Vent	0	0
AHU Vent	0	0
Infil	11	11
MinStop/Rh	7	7
Return	34	18
Exhaust	11	11
Rm Exh	0	0
Auxiliary	0	0
Leakage Dwn	0	0
Leakage Ups	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft²	0.18	0.05
cfm/ton	209.98	
ft²/ton	1,155.44	
Btu/hr-ft²	10.39	-6.96
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	0.1	1.3	0.8	22	78.8	63.9	65.0	51.6	42.3	25.3	Floor	125		Main Htg	-0.9	7	51.6	166.2
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Part	0		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	-0.1	7	51.6	70.0
Total	0.1	1.3									Roof	135	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	-0.9			

By RLF

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK			TEMPERATURES		
Peaked at Time:		Mo/Hr: 7 / 15			Mo/Hr: 7 / 15		Mo/Hr: Heating Design				Cooling		Heating
Outside Air:		OADB/WB/HR: 88 / 78 / 129			OADB: 88		OADB: 38				SADB	51.6	177.9
											Ra Plenum	79.0	67.6
											Return	79.0	67.6
											Ret/OA	79.0	67.6
											Fn MtrTD	0.0	0.0
											Fn BldTD	0.0	0.0
											Fn Frict	0.0	0.0
											AIRFLOWS		
											Cooling	Heating	
											Diffuser	35	11
											Terminal	35	11
											Main Fan	35	11
											Sec Fan	0	0
											Nom Vent	0	0
											AHU Vent	0	0
											Infil	7	7
											MinStop/Rh	11	11
											Return	42	17
											Exhaust	7	7
											Rm Exh	0	0
											Auxiliary	0	0
											Leakage Dwn	0	0
											Leakage Ups	0	0
											ENGINEERING CKS		
											Cooling	Heating	
											% OA	0.0	0.0
											cfm/ft²	0.46	0.14
											cfm/ton	282.42	
											ft³/ton	615.81	
											Btu/hr-ft²	19.49	-19.37
											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
Main Clg	0.1	1.5	1.2	35	79.0	63.9	65.0	51.6	49.1	48.0	Floor	77		Main Htg	-1.5	11	51.6	177.9		
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Part	0		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		
Total	0.1	1.5									ExFlr	15		Reheat	-0.2	11	51.6	70.0		
											Roof	83	0	0	Humidif	0.0	0	0.0	0.0	
											Wall	89	0	0	Opt Vent	0.0	0	0.0	0.0	
											Ext Door	21	0	0	Total	-1.5				

Room Checksums

By RLF

129 CORR SOUTH

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK				TEMPERATURES		
Peaked at Time:		Mo/Hr: 9 / 14			Mo/Hr: 10 / 14		Mo/Hr: Heating Design				Cooling		Heating	
Outside Air:		OADB/WB/HR: 86 / 76 / 120			OADB: 82		OADB: 38				SADB		51.6	122.5
											Ra Plenum		78.8	67.6
											Return		78.8	67.6
											Ret/OA		78.8	67.6
											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	°F	°F	gr/lb	°F	°F	gr/lb			ft²	(%)		MBh	cfm	°F	°F	
Main Clg	0.2	2.6	2.1	57	78.8	63.9	65.0	51.6	47.9	43.6				Main Htg	-1.4	18	51.6	122.5
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0				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				Preheat	0.0	0	0.0	0.0
Total	0.2	2.6												Reheat	-0.4	18	51.6	70.0
														Humidif	0.0	0	0.0	0.0
														Opt Vent	0.0	0	0.0	0.0
														Total	-1.4			

Room Checksums

By RLF

130 CORR

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK			TEMPERATURES		
Peaked at Time: Mo/Hr: 7 / 16					Mo/Hr: 7 / 15			Mo/Hr: Heating Design					
Outside Air: OADB/WB/HR: 88 / 78 / 133					OADB: 88			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	51.6	135.2
Skylite Cond	0	0	0	0	0	0	0	0	0	0.00	Ra Plenum	78.8	67.6
Roof Cond	0	246	246	24	0	0	0	0	-100	19.80	Return	78.8	67.6
Glass Solar	0	0	0	0	0	0	0	0	0	0.00	Ret/OA	78.8	67.6
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	0	0	0	0	0	0	0	0	0	0.00	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	549		549	53	129	27	129	-318	-318	63.21			
Sub Total ==>	549	246	796	77	129	27	129	-318	-417	83.01			
Internal Loads					Internal Loads								
Lights	216	54	270	26	216	46	216	0	0	0.00			
People	0	0	0	0	0	0	0	0	0	0.00			
Misc	0	0	0	0	0	0	0	0	0	0.00			
Sub Total ==>	216	54	270	26	216	46	216	0	0	0.00			
Ceiling Load	119	-119	0	0	124	26	124	-74	0	0.00			
Ventilation Load	0	0	0	0	0	0	0	0	0	0.00			
Adj Air Trans Heat	0		0	0	0	0	0	0	0	0			
Dehumid. Ov Sizing			0	0				0	0	0.00			
Ov/Undr Sizing	0		0	0	0	0	0	0	23	-4.67			
Exhaust Heat		-38	-38	-4				0	0	0.00			
Sup. Fan Heat			0	0				0	0	0.00			
Ret. Fan Heat		0	0	0				-97	19.21				
Duct Heat Pkup		0	0	0				-12	2.45				
Underflr Sup Ht Pkup			0	0				0	0	0.00			
Supply Air Leakage		0	0	0				0	0	0.00			
Grand Total ==>	884	144	1,028	100.00	470	100.00	470	-392	-503	100.00			

AIRFLOWS		
	Cooling	Heating
Diffuser	18	5
Terminal	18	5
Main Fan	18	5
Sec Fan	0	0
Nom Vent	0	0
AHU Vent	0	0
Infil	9	9
MinStop/Rh	5	5
Return	27	14
Exhaust	9	9
Rm Exh	0	0
Auxiliary	0	0
Leakage Dwn	0	0
Leakage Ups	0	0

ENGINEERING CKS		
	Cooling	Heating
% OA	0.0	0.0
cfm/ft²	0.18	0.05
cfm/ton	209.93	
ft²/ton	1,155.17	
Btu/hr-ft²	10.39	-5.08
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	0.1	1.0	0.6	18	78.8	63.9	65.0	51.6	42.3	25.2	Floor	99			Main Htg	-0.5	5	51.6	135.2
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Part	0			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	-0.1	5	51.6	70.0
Total	0.1	1.0									Roof	107	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	-0.5			

Room Checksums

By RLF

131 CORR

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK			TEMPERATURES		
Peaked at Time: Mo/Hr: 7 / 16					Mo/Hr: 7 / 15			Mo/Hr: Heating Design					
Outside Air: OADB/WB/HR: 88 / 78 / 133					OADB: 88			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	51.6	135.2
Skylite Cond	0	0	0	0	0	0	0	0	0	0.00	Ra Plenum	78.8	67.6
Roof Cond	0	556	556	24	0	0	0	0	-226	19.88	Return	78.8	67.6
Glass Solar	0	0	0	0	0	0	0	0	0	0.00	Ret/OA	78.8	67.6
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	0	0	0	0	0	0	0	0	0	0.00	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	1,243		1,243	53	292	27	292	-719	-719	63.21			
Sub Total ==>	1,243	556	1,799	77	292	27	292	-719	-945	83.08			
Internal Loads					Internal Loads								
Lights	489	122	612	26	489	46	489	0	0	0.00			
People	0	0	0	0	0	0	0	0	0	0.00			
Misc	0	0	0	0	0	0	0	0	0	0.00			
Sub Total ==>	489	122	612	26	489	46	489	0	0	0.00			
Ceiling Load	268	-268	0	0	281	26	281	-168	0	0.00			
Ventilation Load	0	0	0	0	0	0	0	0	0	0.00			
Adj Air Trans Heat	0		0	0	0	0	0	0	0	0			
Dehumid. Ov Sizing			0	0				0	0	0.00			
Ov/Undr Sizing	0		0	0	0	0	0	0	53	-4.67			
Exhaust Heat		-85	-85	-4				0	0	0.00			
Sup. Fan Heat			0	0				0	0	0.00			
Ret. Fan Heat		0	0	0				-219	19.21				
Duct Heat Pkup		0	0	0				-27	2.38				
Underflr Sup Ht Pkup			0	0				0	0	0.00			
Supply Air Leakage		0	0	0				0	0	0.00			
Grand Total ==>	2,001	325	2,326	100.00	1,063	100.00	1,063	-887	-1,138	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	0.2	2.3	1.4	40	78.8	63.9	65.0	51.6	42.3	25.3	Floor	224		Main Htg	-1.1	12	51.6	135.2
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Part	0		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	-0.3	12	51.6	70.0
Total	0.2	2.3									Roof	243	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	-1.1			

Room Checksums

By RLF

132 CORR NORTH

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK			TEMPERATURES		
Peaked at Time: Mo/Hr: 7 / 16					Mo/Hr: 7 / 15			Mo/Hr: Heating Design					
Outside Air: OADB/WB/HR: 88 / 78 / 133					OADB: 88			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	51.6	147.9
Skylite Cond	0	0	0	0	0	0	0	0	0	0.00	Ra Plenum	78.8	67.6
Roof Cond	0	331	331	27	0	0	0	0	-114	17.24	Return	78.8	67.6
Glass Solar	0	0	0	0	0	0	0	0	0	0.00	Ret/OA	78.8	67.6
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	0	0	0	0	0	0	0	0	0	0.00	Fn Frict	0.0	0.0
Floor	0	0	0	0	0.00	0	0	-88	-88	13.26			
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
Infiltration	629	629	629	51	148	27	148	-364	-364	54.83			
Sub Total ==>	629	331	960	78	148	27	148	-452	-566	85.33			
Internal Loads					Internal Loads								
Lights	248	62	310	25	248	46	248	0	0	0.00			
People	0	0	0	0	0	0	0	0	0	0.00			
Misc	0	0	0	0	0	0	0	0	0	0.00			
Sub Total ==>	248	62	310	25	248	46	248	0	0	0.00			
Ceiling Load	136	-136	0	0	142	26	142	-85	0	0.00			
Ventilation Load	0	0	0	0	0	0	0	0	0	0.00			
Adj Air Trans Heat	0	0	0	0	0	0	0	0	0	0			
Dehumid. Ov Sizing	0	0	0	0	0	0	0	0	0	0.00			
Ov/Undr Sizing	0	0	0	0	0	0	0	0	27	-4.05			
Exhaust Heat	0	-43	-43	-4	0	0	0	0	0	0.00			
Sup. Fan Heat	0	0	0	0	0	0	0	0	0	0.00			
Ret. Fan Heat	0	0	0	0	0	0	0	0	0	0.00			
Duct Heat Pkup	0	0	0	0	0	0	0	0	-111	16.66			
Underflr Sup Ht Pkup	0	0	0	0	0	0	0	0	-14	2.06			
Supply Air Leakage	0	0	0	0	0	0	0	0	0	0.00			
Grand Total ==>	1,012	214	1,227	100.00	538	100.00	538	-537	-664	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	cfm	°F	°F	°F	°F			ft² (%)	MBh	MBh	cfm	°F	°F				
Main Clg	0.1	1.2	0.7	20	78.8	63.9	65.0	51.6	41.2	21.8	Floor	113	-0.7	6	51.6	147.9		
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Part	0	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	6	-0.1	6	51.6	70.0		
											Roof	123	0.0	0	0.0	0.0		
											Wall	0	0.0	0	0.0	0.0		
											Ext Door	0	0.0	0	0.0	0.0		
Total	0.1	1.2											Total	-0.7				

Room Checksums

By RLF

132 CORR SOUTH

COOLING COIL PEAK					CLG SPACE PEAK			HEATING COIL PEAK			TEMPERATURES		
Peaked at Time: Mo/Hr: 9 / 15					Mo/Hr: 11 / 15			Mo/Hr: Heating Design					
Outside Air: OADB/WB/HR: 86 / 77 / 124					OADB: 75			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	51.6	113.1
Skylite Cond	0	0	0	0	0	0	0	0	0	0.00	Ra Plenum	78.7	67.6
Roof Cond	0	472	472	15	0	0	0	0	-167	9.86	Return	78.7	67.6
Glass Solar	598	0	598	19	952	44	0	0	0	0.00	Ret/OA	78.7	67.6
Glass/Door Cond	104	0	104	3	2	0	0	-295	-295	17.46	Fn MtrTD	0.0	0.0
Wall Cond	512	247	759	24	660	31	0	-145	-212	12.57	Fn BldTD	0.0	0.0
Partition/Door	0	0	0	0	0	0	0	0	0	0.00	Fn Frict	0.0	0.0
Floor	0	0	0	0	0.00	0	0	-88	-88	5.21			
Adjacent Floor	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00			
Infiltration	796	796	796	26	7	0	0	-531	-531	31.47			
Sub Total ==>	2,009	719	2,728	87	1,621	76	0	-1,059	-1,293	76.56			
Internal Loads					Internal Loads								
Lights	362	90	452	14	362	17	0	0	0	0.00	AIRFLOWS		
People	0	0	0	0	0	0	0	0	0	0.00		Cooling	Heating
Misc	0	0	0	0	0	0	0	0	0	0.00	Diffuser	82	25
Sub Total ==>	362	90	452	14	362	17	0	0	0	0.00	Terminal	82	25
											Main Fan	82	25
Ceiling Load	196	-196	0	0	160	7	Ceiling Load	-124	0	0.00	Sec Fan	0	0
Ventilation Load	0	0	0	0	0	0	Ventilation Load	0	0	0.00	Nom Vent	0	0
Adj Air Trans Heat	0	0	0	0	0	0	Adj Air Trans Heat	0	0	0	AHU Vent	0	0
Dehumid. Ov Sizing			0	0			Ov/Undr Sizing	0	0	0.00	Infil	15	15
Ov/Undr Sizing	0		0	0	0	0	Exhaust Heat		39	-2.33	MinStop/Rh	25	25
Exhaust Heat		-62	-62	-2			OA Preheat Diff.		0	0.00	Return	97	40
Sup. Fan Heat			0	0			RA Preheat Diff.		0	0.00	Exhaust	15	15
Ret. Fan Heat			0	0			Additional Reheat		-441	26.09	Rm Exh	0	0
Duct Heat Pkup			0	0			System Plenum Heat		6	-0.33	Auxiliary	0	0
Underflr Sup Ht Pkup			0	0			Underflr Sup Ht Pkup		0	0.00	Leakage Dwn	0	0
Supply Air Leakage			0	0			Supply Air Leakage		0	0.00	Leakage Ups	0	0
Grand Total ==>	2,567	551	3,118	100.00	2,143	100.00	Grand Total ==>	-1,184	-1,689	100.00	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	2.5	75	78.7	63.9	65.0	51.6	49.4	48.8	Floor	166	Main Htg	-1.7	25	51.6	113.1
Aux Clg	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	Part	0	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	6	Reheat	-0.5	25	51.6	70.0
Total	0.3	3.1									Roof	179	Humidif	0.0	0	0.0	0.0
											Wall	66	Opt Vent	0.0	0	0.0	0.0
											Ext Door	0	Total	-1.7			

Project Name: HealthFirst Medico

Dataset Name: 21184.TRC

TRACE® 700 v6.3.4 calculated at 05:19 PM on 04/11/2022

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