Mechanical DX Systems Retrofits

City of Port St Lucie, FL
Replace Existing Packaged DX Split Systems and Rootop Units and Install Programmable T-Stats

Number of DX Units Replaced	10
Total Tonnage Replaced	208
Number of Units Programmable T-Stats Installed	43

	Existing kWh	Proposed kWh	kWh Savings	Cost Savings
DX Replacements	1,415,698	943,798	4,657	$ 512
76 degree setpoint adjust			48,677	$ 5,354
Programmable T-Stats			116,554	$ 12,821

City of Port St Lucie, FL
Replace Existing Packaged DX Split Systems and Rootop Units (excluding modeled buildings)

Cooling Efficiencies (EER)
New Systems 15 **BB**

Existing Equipment
Output (Btuh) 36,000 **AA**
Efficiency (EER) 10.0 **CC**

Electric Rate $ 0.11 per kWh (Excludes Demand Charges)

	Annual kWh	Annual Cost
Existing Systems	13,971	$ 1,536.78
Proposed Systems	9,314	$ 1,024.52
Savings	4,657	**$ 512.26**

		Annual Hours		Cooling Load (% of A/C Output)			Annual Energy Consumption (kWh)		
OA Temp		Occupied Hours	Unoccupied Hours	Occupied	Unoccupied	Annual Cooling Load (MBH)	Existing	Proposed	Savings
	A	**B**	**C**	**D**	**E**	**F**	**G**	**H**	**I**
Mid-pts	DB (F)					**=(B*D+C*E)* AA/ [1,000 Btuh/ MBH]**	**=F/ CC**	**=F/ BB**	**=G-H**
93	92 to 94	2	0	100%	70%	72	7	5	2
91	90 to 92	48	11	95%	65%	1,899	190	127	63
89	88 to 90	155	69	90%	65%	6,637	664	442	221
87	86 to 88	240	89	85%	60%	9,266	927	618	309
85	84 to 86	258	189	80%	60%	11,513	1,151	768	384
83	82 to 84	286	295	75%	55%	13,563	1,356	904	452
81	80 to 82	308	479	70%	50%	16,384	1,638	1,092	546
79	78 to 80	326	551	65%	50%	17,546	1,755	1,170	585
77	76 to 78	229	455	60%	45%	12,317	1,232	821	411
75	74 to 76	252	771	55%	40%	16,092	1,609	1,073	536
73	72 to 74	253	859	50%	40%	16,924	1,692	1,128	564
71	70 to 72	133	498	40%	35%	8,190	819	546	273
69	68 to 70	88	386	35%	30%	5,278	528	352	176
67	66 to 68	67	375	30%	25%	4,099	410	273	137
	Total	2643	5027				13,971	9,314	**4,657**

Assumptions:
Air Conditioners Run 24/7
Occupied hours are 8AM- 6PM Monday- Friday
It is assumed that 30% of cooling load comes form occupants and plug loads that are shut off when un-occupied.

City of Port St Lucie, FL
Install Programmable Thermostats for all Packaged DX Systems

Cooling Efficiency	13.0	EER	Air Leakage	18,568	CFM
Heating Efficiency	80%		*calculated on 'data sheet'*		

Cooling Setback Savings

Bin Weather OA Temp	Mean Coincident Wet Bulb Temp (F)	Enthalpy "h" (BTU/lb)	Total Hrs	Indoor Temp (F) Existing	Indoor Temp (F) Proposed	Delta T (F) Existing	Delta T (F) Proposed	UA (BTU/ hr/ F)	Conduction (envelope) Heat Gain (MBH) Existing	Conduction (envelope) Heat Gain (MBH) Proposed	Delta h (BTU/lb) Existing	Delta h (BTU/lb) Proposed	Convection (air leakage) Heat Gain (MBH) Existing	Convection (air leakage) Heat Gain (MBH) Proposed	Total Heat Gain (MBH) Existing	Total Heat Gain (MBH) Proposed	Savings (MBH)	Savings (kWh)
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
						=A - E	=A - F	*From Data Sheet Calculations*	=I* D* G /1,000	=I* H* D /1,000	=C- 27.5 (BTU/lb)	=C- 31.2 (BTU/lb)	=4.5* Leakage CFM *L * D /1,000	=4.5* Leakage CFM *M * D /1,000	= N +J	= O + K	=P - Q	= R / EER
91	77.3	40.6	11	74	80	17.0	11.0	13753	2,572	1,664	13.1	9.4	12,040	8,640	14,612	10,304	4,308	331
89	77	40.3	69	74	80	15.0	9.0	13753	14,234	8,540	12.8	9.1	73,797	52,465	88,031	61,005	27,026	2,079
87	76.9	40.3	89	74	80	13.0	7.0	13753	15,912	8,568	12.8	9.1	95,187	67,672	111,099	76,240	34,859	2,681
85	75.8	39.2	189	74	80	11.0	5.0	13753	28,592	12,996	11.7	8.0	184,768	126,337	213,360	139,333	74,026	5,694
83	75.6	39	295	74	80	9.0	3.0	13753	36,513	12,171	11.5	7.8	283,464	192,263	319,978	204,434	115,544	8,888
81	74.9	38.4	479	74	80	7.0	1.0	13753	46,113	6,588	10.9	7.2	436,255	288,169	482,368	294,756	187,612	14,432
79	73.3	36.9	551	74	80	5.0	-	13753	37,889	0	9.4	5.7	432,771	262,425	470,660	262,425	208,235	16,018
77	72.5	36.1	455	74	80	3.0	-	13753	18,772	0	8.6	4.9	326,955	186,289	345,728	186,289	159,439	12,265
75	71	34.9	771	74	80	1.0	-	13753	10,603	0	7.4	3.7	476,722	238,361	487,325	238,361	248,964	19,151
73	68.5	32.7	859	74	80	-	-	13753	0	0	5.2	1.5	373,229	107,662	373,229	107,662	265,567	20,428
71	65.6	30.5	498	74	80	-	-	13753	0	0	3.0	(0.7)	124,833	-29,128	124,833	-29,128	153,961	11,843
69	63.5	28.8	386	74	80	-	-	13753	0	0	1.3	-	41,929	0	41,929	0	41,929	3,225
67	61.3	27.3	375	74	80	-	-	13753	0	0	(0.2)	-	-6,267	0	-6,267	0	-6,267	-482
			5027															**116,554**

Savings	Electrical (kWh)	MMBtu	Cost Savings
Heating	0	0	$ -
Cooling	116,554	0	$ 12,821
Fan	0	0	$ -
Total	**116,554**	0	**$ 12,821**

Assumptions:
Heating is used at all temperatures below 65F balance point.
Cooling is used at all temperatures above 65F.
Building is occupied from 6AM to 9PM Monday- Friday; 8AM - 1PM Saturday
Bin hours allow for 2 hour warmup.
Motor run hours assume that fan will run 10% of time to satisfy night stat.
Split systems handles all envelope heating and cooling loads.
Air handler handles outdoor air ventilation heating and cooling load.

City of Port St Lucie, FL
Install Programmable Thermostats for all Packaged DX Systems

Cooling Efficiency	13.0	EER	Air Leakage	13,384	CFM
Heating Efficiency	80%		*calculated on 'data sheet'*		

Cooling Setpoint Adjust Savings (Adjusting from 74 to 76 during occupied hours)

Bin Weather OA Temp	Mean Coincident Wet Bulb Temp (F)	Enthalpy "h" (BTU/lb)	Total Hrs	Indoor Temp (F) Existing	Indoor Temp (F) Proposed	Delta T (F) Existing	Delta T (F) Proposed	UA (BTU/ hr/ F)	Conduction (envelope) Heat Gain (MBH) Existing	Conduction (envelope) Heat Gain (MBH) Proposed	Delta h (BTU/lb) Existing	Delta h (BTU/lb) Proposed	Convection (air leakage) Heat Gain (MBH) Existing	Convection (air leakage) Heat Gain (MBH) Proposed	Total Heat Gain (MBH) Existing	Total Heat Gain (MBH) Proposed	Savings (MBH)	Savings (kWh)
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
						=A - E	=A - F	*From Data Sheet Calculations*	=I* D* G /1,000	=I* H* D /1,000	=C- 27.5 (BTU/lb)	=C- 31.2 (BTU/lb)	=4.5* Leakage CFM *L * D /1,000	=4.5* Leakage CFM *M * D /1,000	= N +J	= O + K	=P - Q	= R / EER
93	75.8	39.1	2	74	76	19.0	17.0	13753	523	468	11.6	7.9	1,397	952	1,920	1,419	501	39
91	77.9	41.3	48	74	76	17.0	15.0	13753	11,222	9,902	13.8	10.1	39,895	29,198	51,117	39,100	12,017	924
89	77.7	41.1	155	74	76	15.0	13.0	13753	31,975	27,712	13.6	9.9	126,960	92,419	158,935	120,131	38,804	2,985
87	77.2	40.6	240	74	76	13.0	11.0	13753	42,908	36,307	13.1	9.4	189,356	135,874	232,264	172,181	60,083	4,622
85	75.6	39	258	74	76	11.0	9.0	13753	39,030	31,934	11.5	7.8	178,695	121,202	217,726	153,136	64,590	4,968
83	74.3	37.8	286	74	76	9.0	7.0	13753	35,399	27,533	10.3	6.6	177,419	113,686	212,818	141,219	71,599	5,508
81	72.6	36.2	308	74	76	7.0	5.0	13753	29,651	21,179	8.7	5.0	161,386	92,751	191,037	113,930	77,107	5,931
79	70.9	34.7	326	74	76	5.0	-	13753	22,417	0	7.2	3.5	141,366	68,720	163,783	68,720	95,063	7,313
77	68.5	32.7	229	74	76	3.0	-	13753	9,448	0	5.2	1.5	71,719	20,688	81,167	20,688	60,479	4,652
75	67.9	32.3	252	74	76	1.0	-	13753	3,466	0	4.8	1.1	72,851	16,695	76,317	16,695	59,622	4,586
73	65.6	30.4	253	74	76	-	-	13753	0	0	2.9	(0.8)	44,189	-12,190	44,189	-12,190	56,379	4,337
71	63.4	28.8	133	74	76	-	-	13753	0	0	1.3	(2.4)	10,413	-19,225	10,413	-19,225	29,638	2,280
69	63.6	28.9	88	74	76	-	-	13753	0	0	1.4	-	7,420	0	7,420	0	7,420	571
			2576															**48,677**

Savings	Electrical (kWh)	MMBtu	Cost Savings
Heating	0	0	$ -
Cooling	48,677	0	$ 5,354
Fan	0	0	$ -
Total	**48,677**	0	**$ 5,354**

Assumptions:
Heating is used at all temperatures below 65F balance point.
Cooling is used at all temperatures above 65F.
Building is occupied from 6AM to 9PM Monday- Friday; 8AM - 1PM Saturday
Bin hours allow for 2 hour warmup.
Motor run hours assume that fan will run 10% of time to satisfy night stat.
Split systems handles all envelope heating and cooling loads.
Air handler handles outdoor air ventilation heating and cooling load.

							Occupied	Unoccupied	Total Tons	Number of Units	Existing EER	Proposed EER	# Included	Floor Area
1	Police Evidence Bldg.	SW PSL BLVD (Corner Airoso & PSL 121 Bvd)	CBS	1	9540	2009	71	76					4	9,540
6	Public Works	450 Thornhill Drive	Steel-NC	1	4,400	1987							1	4,400
6	Public Works	450 Thornhill Drive	Steel-NC	1	14,400	1998							1	14,400
6	Public Works	450 Thornhill Drive	Frame	1	1104	2006							1	1,104
12	Pkg & Bldg Maint Yard	1901 SW Hampshire Lane	Steel		14,937	2000							1	14,937
14	Whispering Pines Park	900 SW Darein Blvd	Masonry	1	18,485	1993-2006	74 (5am - 10pm)	77	50.0	4.0		15.0	4	18,485
18	Community Center	S. E. Airoso Blvd. At 2195 Deacon Ave.	Masonry	1	31,345	1998	72 (M-Sat 5am - 11pm)	80	140.0	2.0		15.0	6	31,345
24	Neighborhood Services	1118 S. W. Biltmore St.	Masonry	1	1327	1980							1	1,327
24	Neighborhood Services	1133 SW. Macedo Blvd	Masonry	1	2,515	2004							1	2,515
24	Neighborhood Services	1118 S. W. Biltmore St.	Frame	1	1,200	1971							1	1,200
25	Engineering Traffic Ops	1165 S. W.Macedo	Masonry NC	1	1,350	2001							1	1,350
25	Engineering Traffic Ops	1165 S. W.Macedo	Masonry NC	1	1,350	2001							1	1,350
26	Saints Golf Course	Morningside Blvd. (Municipal Golf 2601 Course)	Steel	1	23,679	1980-2007	74 (7am - 8pm)	77					6	23,679
30	City Center	1654 SE Walton Rd	Masonry NC	1	14,000	1991							1	14,000
33	Pal Building	2101 SE Tiffany Avenue	Masonry	1	5540	2002	Office: 72 (5am - 5pm), Gym: 76	80	15.0	3.0		15.0	3	5,540
34	Parks & Recreation	2226 SE Belvedere Street	CBS/Frame	1	1,847	1982			3.0	1.0		15.0	1	1,847
37	BLDG DEPT used as Clinic	2266 Best St	Masonry	1	1,628	2003							1	1,628
38	Buiding Const Office	2258 SE Bevedere Street	Frame	1	1320	1979							1	1,320
39	Engineering	821 SW Dwyer Ave	Masonry	1	1548	1977							1	1,548
52	PD Station East	SE Village Green 2000 Drive	Frame/Stucco	1	4,872	1985							4	4,872
57	Botanical Garden	SE Westmoreland 2410 Blvd	CBS	1	7464	2010	74	77					1	7,464
57	Botanical Garden	SE Westmoreland 2410 Blvd	CBS	1	2,430	2010	74	77					1	2,430
Totals									**3.0**	**10.0**			**43**	**166,281**

Area for 76 setpoint 119,856

Note: Only non modelled buildings total tons included in this calc.

Total Tonnage replaced both modeled and hand calc 208.0

City of Port St Lucie, FL
Buildings with Packaged DX Systems

				Areas (sq ft)			U Values			Conduction Load	Convection Load (leakage)			
	Floor Area	Gross Wall Area (sq ft)	Window Glass % of Walls	Walls (sq ft)	Windows (sq ft)	Roof (sq ft)	Walls	Windows	Roof	UA (BTU/ hr°F)	Floor Area (sq ft)	Floor Heights (ft)	Leakage Rate (ACH)	Leakage Amount (CFM)
	A	B	C	D	E	F	G	H	I	J	K	L	M	N
										= I*F + H*E + G*D			*Based on "semi-tight" construction*	=M*K*L*/ [60 min/ hr]
All Buildings	166,281	19,573	20%	15,659	3,915	166,281	0.08	0.45	0.050	11,280	166,281	10	0.67	18,568
Buildings for 76 degree setpoint	119,856	16,618	120%	-3,324	19,941	119,856	0.08	0.45	0.050	14,711	119,856	10	0.67	13,384

Assumptions:
Leakage Rate (ACH) from Manual N Table 5C for Sea Level Air Change Values for Multi Level Construction with Nuetral Space Pressure

Conventional Binning :
Units: I-P 12844 WEST PALN 26 41 W 80 6 19.686 ft
Date: Dec # hrs: 8760

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Sun		Mon		Tue		Wed		Thu	Fri		Sat
1		1		1		1		1	1	1	1
2		2		2		2		2	2	2	2
3		3		3		3		3	3	3	3
4		4		4		4		4	4	4	4
5		5		5		5		5	5	5	5
6		6		6		6		6	6	6	6
7		7		7		7		7	7	7	7
8		8		8		8		8	8	8	8
9		9		9		9		9	9	9	9
10		10		10		10		10	10	10	10
11		11		11		11		11	11	11	11
12		12		12		12		12	12	12	12
13		13		13		13		13	13	13	13
14		14		14		14		14	14	14	14
15		15		15		15		15	15	15	15
16		16		16		16		16	16	16	16
17		17		17		17		17	17	17	17
18		18		18		18		18	18	18	18
19		19		19		19		19	19	19	19
20		20		20		20		20	20	20	20
21		21		21		21		21	21	21	21
22		22		22		22		22	22	22	22
23		23		23		23		23	23	23	23
24		24		24		24		24	24	24	24

		Total					January					February					March					April				
Mid-pts	DB (F)	Hrs	HR(gr/lb)	WB (F)	h (BTU/lb)	WS (mph)	Hrs	HR(gr/lb)	WB (F)	h (BTU/lb)	WS (mph)	Hrs	HR(gr/lb)	WB (F)	h (BTU/lb)	WS (mph)	Hrs	HR(gr/lb)	WB (F)	h (BTU/lb)	WS (mph)	Hrs	HR(gr/lb)	WB (F)	h (BTU/lb)	WS (mph)
93	92 to 94	2	106.6	75.8	39.1	14.5																				
91	90 to 92	59	122.8	77.8	41.2	12.3																				
89	88 to 90	224	123.9	77.5	40.8	11.4																8	83.5	70.7	34.5	13.8
87	86 to 88	329	124.8	77.1	40.5	10.6											1	107.2	74.3	37.7	16.1	10	83.3	70.1	34	10.5
85	84 to 86	447	119.2	75.7	39.1	10.7	6	98.9	72.3	35.9	11.3						14	85	69.8	33.7	14	33	99.3	72.4	36	11.7
83	82 to 84	581	117.9	75	38.4	10.3	1	103.5	72.5	36.2	14.3	2	121.5	75.5	39	26.5	22	91	70.3	34.2	12.6	37	97.9	71.6	35.3	12.2
81	80 to 82	787	115.7	74	37.6	10.1	3	101	71.5	35.3	11.6	17	104.3	72.1	35.8	17	28	86.5	68.9	33	13.4	35	93.9	70.3	34.2	10.7
79	78 to 80	877	109.6	72.5	36.1	10	22	99.8	68.9	33	14.5	39	100.6	70.9	34.7	16	55	87.3	68.4	32.6	13.9	47	87.8	68.5	32.7	11.5
77	76 to 78	684	105.5	71.2	35	9.3	35	79.2	66.2	30.9	12.1	10	95.1	69.3	33.4	14.9	59	86.2	68	32.3	12.3	60	86.4	67.6	32	11.6
75	74 to 76	1023	103.7	70.3	34.2	9.3	48	85.1	66.8	31.3	12.3	51	83.9	66.5	31.1	15.2	58	81.3	66	30.7	12.5	88	86.5	67	31.5	11.1
73	72 to 74	1112	93.9	67.8	32.2	10.6	79	87.1	66.5	31.1	11.2	113	88.8	66.8	31.4	12.9	101	77.9	64.7	29.7	12.4	120	86.3	66.7	31.3	10.4
71	70 to 72	631	83.7	65.2	30.1	10.4	93	79.3	64.3	29.4	11.2	65	75.7	63.5	28.9	11.9	91	81.3	64.7	29.7	10.7	114	83.6	65.2	30.1	10.9
69	68 to 70	474	78.8	63.5	28.9	9.6	51	78.3	63.4	28.8	9.9	88	70.6	61.7	27.6	12.8	78	74.3	62.5	28.1	10.5	55	77.7	63.3	28.7	9.1
67	66 to 68	442	71.9	61.3	27.3	9.8	83	74	61.8	27.6	10.4	64	69.3	60.7	26.9	10.4	88	66.1	60	26.4	11.3	53	78	62.6	28.2	6.1
65	64 to 66	272	68.7	59.9	26.3	7.8	61	67.9	59.7	26.2	8.6	42	62.9	58.5	25.4	8.7	59	70.9	60.4	26.6	6.4	23	71.6	60.5	26.8	5.7
63	62 to 64	169	65.5	58.4	25.3	7.9	39	61.9	57.5	24.7	8.6	30	67.5	58.8	25.6	9.9	29	72.7	60	26.4	3.6	14	61.6	57.5	24.7	5.9
61	60 to 62	136	62.9	57	24.4	6.4	41	64	57.3	24.6	6.9	20	60.7	56.5	24.1	5.1	24	65.5	57.6	24.8	3.9	13	67.8	58.2	25.2	2.8
59	58 to 60	70	57.2	54.8	23	7.3	29	61	55.7	23.6	6.5	10	51.5	53.3	22.2	8.3	17	60.6	55.7	23.6	5.6	4	48.5	52.5	21.7	8.8
57	56 to 58	82	48	51.6	21.1	9.1	28	49.2	51.9	21.3	8.4	11	38.7	49	19.7	11	12	58.8	54.4	22.8	3.9	2	42.9	50.2	20.3	8.4
55	54 to 56	110	45.8	50.1	20.3	7.6	33	47.7	50.6	20.6	6.3	19	40.5	48.6	19.5	7.2	7	56.3	52.9	21.9	2.8	4	40.7	48.7	19.5	8.2
53	52 to 54	47	38.5	47.1	18.7	9.8	13	39.3	47.3	18.8	10.2	11	33.5	45.6	17.9	8.2	1	54.1	51.5	21.1	3.4					
51	50 to 52	57	35.4	45.2	17.7	10.1	19	38.2	46.1	18.2	7	12	34.4	44.9	17.6	9.7										
49	48 to 50	40	34.7	44	17.1	9.9	10	36.8	44.7	17.5	9.2	9	29.7	42.5	16.4	12.1										
47	46 to 48	18	31.2	41.9	16.1	10.6	7	31.6	42.1	16.2	11.2	8	28.4	41.3	15.8	11.1										
45	44 to 46	28	31.4	41	15.6	10.2	11	35.5	42.3	16.3	7.9	13	28.9	40.1	15.3	11.4										
43	42 to 44	24	28.5	38.9	14.7	9.6	7	28.2	38.8	14.7	11.2	17	28.6	39	14.7	8.9										
41	40 to 42	10	26.5	37.2	13.9	7.3	7	27.9	37.6	14.1	7.7	3	23.1	36	13.4	6.4										
39	38 to 40	12	26.7	36.1	13.5	6.5	6	29.9	37.3	14	5.1	6	23.6	35	13	7.9										
37	36 to 38	10	24.5	34.2	12.6	7.6	7	25.2	34.4	12.8	8.6	3	22.9	33.6	12.4	5.2										
35	34 to 36	2	24.3	33	12.1	8.1	2	24.3	33	12.1	8.1															
33	32 to 34	1	23.3	31.4	11.5	5.8	1	23.3	31.4	11.5	5.8															
31	30 to 32																									
29	28 to 30																									

May					June					July					August					September					October	
Hrs	HR(gr/lb)	WB (F)	h (BTU/lb)	WS (mph)	Hrs	HR(gr/lb)	WB (F)	h (BTU/lb)	WS (mph)	Hrs	HR(gr/lb)	WB (F)	h (BTU/lb)	WS (mph)	Hrs	HR(gr/lb)	WB (F)	h (BTU/lb)	WS (mph)	Hrs	HR(gr/lb)	WB (F)	h (BTU/lb)	WS (mph)	Hrs	HR(gr/lb)
					2	106.6	75.6	39.1	14.4																	
1	102.4	74.6	38	11.6	19	119.3	77.3	40.6	11.4	9	127.9	78.6	42	11.4	26	125.2	78.2	41.5	13.5	4	117.5	77	40.3	10.4		
1	122.7	77.3	40.6	13.9	23	121.2	77	40.4	9.6	91	126.6	77.9	41.3	10.8	82	125.3	77.7	41.1	12.7	12	129.7	78.4	41.7	11	7	118.8
15	114.5	75.5	38.9	10.4	52	121.5	76.8	40	10	77	129.4	77.8	41.2	10.7	72	125.3	77.2	40.6	11.3	76	132.3	78.2	41.7	10.3	26	116.4
26	113.2	74.7	38.2	12.1	80	117.9	75.5	38.9	11	80	130.3	77.4	40.8	10	73	123.2	76.3	39.7	10.6	72	131.6	77.6	41.1	10.4	54	111.8
48	107.5	73.2	36.8	14.2	78	121	75.5	38.9	11	90	129	76.7	40.2	9	128	124.7	76.1	39.5	9	77	126.8	76.4	39.8	8.4	55	112.8
80	96	70.6	34.5	15.1	90	120.9	74.9	38.4	10.2	97	128.7	76.2	39.6	8.5	143	126.4	75.8	39.3	7.5	142	126.4	75.8	39.3	8	64	111.1
83	94.6	69.8	33.8	14.3	156	121.3	74.4	37.9	9	86	127.8	75.5	38.9	8.8	91	122.8	74.7	38.2	5.3	77	123.8	74.8	38.3	5.3	104	104.6
77	99.6	70.1	34.1	12.8	56	120.8	73.8	37.4	7.7	64	126.2	74.7	38.2	6.2	65	122.1	74	37.6	3.3	74	122.1	74	37.6	3.8	76	101.8
128	94.1	68.5	32.7	13	106	122.7	73.6	37.2	6.4	112	123	73.6	37.2	5.5	59	118.9	72.9	36.6	2.6	138	118	72.8	36.4	3.8	89	103.7
171	92.8	67.6	32	11.9	54	117.1	72.1	35.8	5.2	38	119.5	72.5	36.2	4.6	5	116.3	71.9	35.7	2.4	45	112	71.2	35	2.8	139	104.4
70	92.6	66.9	31.5	8.5	4	108.7	70	34	4.3											3	109.9	70.2	34.2	3.3	58	94.7
33	92.2	66.2	30.9	6.6																					31	91.5
10	77.1	62.5	28.1	6.7																					17	80.7
1	62.3	58.4	25.3	5.8																					9	74.7
																									11	72.2
																									5	68.2

November						December							
WB (F)	h (BTU/lb)	WS (mph)	Hrs	HR(gr/lb)	WB (F)	h (BTU/lb)	WS (mph)	Hrs	HR(gr/lb)	WB (F)	h (BTU/lb)	WS (mph)	
76.7	40	8.6											
75.8	39.2	9.9											
74.5	37.9	9.8	6	103.1	73	36.6	10.3	1	85.8	69.9	33.8	12.8	
74.1	37.6	9.2	37	103.7	72.6	36.2	11.2	6	96.1	71.2	35	15	
73.3	36.8	8.4	68	104	72.1	35.7	12.4	20	96.8	71.1	34.9	14.9	
71.6	35.3	9.5	73	103.1	71.3	35.1	10.8	44	100.6	70.9	34.7	15.3	
70.5	34.4	9	80	102.4	70.6	34.5	11.7	20	95.3	69.3	33.4	14.2	
70.3	34.2	9.2	75	97.2	69.1	33.2	12.4	71	95.6	68.8	32.9	14.9	
69.8	33.8	9.7	96	92.8	67.6	32	8.8	151	88.2	66.7	31.3	13.7	
67.4	31.8	8.4	63	84.4	65.3	30.2	8.8	70	78.9	64.2	29.3	12.7	
66.1	30.8	4.6	67	84.5	64.7	29.7	7.1	71	78.2	63.4	28.7	10.5	
63.2	28.7	7.5	40	76.7	62.3	28	7.9	87	69.5	60.8	26.9	11	
61.2	27.2	5.3	43	78.8	62.1	27.9	6.1	34	57.1	57.1	24.5	12.1	
59.9	26.4	6.8	19	65.3	58.3	25.3	9.2	27	60	57.1	24.5	9.9	
57.8	24.8	7.5	10	55.1	55.1	23.2	12.5	23	60	56.3	24	8.7	
			4	43	51.1	20.8	12.6	6	53.4	53.8	22.5	9.1	
			10	38.1	48.8	19.6	12.9	19	50.5	52.2	21.5	10.3	
			13	33.5	46.6	18.4	11.7	34	50.1	51.3	21	8.6	
			7	36.2	46.4	18.3	11.1	15	41.5	48	19.1	10.5	
			2	36.7	45.6	17.9	5.3	24	33.6	44.7	17.4	13.2	
			5	36.5	44.6	17.4	4.6	16	35.6	44.3	17.3	10.8	
			2	40.1	44.7	17.5	3.6	1	25.5	40	15.2	16.1	
								4	28.3	39.9	15.2	12.4	

Conventional Binning :
Units: I-P 12844 WEST PALM 26 41 W 80 6 19.686 ft
Date: Dec # hrs: 5900

Jan Sun	Feb Mon	Mar	Apr Tue	May	Jun Wed	Jul	Aug Thu	Sep	Oct Fri	Nov	Dec Sat
1	1		1		1		1		1		1
2	2		2		2		2		2		2
3	3		3		3		3		3		3
4	4		4		4		4		4		4
5	5		5		5		5		5		5
6	6		6		6		6		6		6
7											7
8											8
9											9
10											10
11											11
12											12
13											13
14											14
15											15
16											16
17											17
18	18		18		18		18		18		18
19	19		19		19		19		19		19
20	20		20		20		20		20		20
21	21		21		21		21		21		21
22	22		22		22		22		22		22
23	23		23		23		23		23		23
24	24		24		24		24		24		24

		Total					January					February					March					April				
Mid-pts	DB (F)	Hrs	HR(gr/lb)	WB (F)	h (BTU/lb)	WS (mph)	Hrs	HR(gr/lb)	WB (F)	h (BTU/lb)	WS (mph)	Hrs	HR(gr/lb)	WB (F)	h (BTU/lb)	WS (mph)	Hrs	HR(gr/lb)	WB (F)	h (BTU/lb)	WS (mph)	Hrs	HR(gr/lb)	WB (F)	h (BTU/lb)	WS (mph)
91	90 to 92	11	119.5	77.3	40.6	12.6																				
89	88 to 90	69	120.6	77	40.3	12.1																4	68.5	67.9	32.1	15.5
87	86 to 88	89	123.4	78.9	40.3	10.6																2	67.7	70.9	34.7	12.2
85	84 to 86	189	119.9	75.8	39.2	10.8											6	79.1	68.7	32.8	15.6	17	103.6	73.1	36.7	11.9
83	82 to 84	295	121.8	75.6	39	9.6											3	78.4	68	32.2	13.9	12	100.7	72	35.7	12.2
81	80 to 82	479	121.1	74.9	38.4	8.8						4	102	71.7	35.4	13.8	7	79	67.5	31.8	12.7	16	99.2	71.2	35	11.4
79	78 to 80	551	114.8	73.3	36.9	8.6	8	93.1	69.5	33.5	14.9	10	100.8	70.9	34.7	13.6	15	92.3	69.4	33.4	11.1	18	100.7	70.9	34.7	10.3
77	76 to 78	455	112.9	72.5	36.1	7.6	8	83.1	67	31.5	12.7	4	96.8	69.6	33.6	14.5	27	100.2	70.2	34.2	10.7	29	95.8	69.4	33.5	10
75	74 to 76	771	107.8	71	34.9	8.3	21	85.9	66.9	31.4	13.5	29	81.3	66	30.7	15.1	19	87.4	67.2	31.7	10.3	57	92.6	68.2	32.5	9.4
73	72 to 74	859	97.4	68.5	32.7	9.9	52	91.3	67.3	31.8	11.6	80	93.4	67.7	32.1	12	69	91	65.3	30.2	11.6	101	89.7	67	31.5	10.3
71	70 to 72	498	85.9	65.6	30.5	10	66	82.3	64.9	29.9	11.2	44	80.3	64.5	29.6	10.3	77	82.7	65	29.9	9.8	96	84	65.2	30.2	11.1
69	68 to 70	386	78.7	63.5	28.8	9.5	33	77.6	63.2	28.7	9.4	72	70.7	61.8	27.8	12.4	63	74.1	62.5	28.1	10.3	48	77.4	63.2	28.6	9.6
67	66 to 68	375	72.1	61.3	27.3	9.8	67	74.9	62	27.8	10.3	50	72.8	61.5	27.4	9.5	78	66	60	26.4	11.5	46	78.1	62.7	28.3	6.4
65	64 to 66	225	70.1	60.2	26.5	7.4	46	69.7	60.1	26.4	8.4	37	64.8	59	25.7	8.1	49	70.3	60.2	26.5	6.4	22	71.2	60.4	26.7	5.7
63	62 to 64	131	67.6	58.9	25.6	7.2	28	67.2	58.8	25.6	7.3	23	67.2	58.8	25.6	9	27	72.9	60.1	26.5	3.4	12	62.4	57.7	24.8	5.5
61	60 to 62	109	63.8	57.2	24.6	8.3	33	65.3	57.6	24.8	6.2	15	63.1	57	24.4	4.5	19	65.4	57.6	24.8	4	11	67.7	58.1	25.2	2.8
59	58 to 60	62	58.4	55.1	23.2	7	25	63.3	56.3	24	6.3	7	55.2	54.3	22.7	7.1	16	60.2	55.6	23.5	5.6	4	48.5	52.5	21.7	8.8
57	56 to 58	65	50.5	52.2	21.5	8.6	24	51.2	52.4	21.6	8.3	5	53.1	52.9	21.9	7.2	10	58.1	54.2	22.7	3.8	1	41.8	49.9	20.2	8.7
55	54 to 56	90	48.5	50.3	20.4	7.5	26	47.5	50.6	20.6	6.8	12	48.1	50.7	20.7	4	6	56.5	53	22	2.5	4	40.7	48.7	19.5	8.2
53	52 to 54	36	38.4	47.4	18.8	9.7	9	39.5	47.4	18.8	9.4	7	40.7	47.7	19	6.8										
51	50 to 52	44	35.5	45.3	17.7	9.5	14	38.5	46.2	18.2	5.1	7	37.7	45.9	18.1	7.8										
49	48 to 50	30	36.1	44.5	17.3	8.5	7	40.6	45.8	18	5.9	6	31.2	42.9	16.6	10.2										
47	46 to 48	13	31.5	42	16.2	9.2	4	35	43.1	16.7	7.2	7	29.3	41.3	15.8	10.2										
45	44 to 46	20	31.5	41	15.7	9.3	8	35.8	42.4	16.3	6.8	8	28.9	40.1	15.3	10.3										
43	42 to 44	20	28.7	39	14.7	8.6	5	28.8	39.1	14.8	8.6	15	28.7	39	14.7	8.6										
41	40 to 42	8	26.6	37.2	13.9	5.8	5	28.6	37.9	14.3	5.5	3	23.1	36	13.4	6.4										
39	38 to 40	10	26.5	36	13.4	6.2	5	29.5	37.1	13.9	5.1	5	23.5	35	13	7.2										
37	36 to 38	8	24.7	34.3	12.7	7.8	6	25.2	34.5	12.8	8.6	2	23	33.7	12.4	5.5										
35	34 to 36	2	24.3	33	12.1	8.1	2	24.3	33	12.1	8.1															
33	32 to 34																									
31	30 to 32																									
29	28 to 30																									

May					June					July					August					September					October	
Hrs	HR(gr/lb)	WB (F)	h (BTU/lb)	WS (mph)	Hrs	HR(gr/lb)	WB (F)	h (BTU/lb)	WS (mph)	Hrs	HR(gr/lb)	WB (F)	h (BTU/lb)	WS (mph)	Hrs	HR(gr/lb)	WB (F)	h (BTU/lb)	WS (mph)	Hrs	HR(gr/lb)	WB (F)	h (BTU/lb)	WS (mph)	Hrs	HR(gr/lb)
					3	111.2	76	39.3	12.8	5	119.7	77.3	40.7	10.6	3	127.3	78.5	41.9	15.9							
					9	112.4	75.7	39	9.9	41	126.5	77.9	41.3	11.7	14	124.3	77.5	40.9	13.4	1	110	75.3	38.7	13.9		
2	110.8	74.9	38.3	10.4	22	115.4	75.6	39	10	22	126.4	77.6	41	10.9	24	126.8	77.4	40.8	10.4	15	128.5	77.7	41.1	10.9	2	124.1
8	116.6	75.3	38.7	12	39	112.6	74.6	38.1	9.8	36	130.1	77.4	40.8	9.8	42	123	76.3	39.7	10.9	29	132.2	77.7	41.1	10.9	12	118
17	109.3	73.5	37.1	13.8	29	116.8	74.8	38.2	9.5	60	128.2	76.6	40	8.8	99	124.7	76	39.5	8.6	44	126.5	76.3	39.8	9.4	27	118.5
25	103.3	71.9	35.6	14.9	52	119.9	74.7	38.2	8.8	87	128.4	76.1	39.6	8.3	117	126.6	75.8	39.3	7.4	108	125.9	75.7	39.2	8.1	43	114.7
43	97.1	70.3	34.2	14.2	122	120	74.2	37.7	8.6	65	127.2	75.4	38.9	6.3	73	122.6	74.6	38.2	5.6	62	123.5	74.8	38.3	5.4	77	108.2
48	101.2	70.4	34.3	12.6	52	120.4	73.7	37.3	7.7	56	126.3	74.7	38.2	5.8	59	122.2	74	37.6	2.7	66	122	74	37.6	3.8	51	110.4
100	92.4	68.2	32.4	13.2	93	122.7	73.6	37.2	5.9	105	123	73.6	37.2	5.1	55	118.7	72.9	36.5	2.5	123	117.8	72.7	36.4	3.7	70	106.9
145	91.8	67.4	31.9	11.8	53	117	72	35.8	5	36	120	72.6	36.3	4.1	5	116.3	71.9	35.7	2.4	38	112.1	71.2	35	2.5	115	106.6
64	92.8	67	31.5	8.1	4	108.7	70	34	4.3											3	109.9	70.2	34.2	3.3	45	97.1
29	92.2	66.2	30.9	6.6																					25	91.3
9	75.4	62.1	27.8	5.9																					13	80.2
1	62.3	58.4	25.3	5.8																					9	74.7
																									9	72.2
																									4	66.1

November						December							
WB (F)	h (BTU/lb)	WS (mph)	Hrs	HR(gr/lb)	WB (F)	h (BTU/lb)	WS (mph)	Hrs	HR(gr/lb)	WB (F)	h (BTU/lb)	WS (mph)	
77	40.4	12.8											
75.5	38.9	10.9											
75	38.5	9.9	4	114.2	74.3	37.8	15.5						
73.9	37.4	7.9	19	105.9	72.4	36	11.7	1	106.1	72.4	36.1	13.9	
72.2	35.9	8.3	38	109.7	72.5	36.1	9.1	20	105.3	71.7	35.5	15.7	
72	35.7	7.6	48	104.6	71	34.8	10.8	7	102.8	70.7	34.6	12.8	
70.8	34.7	8.8	64	98.2	69.3	33.4	12.4	35	105.6	70.6	34.5	14.6	
70.2	34.2	8.1	60	99.4	68.9	33	7.7	105	94	67.9	32.2	13.1	
67.8	32.2	8.2	51	85.9	65.6	30.4	8.5	48	81.9	64.8	29.8	13	
66	30.8	4.7	57	84.4	64.7	29.7	7.4	59	77.5	63.2	28.6	10.3	
63.1	28.6	7.2	37	75.9	62.2	27.9	8	75	68.1	60.5	26.7	11.4	
61.2	27.2	5.3	38	78.6	62.1	27.8	6.5	23	62.8	58.5	25.4	10.9	
59.9	26.3	6.6	14	64.9	58.2	25.2	9.8	18	63.9	58	25.1	9.6	
57.8	24.9	7.7	9	54.8	55	23.2	13.3	18	61.4	56.6	24.2	8.6	
			4	43	51.1	20.8	12.6	6	53.4	53.8	22.5	9.1	
			9	37.7	48.7	19.5	13	16	51.5	52.5	21.7	9.9	
			12	32.3	46.2	18.2	12.1	30	49.5	51.1	20.9	8.5	
			6	36.1	46.4	18.3	11	14	40.2	47.6	18.9	10.8	
			2	36.7	45.8	17.9	5.3	21	32.6	44.4	17.3	13.4	
			5	36.5	44.6	17.4	4.8	12	35.7	44.3	17.3	10.8	
			1	39.5	44.5	17.4	3.6	1	25.5	40	15.2	16.1	
								4	28.3	39.9	15.2	12.4	

Conventional Binning :
Units: I-P 12844 WEST PALN 26 41 W 80 6 19.686 ft
Date: Dec # hrs: 2860

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Sun		Mon		Tue		Wed		Thu	Fri		Sat

7	7	7	7	7
8	8	8	8	8
9	9	9	9	9
10	10	10	10	10
11	11	11	11	11
12	12	12	12	12
13	13	13	13	13
14	14	14	14	14
15	15	15	15	15
16	16	16	16	16
17	17	17	17	17

Mid-pts	DB (F)	Total Hrs	HR(gr/lb)	WB (F)	h (BTU/lb)	WS (mph)	January Hrs	HR(gr/lb)	WB (F)	h (BTU/lb)	WS (mph)	February Hrs	HR(gr/lb)	WB (F)	h (BTU/lb)	WS (mph)	March Hrs	HR(gr/lb)	WB (F)	h (BTU/lb)	WS (mph)	April Hrs	HR(gr/lb)	WB (F)	h (BTU/lb)	WS (mph)
93	92 to 94	2	106.6	75.8	39.1	14.5																				
91	90 to 92	48	123.6	77.9	41.3	12.2																				
89	88 to 90	155	125.3	77.7	41.1	11.1																4	88.5	73.4	36.8	12.1
87	86 to 88	240	125.3	77.2	40.6	10.5											1	107.2	74.3	37.7	16.1	8	82.1	69.9	33.8	10.1
85	84 to 86	258	118.6	75.6	39	10.7	8	98.9	72.3	35.9	11.3						8	89.4	70.6	34.4	12.8	16	94.7	71.6	35.3	11.4
83	82 to 84	286	113.9	74.3	37.8	11	1	103.5	72.5	36.2	14.3	2	121.5	75.5	39	26.5	19	93	70.7	34.5	12.4	25	86.6	71.3	35.1	12.2
81	80 to 82	308	107.2	72.6	36.2	12.1	3	101	71.5	35.3	11.6	13	105	72.2	35.9	17.9	21	89	69.4	33.4	13.6	19	89.5	69.5	33.5	10.2
79	78 to 80	326	100.8	70.9	34.7	12.4	14	88	68.6	32.7	14.3	29	100.5	70.9	34.7	16.8	40	85.5	68.1	32.3	15	29	79.8	67	31.5	12.3
77	76 to 78	229	91	68.5	32.7	12.6	27	78.1	66	30.7	11.9	15	94.7	69.2	33.3	15	32	78	66	30.7	13.7	31	77.6	65.9	30.6	13.1
75	74 to 76	252	91.2	67.9	32.3	12.5	27	84.5	66.8	31.2	11.4	22	87.3	67.2	31.6	15.3	39	78.3	65.4	30.2	13.6	31	75.2	64.8	29.8	14.3
73	72 to 74	253	82.4	65.6	30.4	12.7	27	78.9	64.9	29.8	10.3	33	77.6	64.6	29.6	15.3	32	71.3	63.3	28.7	14.3	19	80.8	65.2	30.1	11
71	70 to 72	133	75.3	63.4	28.8	12	27	72	62.7	28.3	11.1	21	66.1	61.4	27.4	15.3	14	73.8	63.1	28.6	15.7	18	81.4	64.7	29.7	10.3
69	68 to 70	88	79.4	63.6	28.9	9.9	18	79.7	63.7	29	10.8	16	70.2	61.6	27.5	14.4	15	74.8	62.6	28.2	11	7	79.5	63.6	29	5.8
67	66 to 68	67	71	61.1	27.1	9.8	16	70.1	60.9	27	10.8	14	57.7	58.1	25.1	13.9	10	67.2	60.3	26.6	9.5	7	77.1	62.5	28.1	3.9
65	64 to 66	47	61.8	58.3	25.2	9.7	15	62.5	58.4	25.3	9.2	5	48.8	55.1	23.2	13.6	10	74.3	61.1	27.2	6.4	1	80.4	62.5	28.1	5.8
63	62 to 64	38	58.1	56.6	24.2	10.5	11	48.3	54.2	22.6	12.1	7	68.2	59	25.7	12.9	2	69.9	59.4	26	6.3	2	56.2	56.2	23.9	8.1
61	60 to 62	27	58.3	56.1	23.9	7	8	58.7	56	23.8	9.7	5	53.7	54.7	23	6.7	5	65.8	57.7	24.9	3.5	2	68.4	58.3	25.3	1.7
59	58 to 60	8	47.7	52.3	21.6	9.1	4	48.6	52	21.4	8.1	3	42.7	51	20.8	11.2	1	67.3	57.3	24.6	6.9					
57	56 to 58	17	38.7	49	19.7	11.1	4	37.5	48.6	19.5	9.2	6	26.7	45.4	17.8	14.1	2	62.3	55.3	23.3	4.6	1	43.9	50.5	20.5	8.1
55	54 to 56	20	42.7	49.2	19.8	8.4	7	48.5	50.8	20.7	4.5	7	27.5	44.7	17.5	12.7	1	55.1	52.6	21.7	4.7					
53	52 to 54	11	35.5	46.2	18.2	10.1	4	38.9	47.2	18.8	12	4	21	41.7	16	10.6	1	54.1	51.5	21.1	3.4					
51	50 to 52	13	35.2	45.1	17.7	12.3	5	37.4	45.8	18	12.5	5	29.6	43.4	16.8	12.5										
49	48 to 50	10	30.5	42.7	16.5	14.2	3	28.1	41.9	16.1	16.9	3	26.7	41.5	15.9	15.8										
47	46 to 48	5	30.4	41.7	16	14	3	27.1	40.6	15.5	16.4	1	30.1	41.6	15.9	17.2										
45	44 to 46	8	31.1	40.8	15.8	12.3	3	34.6	42	16.1	11	5	28.9	40.1	15.3	13.2										
43	42 to 44	4	27.2	38.5	14.5	14.5	2	26.5	38.3	14.4	17.9	2	27.9	38.7	14.6	11										
41	40 to 42	2	26	37	13.9	13.1	2	26	37	13.9	13.1															
39	38 to 40	2	28.1	38.6	13.7	8.2	1	32	38	14.3	4.7	1	24.2	35.2	13.1	11.6										
37	36 to 38	2	23.6	33.9	12.5	6.6	1	24.7	34.3	12.7	8.5	1	22.5	33.5	12.3	4.7										
35	34 to 36																									
33	32 to 34	1	23.3	31.4	11.5	5.8	1	23.3	31.4	11.5	5.8															
31	30 to 32																									
29	28 to 30																									

May					June					July					August					September					October	
Hrs	HR(gr/lb)	WB (F)	h (BTU/lb)	WS (mph)	Hrs	HR(gr/lb)	WB (F)	h (BTU/lb)	WS (mph)	Hrs	HR(gr/lb)	WB (F)	h (BTU/lb)	WS (mph)	Hrs	HR(gr/lb)	WB (F)	h (BTU/lb)	WS (mph)	Hrs	HR(gr/lb)	WB (F)	h (BTU/lb)	WS (mph)	Hrs	HR(gr/lb)
					2	106.6	75.8	39.1	14.4																	
1	102.4	74.6	38	11.6	16	120.8	77.5	40.9	11.1	4	138.2	80.1	43.6	12.4	23	125	78.1	41.5	13.2	4	117.5	77	40.3	10.4		
1	122.7	77.3	40.6	13.9	14	126.8	77.9	41.3	9.5	50	126.6	77.9	41.3	10	68	125.5	77.7	41.1	12.5	11	131.5	78.6	42	10.7	7	118.8
13	115	75.6	39	10.4	30	126	77.3	40.7	10	55	129.9	77.8	41.3	10.6	48	124.6	77.1	40.5	11.7	61	133.2	78.4	41.8	10.1	24	115.8
18	111.7	74.5	37.9	12.2	41	123	76.3	39.7	12.3	44	130.4	77.5	40.9	10.2	31	123.4	76.4	39.8	10.3	43	131.2	77.6	41	10.1	42	110
31	106.6	73.1	36.6	14.4	49	123.5	75.9	39.3	11.8	30	130.6	77	40.4	9.4	29	125	76.1	39.5	10.4	33	127.3	76.5	39.9	7.1	28	107.3
55	92.7	70	34	15.2	38	122.4	75.2	38.6	12.2	10	131.5	76.6	40.1	10.4	26	125.6	75.7	39.1	7.9	34	128	76	39.5	7.5	21	103.6
40	92	69.3	33.4	14.6	34	125.9	75.2	38.7	10.2	21	128.7	75.6	39.1	8.2	18	123.7	74.8	38.3	4.4	15	125	75	38.5	5	27	94.3
29	97	69.8	33.7	13.2	4	125.9	74.7	38.2	8	8	126	74.7	38.2	11	8	120.8	73.8	37.4	8.8	8	122.8	74.1	37.7	3.9	24	83.7
28	100.2	69.6	33.7	12.5	13	122.9	73.6	37.2	9.5	7	122.9	73.6	37.2	11.2	4	123	73.6	37.2	3.5	15	119.8	73.1	36.7	4.7	19	92.1
26	98.9	68.8	33	12.4	1	122.6	73	36.7	15	2	111.4	71.1	34.8	13.3						7	111.4	71.1	34.9	4.5	24	93.8
6	90.2	66.5	31.1	12																					13	86.3
4	92.5	66.3	31	7.1																					6	92.3
1	92.5	65.6	30.5	13.9																					4	82.3
																									2	72.4
																									1	66.8

November					December								
WB (F)	h (BTU/lb)	WS (mph)	Hrs	HR(gr/lb)	WB (F)	h (BTU/lb)	WS (mph)	Hrs	HR(gr/lb)	WB (F)	h (BTU/lb)	WS (mph)	
76.7	40	8.6											
75.7	39.1	9.7											
74.2	37.7	9.5	6	103.1	73	36.6	10.3	1	85.6	69.9	33.8	12.6	
73.2	36.7	8.5	33	102.4	72.3	38	10.7	6	98.1	71.2	35	15	
72	35.7	9.4	49	103.3	71.9	35.6	12.7	18	98.4	71.1	34.9	15	
69.7	33.7	13.2	35	95.9	70	34	12.5	24	96.7	70.2	34.1	15	
67.1	31.6	12	32	99.2	70	34	13.1	13	91.3	68.6	32.8	15	
68.1	32.4	10.9	11	91	67.9	32.2	12.2	36	85.8	66.9	31.4	15.1	
67.8	32.2	12.9	36	81.7	65.4	30.3	10.6	46	74.8	64	29.2	14.9	
65.7	30.5	9.3	12	78.1	64	29.2	10.1	22	72.3	62.8	28.3	11.9	
66.2	30.9	4.5	10	85.2	64.8	29.9	5.1	12	81.3	64	29.2	11.2	
63.5	28.9	8.3	3	85.7	64.3	29.4	6.9	12	77.8	62.6	28.2	8.3	
			5	80.2	62.4	28.1	3.6	11	45.1	54.2	22.6	14.5	
60	26.4	7.7	5	66.5	58.6	25.5	7.5	9	52.2	55.2	23.2	10.4	
57.9	25	6.9	1	57.6	55.7	23.6	4.7	5	54.8	56	23.2	9	
			1	42.4	50	20.3	12.1	3	45.5	50.9	20.7	12.3	
			1	48.1	50.7	20.7	6.9	4	54.8	52.5	21.7	8.9	
			1	36.5	46.5	18.4	11.6	1	60.3	53	22.1	5.8	
								3	40.7	46.8	18.5	11.6	
								4	35.3	44.2	17.2	11	
			1	40.7	44.9	17.6	3.4						

Kitchen Hoods Variable Air Volume Exhaust Retrofits

TruFlow Motor Energy Savings

Date: January-09-12

Project Name: Civic Ctr Kitchen

Location: Port St Lucie, Florida

Kitchen	TruFlow Operation			Standard Operation		
Exhaust %	Derated output KW/HP	Average % Run Time	KW/HP x % Run Time	Derated output KW/HP	Average % Run Time	KW/HP x % Run Time
100	0.746	20	0.149	0.746	100	0.746
90	0.567	10	0.057	0.746	0	0.000
80	0.440	5	0.022	0.746	0	0.000
70	0.313	10	0.031	0.746	0	0.000
60	0.205	5	0.010	0.746	0	0.000
50	0.173	50	0.087	0.746	0	0.000
40	0.162	0	0.000	0.746	0	0.000
30	0.159	0	0.000	0.746	0	0.000
20	0.151	0	0.000	0.746	0	0.000
10	0.144	0	0.000	0.746	0	0.000

Effective KW/hp	0.356	0.746
Electrical Cost/year	$2,280.36	$4,779.17
Electrical Savings/year	$2,498.82	

INPUT DATA	
Operating Hours Per Day	16
Operating Days Per Week	7
Operating Weeks Per Year	52
Total fan horsepower	10
Motor Efficiency	0.90
Cost Per Kilowatt Hour	$0.11
Fan motor load factor	0.90

Electrical Cost/year = hours/day x days/week x weeks/year x Total Horsepower x Cost per KWHR x Load Factor x Effective KW/hp/Motor Efficiency

TruFlow Latent Cooling Energy Savings

Commercial Kitchen Exhaust
Project: Civic Ctr Kitchen
Location: Port St Lucie, Florida

Description	TruFlow Exhaust	Straight Exhaust
Total Hood Exhaust	5600 CFM	5600 CFM
Average Daily Exhaust	3808 CFM	5600 CFM
Average Cooled Kitchen Air	3046 CFM	4480 CFM
Average Cooled Dining Room Fresh Air	762 CFM	1120 CFM

Energy Cost Data

Cost to Cool Kitchen Fresh Air	$0.00	$0.00
Cost to Cool Dining Room Fresh Air	$11,353.00	$16,695.00
Total Annual Cooling Cost	$11,353.00	$16,695.00
Annual Energy Savings When Using TruFlow	$5,342.00	

Annual Cost Calculation

Hours/day operation	16
Energy Cost ($/KWHR)	$0.11
AC Correction Factor	0.90
Coefficient of Performance (COP)	3.00
Cooling Effectiveness Factor	100
Kitchen is air conditioned	No

The formula for calculating the cost of cooling makeup air is:
Annual Cost = Sum total of (Average Monthly Enthalpy (btu/lba) x total hours each month) x 4.5 x cfm x hrs/day $/kw x cooling effectiveness /(power correction factor x COP x 3413 x 24 x 100)
Hours/day = The average operating hours/day
Energy Cost = Energy Cost ($/KWHR)
AC = Electrical power factory defaulted to 1
COP = Coefficient of Performance of the cooling system (3)
Cooling Effectivenes = percentage of fresh air that is mechanically cooled

The most commonly available weather data is in the form of monthly averages. The TRNSYS Type 54 Weather Data Generator generates hourly weather data for a typical year given the monthly average values of solar radiation, dry bulb temperature, humidity ratio, and windspeed (optional). is a file of monthly average weather data from 329 sites in the United States and Canada. The data is taken from the publication Input Data for Solar Systems by Cinquemani, Owenby, and Baldwin, published by the U.S. National Oceanic and Atmospheric Administration, Asheville, NC.

TruFlow Sensible Cooling Energy Savings

Commercial Kitchen Exhaust
Project: Civic Ctr Kitchen
Location: Port St Lucie, Florida

Description	TruFlow Exhaust	Straight Exhaust
Total Hood Exhaust	5600 CFM	5600 CFM
Average Daily Exhaust	3808 CFM	5600 CFM
Average Cooled Kitchen Air	3046 CFM	4480 CFM
Average Cooled Dining Room Fresh Air	762 CFM	1120 CFM

Energy Cost Data

Cost to Cool Kitchen Fresh Air	$0.00	$0.00
Cost to Cool Dining Room Fresh Air	$2,822.00	$4,150.00
Total Annual Cooling Cost	$2,822.00	$4,150.00
Annual Energy Savings When Using TruFlow	$1,328.00	

Annual Cost Calculation

Cooling Degree Days @ 60F (for kitchen design below 80F)	1776
Hours/day operation	16
Energy Cost ($/KWHR)	$0.11
AC Correction Factor	0.90
Coefficient of Performance (COP)	3.00
Kitchen Design Temperature (°F)	75
Kitchen is air conditioned	No

The formula for calculating the cost of cooling makeup air is:
Annual Cost = CFM x 1.09 x Degree Days x hrs/day x Energy Cost x AC /(COP x 3413)
CFM = The supply volume of fresh air to be cooled
Degree Days = Cooling Degree Days at temperature selected
Hours/day = The average operating hours/day
Energy Cost = Energy Cost ($/KWHR)
AC = Electrical power factory defaulted to 1
COP = Coefficient of Performance of the cooling system (3)

HVAC energy cost based on 55F degreedays/fresh air cost based on 55F when kitchen air conditioned
Kitchen energy saviings based on 65F degree days when KDT 80For over
Kitchen energy savings based on 60F degree days when KDT less than 80F
Weather data extracted from NOAA United States Climatic Norms 1971 - 2001
Climotographic of the United States No. 81 Supplement No.2

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TruFlow Motor Energy Savings

Date: January-06-12

Project Name: Golf Course

Location: Port St Lucie, Florida

Kitchen	TruFlow Operation			Standard Operation		
Exhaust %	Derated output KW/HP	Average % Run Time	KW/HP x % Run Time	Derated output KW/HP	Average % Run Time	KW/HP x % Run Time
100	0.746	20	0.149	0.746	100	0.746
90	0.567	10	0.057	0.746	0	0.000
80	0.440	5	0.022	0.746	0	0.000
70	0.313	10	0.031	0.746	0	0.000
60	0.205	5	0.010	0.746	0	0.000
50	0.173	50	0.087	0.746	0	0.000
40	0.162	0	0.000	0.746	0	0.000
30	0.159	0	0.000	0.746	0	0.000
20	0.151	0	0.000	0.746	0	0.000
10	0.144	0	0.000	0.746	0	0.000

Effective KW/hp	0.356	0.746
Electrical Cost/year	$1,368.21	$2,867.50
Electrical Savings/year	$1,499.29	

INPUT DATA	
Operating Hours Per Day	16
Operating Days Per Week	7
Operating Weeks Per Year	52
Total fan horsepower	6
Motor Efficiency	0.90
Cost Per Kilowatt Hour	$0.11
Fan motor load factor	0.90

Electrical Cost/year = hours/day x days/week x weeks/year x Total Horsepower x Cost per KWHR x Load Factor x Effective KW/hp/Motor Efficiency

TruFlow Latent Cooling Energy Savings

Commercial Kitchen Exhaust
Project: Golf Course
Location: Port St Lucie, Florida

Description	TruFlow Exhaust	Straight Exhaust
Total Hood Exhaust	8795 CFM	8795 CFM
Average Daily Exhaust	5981 CFM	8795 CFM
Average Cooled Kitchen Air	4784 CFM	7036 CFM
Average Cooled Dining Room Fresh Air	1196 CFM	1759 CFM

Energy Cost Data

Cost to Cool Kitchen Fresh Air	$0	$0
Cost to Cool Dining Room Fresh Air	$3,566.00	$5,244.00
Total Annual Cooling Cost	$3,566.00	$5,244.00
Annual Energy Savings When Using TruFlow	$1,678.00	

Annual Cost Calculation

Hours/day operation	16
Energy Cost ($/KWHR)	$0.11
AC Correction Factor	0.90
Coefficient of Performance (COP)	3.00
Cooling Effectiveness Factor	20
Kitchen is air conditioned	No

The formula for calculating the cost of cooling makeup air is:
Annual Cost = Sum total of (Average Monthly Enthalpy (btu/lba) x total hours each month) x 4.5 x cfm x hrs/day $/kw x cooling effectiveness /(power correction factor x COP x 3413 x 24 x 100)
Hours/day = The average operating hours/day
Energy Cost = Energy Cost ($/KWHR)
AC = Electrical power factory defaulted to 1
COP = Coefficient of Performance of the cooling system (3)
Cooling Effectivenes = percentage of fresh air that is mechanically cooled

The most commonly available weather data is in the form of monthly averages. The TRNSYS Type 54 Weather Data Generator generates hourly weather data for a typical year given the monthly average values of solar radiation, dry bulb temperature, humidity ratio, and windspeed (optional). is a file of monthly average weather data from 329 sites in the United States and Canada. The data is taken from the publication Input Data for Solar Systems by Cinquemani, Owenby, and Baldwin, published by the U.S. National Oceanic and Atmospheric Administration, Asheville, NC.

TruFlow Sensible Cooling Energy Savings

Commercial Kitchen Exhaust
Project: Golf Course
Location: Port St Lucie, Florida

Description	TruFlow Exhaust	Straight Exhaust
Total Hood Exhaust	8795 CFM	8795 CFM
Average Daily Exhaust	5981 CFM	8795 CFM
Average Cooled Kitchen Air	4784 CFM	7036 CFM
Average Cooled Dining Room Fresh Air	1196 CFM	1759 CFM

Energy Cost Data

Cost to Cool Kitchen Fresh Air	$0	$0
Cost to Cool Dining Room Fresh Air	$1207.80	$1776.20
Total Annual Cooling Cost	$1207.80	$1776.20
Annual Energy Savings When Using TruFlow	$568.40	

Annual Cost Calculation

Cooling Degree Days @ 60F (for kitchen design below 80F)	1776
Hours/day operation	16
Energy Cost ($/KWHR)	$0.11
AC Correction Factor	0.90
Coefficient of Performance (COP)	3.00
Kitchen Design Temperature (°F)	75
Kitchen is air conditioned	No

The formula for calculating the cost of cooling makeup air is:
Annual Cost = CFM x 1.09 x Degree Days x hrs/day x Energy Cost x AC /(COP x 3413)
CFM = The supply volume of fresh air to be cooled
Degree Days = Cooling Degree Days at temperature selected
Hours/day = The average operating hours/day
Energy Cost = Energy Cost ($/KWHR)
AC = Electrical power factory defaulted to 1
COP = Coefficient of Performance of the cooling system (3)

HVAC energy cost based on 55F degreedays/fresh air cost based on 55F when kitchen air conditioned
Kitchen energy saviings based on 65F degree days when KDT 80For over
Kitchen energy savings based on 60F degree days when KDT less than 80F
Weather data extracted from NOAA United States Climatic Norms 1971 - 2001
Climotographic of the United States No. 81 Supplement No.2

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Automated Computer Power Management

City of Port St Lucie
ECM #14 - Install Network-Based Computer Power Saver Software

faronics POWERSAVE

ROI Calculator

Project Variables

Inputs		Values	
Number of Computers	NC =	1,035	computers
Energy Tariff	ET =	$0.90	/ kWh
PC On Hours Per Day (No PS)	PCOHDNoPS =	24	hours / day
PC On Hours Per Day (With PS)	PCOHDWithPS =	9	hours / day
Monitor On Hours Per Day (No PS)	MOHDNoPS =	24	hours / day
Monitor On Hours Per Day (With PS)	MOHDWithPS =	9	hours / day
% of PCs Manually Powered Off	PCMTO =	90	%
Business Days Per Year	BDY =	365	days
PC Consumption On	PCCO =	110	watts
PC Consumption Standby	PCCS =	10	watts
Monitor Consumption On	MCO =	40	watts
Monitor Consumption Standby	MCS =	1.5	watts
Maintenance Periods Per Year	MAINTP =	12	periods / year
Maintenance Duration	MAINTD =	1	hours / period

Information

Name	
Company	
Title	
City	
State	
Country	

☐ My organization has a computer energy management directive

My environment has 1035 workstations

My Role in technology purchasing process is: Evaluator

Comments:

ROI & Calculation

Calculations	Formulae		Corporate No PS	Corporate With PS
PC On Hours Per Year	PCOHY =	PCOHD * [BDY or SDY] + MAINTP * MAINTD	8,772	3,297
PC Off Hours Per Year	PCNHY =	8760 - PCOHY	-12	5,463
Monitor On Hours Per Year	MOHY =	MOHD * [BDY or SDY]	8,760	
Monitor Off Hours Per Year	MNHY =	8760 - MOHY	0	
PC Consumption Per Year for PCs Not Manually Powered Off	PCCY =	PCOHY * PCCO + PCNHY * PCCS	964,800	417,300
PC Consumption Per Year for PCs Manually Powered Off	PCCYMTO =	PCOHY * PCCO	362,670	
Monitor Consumption Per Year (Regardless of Manual Power-Off)	MCY =	MOHY * MCO + NHY * MCS	350,400	
Total Consumption Per Year for PCs Not Manually Powered Off	TCY =	PCCY + MCY	1,315,200	767,700
Total Consumption Per Year for PCs Manually Powered Off	TCYMTO =	PCCYMTO + MCY	713,070	
Total Energy Cost Per Year for PCs Not Manually Powered Off	ECY =	TCY / 1000 * ET	$1,183.68	$690.93
Total Energy Cost Per Year for PCs Manually Powered Off	ECYMTO =	TCYMTO / 1000 * ET	$641.76	
Total Energy Cost All Computers	TCA =	ECY * NC * (100 - PCMTO) / 100 + ECYMTO * NC * PCMTO / 100	$720,313.11	$669,313.49
Annual Savings	**ROS =**	**(TCA[No PS] - TCA[With PS])**	**$50,999.63**	

Green Print

GREENPRINT ENTERPRISE SOFTWARE

ANALYSIS OF PRINTING COSTS AND SAVINGS OPPORTUNITIES

FOR: City of Port St Lucie, FL

AVERAGE ENTERPRISE PRINTING COSTS	COST	REFERENCE OR METHODOLOGY
TOTAL COST PER WASTED SHEET	**$0.060**	**Low end of a study done by CitiGroup which estimates the total cost of wasted paper is $0.06-$0.13 per sheet. This is a wholistic calculation which takes into account ink/toner, paper, waste disposal, shipping, storage, employee time, energy. http://www.edf.org/documents/4138_Final%20Citigroup%20report_11-1-04.pdf**

AVERAGE ENTERPRISE PRINTING WASTE		REFERENCE OR METHODOLOGY
Sheets printed by avg employee per year	10,000	woodconsumption.org/Resource Conservation Alliance paper "Focus On: Paper Consumption"
Average sheets wasted per day per employee	3.00	http://www.lexmark.com/uncomplicate/pressrelease/home/0,7071,295522_2483_730688098_en,00.html
Work days a year	235	Full-time employee with three weeks vacation plus 10 federal holidays
Average sheets wasted per year per employee	705	Roughly 17% according to Lexmark study cited above
Money wasted per year per employee (US $$)	**$42.30**	

GREENPRINT FINANCIAL SAVINGS ANALYSIS (all savings in US $)		REFERENCE OR METHODOLOGY
# of workstations	**1,035**	
Savings per employee from using GreenPrint Enterprise	$42.30	In real world results this has been as high as $864 per user per year in high volume environments (e.g. real estate firms).
Total annual savings	**$43,780.50**	
5 Year savings	**$218,902.50**	

ENVIRONMENTAL SAVINGS ANALYSIS		REFERENCE OR METHODOLOGY
TREES		
# of sheets saved per user per year	705	
Sheets of paper per tree	8,333	Estimate provided by Conservatree.org
# of trees saved per year for all users	**88**	
CARBON		
Pounds of CO2 prevented per page saved	0.7156	
Total # of pages saved per year - all users	547,256	
Tons of CO2 saved for all users	**196**	http://www.appanet.org/treeben/calculate.asp
CARS OFF THE ROAD		
Equivalent cars removed from road	**39.16**	1 pound of CO2 emitted per mile driven - 5 tons per car per year

Street Lighting Retrofit

City of Port St Lucie, FL - Induction Ped Deco Retrofit Project					
Existing Lighting System			Proposed Solution		
Fixture	Qty	Nominal Power, Watts	Fixture	Qty	Nominal Power, Watts
High Pressure Sodium Ped Deco	882	150	Induction Ped Deco Retrofit Kit	882	100
Metal Halide Ped Deco	109	175	Induction Ped Deco Retrofit Kit	109	100
Metal Halide Ped Deco	107	250	Induction Ped Deco Retrofit Kit	107	100

Retrofit Kit Specifications			
Manufacturer	Model #	Wattage	Voltage
Kumho	101585	85	240
Kumho	101510	100	240

Existing Lighting System									
Components	Qty	Watts	Hours	Total KW	Kwh	Lamp Life (hrs)	Lamp Life (years)	Lamp Replacement Cost	Annualized Lamp Replacement Cost
High Pressure Sodium Ped Deco	882	150.00	4,380	132.30	579,474	24,000	5.5	$90.75	$14,608
Metal Halide Ped Deco	109	175.00	4,380	19.08	83,549	20,000	4.6	$91.20	$2,177
Metal Halide Ped Deco	107	250.00	4,380	26.75	117,165	20,000	4.6	$91.20	$2,137
Totals	1098				780,188				18,922

Proposed Solution								Energy Savings			Operational Savings	Total Savings
Components	Qty	Watts	Hours	KW	Kwh	Lamp Life (hrs)	Lamp Life (years)	KW	kWh	$ Saved	$ Saved	$ Saved
Induction Ped Deco	882	100.00	4,380	88.20	386,316	100,000	23	44.10	193,158	$18,788.48	$14,607.57	$33,396.05
Induction Ped Deco	109	100.00	4,380	10.90	47,742	100,000	23	8.18	35,807	$3,482.90	$2,177.04	$5,659.93
Induction Ped Deco	107	100.00	4,380	10.70	46,866	100,000	23	16.05	70,299	$6,837.98	$2,137.09	$8,975.07
Totals	1098				480,924			Total	299,264	$29,109.36	$18,921.70	$48,031.06

Building Simulations

	Lighting			Building Envelope			High efficiency Pumps with VFD			HVAC DX Replacements			VAV Kitchen Hood Retrofit			AHU VAV Conversions			Demand Control Ventilation		
Modeled Buildings	Kwh	KW	$	Kwh	KW	$	Kwh	KW	$	Kwh	KW	$	Kwh	KW	$	Kwh	KW	$	Kwh	KW	$
City Hall A	131,752	28	$11,148	131,862	28	$3,542	229,616	-1	$12,838										38,071	0	$2,182
City Hall B	102,414	32	$9,566	24,937	53	$3,482	24,370	6	$2,230										12,969	0	$734
City Hall C	135,731	17	$10,012				71,737	3	$2,230							33,683	3	$2,409	16,377	0	$983
Police Evidence	22,021	6	$1,788																		
City Hall Campus Ice Storage																					
City Hall Campus Turbocor Chiller Plant																					
Community Center	25,979	6	$2,181	7,637	4	$721				56,548	15	$4,431							35,222	0	$2,045
Civic Center	220,279	38	$17,464	160,156	26	$11,510	99,437	0	$6,389				83,353		$9,169				37,866	0	$3,209
Botanical Gardens	1,647	1	$138																		
PAL Building	34,059	5	$3,418	2,441	2	$170				10,339	3	$1,016							8,796	-	$865
PD East	9,369	2	$921																		
Saint Golf Clubhouse	37,017	4	$2,838	7,145	9	$1,511							34,052		$3,746						
Whispering Pines Gymnasium	52,205	0	$3,775	27,306	21	$2,882				16,052	4	$1,324							6,467	0	$375
Subtotal	772,473	139	$63,249	361,484	142	$23,818	425,160	8	$23,687	82,939	21	$6,771	117,405	0	$12,915	33,683	3	$2,409	155,768	0	$10,393
Total Per ECM Calc of all Bldgs	1,147,071	244	$89,882							4,657	1	$512									
Ancillary Buildings Not Modeled (or net)	374,598	105	$26,633							-78,282	-20										
Total	1,147,071	244	$89,882	361,484	142	$23,818	425,160	8	$23,687	4,657	1	$7,283	117,405	0	$12,915	33,683	3	$2,409	155,768	0	$10,393

	Night Time Set Back			Chilled Water Reset Sequence			High Efficiency Chiller Plant			Automated PC Power			Cooling Temperature Setpoint			Install Programmable Tstats		
Modeled Buildings	Kwh	KW	$	Kwh	KW	$	Kwh	KW	$	Kwh	KW	$	Kwh	KW	$	Kwh	KW	$
City Hall A	12,371	0	$5,949	29,610	0	$1,854							56406		$5,119			
City Hall B				4,806	5	$647							21416	7	$2,014			
City Hall C				16,263	1	$1,260							43290	9	$3,468			
Police Evidence																		
City Hall Campus Ice Storage																		
City Hall Campus Turbocor Chiller Plant							1,347,129	328	$123,383									
Community Center																		
Civic Center	260,805	43	$17,780	21,004	0	$1,349							7967	6	$1,250			
Botanical Gardens													12975	3	$1,076			
PAL Building																		
PD East	5,581	0	$549										932		$92			
Saint Golf Clubhouse													8080	2	$1,174			
Whispering Pines Gymnasium																		
Subtotal	278,757	43	$24,278	71,683	6	$5,110	1,347,129	328	$123,383	463,636		$51,000	151066	27	14,193			
Total Per ECM Calc of all Bldgs																		
Ancillary Buildings Not Modeled (or net)													48,677		$5,354	116,554		$12,821
Total	278,757	43	$24,278	71,683	6	$5,110	1,347,129	328	$123,383	463,636	0	$51,000	199,743	27	$19,547	116,554	0	$12,821

City Hall A

Entered Values

TRACE® 700 version 6.2.7

By Honeywell Inc

Project Name:
Dataset Name: D:\DOCUMENTS AND SETTINGS\E470859\MY DOCUMENTS\PROJECTS\PORT ST LUCIE FL\CONTRACT WORKING
Location:
Building Owner:
Program User:
Company:
Comments:

Cooling Design Period:	January thru December
Peak Hour Override:	0
Daylight Savings Period:	
Summer Period:	
Cooling Methodology:	TETD-TA1
Heating Methodology:	UATD
Infiltration Methodology:	Vary with wind speed
Outside Film Methodology:	Vary with wind speed
Terrain Methodology:	Flat terrain with some isolated objects
Room Circ Rate:	Medium
Wall Load To Plenum:	YES
Building Orientation:	0 degrees from north
Simulation Hours:	Reduced year
Calendar Code:	Standard (1978)
Energy Simulation Period:	January thru December

Location:	West Palm Beach, Florida	
Summer Design Dry Bulb:	92.30	°F
Summer Design Wet Bulb:	79.20	°F
Winter Design Dry Bulb:	45.00	°F
Summer Clearness Number:	0.90	
Winter Clearness Number:	0.95	
Summer Ground Reflectance:	0.20	
Winter Ground Reflectance:	0.20	
Carbon Dioxide Level:	400	ppm
Force VAV Min => Nominal Ventilation at Design:	No	
Allow Energy Recovery/Transfer at Design:	No	
Retest Design Peaks:	Yes	
Calculate Building Block Loads:	No	

ENTERED VALUES
PLANTS
By Honeywell Inc

Cooling Plant: Cooling plant - 001

Sizing method: Peak
Heat rejection type: None
Secondary distribution pump: Cnst vol chill water pump
Secondary pump consumption: 10 hp
Thermal storage type: None
Thermal storage capacity: 0 ton-hr
Thermal storage schedule: Off (0%)

Geothermal Loop

TLoop Ent Bldg:	None	Flow scheme:	Fully mixed
TLoop schedule:	None	Loop fluid glycol:	0%
Flow rate:	100.00% of condenser flow rate	Heat exchanger approach:	0°F
Loop pump	None		
Pump F.L. rate:	0.00ft water		

Equipment tag: Air-cooled chiller - 001

Cooling Type: Default air-cooled chiller

Cooling plant - 001

Operating Mode	Capacity	Energy Rate	Pumps	Type	Full Load Consumption
Cooling:	80.0 tons	1.4000 kW/ton	Chilled water:	Cnst vol chill water pump	10.00 hp
Heat recovery:			Condenser water:	None	
Tank charging:			Heat recovery or aux cond:	None	
Tank charging & heat recovery:			Free cooling:	None	

Heat Rejection and Thermal Storage

Heat rejection type: MZ packaged rooftop cond fan
Thermal storage type: None
T-storage capacity: 0 ton-hr
T-storage schedule: Storage

Equipment Options

Sequencing type: Par. Decoupled
Demand lim priority:
Dsn chilled water delta T: 10 °F
Dsn cond water delta T: 10 °F

Free clg type: None
Fluid cooler type: None
Load shed econ: no
Evap precooling: no
Hot gas reheat No

Energy source:
Reject cond heat: Heat Reject.Equip
Cond. heat to plant:
Equip schedule: Available (100%)

Reset Based On	Reset Curve	Max Reset TD
Chilled Water: None	None	0°F
Condenser Water: None	None	0°F

Equipment tag: Air-cooled chiller - 002

Cooling Type: Default air-cooled chiller

Cooling plant - 001

Operating Mode	Capacity	Energy Rate	Pumps	Type	Full Load Consumption
Cooling:	60.0 tons	1.3000 kW/ton	Chilled water:	Cnst vol chill water pump	10.00 hp
Heat recovery:			Condenser water:	None	
Tank charging:			Heat recovery or aux cond:	None	
Tank charging & heat recovery:			Free cooling:	None	

Heat Rejection and Thermal Storage

Heat rejection type: MZ packaged rooftop cond fan
Thermal storage type: None
T-storage capacity: 0 ton-hr
T-storage schedule: Storage

Equipment Options

Sequencing type: Par. Decoupled
Demand lim priority:
Dsn chilled water delta T: 10 °F
Dsn cond water delta T: 10 °F

Free clg type: None
Fluid cooler type: None
Load shed econ: no
Evap precooling: no
Hot gas reheat No

Energy source:
Reject cond heat: Heat Reject.Equip
Cond. heat to plant:
Equip schedule: Available (100%)

Reset Based On	Reset Curve	Max Reset TD
Chilled Water: None	None	0°F
Condenser Water: None	None	0°F

Equipment tag: Air-cooled unitary - 003

Cooling Type: Default air-cooled unitary

Cooling plant - 001

Operating Mode	Capacity	Energy Rate	Pumps	Type	Full Load Consumption
Cooling:	3.0 tons	1.3800 kW/ton	Chilled water:	None	
Heat recovery:			Condenser water:	None	
Tank charging:			Heat recovery or aux cond:	None	
Tank charging & heat recovery:			Free cooling:	None	

Heat Rejection and Thermal Storage

Equipment Options

ENTERED VALUES
PLANTS
By Honeywell Inc

Heat rejection type: Condenser fan for Heat Pump
Thermal storage type: None
T-storage capacity: 0 ton-hr
T-storage schedule: Storage

Sequencing type: Single
Demand lim priority:
Dsn chilled water delta T: 10 °F
Dsn cond water delta T: 10 °F

Free clg type: None
Fluid cooler type: None
Load shed econ: no
Evap precooling: no
Hot gas reheat No

Energy source:
Reject cond heat: Heat Reject.Equip
Cond. heat to plant:
Equip schedule: Available (100%)

Reset Based On	Reset Curve	Max Reset TD
Chilled Water: None	None	0°F
Condenser Water: None	None	0°F

Equipment tag: Air-cooled unitary - 004 Cooling Type: Default air-cooled unitary — Cooling plant - 001

Operating Mode	Capacity	Energy Rate
Cooling:	3.0 tons	1.3800 kW/ton
Heat recovery:		
Tank charging:		
Tank charging & heat recovery:		

Pumps	Type
Chilled water:	None
Condenser water:	None
Heat recovery or aux cond:	None
Free cooling:	None

Full Load Consumption

Heat Rejection and Thermal Storage

Heat rejection type: Condenser fan for Heat Pump
Thermal storage type: None
T-storage capacity: 0 ton-hr
T-storage schedule: Storage

Sequencing type: Single
Demand lim priority:
Dsn chilled water delta T: 10 °F
Dsn cond water delta T: 10 °F

Equipment Options

Free clg type: None
Fluid cooler type: None
Load shed econ: no
Evap precooling: no
Hot gas reheat No

Energy source:
Reject cond heat: Heat Reject.Equip
Cond. heat to plant:
Equip schedule: Available (100%)

Reset Based On	Reset Curve	Max Reset TD
Chilled Water: None	None	0°F
Condenser Water: None	None	0°F

Heating Plant: Heating plant - 002

Sizing method: Peak
Cogeneration type: None
Secondary distribution pump: None
Thermal storage type: None
Thermal storage capacity: 0 ton-hr

Equipment tag: Electric Resistance - 001 Heating Type: Default electric resistance — Heating plant - 002

Heating capacity:
Energy rate: 100.00 % Effic.

Thermal storage type: None
Thermal storage capacity: 0 ton-hr
Thermal storage schedule: Storage

Hot water pump type: None
Hot water pump cons: 0.00 kW

Equipment schedule: Available (100%)
Demand limiting priority:

Base Utilities

Plant assigned to:
Type:

Description:
Demand limiting priority:

Schedule:
Hourly demand:

Miscellaneous accessories

Plant assigned to:
Equipment tag:

Type:
Description:

Schedule:
Energy:

ENTERED VALUES
PLANTS
By Honeywell Inc

Cooling Plant: Cooling plant - 001

Sizing method: Peak
Heat rejection type: None
Secondary distribution pump: Cnst vol chill water pump
Secondary pump consumption: 10 hp
Thermal storage type: None
Thermal storage capacity: 0 ton-hr
Thermal storage schedule: Off (0%)

Geothermal Loop

TLoop Ent Bldg:	None	Flow scheme:	Fully mixed
TLoop schedule:	None	Loop fluid glycol:	0%
Flow rate:	100.00% of condenser flow rate	Heat exchanger approach:	0°F
Loop pump	None		
Pump F.L. rate:	0.00ft water		

Equipment tag: Air-cooled chiller - 001 — Cooling Type: Default air-cooled chiller — Cooling plant - 001

Operating Mode	Capacity	Energy Rate	Pumps	Type	Full Load Consumption
Cooling:	80.0 tons	1.4000 kW/ton	Chilled water:	Cnst vol chill water pump	10.00 hp
Heat recovery:			Condenser water:	None	
Tank charging:			Heat recovery or aux cond:	None	
Tank charging & heat recovery:			Free cooling:	None	

Heat Rejection and Thermal Storage

Heat rejection type: MZ packaged rooftop cond fan
Thermal storage type: None
T-storage capacity: 0 ton-hr
T-storage schedule: Storage

Equipment Options

Sequencing type: Par. Decoupled
Demand lim priority:
Dsn chilled water delta T: 10 °F
Dsn cond water delta T: 10 °F
Hourly ambient wet bulb offset: 339999995214436
Free clg type: None
Fluid cooler type: None
Load shed econ: no
Evap precooling: no
Hot gas reheat No
Energy source:
Reject cond heat: Heat Reject.Equip
Cond. heat to plant:
Equip schedule: Available (100%)

Reset Based On	Reset Curve	Max Reset TD
Chilled Water: None	None	0°F
Condenser Water: None	None	0°F

Equipment tag: Air-cooled chiller - 002 — Cooling Type: Default air-cooled chiller — Cooling plant - 001

Operating Mode	Capacity	Energy Rate	Pumps	Type	Full Load Consumption
Cooling:	60.0 tons	1.3000 kW/ton	Chilled water:	Cnst vol chill water pump	10.00 hp
Heat recovery:			Condenser water:	None	
Tank charging:			Heat recovery or aux cond:	None	
Tank charging & heat recovery:			Free cooling:	None	

Heat Rejection and Thermal Storage

Heat rejection type: MZ packaged rooftop cond fan
Thermal storage type: None
T-storage capacity: 0 ton-hr
T-storage schedule: Storage

Equipment Options

Sequencing type: Par. Decoupled
Demand lim priority:
Dsn chilled water delta T: 10 °F
Dsn cond water delta T: 10 °F
Hourly ambient wet bulb offset: 339999995214436
Free clg type: None
Fluid cooler type: None
Load shed econ: no
Evap precooling: no
Hot gas reheat No
Energy source:
Reject cond heat: Heat Reject.Equip
Cond. heat to plant:
Equip schedule: Available (100%)

Reset Based On	Reset Curve	Max Reset TD
Chilled Water: None	None	0°F
Condenser Water: None	None	0°F

Equipment tag: Air-cooled unitary - 003 — Cooling Type: Default air-cooled unitary — Cooling plant - 001

Operating Mode	Capacity	Energy Rate	Pumps	Type	Full Load Consumption
Cooling:	3.0 tons	1.3800 kW/ton	Chilled water:	None	
Heat recovery:			Condenser water:	None	
Tank charging:			Heat recovery or aux cond:	None	
Tank charging & heat recovery:			Free cooling:	None	

Heat Rejection and Thermal Storage — Equipment Options

ENTERED VALUES
PLANTS
By Honeywell Inc

Heat rejection type: Condenser fan for Heat Pump
Thermal storage type: None
T-storage capacity: 0 ton-hr
T-storage schedule: Storage

Sequencing type: Single
Demand lim priority:
Dsn chilled water delta T: 10 °F
Dsn cond water delta T: 10 °F
Hourly ambient wet bulb offset: 33999999521443€

Free clg type: None
Fluid cooler type: None
Load shed econ: no
Evap precooling: no
Hot gas reheat No

Energy source:
Reject cond heat: Heat Reject.Equip
Cond. heat to plant:
Equip schedule: Available (100%)

Reset Based On	Reset Curve	Max Reset TD
Chilled Water: None	None	0°F
Condenser Water: None	None	0°F

Equipment tag: Air-cooled unitary - 004 **Cooling Type: Default air-cooled unitary** Cooling plant - 001

Operating Mode	Capacity	Energy Rate
Cooling:	3.0 tons	1.3800 kW/ton
Heat recovery:		
Tank charging:		
Tank charging & heat recovery:		

Pumps	Type	Full Load Consumption
Chilled water:	None	
Condenser water:	None	
Heat recovery or aux cond:	None	
Free cooling:	None	

Heat Rejection and Thermal Storage — Equipment Options

Heat rejection type: Condenser fan for Heat Pump
Thermal storage type: None
T-storage capacity: 0 ton-hr
T-storage schedule: Storage

Sequencing type: Single
Demand lim priority:
Dsn chilled water delta T: 10 °F
Dsn cond water delta T: 10 °F
Hourly ambient wet bulb offset: 33999999521443€

Free clg type: None
Fluid cooler type: None
Load shed econ: no
Evap precooling: no
Hot gas reheat No

Energy source:
Reject cond heat: Heat Reject.Equip
Cond. heat to plant:
Equip schedule: Available (100%)

Reset Based On	Reset Curve	Max Reset TD
Chilled Water: None	None	0°F
Condenser Water: None	None	0°F

Heating Plant: Heating plant - 002

Sizing method: Peak
Cogeneration type: None
Secondary distribution pump: None
Thermal storage type: None
Thermal storage capacity: 0 ton-hr

Equipment tag: Electric Resistance - 001 **Heating Type: Default electric resistance** Heating plant - 002

Heating capacity:
Energy rate: 100.00 % Effic.

Thermal storage type: None
Thermal storage capacity: 0 ton-hr
Thermal storage schedule: Storage

Hot water pump type: None
Hot water pump cons: 0.00 kW

Equipment schedule: Available (100%)
Demand limiting priority:

Base Utilities

Plant assigned to:
Type:

Description:
Demand limiting priority:

Schedule:
Hourly demand:

Miscellaneous accessories

Plant assigned to:
Equipment tag:

Type:
Description:

Schedule:
Energy:

ENTERED VALUES
PLANTS
By Honeywell Inc

Cooling Plant: Cooling plant - 001

Sizing method: Peak
Heat rejection type: None
Secondary distribution pump: Var vol chill water pump
Secondary pump consumption: 10 hp
Thermal storage type: None
Thermal storage capacity: 0 ton-hr
Thermal storage schedule: Off (0%)

Geothermal Loop

TLoop Ent Bldg: None
TLoop schedule: None
Flow rate: 100.00% of condenser flow rate
Loop pump None
Pump F.L. rate: 0.00ft water
Flow scheme: Fully mixed
Loop fluid glycol: 0%
Heat exchanger approach: 0°F

Equipment tag: Air-cooled chiller - 001

Cooling Type: Default air-cooled chiller

Cooling plant - 001

Operating Mode	Capacity	Energy Rate
Cooling:	80.0 tons	1.4000 kW/ton
Heat recovery:		
Tank charging:		
Tank charging & heat recovery:		

Pumps	Type	Full Load Consumption
Chilled water:	Cnst vol chill water pump	10.00 hp
Condenser water:	None	
Heat recovery or aux cond:	None	
Free cooling:	None	

Heat Rejection and Thermal Storage

Heat rejection type: MZ packaged rooftop cond fan
Thermal storage type: None
T-storage capacity: 0 ton-hr
T-storage schedule: Storage

Equipment Options

Sequencing type: Par. Decoupled
Demand lim priority:
Dsn chilled water delta T: 10 °F
Dsn cond water delta T: 10 °F
Hourly ambient wet bulb offset: 339999995214436
Free clg type: None
Fluid cooler type: None
Load shed econ: no
Evap precooling: no
Hot gas reheat No
Energy source:
Reject cond heat: Heat Reject.Equip
Cond. heat to plant:
Equip schedule: Available (100%)

Reset Based On	Reset Curve	Max Reset TD
Chilled Water:	None	0°F
Condenser Water:	None	0°F

Equipment tag: Air-cooled chiller - 002

Cooling Type: Default air-cooled chiller

Cooling plant - 001

Operating Mode	Capacity	Energy Rate
Cooling:	60.0 tons	1.3000 kW/ton
Heat recovery:		
Tank charging:		
Tank charging & heat recovery:		

Pumps	Type	Full Load Consumption
Chilled water:	Cnst vol chill water pump	10.00 hp
Condenser water:	None	
Heat recovery or aux cond:	None	
Free cooling:	None	

Heat Rejection and Thermal Storage

Heat rejection type: MZ packaged rooftop cond fan
Thermal storage type: None
T-storage capacity: 0 ton-hr
T-storage schedule: Storage

Equipment Options

Sequencing type: Par. Decoupled
Demand lim priority:
Dsn chilled water delta T: 10 °F
Dsn cond water delta T: 10 °F
Hourly ambient wet bulb offset: 339999995214436
Free clg type: None
Fluid cooler type: None
Load shed econ: no
Evap precooling: no
Hot gas reheat No
Energy source:
Reject cond heat: Heat Reject.Equip
Cond. heat to plant:
Equip schedule: Available (100%)

Reset Based On	Reset Curve	Max Reset TD
Chilled Water:	None	0°F
Condenser Water:	None	0°F

Equipment tag: Air-cooled unitary - 003

Cooling Type: Default air-cooled unitary

Cooling plant - 001

Operating Mode	Capacity	Energy Rate
Cooling:	3.0 tons	1.3800 kW/ton
Heat recovery:		
Tank charging:		
Tank charging & heat recovery:		

Pumps	Type	Full Load Consumption
Chilled water:	None	
Condenser water:	None	
Heat recovery or aux cond:	None	
Free cooling:	None	

Heat Rejection and Thermal Storage

Equipment Options

ENTERED VALUES
PLANTS
By Honeywell Inc

Heat rejection type: Condenser fan for Heat Pump
Thermal storage type: None
T-storage capacity: 0 ton-hr
T-storage schedule: Storage

Sequencing type: Single
Demand lim priority:
Dsn chilled water delta T: 10 °F
Dsn cond water delta T: 10 °F
Hourly ambient wet bulb offset: 339999995214436

Free clg type: None
Fluid cooler type: None
Load shed econ: no
Evap precooling: no
Hot gas reheat No

Energy source:
Reject cond heat: Heat Reject.Equip
Cond. heat to plant:
Equip schedule: Available (100%)

Reset Based On	Reset Curve	Max Reset TD
Chilled Water: None	None	0°F
Condenser Water: None	None	0°F

Equipment tag: Air-cooled unitary - 004 — **Cooling Type: Default air-cooled unitary** — Cooling plant - 001

Operating Mode	Capacity	Energy Rate
Cooling:	3.0 tons	1.3800 kW/ton
Heat recovery:		
Tank charging:		
Tank charging & heat recovery:		

Pumps	Type	Full Load Consumption
Chilled water:	None	
Condenser water:	None	
Heat recovery or aux cond:	None	
Free cooling:	None	

Heat Rejection and Thermal Storage — Equipment Options

Heat rejection type: Condenser fan for Heat Pump
Thermal storage type: None
T-storage capacity: 0 ton-hr
T-storage schedule: Storage

Sequencing type: Single
Demand lim priority:
Dsn chilled water delta T: 10 °F
Dsn cond water delta T: 10 °F
Hourly ambient wet bulb offset: 339999995214436

Free clg type: None
Fluid cooler type: None
Load shed econ: no
Evap precooling: no
Hot gas reheat No

Energy source:
Reject cond heat: Heat Reject.Equip
Cond. heat to plant:
Equip schedule: Available (100%)

Reset Based On	Reset Curve	Max Reset TD
Chilled Water: None	None	0°F
Condenser Water: None	None	0°F

Heating Plant: Heating plant - 002

Sizing method: Peak
Cogeneration type: None
Secondary distribution pump: None
Thermal storage type: None
Thermal storage capacity: 0 ton-hr

Equipment tag: Electric Resistance - 001 — **Heating Type: Default electric resistance** — Heating plant - 002

Heating capacity:
Energy rate: 100.00 % Effic.

Thermal storage type: None
Thermal storage capacity: 0 ton-hr
Thermal storage schedule: Storage

Hot water pump type: None
Hot water pump cons: 0.00 kW

Equipment schedule: Available (100%)
Demand limiting priority:

Base Utilities

Plant assigned to:
Type:

Description:
Demand limiting priority:

Schedule:
Hourly demand:

Miscellaneous accessories

Plant assigned to:
Equipment tag:

Type:
Description:

Schedule:
Energy:

ENTERED VALUES
PLANTS
By Honeywell Inc

Cooling Plant: Cooling plant - 001

Sizing method: Peak
Heat rejection type: None
Secondary distribution pump: Var vol chill water pump
Secondary pump consumption: 10 hp
Thermal storage type: None
Thermal storage capacity: 0 ton-hr
Thermal storage schedule: Off (0%)

Geothermal Loop

TLoop Ent Bldg: None
TLoop schedule: None
Flow rate: 100.00% of condenser flow rate
Loop pump None
Pump F.L. rate: 0.00ft water
Flow scheme: Fully mixed
Loop fluid glycol: 0%
Heat exchanger approach: 0°F

Equipment tag: Air-cooled chiller - 001

Cooling Type: Default air-cooled chiller

Cooling plant - 001

Operating Mode	Capacity	Energy Rate
Cooling:	80.0 tons	1.4000 kW/ton
Heat recovery:		
Tank charging:		
Tank charging & heat recovery:		

Pumps	Type	Full Load Consumption
Chilled water:	Cnst vol chill water pump	10.00 hp
Condenser water:	None	
Heat recovery or aux cond:	None	
Free cooling:	None	

Heat Rejection and Thermal Storage

Heat rejection type: MZ packaged rooftop cond fan
Thermal storage type: None
T-storage capacity: 0 ton-hr
T-storage schedule: Storage

Equipment Options

Sequencing type: Par. Decoupled
Demand lim priority:
Dsn chilled water delta T: 10 °F
Dsn cond water delta T: 10 °F
Hourly ambient wet bulb offset: 339999995214436
Free clg type: None
Fluid cooler type: None
Load shed econ: no
Evap precooling: no
Hot gas reheat No
Energy source:
Reject cond heat: Heat Reject.Equip
Cond. heat to plant:
Equip schedule: Available (100%)

Reset Based On	Reset Curve	Max Reset TD
Chilled Water: None	None	0°F
Condenser Water: None	None	0°F

Equipment tag: Air-cooled chiller - 002

Cooling Type: Default air-cooled chiller

Cooling plant - 001

Operating Mode	Capacity	Energy Rate
Cooling:	60.0 tons	1.3000 kW/ton
Heat recovery:		
Tank charging:		
Tank charging & heat recovery:		

Pumps	Type	Full Load Consumption
Chilled water:	Cnst vol chill water pump	10.00 hp
Condenser water:	None	
Heat recovery or aux cond:	None	
Free cooling:	None	

Heat Rejection and Thermal Storage

Heat rejection type: MZ packaged rooftop cond fan
Thermal storage type: None
T-storage capacity: 0 ton-hr
T-storage schedule: Storage

Equipment Options

Sequencing type: Par. Decoupled
Demand lim priority:
Dsn chilled water delta T: 10 °F
Dsn cond water delta T: 10 °F
Hourly ambient wet bulb offset: 339999995214436
Free clg type: None
Fluid cooler type: None
Load shed econ: no
Evap precooling: no
Hot gas reheat No
Energy source:
Reject cond heat: Heat Reject.Equip
Cond. heat to plant:
Equip schedule: Available (100%)

Reset Based On	Reset Curve	Max Reset TD
Chilled Water: None	None	0°F
Condenser Water: None	None	0°F

Equipment tag: Air-cooled unitary - 003

Cooling Type: Default air-cooled unitary

Cooling plant - 001

Operating Mode	Capacity	Energy Rate
Cooling:	3.0 tons	1.3800 kW/ton
Heat recovery:		
Tank charging:		
Tank charging & heat recovery:		

Pumps	Type	Full Load Consumption
Chilled water:	None	
Condenser water:	None	
Heat recovery or aux cond:	None	
Free cooling:	None	

Heat Rejection and Thermal Storage

Equipment Options

ENTERED VALUES
PLANTS
By Honeywell Inc

Heat rejection type: Condenser fan for Heat Pump
Thermal storage type: None
T-storage capacity: 0 ton-hr
T-storage schedule: Storage

Sequencing type: Single
Demand lim priority:
Dsn chilled water delta T: 10 °F
Dsn cond water delta T: 10 °F
Hourly ambient wet bulb offset: 33999999521443E

Free clg type: None
Fluid cooler type: None
Load shed econ: no
Evap precooling: no
Hot gas reheat No

Energy source:
Reject cond heat: Heat Reject.Equip
Cond. heat to plant:
Equip schedule: Available (100%)

Reset Based On	Reset Curve	Max Reset TD
Chilled Water: None	None	0°F
Condenser Water: None	None	0°F

Equipment tag: Air-cooled unitary - 004 — Cooling Type: Default air-cooled unitary — Cooling plant - 001

Operating Mode	Capacity	Energy Rate
Cooling:	3.0 tons	1.3800 kW/ton
Heat recovery:		
Tank charging:		
Tank charging & heat recovery:		

Pumps Type
Chilled water: None
Condenser water: None
Heat recovery or aux cond: None
Free cooling: None

Full Load Consumption

Heat Rejection and Thermal Storage

Heat rejection type: Condenser fan for Heat Pump
Thermal storage type: None
T-storage capacity: 0 ton-hr
T-storage schedule: Storage

Sequencing type: Single
Demand lim priority:
Dsn chilled water delta T: 10 °F
Dsn cond water delta T: 10 °F
Hourly ambient wet bulb offset: 33999999521443E

Equipment Options

Free clg type: None
Fluid cooler type: None
Load shed econ: no
Evap precooling: no
Hot gas reheat No

Energy source:
Reject cond heat: Heat Reject.Equip
Cond. heat to plant:
Equip schedule: Available (100%)

Reset Based On	Reset Curve	Max Reset TD
Chilled Water: None	None	0°F
Condenser Water: None	None	0°F

Heating Plant: Heating plant - 002

Sizing method: Peak
Cogeneration type: None
Secondary distribution pump: None
Thermal storage type: None
Thermal storage capacity: 0 ton-hr

Equipment tag: Electric Resistance - 001 — Heating Type: Default electric resistance — Heating plant - 002

Heating capacity:
Energy rate: 100.00 % Effic.

Thermal storage type: None
Thermal storage capacity: 0 ton-hr
Thermal storage schedule: Storage

Hot water pump type: None
Hot water pump cons: 0.00 kW

Equipment schedule: Available (100%)
Demand limiting priority:

Base Utilities

Plant assigned to:
Type:

Description:
Demand limiting priority:

Schedule:
Hourly demand:

Miscellaneous accessories

Plant assigned to:
Equipment tag:

Type:
Description:

Schedule:
Energy:

ENTERED VALUES

ROOM ASSIGNMENTS

By Honeywell Inc

ASSIGNED ROOMS

Description
AHU 1 First FL
AHU 1 First FL
AHU 1 First FL
AHU 1 First FL
W1-R1 N
W1-R1 N
W1-R1 N
W1-R1 N
W1-R2 E
W1-R2 E
W1-R2 E
W1-R2 E
W1-R3 S
W1-R3 S
W1-R3 S
W1-R3 S
W1-R4 W
W1-R4 W
W1-R4 W
W1-R4 W
W1-R5 Int
W1-R5 Int
W1-R5 Int
W1-R5 Int
AHU Second FL
AHU Second FL
AHU Second FL
AHU Second FL
Wing 5 Fl-2 int
Wing 5 Fl-2 int
Wing 5 Fl-2 int
Wing 5 Fl-2 int
Wing R1 Fl-2
Wing R1 Fl-2
Wing R1 Fl-2
Wing R1 Fl-2
Wing R2 FL-2
Wing R2 FL-2
Wing R2 FL-2
Wing R2 FL-2
Wing R3 Fl-2
Wing R3 Fl-2
Wing R3 Fl-2
Wing R3 Fl-2
Wing R4 FL-2
Wing R4 FL-2
Wing R4 FL-2
Wing R4 FL-2
AHU Third FL
AHU Third FL
AHU Third FL
AHU Third FL
Wing 5 Fl-3 Int
Wing 5 Fl-3 Int
Wing 5 Fl-3 Int
Wing 5 Fl-3 Int
Wing R1 FL-3
Wing R1 FL-3
Wing R1 FL-3
Wing R1 FL-3
Wing R2 Fl-3
Wing R2 Fl-3
Wing R2 Fl-3
Wing R2 Fl-3
Wing R3 FL-3
Wing R3 FL-3
Wing R3 FL-3
Wing R3 FL-3
Wing R4 FL-3

ENTERED VALUES

ROOM ASSIGNMENTS

By Honeywell Inc

Wing R4 FL-3
Wing R4 FL-3
Wing R4 FL-3

ENTERED VALUES

ROOM BY ROOM

By Honeywell Inc

Room Description: W1-R1 N | **Zone Description: No Zone** | **System Description: AHU 1 First FL**

GENERAL INFORMATION

Floor Area: 1,367 ft² | Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft | Height Above Flr:
Slab Cnstr Type: 4" LW Concrete
Room Mass: Time delay based on actual mass
Ceiling R-Value: 1.786 hr·ft²·°F/Btu
Is There Carpet?: YES
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F
Design Relative Humidity: 50 %
Moisture Capacitance: None
Clg Tstat: None
Htg Tstat: None
Thermostat Location: Room | Floor Multiplier: 1
Humidistat Location: Room | Room Multiplier: 1
CO2 Sensor Location: None
Room Type: Conditioned

PEOPLE

People Type: General Office Space
# of People: 143 sq ft/person
People Sensible: 250 Btu/h
People Latent : 200 Btu/h
People Schedule: Available (100%)
Workstation: 1.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load to space
Fixture Type: RECFL-NV
% Load to RA: 20 %
Lighting Schedule: Available (100%)
Lighting Amount: 1.3 W/sq ft
Ballast Factor: 1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
N Wall	1,761 ft²	0	0	Frame Wall, No Ins	0.4376	0.90											
Opening - 1				Window			Single Clear 1/4"	440	0.95	0.95	Overhang - None	None	0.00				
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

Room Description: W1-R2 E | **Zone Description: No Zone** | **System Description: AHU 1 First FL**

GENERAL INFORMATION

Floor Area: 900 ft² | Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft | Height Above Flr:
Slab Cnstr Type: 4" LW Concrete
Room Mass: Time delay based on actual mass
Ceiling R-Value: 1.786 hr·ft²·°F/Btu
Is There Carpet?: YES
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F
Design Relative Humidity: 50 %
Moisture Capacitance: None
Clg Tstat: None
Htg Tstat: None
Thermostat Location: Room | Floor Multiplier: 1
Humidistat Location: Room | Room Multiplier: 1
CO2 Sensor Location: None
Room Type: Conditioned

PEOPLE

People Type: General Office Space
# of People: 143 sq ft/person
People Sensible: 250 Btu/h
People Latent : 200 Btu/h
People Schedule: Available (100%)
Workstation: 1.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load to space
Fixture Type: RECFL-NV
% Load to RA: 20 %
Lighting Schedule: Available (100%)
Lighting Amount: 1.3 W/sq ft
Ballast Factor: 1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
E Wall	1,200 ft²	90	0	Frame Wall, No Ins	0.4376	0.90											
Opening - 1				Window			Single Clear 1/4"	300	0.95	0.95	Overhang - None	None	0.00				
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

By Honeywell Inc

Room Description: W1-R3 S | **Zone Description: No Zone** | **System Description: AHU 1 First FL**

GENERAL INFORMATION

Floor Area: 1,367 ft² | Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft | Height Above Flr:
Slab Cnstr Type: 4" LW Concrete
Room Mass: Time delay based on actual mass
Ceiling R-Value: 1.786 hr·ft²·°F/Btu
Is There Carpet?: YES
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F
Design Relative Humidity: 50 %
Moisture Capacitance: None
Clg Tstat: None
Htg Tstat: None
Thermostat Location: Room | Floor Multiplier: 1
Humidistat Location: Room | Room Multiplier: 1
CO2 Sensor Location: None
Room Type: Conditioned

PEOPLE

People Type: General Office Space
# of People: 143 sq ft/person
People Sensible: 250 Btu/h
People Latent : 200 Btu/h
People Schedule: Available (100%)
Workstation: 1.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load to space
Fixture Type: RECFL-NV
% Load to RA: 20 %
Lighting Schedule: Available (100%)
Lighting Amount: 1.3 W/sq ft
Ballast Factor: 1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
S Wall	1,761 ft²	180	0	Frame Wall, No Ins	0.4376	0.90											
Opening - 1				Window			Single Clear 1/4*	440	0.95	0.95	Overhang - None	None	0.00				
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

Room Description: W1-R4 W | **Zone Description: No Zone** | **System Description: AHU 1 First FL**

GENERAL INFORMATION

Floor Area: 900 ft² | Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft | Height Above Flr:
Slab Cnstr Type: 4" LW Concrete
Room Mass: Time delay based on actual mass
Ceiling R-Value: 1.786 hr·ft²·°F/Btu
Is There Carpet?: YES
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F
Design Relative Humidity: 50 %
Moisture Capacitance: None
Clg Tstat: None
Htg Tstat: None
Thermostat Location: Room | Floor Multiplier: 1
Humidistat Location: Room | Room Multiplier: 1
CO2 Sensor Location: None
Room Type: Conditioned

PEOPLE

People Type: General Office Space
# of People: 143 sq ft/person
People Sensible: 250 Btu/h
People Latent : 200 Btu/h
People Schedule: Available (100%)
Workstation: 1.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load to space
Fixture Type: RECFL-NV
% Load to RA: 20 %
Lighting Schedule: Available (100%)
Lighting Amount: 1.3 W/sq ft
Ballast Factor: 1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
W Wall	1,200 ft²	270	0	Frame Wall, No Ins	0.4376	0.90											
Opening - 1				Window			Single Clear 1/4*	300	0.95	0.95	Overhang - None	None	0.00				
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

By Honeywell Inc

Room Description: W1-R5 Int | **Zone Description: No Zone** | **System Description: AHU 1 First FL**

GENERAL INFORMATION

Floor Area: 10,138 ft² Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft Height Above Flr:
Slab Cnstr Type: 4" LW Concrete
Room Mass: Time delay based on actual mass
Ceiling R-Value: 1.786 hr·ft²·°F/Btu
Is There Carpet?: YES
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F
Design Relative Humidity: 50 %
Moisture Capacitance: None
Clg Tstat: None
Htg Tstat: None

Thermostat Location: Room Floor Multiplier: 1
Humidistat Location: Room Room Multiplier: 1
CO2 Sensor Location: None
Room Type: Conditioned

PEOPLE

People Type: General Office Space
# of People: 143 sq ft/person
People Sensible: 250 Btu/h
People Latent : 200 Btu/h
People Schedule: Available (100%)

Workstation: 1.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load to space
Fixture Type: RECFL-NV
% Load to RA: 20 %
Lighting Schedule: Available (100%)
Lighting Amount: 1.3 W/sq ft
Ballast Factor: 1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass: Type / Energy Type	Glass: Area ft²	Glass: Shade Coef	Glass: U Value Btu/h·ft²·°F	Glass: External Shading	Glass: Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

Room Description: Wing 5 Fl-2 int | **Zone Description: No Zone** | **System Description: AHU Second Fl**

GENERAL INFORMATION

Floor Area: 10,138 ft² Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft Height Above Flr:
Slab Cnstr Type: 4" LW Concrete
Room Mass: Time delay based on actual mass
Ceiling R-Value: 1.786 hr·ft²·°F/Btu
Is There Carpet?: YES
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F
Design Relative Humidity: 50 %
Moisture Capacitance: None
Clg Tstat: None
Htg Tstat: None

Thermostat Location: Room Floor Multiplier: 1
Humidistat Location: Room Room Multiplier: 1
CO2 Sensor Location: None
Room Type: Conditioned

PEOPLE

People Type: General Office Space
# of People: 143 sq ft/person
People Sensible: 250 Btu/h
People Latent : 200 Btu/h
People Schedule: Available (100%)

Workstation: 1.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load to space
Fixture Type: RECFL-NV
% Load to RA: 20 %
Lighting Schedule: Available (100%)
Lighting Amount: 1.3 W/sq ft
Ballast Factor: 1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass: Type / Energy Type	Glass: Area ft²	Glass: Shade Coef	Glass: U Value Btu/h·ft²·°F	Glass: External Shading	Glass: Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

By Honeywell Inc

Room Description: Wing R1 Fl-2 | **Zone Description: No Zone** | **System Description: AHU Second FL**

GENERAL INFORMATION

Floor Area: 1,367 ft² Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft Height Above Flr:
Slab Cnstr Type: 4" LW Concrete
Room Mass: Time delay based on actual mass
Ceiling R-Value: 1.786 hr·ft²·°F/Btu
Is There Carpet?: YES
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F
Design Relative Humidity: 50 %
Moisture Capacitance: None
Clg Tstat: None
Htg Tstat: None
Thermostat Location: Room Floor Multiplier: 1
Humidistat Location: Room Room Multiplier: 1
CO2 Sensor Location: None
Room Type: Conditioned

PEOPLE

People Type: General Office Space
# of People: 143 sq ft/person
People Sensible: 250 Btu/h
People Latent : 200 Btu/h
People Schedule: Available (100%)
Workstation: 1.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load to space
Fixture Type: RECFL-NV
% Load to RA: 20 %
Lighting Schedule: Available (100%)
Lighting Amount: 1.3 W/sq ft
Ballast Factor: 1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
N Wall	1,761 ft²	0	0	Frame Wall, No Ins	0.4376	0.90											
Opening - 1				Window			Single Clear 1/4"	440	0.95	0.95	Overhang - None	None	0.00				
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

Room Description: Wing R2 FL-2 | **Zone Description: No Zone** | **System Description: AHU Second FL**

GENERAL INFORMATION

Floor Area: 900 ft² Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft Height Above Flr:
Slab Cnstr Type: 4" LW Concrete
Room Mass: Time delay based on actual mass
Ceiling R-Value: 1.786 hr·ft²·°F/Btu
Is There Carpet?: YES
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F
Design Relative Humidity: 50 %
Moisture Capacitance: None
Clg Tstat: None
Htg Tstat: None
Thermostat Location: Room Floor Multiplier: 1
Humidistat Location: Room Room Multiplier: 1
CO2 Sensor Location: None
Room Type: Conditioned

PEOPLE

People Type: General Office Space
# of People: 143 sq ft/person
People Sensible: 250 Btu/h
People Latent : 200 Btu/h
People Schedule: Available (100%)
Workstation: 1.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load to space
Fixture Type: RECFL-NV
% Load to RA: 20 %
Lighting Schedule: Available (100%)
Lighting Amount: 1.3 W/sq ft
Ballast Factor: 1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
E Wall	1,200 ft²	90	0	Frame Wall, No Ins	0.4376	0.90											
Opening - 1				Window			Single Clear 1/4"	300	0.95	0.95	Overhang - None	None	0.00				
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

By Honeywell Inc

Room Description: Wing R3 Fl-2 | **Zone Description: No Zone** | **System Description: AHU Second FL**

GENERAL INFORMATION

Floor Area: 1,367 ft² Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft Height Above Flr:
Slab Cnstr Type: 4" LW Concrete
Room Mass: Time delay based on actual mass
Ceiling R-Value: 1.786 hr·ft²·°F/Btu
Is There Carpet?: YES
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F
Design Relative Humidity: 50 %
Moisture Capacitance: None
Clg Tstat: None
Htg Tstat: None
Thermostat Location: Room Floor Multiplier: 1
Humidistat Location: Room Room Multiplier: 1
CO2 Sensor Location: None
Room Type: Conditioned

PEOPLE

People Type: General Office Space
# of People: 143 sq ft/person
People Sensible: 250 Btu/h
People Latent : 200 Btu/h
People Schedule: Available (100%)
Workstation: 1.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load to space
Fixture Type: RECFL-NV
% Load to RA: 20 %
Lighting Schedule: Available (100%)
Lighting Amount: 1.3 W/sq ft
Ballast Factor: 1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass: Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
S Wall	1,761 ft²	180	0	Frame Wall, No Ins	0.4376	0.90											
Opening - 1				Window			Single Clear 1/4"	440	0.95	0.95	Overhang - None	None	0.00				
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

Room Description: Wing R4 FL-2 | **Zone Description: No Zone** | **System Description: AHU Second FL**

GENERAL INFORMATION

Floor Area: 900 ft² Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft Height Above Flr:
Slab Cnstr Type: 4" LW Concrete
Room Mass: Time delay based on actual mass
Ceiling R-Value: 1.786 hr·ft²·°F/Btu
Is There Carpet?: YES
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F
Design Relative Humidity: 50 %
Moisture Capacitance: None
Clg Tstat: None
Htg Tstat: None
Thermostat Location: Room Floor Multiplier: 1
Humidistat Location: Room Room Multiplier: 1
CO2 Sensor Location: None
Room Type: Conditioned

PEOPLE

People Type: General Office Space
# of People: 143 sq ft/person
People Sensible: 250 Btu/h
People Latent : 200 Btu/h
People Schedule: Available (100%)
Workstation: 1.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load to space
Fixture Type: RECFL-NV
% Load to RA: 20 %
Lighting Schedule: Available (100%)
Lighting Amount: 1.3 W/sq ft
Ballast Factor: 1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass: Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
W Wall	1,200 ft²	270	0	Frame Wall, No Ins	0.4376	0.90											
Opening - 1				Window			Single Clear 1/4"	300	0.95	0.95	Overhang - None	None	0.00				
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

By Honeywell Inc

Room Description: Wing 5 FI-3 Int | **Zone Description: No Zone** | **System Description: AHU Third FL**

GENERAL INFORMATION

Floor Area: 10,138 ft² Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft Height Above Flr:
Slab Cnstr Type: 4" LW Concrete
Room Mass: Time delay based on actual mass
Ceiling R-Value: 1.786 hr·ft²·°F/Btu
Is There Carpet?: YES
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F
Design Relative Humidity: 50 %
Moisture Capacitance: None
Clg Tstat: None
Htg Tstat: None
Thermostat Location: Room Floor Multiplier: 1
Humidistat Location: Room Room Multiplier: 1
CO2 Sensor Location: None
Room Type: Conditioned

PEOPLE

People Type: General Office Space
# of People: 143 sq ft/person
People Sensible: 250 Btu/h
People Latent : 200 Btu/h
People Schedule: Available (100%)
Workstation: 1.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load to space
Fixture Type: RECFL-NV
% Load to RA: 20 %
Lighting Schedule: Available (100%)
Lighting Amount: 1.3 W/sq ft
Ballast Factor: 1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass Type / Energy Type	Glass Area ft²	Glass Shade Coef	Glass U Value Btu/h·ft²·°F	Glass External Shading	Glass Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
Roof - 1	10,138 ft²	0	90	4" LW Conc	0.2135	0.90		0			Overhang - None	None					
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

Room Description: Wing R1 FL-3 | **Zone Description: No Zone** | **System Description: AHU Third FL**

GENERAL INFORMATION

Floor Area: 1,367 ft² Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft Height Above Flr:
Slab Cnstr Type: 4" LW Concrete
Room Mass: Time delay based on actual mass
Ceiling R-Value: 1.786 hr·ft²·°F/Btu
Is There Carpet?: YES
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F
Design Relative Humidity: 50 %
Moisture Capacitance: None
Clg Tstat: None
Htg Tstat: None
Thermostat Location: Room Floor Multiplier: 1
Humidistat Location: Room Room Multiplier: 1
CO2 Sensor Location: None
Room Type: Conditioned

PEOPLE

People Type: General Office Space
# of People: 143 sq ft/person
People Sensible: 250 Btu/h
People Latent : 200 Btu/h
People Schedule: Available (100%)
Workstation: 1.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load to space
Fixture Type: RECFL-NV
% Load to RA: 20 %
Lighting Schedule: Available (100%)
Lighting Amount: 1.3 W/sq ft
Ballast Factor: 1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass Type / Energy Type	Glass Area ft²	Glass Shade Coef	Glass U Value Btu/h·ft²·°F	Glass External Shading	Glass Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
Roof - 1	1,367 ft²	0	90	4" LW Conc	0.2135	0.90		0			Overhang - None	None					
N Wall	1,761 ft²	0	0	Frame Wall, No Ins	0.4376	0.90											
Opening - 1				Window			Single Clear 1/4"	440	0.95	0.95	Overhang - None	None	0.00				
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

By Honeywell Inc

Room Description: Wing R2 Fl-3 | **Zone Description: No Zone** | **System Description: AHU Third FL**

GENERAL INFORMATION

Floor Area:	900 ft²	Flr-Flr Height:	12.0 ft
Plenum Height:	3.0 ft	Height Above Flr:	
Slab Cnstr Type:	4" LW Concrete		
Room Mass:	Time delay based on actual mass		
Ceiling R-Value:	1.786 hr·ft²·°F/Btu		
Is There Carpet?:	YES		
Design Clg DB / Drift Point:	75.0 °F / 81.0 °F		
Design Htg DB / Drift Point:	70.0 °F / 64.0 °F		
Design Relative Humidity:	50 %		
Moisture Capacitance:	None		
Clg Tstat:	None		
Htg Tstat:	None		
Thermostat Location:	Room	Floor Multiplier:	1
Humidistat Location:	Room	Room Multiplier:	1
CO2 Sensor Location:	None		
Room Type:	Conditioned		

PEOPLE

People Type:	General Office Space
# of People:	143 sq ft/person
People Sensible:	250 Btu/h
People Latent :	200 Btu/h
People Schedule:	Available (100%)
Workstation:	1.0 workstation/person

LIGHTS

Lighting Type:	Recessed fluorescent, not vented, 80% load to space
Fixture Type:	RECFL-NV
% Load to RA:	20 %
Lighting Schedule:	Available (100%)
Lighting Amount:	1.3 W/sq ft
Ballast Factor:	1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass: Type / Energy Type	Glass: Area ft²	Glass: Shade Coef	Glass: U Value Btu/h·ft²·°F	Glass: External Shading	Glass: Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
Roof - 1	900 ft²	0	90	4" LW Conc	0.2135	0.90		0			Overhang - None	None					
E Wall	1,200 ft²	90	0	Frame Wall, No Ins	0.4376	0.90											
Opening - 1				Window			Single Clear 1/4"	300	0.95	0.95	Overhang - None	None	0.00				
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

By Honeywell Inc

Room Description: Wing R3 FL-3 | **Zone Description: No Zone** | **System Description: AHU Third FL**

GENERAL INFORMATION

Floor Area:	1,367 ft²	Flr-Flr Height:	12.0 ft
Plenum Height:	3.0 ft	Height Above Flr:	
Slab Cnstr Type:	4" LW Concrete		
Room Mass:	Time delay based on actual mass		
Ceiling R-Value:	1.786 hr·ft²·°F/Btu		
Is There Carpet?:	YES		
Design Clg DB / Drift Point:	75.0 °F / 81.0 °F		
Design Htg DB / Drift Point:	70.0 °F / 64.0 °F		
Design Relative Humidity:	50 %		
Moisture Capacitance:	None		
Clg Tstat:	None		
Htg Tstat:	None		
Thermostat Location:	Room	Floor Multiplier:	1
Humidistat Location:	Room	Room Multiplier:	1
CO2 Sensor Location:	None		
Room Type:	Conditioned		

PEOPLE

People Type:	General Office Space
# of People:	143 sq ft/person
People Sensible:	250 Btu/h
People Latent :	200 Btu/h
People Schedule:	Available (100%)
Workstation:	1.0 workstation/person

LIGHTS

Lighting Type:	Recessed fluorescent, not vented, 80% load to space
Fixture Type:	RECFL-NV
% Load to RA:	20 %
Lighting Schedule:	Available (100%)
Lighting Amount:	1.3 W/sq ft
Ballast Factor:	1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass: Type / Energy Type	Glass: Area ft²	Glass: Shade Coef	Glass: U Value Btu/h·ft²·°F	Glass: External Shading	Glass: Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
Roof - 1	1,367 ft²	0	90	4" LW Conc	0.2135	0.90		0			Overhang - None	None					
S Wall	1,761 ft²	180	0	Frame Wall, No Ins	0.4376	0.90											
Opening - 1				Window			Single Clear 1/4"	440	0.95	0.95	Overhang - None	None	0.00				
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

By Honeywell Inc

Room Description: Wing R4 FL-3 | **Zone Description: No Zone** | **System Description: AHU Third FL**

GENERAL INFORMATION

Floor Area:	900 ft²	Flr-Flr Height:	12.0 ft
Plenum Height:	3.0 ft	Height Above Flr:	
Slab Cnstr Type:	4" LW Concrete		
Room Mass:	Time delay based on actual mass		
Ceiling R-Value:	1.786 hr·ft²·°F/Btu		
Is There Carpet?:	YES		
Design Clg DB / Drift Point:	75.0 °F / 81.0 °F		
Design Htg DB / Drift Point:	70.0 °F / 64.0 °F		
Design Relative Humidity:	50 %		
Moisture Capacitance:	None		
Clg Tstat:	None		
Htg Tstat:	None		
Thermostat Location:	Room	Floor Multiplier:	1
Humidistat Location:	Room	Room Multiplier:	1
CO2 Sensor Location:	None		
Room Type:	Conditioned		

PEOPLE

People Type:	General Office Space
# of People:	143 sq ft/person
People Sensible:	250 Btu/h
People Latent :	200 Btu/h
People Schedule:	Available (100%)
Workstation:	1.0 workstation/person

LIGHTS

Lighting Type:	Recessed fluorescent, not vented, 80% load to space
Fixture Type:	RECFL-NV
% Load to RA:	20 %
Lighting Schedule:	Available (100%)
Lighting Amount:	1.3 W/sq ft
Ballast Factor:	1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass Type / Energy Type	Glass Area ft²	Glass Shade Coef	Glass U Value Btu/h·ft²·°F	Glass External Shading	Glass Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
Roof - 1	900 ft²	0	90	4" LW Conc	0.2135	0.90		0			Overhang - None	None					
W Wall	1,200 ft²	270	0	Frame Wall, No Ins	0.4376	0.90											
Opening - 1				Window			Single Clear 1/4"	300	0.95	0.95	Overhang - None	None	0.00				
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

By Honeywell Inc

Room Description: W1-R1 N | **Zone Description: No Zone** | **System Description: AHU 1 First FL**

GENERAL INFORMATION

Floor Area: 1,367 ft² Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft Height Above Flr:
Slab Cnstr Type: 4" LW Concrete
Room Mass: Time delay based on actual mass
Ceiling R-Value: 1.786 hr·ft²·°F/Btu
Is There Carpet?: YES
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F
Design Relative Humidity: 50 %
Moisture Capacitance: None
Clg Tstat: None
Htg Tstat: None
Thermostat Location: Room Floor Multiplier: 1
Humidistat Location: Room Room Multiplier: 1
CO2 Sensor Location: None
Room Type: Conditioned

PEOPLE

People Type: General Office Space
# of People: 143 sq ft/person
People Sensible: 250 Btu/h
People Latent : 200 Btu/h
People Schedule: Available (100%)
Workstation: 1.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load to space
Fixture Type: RECFL-NV
% Load to RA: 20 %
Lighting Schedule: Available (100%)
Lighting Amount: 1.1 W/sq ft
Ballast Factor: 1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
N Wall	1,761 ft²	0	0	Frame Wall, No Ins	0.4376	0.90											
Opening - 1				Window			Single Clear 1/4"	440	0.95	0.95	Overhang - None	None	0.00				
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

Room Description: W1-R2 E | **Zone Description: No Zone** | **System Description: AHU 1 First FL**

GENERAL INFORMATION

Floor Area: 900 ft² Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft Height Above Flr:
Slab Cnstr Type: 4" LW Concrete
Room Mass: Time delay based on actual mass
Ceiling R-Value: 1.786 hr·ft²·°F/Btu
Is There Carpet?: YES
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F
Design Relative Humidity: 50 %
Moisture Capacitance: None
Clg Tstat: None
Htg Tstat: None
Thermostat Location: Room Floor Multiplier: 1
Humidistat Location: Room Room Multiplier: 1
CO2 Sensor Location: None
Room Type: Conditioned

PEOPLE

People Type: General Office Space
# of People: 143 sq ft/person
People Sensible: 250 Btu/h
People Latent : 200 Btu/h
People Schedule: Available (100%)
Workstation: 1.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load to space
Fixture Type: RECFL-NV
% Load to RA: 20 %
Lighting Schedule: Available (100%)
Lighting Amount: 1.1 W/sq ft
Ballast Factor: 1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
E Wall	1,200 ft²	90	0	Frame Wall, No Ins	0.4376	0.90											
Opening - 1				Window			Single Clear 1/4"	300	0.95	0.95	Overhang - None	None	0.00				
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

By Honeywell Inc

Room Description: W1-R3 S | **Zone Description: No Zone** | **System Description: AHU 1 First FL**

GENERAL INFORMATION

Floor Area: 1,367 ft² Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft Height Above Flr:
Slab Cnstr Type: 4" LW Concrete
Room Mass: Time delay based on actual mass
Ceiling R-Value: 1.786 hr·ft²·°F/Btu
Is There Carpet?: YES
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F
Design Relative Humidity: 50 %
Moisture Capacitance: None
Clg Tstat: None
Htg Tstat: None
Thermostat Location: Room Floor Multiplier: 1
Humidistat Location: Room Room Multiplier: 1
CO2 Sensor Location: None
Room Type: Conditioned

PEOPLE

People Type: General Office Space
# of People: 143 sq ft/person
People Sensible: 250 Btu/h
People Latent : 200 Btu/h
People Schedule: Available (100%)
Workstation: 1.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load to space
Fixture Type: RECFL-NV
% Load to RA: 20 %
Lighting Schedule: Available (100%)
Lighting Amount: 1.1 W/sq ft
Ballast Factor: 1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
S Wall	1,761 ft²	180	0	Frame Wall, No Ins	0.4376	0.90											
Opening - 1				Window			Single Clear 1/4"	440	0.95	0.95	Overhang - None	None	0.00				
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

Room Description: W1-R4 W | **Zone Description: No Zone** | **System Description: AHU 1 First FL**

GENERAL INFORMATION

Floor Area: 900 ft² Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft Height Above Flr:
Slab Cnstr Type: 4" LW Concrete
Room Mass: Time delay based on actual mass
Ceiling R-Value: 1.786 hr·ft²·°F/Btu
Is There Carpet?: YES
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F
Design Relative Humidity: 50 %
Moisture Capacitance: None
Clg Tstat: None
Htg Tstat: None
Thermostat Location: Room Floor Multiplier: 1
Humidistat Location: Room Room Multiplier: 1
CO2 Sensor Location: None
Room Type: Conditioned

PEOPLE

People Type: General Office Space
# of People: 143 sq ft/person
People Sensible: 250 Btu/h
People Latent : 200 Btu/h
People Schedule: Available (100%)
Workstation: 1.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load to space
Fixture Type: RECFL-NV
% Load to RA: 20 %
Lighting Schedule: Available (100%)
Lighting Amount: 1.1 W/sq ft
Ballast Factor: 1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
W Wall	1,200 ft²	270	0	Frame Wall, No Ins	0.4376	0.90											
Opening - 1				Window			Single Clear 1/4"	300	0.95	0.95	Overhang - None	None	0.00				
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

By Honeywell Inc

Room Description: W1-R5 Int | **Zone Description: No Zone** | **System Description: AHU 1 First FL**

GENERAL INFORMATION

Floor Area:	10,138 ft²	Flr-Flr Height:	12.0 ft
Plenum Height:	3.0 ft	Height Above Flr:	
Slab Cnstr Type:	4" LW Concrete		
Room Mass:	Time delay based on actual mass		
Ceiling R-Value:	1.786 hr·ft²·°F/Btu		
Is There Carpet?:	YES		
Design Clg DB / Drift Point:	75.0 °F / 81.0 °F		
Design Htg DB / Drift Point:	70.0 °F / 64.0 °F		
Design Relative Humidity:	50 %		
Moisture Capacitance:	None		
Clg Tstat:	None		
Htg Tstat:	None		
Thermostat Location:	Room	Floor Multiplier:	1
Humidistat Location:	Room	Room Multiplier:	1
CO2 Sensor Location:	None		
Room Type:	Conditioned		

PEOPLE

People Type:	General Office Space
# of People:	143 sq ft/person
People Sensible:	250 Btu/h
People Latent :	200 Btu/h
People Schedule:	Available (100%)
Workstation:	1.0 workstation/person

LIGHTS

Lighting Type:	Recessed fluorescent, not vented, 80% load to space
Fixture Type:	RECFL-NV
% Load to RA:	20 %
Lighting Schedule:	Available (100%)
Lighting Amount:	1.1 W/sq ft
Ballast Factor:	1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass: Type / Energy Type	Glass: Area ft²	Glass: Shade Coef	Glass: U Value Btu/h·ft²·°F	Glass: External Shading	Glass: Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

Room Description: Wing 5 Fl-2 int | **Zone Description: No Zone** | **System Description: AHU Second FL**

GENERAL INFORMATION

Floor Area:	10,138 ft²	Flr-Flr Height:	12.0 ft
Plenum Height:	3.0 ft	Height Above Flr:	
Slab Cnstr Type:	4" LW Concrete		
Room Mass:	Time delay based on actual mass		
Ceiling R-Value:	1.786 hr·ft²·°F/Btu		
Is There Carpet?:	YES		
Design Clg DB / Drift Point:	75.0 °F / 81.0 °F		
Design Htg DB / Drift Point:	70.0 °F / 64.0 °F		
Design Relative Humidity:	50 %		
Moisture Capacitance:	None		
Clg Tstat:	None		
Htg Tstat:	None		
Thermostat Location:	Room	Floor Multiplier:	1
Humidistat Location:	Room	Room Multiplier:	1
CO2 Sensor Location:	None		
Room Type:	Conditioned		

PEOPLE

People Type:	General Office Space
# of People:	143 sq ft/person
People Sensible:	250 Btu/h
People Latent :	200 Btu/h
People Schedule:	Available (100%)
Workstation:	1.0 workstation/person

LIGHTS

Lighting Type:	Recessed fluorescent, not vented, 80% load to space
Fixture Type:	RECFL-NV
% Load to RA:	20 %
Lighting Schedule:	Available (100%)
Lighting Amount:	1.1 W/sq ft
Ballast Factor:	1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass: Type / Energy Type	Glass: Area ft²	Glass: Shade Coef	Glass: U Value Btu/h·ft²·°F	Glass: External Shading	Glass: Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

By Honeywell Inc

Room Description: Wing R1 Fl-2 | **Zone Description: No Zone** | **System Description: AHU Second FL**

GENERAL INFORMATION

Floor Area: 1,367 ft² Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft Height Above Flr:
Slab Cnstr Type: 4" LW Concrete
Room Mass: Time delay based on actual mass
Ceiling R-Value: 1.786 hr·ft²·°F/Btu
Is There Carpet?: YES
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F
Design Relative Humidity: 50 %
Moisture Capacitance: None
Clg Tstat: None
Htg Tstat: None

Thermostat Location: Room Floor Multiplier: 1
Humidistat Location: Room Room Multiplier: 1
CO2 Sensor Location: None
Room Type: Conditioned

PEOPLE

People Type: General Office Space
# of People: 143 sq ft/person
People Sensible: 250 Btu/h
People Latent : 200 Btu/h
People Schedule: Available (100%)

Workstation: 1.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load to space
Fixture Type: RECFL-NV
% Load to RA: 20 %
Lighting Schedule: Available (100%)
Lighting Amount: 1.1 W/sq ft
Ballast Factor: 1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
N Wall	1,761 ft²	0	0	Frame Wall, No Ins	0.4376	0.90											
Opening - 1				Window			Single Clear 1/4"	440	0.95	0.95	Overhang - None	None	0.00				
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

Room Description: Wing R2 FL-2 | **Zone Description: No Zone** | **System Description: AHU Second FL**

GENERAL INFORMATION

Floor Area: 900 ft² Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft Height Above Flr:
Slab Cnstr Type: 4" LW Concrete
Room Mass: Time delay based on actual mass
Ceiling R-Value: 1.786 hr·ft²·°F/Btu
Is There Carpet?: YES
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F
Design Relative Humidity: 50 %
Moisture Capacitance: None
Clg Tstat: None
Htg Tstat: None

Thermostat Location: Room Floor Multiplier: 1
Humidistat Location: Room Room Multiplier: 1
CO2 Sensor Location: None
Room Type: Conditioned

PEOPLE

People Type: General Office Space
# of People: 143 sq ft/person
People Sensible: 250 Btu/h
People Latent : 200 Btu/h
People Schedule: Available (100%)

Workstation: 1.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load to space
Fixture Type: RECFL-NV
% Load to RA: 20 %
Lighting Schedule: Available (100%)
Lighting Amount: 1.1 W/sq ft
Ballast Factor: 1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
E Wall	1,200 ft²	90	0	Frame Wall, No Ins	0.4376	0.90											
Opening - 1				Window			Single Clear 1/4"	300	0.95	0.95	Overhang - None	None	0.00				
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

By Honeywell Inc

Room Description: Wing R3 Fl-2 | **Zone Description: No Zone** | **System Description: AHU Second FL**

GENERAL INFORMATION

Floor Area: 1,367 ft² Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft Height Above Flr:
Slab Cnstr Type: 4" LW Concrete
Room Mass: Time delay based on actual mass
Ceiling R-Value: 1.786 hr·ft²·°F/Btu
Is There Carpet?: YES
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F
Design Relative Humidity: 50 %
Moisture Capacitance: None
Clg Tstat: None
Htg Tstat: None
Thermostat Location: Room Floor Multiplier: 1
Humidistat Location: Room Room Multiplier: 1
CO2 Sensor Location: None
Room Type: Conditioned

PEOPLE

People Type: General Office Space
# of People: 143 sq ft/person
People Sensible: 250 Btu/h
People Latent : 200 Btu/h
People Schedule: Available (100%)
Workstation: 1.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load to space
Fixture Type: RECFL-NV
% Load to RA: 20 %
Lighting Schedule: Available (100%)
Lighting Amount: 1.1 W/sq ft
Ballast Factor: 1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass: Type / Energy Type	Glass: Area ft²	Glass: Shade Coef	Glass: U Value Btu/h·ft²·°F	Glass: External Shading	Glass: Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
S Wall	1,761 ft²	180	0	Frame Wall, No Ins	0.4376	0.90											
Opening - 1				Window			Single Clear 1/4"	440	0.95	0.95	Overhang - None	None	0.00				
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

Room Description: Wing R4 FL-2 | **Zone Description: No Zone** | **System Description: AHU Second FL**

GENERAL INFORMATION

Floor Area: 900 ft² Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft Height Above Flr:
Slab Cnstr Type: 4" LW Concrete
Room Mass: Time delay based on actual mass
Ceiling R-Value: 1.786 hr·ft²·°F/Btu
Is There Carpet?: YES
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F
Design Relative Humidity: 50 %
Moisture Capacitance: None
Clg Tstat: None
Htg Tstat: None
Thermostat Location: Room Floor Multiplier: 1
Humidistat Location: Room Room Multiplier: 1
CO2 Sensor Location: None
Room Type: Conditioned

PEOPLE

People Type: General Office Space
# of People: 143 sq ft/person
People Sensible: 250 Btu/h
People Latent : 200 Btu/h
People Schedule: Available (100%)
Workstation: 1.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load to space
Fixture Type: RECFL-NV
% Load to RA: 20 %
Lighting Schedule: Available (100%)
Lighting Amount: 1.1 W/sq ft
Ballast Factor: 1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass: Type / Energy Type	Glass: Area ft²	Glass: Shade Coef	Glass: U Value Btu/h·ft²·°F	Glass: External Shading	Glass: Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
W Wall	1,200 ft²	270	0	Frame Wall, No Ins	0.4376	0.90											
Opening - 1				Window			Single Clear 1/4"	300	0.95	0.95	Overhang - None	None	0.00				
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

By Honeywell Inc

Room Description: Wing 5 Fl-3 Int | **Zone Description: No Zone** | **System Description: AHU Third FL**

GENERAL INFORMATION

Floor Area: 10,138 ft² Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft Height Above Flr:
Slab Cnstr Type: 4" LW Concrete
Room Mass: Time delay based on actual mass
Ceiling R-Value: 1.786 hr·ft²·°F/Btu
Is There Carpet?: YES
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F
Design Relative Humidity: 50 %
Moisture Capacitance: None
Clg Tstat: None
Htg Tstat: None
Thermostat Location: Room Floor Multiplier: 1
Humidistat Location: Room Room Multiplier: 1
CO2 Sensor Location: None
Room Type: Conditioned

PEOPLE

People Type: General Office Space
# of People: 143 sq ft/person
People Sensible: 250 Btu/h
People Latent : 200 Btu/h
People Schedule: Available (100%)
Workstation: 1.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load to space
Fixture Type: RECFL-NV
% Load to RA: 20 %
Lighting Schedule: Available (100%)
Lighting Amount: 1.1 W/sq ft
Ballast Factor: 1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass Type / Energy Type	Glass Area ft²	Glass Shade Coef	Glass U Value Btu/h·ft²·°F	Glass External Shading	Glass Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
Roof - 1	10,138 ft²	0	90	4" LW Conc	0.2135	0.90		0			Overhang - None	None					
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

Room Description: Wing R1 FL-3 | **Zone Description: No Zone** | **System Description: AHU Third FL**

GENERAL INFORMATION

Floor Area: 1,367 ft² Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft Height Above Flr:
Slab Cnstr Type: 4" LW Concrete
Room Mass: Time delay based on actual mass
Ceiling R-Value: 1.786 hr·ft²·°F/Btu
Is There Carpet?: YES
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F
Design Relative Humidity: 50 %
Moisture Capacitance: None
Clg Tstat: None
Htg Tstat: None
Thermostat Location: Room Floor Multiplier: 1
Humidistat Location: Room Room Multiplier: 1
CO2 Sensor Location: None
Room Type: Conditioned

PEOPLE

People Type: General Office Space
# of People: 143 sq ft/person
People Sensible: 250 Btu/h
People Latent : 200 Btu/h
People Schedule: Available (100%)
Workstation: 1.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load to space
Fixture Type: RECFL-NV
% Load to RA: 20 %
Lighting Schedule: Available (100%)
Lighting Amount: 1.1 W/sq ft
Ballast Factor: 1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass Type / Energy Type	Glass Area ft²	Glass Shade Coef	Glass U Value Btu/h·ft²·°F	Glass External Shading	Glass Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
Roof - 1	1,367 ft²	0	90	4" LW Conc	0.2135	0.90		0			Overhang - None	None					
N Wall	1,761 ft²	0	0	Frame Wall, No Ins	0.4376	0.90											
Opening - 1				Window			Single Clear 1/4"	440	0.95	0.95	Overhang - None	None	0.00				
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

By Honeywell Inc

Room Description: Wing R2 Fl-3 | **Zone Description: No Zone** | **System Description: AHU Third FL**

GENERAL INFORMATION

Floor Area:	900 ft²	Flr-Flr Height:	12.0 ft
Plenum Height:	3.0 ft	Height Above Flr:	
Slab Cnstr Type:	4" LW Concrete		
Room Mass:	Time delay based on actual mass		
Ceiling R-Value:	1.786 hr·ft²·°F/Btu		
Is There Carpet?:	YES		
Design Clg DB / Drift Point:	75.0 °F / 81.0 °F		
Design Htg DB / Drift Point:	70.0 °F / 64.0 °F		
Design Relative Humidity:	50 %		
Moisture Capacitance:	None		
Clg Tstat:	None		
Htg Tstat:	None		
Thermostat Location:	Room	Floor Multiplier:	1
Humidistat Location:	Room	Room Multiplier:	1
CO2 Sensor Location:	None		
Room Type:	Conditioned		

PEOPLE

People Type:	General Office Space
# of People:	143 sq ft/person
People Sensible:	250 Btu/h
People Latent :	200 Btu/h
People Schedule:	Available (100%)
Workstation:	1.0 workstation/person

LIGHTS

Lighting Type:	Recessed fluorescent, not vented, 80% load to space
Fixture Type:	RECFL-NV
% Load to RA:	20 %
Lighting Schedule:	Available (100%)
Lighting Amount:	1.1 W/sq ft
Ballast Factor:	1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass Type / Energy Type	Glass Area ft²	Glass Shade Coef	Glass U Value Btu/h·ft²·°F	External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
Roof - 1	900 ft²	0	90	4" LW Conc	0.2135	0.90		0			Overhang - None	None					
E Wall	1,200 ft²	90	0	Frame Wall, No Ins	0.4376	0.90											
Opening - 1				Window			Single Clear 1/4"	300	0.95	0.95	Overhang - None	None	0.00				
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

By Honeywell Inc

Room Description: Wing R3 FL-3 | **Zone Description: No Zone** | **System Description: AHU Third FL**

GENERAL INFORMATION

Floor Area: 1,367 ft² Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft Height Above Flr:
Slab Cnstr Type: 4" LW Concrete
Room Mass: Time delay based on actual mass
Ceiling R-Value: 1.786 hr·ft²·°F/Btu
Is There Carpet?: YES
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F
Design Relative Humidity: 50 %
Moisture Capacitance: None
Clg Tstat: None
Htg Tstat: None

Thermostat Location: Room Floor Multiplier: 1
Humidistat Location: Room Room Multiplier: 1
CO2 Sensor Location: None
Room Type: Conditioned

PEOPLE

People Type: General Office Space
# of People: 143 sq ft/person
People Sensible: 250 Btu/h
People Latent : 200 Btu/h
People Schedule: Available (100%)

Workstation: 1.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load to space
Fixture Type: RECFL-NV
% Load to RA: 20 %
Lighting Schedule: Available (100%)
Lighting Amount: 1.1 W/sq ft
Ballast Factor: 1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass Type / Energy Type	Glass Area ft²	Glass Shade Coef	Glass U Value Btu/h·ft²·°F	External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
Roof - 1	1,367 ft²	0	90	4" LW Conc	0.2135	0.90		0			Overhang - None	None					
S Wall	1,761 ft²	180	0	Frame Wall, No Ins	0.4376	0.90											
Opening - 1				Window			Single Clear 1/4"	440	0.95	0.95	Overhang - None	None	0.00				
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

By Honeywell Inc

Room Description: Wing R4 FL-3 | **Zone Description: No Zone** | **System Description: AHU Third FL**

GENERAL INFORMATION

Floor Area:	900 ft²	Flr-Flr Height:	12.0 ft
Plenum Height:	3.0 ft	Height Above Flr:	
Slab Cnstr Type:	4" LW Concrete		
Room Mass:	Time delay based on actual mass		
Ceiling R-Value:	1.786 hr·ft²·°F/Btu		
Is There Carpet?:	YES		
Design Clg DB / Drift Point:	75.0 °F / 81.0 °F		
Design Htg DB / Drift Point:	70.0 °F / 64.0 °F		
Design Relative Humidity:	50 %		
Moisture Capacitance:	None		
Clg Tstat:	None		
Htg Tstat:	None		
Thermostat Location:	Room	Floor Multiplier:	1
Humidistat Location:	Room	Room Multiplier:	1
CO2 Sensor Location:	None		
Room Type:	Conditioned		

PEOPLE

People Type:	General Office Space
# of People:	143 sq ft/person
People Sensible:	250 Btu/h
People Latent :	200 Btu/h
People Schedule:	Available (100%)
Workstation:	1.0 workstation/person

LIGHTS

Lighting Type:	Recessed fluorescent, not vented, 80% load to space
Fixture Type:	RECFL-NV
% Load to RA:	20 %
Lighting Schedule:	Available (100%)
Lighting Amount:	1.1 W/sq ft
Ballast Factor:	1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass: Type / Energy Type	Glass: Area ft²	Glass: Shade Coef	Glass: U Value Btu/h·ft²·°F	Glass: External Shading	Glass: Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
Roof - 1	900 ft²	0	90	4" LW Conc	0.2135	0.90		0			Overhang - None	None					
W Wall	1,200 ft²	270	0	Frame Wall, No Ins	0.4376	0.90											
Opening - 1				Window			Single Clear 1/4"	300	0.95	0.95	Overhang - None	None	0.00				
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

By Honeywell Inc

Room Description: W1-R1 N | **Zone Description: No Zone** | **System Description: AHU 1 First FL**

GENERAL INFORMATION

Floor Area: 1,367 ft² Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft Height Above Flr:
Slab Cnstr Type: 4" LW Concrete
Room Mass: Time delay based on actual mass
Ceiling R-Value: 1.786 hr·ft²·°F/Btu
Is There Carpet?: YES
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F
Design Relative Humidity: 50 %
Moisture Capacitance: None
Clg Tstat: None
Htg Tstat: None
Thermostat Location: Room Floor Multiplier: 1
Humidistat Location: Room Room Multiplier: 1
CO2 Sensor Location: None
Room Type: Conditioned

PEOPLE

People Type: General Office Space
# of People: 143 sq ft/person
People Sensible: 250 Btu/h
People Latent : 200 Btu/h
People Schedule: Available (100%)
Workstation: 1.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load to space
Fixture Type: RECFL-NV
% Load to RA: 20 %
Lighting Schedule: Available (100%)
Lighting Amount: 1.1 W/sq ft
Ballast Factor: 1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
N Wall	1,761 ft²	0	0	Frame Wall, No Ins	0.4376	0.90											
Opening - 1				Window			Single Clear 1/4"	440	0.95	0.95	Overhang - None	None	0.00				
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

Room Description: W1-R2 E | **Zone Description: No Zone** | **System Description: AHU 1 First FL**

GENERAL INFORMATION

Floor Area: 900 ft² Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft Height Above Flr:
Slab Cnstr Type: 4" LW Concrete
Room Mass: Time delay based on actual mass
Ceiling R-Value: 1.786 hr·ft²·°F/Btu
Is There Carpet?: YES
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F
Design Relative Humidity: 50 %
Moisture Capacitance: None
Clg Tstat: None
Htg Tstat: None
Thermostat Location: Room Floor Multiplier: 1
Humidistat Location: Room Room Multiplier: 1
CO2 Sensor Location: None
Room Type: Conditioned

PEOPLE

People Type: General Office Space
# of People: 143 sq ft/person
People Sensible: 250 Btu/h
People Latent : 200 Btu/h
People Schedule: Available (100%)
Workstation: 1.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load to space
Fixture Type: RECFL-NV
% Load to RA: 20 %
Lighting Schedule: Available (100%)
Lighting Amount: 1.1 W/sq ft
Ballast Factor: 1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
E Wall	1,200 ft²	90	0	Frame Wall, No Ins	0.4376	0.90											
Opening - 1				Window			Single Clear 1/4"	300	0.95	0.95	Overhang - None	None	0.00				
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

By Honeywell Inc

Room Description: W1-R3 S | **Zone Description: No Zone** | **System Description: AHU 1 First FL**

GENERAL INFORMATION

Floor Area: 1,367 ft² Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft Height Above Flr:
Slab Cnstr Type: 4" LW Concrete
Room Mass: Time delay based on actual mass
Ceiling R-Value: 1.786 hr·ft²·°F/Btu
Is There Carpet?: YES
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F
Design Relative Humidity: 50 %
Moisture Capacitance: None
Clg Tstat: None
Htg Tstat: None

Thermostat Location: Room Floor Multiplier: 1
Humidistat Location: Room Room Multiplier: 1
CO2 Sensor Location: None
Room Type: Conditioned

PEOPLE

People Type: General Office Space
# of People: 143 sq ft/person
People Sensible: 250 Btu/h
People Latent : 200 Btu/h
People Schedule: Available (100%)

Workstation: 1.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load to space
Fixture Type: RECFL-NV
% Load to RA: 20 %
Lighting Schedule: Available (100%)
Lighting Amount: 1.1 W/sq ft
Ballast Factor: 1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass: Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
S Wall	1,761 ft²	180	0	Frame Wall, No Ins	0.4376	0.90											
Opening - 1				Window			Single Clear 1/4"	440	0.95	0.95	Overhang - None	None	0.00				
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

Room Description: W1-R4 W | **Zone Description: No Zone** | **System Description: AHU 1 First FL**

GENERAL INFORMATION

Floor Area: 900 ft² Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft Height Above Flr:
Slab Cnstr Type: 4" LW Concrete
Room Mass: Time delay based on actual mass
Ceiling R-Value: 1.786 hr·ft²·°F/Btu
Is There Carpet?: YES
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F
Design Relative Humidity: 50 %
Moisture Capacitance: None
Clg Tstat: None
Htg Tstat: None

Thermostat Location: Room Floor Multiplier: 1
Humidistat Location: Room Room Multiplier: 1
CO2 Sensor Location: None
Room Type: Conditioned

PEOPLE

People Type: General Office Space
# of People: 143 sq ft/person
People Sensible: 250 Btu/h
People Latent : 200 Btu/h
People Schedule: Available (100%)

Workstation: 1.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load to space
Fixture Type: RECFL-NV
% Load to RA: 20 %
Lighting Schedule: Available (100%)
Lighting Amount: 1.1 W/sq ft
Ballast Factor: 1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass: Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
W Wall	1,200 ft²	270	0	Frame Wall, No Ins	0.4376	0.90											
Opening - 1				Window			Single Clear 1/4"	300	0.95	0.95	Overhang - None	None	0.00				
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

By Honeywell Inc

Room Description: W1-R5 Int | **Zone Description: No Zone** | **System Description: AHU 1 First FL**

GENERAL INFORMATION

Floor Area:	10,138 ft²	Flr-Flr Height:	12.0 ft
Plenum Height:	3.0 ft	Height Above Flr:	
Slab Cnstr Type:	4" LW Concrete		
Room Mass:	Time delay based on actual mass		
Ceiling R-Value:	1.786 hr·ft²·°F/Btu		
Is There Carpet?:	YES		
Design Clg DB / Drift Point:	75.0 °F / 81.0 °F		
Design Htg DB / Drift Point:	70.0 °F / 64.0 °F		
Design Relative Humidity:	50 %		
Moisture Capacitance:	None		
Clg Tstat:	None		
Htg Tstat:	None		
Thermostat Location:	Room	Floor Multiplier:	1
Humidistat Location:	Room	Room Multiplier:	1
CO2 Sensor Location:	None		
Room Type:	Conditioned		

PEOPLE

People Type:	General Office Space
# of People:	143 sq ft/person
People Sensible:	250 Btu/h
People Latent :	200 Btu/h
People Schedule:	Available (100%)
Workstation:	1.0 workstation/person

LIGHTS

Lighting Type:	Recessed fluorescent, not vented, 80% load to space
Fixture Type:	RECFL-NV
% Load to RA:	20 %
Lighting Schedule:	Available (100%)
Lighting Amount:	1.1 W/sq ft
Ballast Factor:	1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass: Type / Energy Type	Glass: Area ft²	Glass: Shade Coef	Glass: U Value Btu/h·ft²·°F	Glass: External Shading	Glass: Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

Room Description: Wing 5 Fl-2 Int | **Zone Description: No Zone** | **System Description: AHU Second FL**

GENERAL INFORMATION

Floor Area:	10,138 ft²	Flr-Flr Height:	12.0 ft
Plenum Height:	3.0 ft	Height Above Flr:	
Slab Cnstr Type:	4" LW Concrete		
Room Mass:	Time delay based on actual mass		
Ceiling R-Value:	1.786 hr·ft²·°F/Btu		
Is There Carpet?:	YES		
Design Clg DB / Drift Point:	75.0 °F / 81.0 °F		
Design Htg DB / Drift Point:	70.0 °F / 64.0 °F		
Design Relative Humidity:	50 %		
Moisture Capacitance:	None		
Clg Tstat:	None		
Htg Tstat:	None		
Thermostat Location:	Room	Floor Multiplier:	1
Humidistat Location:	Room	Room Multiplier:	1
CO2 Sensor Location:	None		
Room Type:	Conditioned		

PEOPLE

People Type:	General Office Space
# of People:	143 sq ft/person
People Sensible:	250 Btu/h
People Latent :	200 Btu/h
People Schedule:	Available (100%)
Workstation:	1.0 workstation/person

LIGHTS

Lighting Type:	Recessed fluorescent, not vented, 80% load to space
Fixture Type:	RECFL-NV
% Load to RA:	20 %
Lighting Schedule:	Available (100%)
Lighting Amount:	1.1 W/sq ft
Ballast Factor:	1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass: Type / Energy Type	Glass: Area ft²	Glass: Shade Coef	Glass: U Value Btu/h·ft²·°F	Glass: External Shading	Glass: Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

By Honeywell Inc

Room Description: Wing R1 Fl-2 | **Zone Description: No Zone** | **System Description: AHU Second FL**

GENERAL INFORMATION

Floor Area: 1,367 ft² Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft Height Above Flr:
Slab Cnstr Type: 4" LW Concrete
Room Mass: Time delay based on actual mass
Ceiling R-Value: 1.786 hr·ft²·°F/Btu
Is There Carpet?: YES
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F
Design Relative Humidity: 50 %
Moisture Capacitance: None
Clg Tstat: None
Htg Tstat: None
Thermostat Location: Room Floor Multiplier: 1
Humidistat Location: Room Room Multiplier: 1
CO2 Sensor Location: None
Room Type: Conditioned

PEOPLE

People Type: General Office Space
# of People: 143 sq ft/person
People Sensible: 250 Btu/h
People Latent : 200 Btu/h
People Schedule: Available (100%)
Workstation: 1.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load to space
Fixture Type: RECFL-NV
% Load to RA: 20 %
Lighting Schedule: Available (100%)
Lighting Amount: 1.1 W/sq ft
Ballast Factor: 1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass: Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
N Wall	1,761 ft²	0	0	Frame Wall, No Ins	0.4376	0.90											
Opening - 1				Window			Single Clear 1/4"	440	0.95	0.95	Overhang - None	None	0.00				
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

Room Description: Wing R2 FL-2 | **Zone Description: No Zone** | **System Description: AHU Second FL**

GENERAL INFORMATION

Floor Area: 900 ft² Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft Height Above Flr:
Slab Cnstr Type: 4" LW Concrete
Room Mass: Time delay based on actual mass
Ceiling R-Value: 1.786 hr·ft²·°F/Btu
Is There Carpet?: YES
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F
Design Relative Humidity: 50 %
Moisture Capacitance: None
Clg Tstat: None
Htg Tstat: None
Thermostat Location: Room Floor Multiplier: 1
Humidistat Location: Room Room Multiplier: 1
CO2 Sensor Location: None
Room Type: Conditioned

PEOPLE

People Type: General Office Space
# of People: 143 sq ft/person
People Sensible: 250 Btu/h
People Latent : 200 Btu/h
People Schedule: Available (100%)
Workstation: 1.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load to space
Fixture Type: RECFL-NV
% Load to RA: 20 %
Lighting Schedule: Available (100%)
Lighting Amount: 1.1 W/sq ft
Ballast Factor: 1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass: Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
E Wall	1,200 ft²	90	0	Frame Wall, No Ins	0.4376	0.90											
Opening - 1				Window			Single Clear 1/4"	300	0.95	0.95	Overhang - None	None	0.00				
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

By Honeywell Inc

Room Description: Wing R3 Fl-2 | **Zone Description: No Zone** | **System Description: AHU Second FL**

GENERAL INFORMATION

Floor Area:	1,367 ft²	Flr-Flr Height:	12.0 ft
Plenum Height:	3.0 ft	Height Above Flr:	
Slab Cnstr Type:	4" LW Concrete		
Room Mass:	Time delay based on actual mass		
Ceiling R-Value:	1.786 hr·ft²·°F/Btu		
Is There Carpet?:	YES		
Design Clg DB / Drift Point:	75.0 °F / 81.0 °F		
Design Htg DB / Drift Point:	70.0 °F / 64.0 °F		
Design Relative Humidity:	50 %		
Moisture Capacitance:	None		
Clg Tstat:	None		
Htg Tstat:	None		
Thermostat Location:	Room	Floor Multiplier:	1
Humidistat Location:	Room	Room Multiplier:	1
CO2 Sensor Location:	None		
Room Type:	Conditioned		

PEOPLE

People Type:	General Office Space
# of People:	143 sq ft/person
People Sensible:	250 Btu/h
People Latent :	200 Btu/h
People Schedule:	Available (100%)
Workstation:	1.0 workstation/person

LIGHTS

Lighting Type:	Recessed fluorescent, not vented, 80% load to space
Fixture Type:	RECFL-NV
% Load to RA:	20 %
Lighting Schedule:	Available (100%)
Lighting Amount:	1.1 W/sq ft
Ballast Factor:	1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass: Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
S Wall	1,761 ft²	180	0	Frame Wall, No Ins	0.4376	0.90											
Opening - 1				Window			Single Clear 1/4"	440	0.95	0.95	Overhang - None	None	0.00				
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

Room Description: Wing R4 FL-2 | **Zone Description: No Zone** | **System Description: AHU Second FL**

GENERAL INFORMATION

Floor Area:	900 ft²	Flr-Flr Height:	12.0 ft
Plenum Height:	3.0 ft	Height Above Flr:	
Slab Cnstr Type:	4" LW Concrete		
Room Mass:	Time delay based on actual mass		
Ceiling R-Value:	1.786 hr·ft²·°F/Btu		
Is There Carpet?:	YES		
Design Clg DB / Drift Point:	75.0 °F / 81.0 °F		
Design Htg DB / Drift Point:	70.0 °F / 64.0 °F		
Design Relative Humidity:	50 %		
Moisture Capacitance:	None		
Clg Tstat:	None		
Htg Tstat:	None		
Thermostat Location:	Room	Floor Multiplier:	1
Humidistat Location:	Room	Room Multiplier:	1
CO2 Sensor Location:	None		
Room Type:	Conditioned		

PEOPLE

People Type:	General Office Space
# of People:	143 sq ft/person
People Sensible:	250 Btu/h
People Latent :	200 Btu/h
People Schedule:	Available (100%)
Workstation:	1.0 workstation/person

LIGHTS

Lighting Type:	Recessed fluorescent, not vented, 80% load to space
Fixture Type:	RECFL-NV
% Load to RA:	20 %
Lighting Schedule:	Available (100%)
Lighting Amount:	1.1 W/sq ft
Ballast Factor:	1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass: Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
W Wall	1,200 ft²	270	0	Frame Wall, No Ins	0.4376	0.90											
Opening - 1				Window			Single Clear 1/4"	300	0.95	0.95	Overhang - None	None	0.00				
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

By Honeywell Inc

Room Description: Wing 5 Fl-3 Int | **Zone Description: No Zone** | **System Description: AHU Third FL**

GENERAL INFORMATION

Floor Area: 10,138 ft² Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft Height Above Flr:
Slab Cnstr Type: 4" LW Concrete
Room Mass: Time delay based on actual mass
Ceiling R-Value: 1.786 hr·ft²·°F/Btu
Is There Carpet?: YES
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F
Design Relative Humidity: 50 %
Moisture Capacitance: None
Clg Tstat: None
Htg Tstat: None
Thermostat Location: Room Floor Multiplier: 1
Humidistat Location: Room Room Multiplier: 1
CO2 Sensor Location: None
Room Type: Conditioned

PEOPLE

People Type: General Office Space
# of People: 143 sq ft/person
People Sensible: 250 Btu/h
People Latent : 200 Btu/h
People Schedule: Available (100%)
Workstation: 1.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load to space
Fixture Type: RECFL-NV
% Load to RA: 20 %
Lighting Schedule: Available (100%)
Lighting Amount: 1.1 W/sq ft
Ballast Factor: 1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass Type / Energy Type	Glass Area ft²	Glass Shade Coef	Glass U Value Btu/h·ft²·°F	External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
Roof - 1	10,138 ft²	0	90	4" LW Conc	0.2135	0.90		0			Overhang - None	None					
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

Room Description: Wing R1 FL-3 | **Zone Description: No Zone** | **System Description: AHU Third FL**

GENERAL INFORMATION

Floor Area: 1,367 ft² Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft Height Above Flr:
Slab Cnstr Type: 4" LW Concrete
Room Mass: Time delay based on actual mass
Ceiling R-Value: 1.786 hr·ft²·°F/Btu
Is There Carpet?: YES
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F
Design Relative Humidity: 50 %
Moisture Capacitance: None
Clg Tstat: None
Htg Tstat: None
Thermostat Location: Room Floor Multiplier: 1
Humidistat Location: Room Room Multiplier: 1
CO2 Sensor Location: None
Room Type: Conditioned

PEOPLE

People Type: General Office Space
# of People: 143 sq ft/person
People Sensible: 250 Btu/h
People Latent : 200 Btu/h
People Schedule: Available (100%)
Workstation: 1.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load to space
Fixture Type: RECFL-NV
% Load to RA: 20 %
Lighting Schedule: Available (100%)
Lighting Amount: 1.1 W/sq ft
Ballast Factor: 1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass Type / Energy Type	Glass Area ft²	Glass Shade Coef	Glass U Value Btu/h·ft²·°F	External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
Roof - 1	1,367 ft²	0	90	4" LW Conc	0.2135	0.90		0			Overhang - None	None					
N Wall	1,761 ft²	0	0	Frame Wall, No Ins	0.4376	0.90											
Opening - 1				Window			Single Clear 1/4"	440	0.95	0.95	Overhang - None	None	0.00				
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

By Honeywell Inc

Room Description: Wing R2 Fl-3 | **Zone Description: No Zone** | **System Description: AHU Third FL**

GENERAL INFORMATION

Floor Area:	900 ft²	Flr-Flr Height:	12.0 ft
Plenum Height:	3.0 ft	Height Above Flr:	
Slab Cnstr Type:	4" LW Concrete		
Room Mass:	Time delay based on actual mass		
Ceiling R-Value:	1.786 hr·ft²·°F/Btu		
Is There Carpet?:	YES		
Design Clg DB / Drift Point:	75.0 °F / 81.0 °F		
Design Htg DB / Drift Point:	70.0 °F / 64.0 °F		
Design Relative Humidity:	50 %		
Moisture Capacitance:	None		
Clg Tstat:	None		
Htg Tstat:	None		
Thermostat Location:	Room	Floor Multiplier:	1
Humidistat Location:	Room	Room Multiplier:	1
CO2 Sensor Location:	None		
Room Type:	Conditioned		

PEOPLE

People Type:	General Office Space
# of People:	143 sq ft/person
People Sensible:	250 Btu/h
People Latent :	200 Btu/h
People Schedule:	Available (100%)
Workstation:	1.0 workstation/person

LIGHTS

Lighting Type:	Recessed fluorescent, not vented, 80% load to space
Fixture Type:	RECFL-NV
% Load to RA:	20 %
Lighting Schedule:	Available (100%)
Lighting Amount:	1.1 W/sq ft
Ballast Factor:	1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
Roof - 1	900 ft²	0	90	4" LW Conc	0.2135	0.90		0			Overhang - None	None					
E Wall	1,200 ft²	90	0	Frame Wall, No Ins	0.4376	0.90											
Opening - 1				Window			Single Clear 1/4"	300	0.95	0.95	Overhang - None	None	0.00				
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

By Honeywell Inc

Room Description: Wing R3 FL-3 | **Zone Description: No Zone** | **System Description: AHU Third FL**

GENERAL INFORMATION

Floor Area:	1,367 ft²	Flr-Flr Height:	12.0 ft
Plenum Height:	3.0 ft	Height Above Flr:	
Slab Cnstr Type:	4" LW Concrete		
Room Mass:	Time delay based on actual mass		
Ceiling R-Value:	1.786 hr·ft²·°F/Btu		
Is There Carpet?:	YES		
Design Clg DB / Drift Point:	75.0 °F / 81.0 °F		
Design Htg DB / Drift Point:	70.0 °F / 64.0 °F		
Design Relative Humidity:	50 %		
Moisture Capacitance:	None		
Clg Tstat:	None		
Htg Tstat:	None		
Thermostat Location:	Room	Floor Multiplier:	1
Humidistat Location:	Room	Room Multiplier:	1
CO2 Sensor Location:	None		
Room Type:	Conditioned		

PEOPLE

People Type:	General Office Space
# of People:	143 sq ft/person
People Sensible:	250 Btu/h
People Latent :	200 Btu/h
People Schedule:	Available (100%)
Workstation:	1.0 workstation/person

LIGHTS

Lighting Type:	Recessed fluorescent, not vented, 80% load to space
Fixture Type:	RECFL-NV
% Load to RA:	20 %
Lighting Schedule:	Available (100%)
Lighting Amount:	1.1 W/sq ft
Ballast Factor:	1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass Type / Energy Type	Glass Area ft²	Glass Shade Coef	Glass U Value Btu/h·ft²·°F	Glass External Shading	Glass Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Rel/ Perm Len	Rad Frc/ Loss Coef
Roof - 1	1,367 ft²	0	90	4" LW Conc	0.2135	0.90		0			Overhang - None	None					
S Wall	1,761 ft²	180	0	Frame Wall, No Ins	0.4376	0.90											
Opening - 1				Window			Single Clear 1/4"	440	0.95	0.95	Overhang - None	None	0.00				
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

By Honeywell Inc

Room Description: Wing R4 FL-3 | **Zone Description: No Zone** | **System Description: AHU Third FL**

GENERAL INFORMATION

Floor Area:	900 ft²	Flr-Flr Height:	12.0 ft
Plenum Height:	3.0 ft	Height Above Flr:	
Slab Cnstr Type:	4" LW Concrete		
Room Mass:	Time delay based on actual mass		
Ceiling R-Value:	1.786 hr·ft²·°F/Btu		
Is There Carpet?:	YES		
Design Clg DB / Drift Point:	75.0 °F / 81.0 °F		
Design Htg DB / Drift Point:	70.0 °F / 64.0 °F		
Design Relative Humidity:	50 %		
Moisture Capacitance:	None		
Clg Tstat:	None		
Htg Tstat:	None		
Thermostat Location:	Room	Floor Multiplier:	1
Humidistat Location:	Room	Room Multiplier:	1
CO2 Sensor Location:	None		
Room Type:	Conditioned		

PEOPLE

People Type:	General Office Space
# of People:	143 sq ft/person
People Sensible:	250 Btu/h
People Latent :	200 Btu/h
People Schedule:	Available (100%)
Workstation:	1.0 workstation/person

LIGHTS

Lighting Type:	Recessed fluorescent, not vented, 80% load to space
Fixture Type:	RECFL-NV
% Load to RA:	20 %
Lighting Schedule:	Available (100%)
Lighting Amount:	1.1 W/sq ft
Ballast Factor:	1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass Type / Energy Type	Glass Area ft²	Glass Shade Coef	Glass U Value Btu/h·ft²·°F	External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
Roof - 1	900 ft²	0	90	4" LW Conc	0.2135	0.90		0			Overhang - None	None					
W Wall	1,200 ft²	270	0	Frame Wall, No Ins	0.4376	0.90											
Opening - 1				Window			Single Clear 1/4"	300	0.95	0.95	Overhang - None	None	0.00				
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

By Honeywell Inc

Room Description: W1-R1 N | **Zone Description: No Zone** | **System Description: AHU 1 First FL**

GENERAL INFORMATION

Floor Area: 1,367 ft² | Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft | Height Above Flr:
Slab Cnstr Type: 4" LW Concrete
Room Mass: Time delay based on actual mass
Ceiling R-Value: 1.786 hr·ft²·°F/Btu
Is There Carpet?: YES
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F
Design Relative Humidity: 50 %
Moisture Capacitance: None
Clg Tstat: None
Htg Tstat: None
Thermostat Location: Room | Floor Multiplier: 1
Humidistat Location: Room | Room Multiplier: 1
CO2 Sensor Location: None
Room Type: Conditioned

PEOPLE

People Type: General Office Space
# of People: 143 sq ft/person
People Sensible: 250 Btu/h
People Latent : 200 Btu/h
People Schedule: Available (100%)
Workstation: 1.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load to space
Fixture Type: RECFL-NV
% Load to RA: 20 %
Lighting Schedule: Available (100%)
Lighting Amount: 1.1 W/sq ft
Ballast Factor: 1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass: Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
N Wall	1,761 ft²	0	0	Frame Wall, No Ins	0.4376	0.90											
Opening - 1				Window			Single Clear 1/4"	440	0.95	0.95	Overhang - None	None	0.00				
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

Room Description: W1-R2 E | **Zone Description: No Zone** | **System Description: AHU 1 First FL**

GENERAL INFORMATION

Floor Area: 900 ft² | Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft | Height Above Flr:
Slab Cnstr Type: 4" LW Concrete
Room Mass: Time delay based on actual mass
Ceiling R-Value: 1.786 hr·ft²·°F/Btu
Is There Carpet?: YES
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F
Design Relative Humidity: 50 %
Moisture Capacitance: None
Clg Tstat: None
Htg Tstat: None
Thermostat Location: Room | Floor Multiplier: 1
Humidistat Location: Room | Room Multiplier: 1
CO2 Sensor Location: None
Room Type: Conditioned

PEOPLE

People Type: General Office Space
# of People: 143 sq ft/person
People Sensible: 250 Btu/h
People Latent : 200 Btu/h
People Schedule: Available (100%)
Workstation: 1.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load to space
Fixture Type: RECFL-NV
% Load to RA: 20 %
Lighting Schedule: Available (100%)
Lighting Amount: 1.1 W/sq ft
Ballast Factor: 1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass: Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
E Wall	1,200 ft²	90	0	Frame Wall, No Ins	0.4376	0.90											
Opening - 1				Window			Single Clear 1/4"	300	0.95	0.95	Overhang - None	None	0.00				
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

By Honeywell Inc

Room Description: W1-R3 S | **Zone Description: No Zone** | **System Description: AHU 1 First FL**

GENERAL INFORMATION

Floor Area: 1,367 ft² Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft Height Above Flr:
Slab Cnstr Type: 4" LW Concrete
Room Mass: Time delay based on actual mass
Ceiling R-Value: 1.786 hr·ft²·°F/Btu
Is There Carpet?: YES
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F
Design Relative Humidity: 50 %
Moisture Capacitance: None
Clg Tstat: None
Htg Tstat: None
Thermostat Location: Room Floor Multiplier: 1
Humidistat Location: Room Room Multiplier: 1
CO2 Sensor Location: None
Room Type: Conditioned

PEOPLE

People Type: General Office Space
# of People: 143 sq ft/person
People Sensible: 250 Btu/h
People Latent : 200 Btu/h
People Schedule: Available (100%)
Workstation: 1.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load to space
Fixture Type: RECFL-NV
% Load to RA: 20 %
Lighting Schedule: Available (100%)
Lighting Amount: 1.1 W/sq ft
Ballast Factor: 1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
S Wall	1,761 ft²	180	0	Frame Wall, No Ins	0.4376	0.90											
Opening - 1				Window			Single Clear 1/4"	440	0.95	0.95	Overhang - None	None	0.00				
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

Room Description: W1-R4 W | **Zone Description: No Zone** | **System Description: AHU 1 First FL**

GENERAL INFORMATION

Floor Area: 900 ft² Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft Height Above Flr:
Slab Cnstr Type: 4" LW Concrete
Room Mass: Time delay based on actual mass
Ceiling R-Value: 1.786 hr·ft²·°F/Btu
Is There Carpet?: YES
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F
Design Relative Humidity: 50 %
Moisture Capacitance: None
Clg Tstat: None
Htg Tstat: None
Thermostat Location: Room Floor Multiplier: 1
Humidistat Location: Room Room Multiplier: 1
CO2 Sensor Location: None
Room Type: Conditioned

PEOPLE

People Type: General Office Space
# of People: 143 sq ft/person
People Sensible: 250 Btu/h
People Latent : 200 Btu/h
People Schedule: Available (100%)
Workstation: 1.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load to space
Fixture Type: RECFL-NV
% Load to RA: 20 %
Lighting Schedule: Available (100%)
Lighting Amount: 1.1 W/sq ft
Ballast Factor: 1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
W Wall	1,200 ft²	270	0	Frame Wall, No Ins	0.4376	0.90											
Opening - 1				Window			Single Clear 1/4"	300	0.95	0.95	Overhang - None	None	0.00				
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

By Honeywell Inc

Room Description: W1-R5 Int | **Zone Description: No Zone** | **System Description: AHU 1 First FL**

GENERAL INFORMATION

Floor Area: 10,138 ft² Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft Height Above Flr:
Slab Cnstr Type: 4" LW Concrete
Room Mass: Time delay based on actual mass
Ceiling R-Value: 1.786 hr·ft²·°F/Btu
Is There Carpet?: YES
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F
Design Relative Humidity: 50 %
Moisture Capacitance: None
Clg Tstat: None
Htg Tstat: None

Thermostat Location: Room Floor Multiplier: 1
Humidistat Location: Room Room Multiplier: 1
CO2 Sensor Location: None
Room Type: Conditioned

PEOPLE

People Type: General Office Space
# of People: 143 sq ft/person
People Sensible: 250 Btu/h
People Latent : 200 Btu/h
People Schedule: Available (100%)

Workstation: 1.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load to space
Fixture Type: RECFL-NV
% Load to RA: 20 %
Lighting Schedule: Available (100%)
Lighting Amount: 1.1 W/sq ft
Ballast Factor: 1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass: Type / Energy Type	Glass: Area ft²	Glass: Shade Coef	Glass: U Value Btu/h·ft²·°F	Glass: External Shading	Glass: Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

Room Description: Wing 5 Fl-2 int | **Zone Description: No Zone** | **System Description: AHU Second Fl**

GENERAL INFORMATION

Floor Area: 10,138 ft² Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft Height Above Flr:
Slab Cnstr Type: 4" LW Concrete
Room Mass: Time delay based on actual mass
Ceiling R-Value: 1.786 hr·ft²·°F/Btu
Is There Carpet?: YES
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F
Design Relative Humidity: 50 %
Moisture Capacitance: None
Clg Tstat: None
Htg Tstat: None

Thermostat Location: Room Floor Multiplier: 1
Humidistat Location: Room Room Multiplier: 1
CO2 Sensor Location: None
Room Type: Conditioned

PEOPLE

People Type: General Office Space
# of People: 143 sq ft/person
People Sensible: 250 Btu/h
People Latent : 200 Btu/h
People Schedule: Available (100%)

Workstation: 1.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load to space
Fixture Type: RECFL-NV
% Load to RA: 20 %
Lighting Schedule: Available (100%)
Lighting Amount: 1.1 W/sq ft
Ballast Factor: 1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass: Type / Energy Type	Glass: Area ft²	Glass: Shade Coef	Glass: U Value Btu/h·ft²·°F	Glass: External Shading	Glass: Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

By Honeywell Inc

Room Description: Wing R1 Fl-2 | **Zone Description: No Zone** | **System Description: AHU Second FL**

GENERAL INFORMATION

Floor Area: 1,367 ft² Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft Height Above Flr:
Slab Cnstr Type: 4" LW Concrete
Room Mass: Time delay based on actual mass
Ceiling R-Value: 1.786 hr·ft²·°F/Btu
Is There Carpet?: YES
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F
Design Relative Humidity: 50 %
Moisture Capacitance: None
Clg Tstat: None
Htg Tstat: None

Thermostat Location: Room Floor Multiplier: 1
Humidistat Location: Room Room Multiplier: 1
CO2 Sensor Location: None
Room Type: Conditioned

PEOPLE

People Type: General Office Space
# of People: 143 sq ft/person
People Sensible: 250 Btu/h
People Latent : 200 Btu/h
People Schedule: Available (100%)

Workstation: 1.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load to space
Fixture Type: RECFL-NV
% Load to RA: 20 %
Lighting Schedule: Available (100%)
Lighting Amount: 1.1 W/sq ft
Ballast Factor: 1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass: Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
N Wall	1,761 ft²	0	0	Frame Wall, No Ins	0.4376	0.90											
Opening - 1				Window			Single Clear 1/4"	440	0.95	0.95	Overhang - None	None	0.00				
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

Room Description: Wing R2 FL-2 | **Zone Description: No Zone** | **System Description: AHU Second FL**

GENERAL INFORMATION

Floor Area: 900 ft² Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft Height Above Flr:
Slab Cnstr Type: 4" LW Concrete
Room Mass: Time delay based on actual mass
Ceiling R-Value: 1.786 hr·ft²·°F/Btu
Is There Carpet?: YES
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F
Design Relative Humidity: 50 %
Moisture Capacitance: None
Clg Tstat: None
Htg Tstat: None

Thermostat Location: Room Floor Multiplier: 1
Humidistat Location: Room Room Multiplier: 1
CO2 Sensor Location: None
Room Type: Conditioned

PEOPLE

People Type: General Office Space
# of People: 143 sq ft/person
People Sensible: 250 Btu/h
People Latent : 200 Btu/h
People Schedule: Available (100%)

Workstation: 1.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load to space
Fixture Type: RECFL-NV
% Load to RA: 20 %
Lighting Schedule: Available (100%)
Lighting Amount: 1.1 W/sq ft
Ballast Factor: 1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass: Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
E Wall	1,200 ft²	90	0	Frame Wall, No Ins	0.4376	0.90											
Opening - 1				Window			Single Clear 1/4"	300	0.95	0.95	Overhang - None	None	0.00				
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

By Honeywell Inc

Room Description: Wing R3 Fl-2 | **Zone Description: No Zone** | **System Description: AHU Second FL**

GENERAL INFORMATION

Floor Area: 1,367 ft² Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft Height Above Flr:
Slab Cnstr Type: 4" LW Concrete
Room Mass: Time delay based on actual mass
Ceiling R-Value: 1.786 hr·ft²·°F/Btu
Is There Carpet?: YES
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F
Design Relative Humidity: 50 %
Moisture Capacitance: None
Clg Tstat: None
Htg Tstat: None
Thermostat Location: Room Floor Multiplier: 1
Humidistat Location: Room Room Multiplier: 1
CO2 Sensor Location: None
Room Type: Conditioned

PEOPLE

People Type: General Office Space
# of People: 143 sq ft/person
People Sensible: 250 Btu/h
People Latent : 200 Btu/h
People Schedule: Available (100%)
Workstation: 1.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load to space
Fixture Type: RECFL-NV
% Load to RA: 20 %
Lighting Schedule: Available (100%)
Lighting Amount: 1.1 W/sq ft
Ballast Factor: 1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass: Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
S Wall	1,761 ft²	180	0	Frame Wall, No Ins	0.4376	0.90											
Opening - 1				Window			Single Clear 1/4"	440	0.95	0.95	Overhang - None	None	0.00				
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

Room Description: Wing R4 FL-2 | **Zone Description: No Zone** | **System Description: AHU Second FL**

GENERAL INFORMATION

Floor Area: 900 ft² Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft Height Above Flr:
Slab Cnstr Type: 4" LW Concrete
Room Mass: Time delay based on actual mass
Ceiling R-Value: 1.786 hr·ft²·°F/Btu
Is There Carpet?: YES
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F
Design Relative Humidity: 50 %
Moisture Capacitance: None
Clg Tstat: None
Htg Tstat: None
Thermostat Location: Room Floor Multiplier: 1
Humidistat Location: Room Room Multiplier: 1
CO2 Sensor Location: None
Room Type: Conditioned

PEOPLE

People Type: General Office Space
# of People: 143 sq ft/person
People Sensible: 250 Btu/h
People Latent : 200 Btu/h
People Schedule: Available (100%)
Workstation: 1.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load to space
Fixture Type: RECFL-NV
% Load to RA: 20 %
Lighting Schedule: Available (100%)
Lighting Amount: 1.1 W/sq ft
Ballast Factor: 1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass: Type / Energy Type	Area ft²	Shade Coef	U Value Btu/h·ft²·°F	External Shading	Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
W Wall	1,200 ft²	270	0	Frame Wall, No Ins	0.4376	0.90											
Opening - 1				Window			Single Clear 1/4"	300	0.95	0.95	Overhang - None	None	0.00				
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

By Honeywell Inc

Room Description: Wing 5 Fl-3 Int | **Zone Description: No Zone** | **System Description: AHU Third FL**

GENERAL INFORMATION

Floor Area: 10,138 ft² Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft Height Above Flr:
Slab Cnstr Type: 4" LW Concrete
Room Mass: Time delay based on actual mass
Ceiling R-Value: 1.786 hr·ft²·°F/Btu
Is There Carpet?: YES
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F
Design Relative Humidity: 50 %
Moisture Capacitance: None
Clg Tstat: None
Htg Tstat: None
Thermostat Location: Room Floor Multiplier: 1
Humidistat Location: Room Room Multiplier: 1
CO2 Sensor Location: None
Room Type: Conditioned

PEOPLE

People Type: General Office Space
# of People: 143 sq ft/person
People Sensible: 250 Btu/h
People Latent : 200 Btu/h
People Schedule: Available (100%)
Workstation: 1.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load to space
Fixture Type: RECFL-NV
% Load to RA: 20 %
Lighting Schedule: Available (100%)
Lighting Amount: 1.1 W/sq ft
Ballast Factor: 1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass: Type / Energy Type	Glass: Area ft²	Glass: Shade Coef	Glass: U Value Btu/h·ft²·°F	Glass: External Shading	Glass: Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
Roof - 1	10,138 ft²	0	90	4" LW Conc	0.2135	0.90		0			Overhang - None	None					
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

Room Description: Wing R1 FL-3 | **Zone Description: No Zone** | **System Description: AHU Third FL**

GENERAL INFORMATION

Floor Area: 1,367 ft² Flr-Flr Height: 12.0 ft
Plenum Height: 3.0 ft Height Above Flr:
Slab Cnstr Type: 4" LW Concrete
Room Mass: Time delay based on actual mass
Ceiling R-Value: 1.786 hr·ft²·°F/Btu
Is There Carpet?: YES
Design Clg DB / Drift Point: 75.0 °F / 81.0 °F
Design Htg DB / Drift Point: 70.0 °F / 64.0 °F
Design Relative Humidity: 50 %
Moisture Capacitance: None
Clg Tstat: None
Htg Tstat: None
Thermostat Location: Room Floor Multiplier: 1
Humidistat Location: Room Room Multiplier: 1
CO2 Sensor Location: None
Room Type: Conditioned

PEOPLE

People Type: General Office Space
# of People: 143 sq ft/person
People Sensible: 250 Btu/h
People Latent : 200 Btu/h
People Schedule: Available (100%)
Workstation: 1.0 workstation/person

LIGHTS

Lighting Type: Recessed fluorescent, not vented, 80% load to space
Fixture Type: RECFL-NV
% Load to RA: 20 %
Lighting Schedule: Available (100%)
Lighting Amount: 1.1 W/sq ft
Ballast Factor: 1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass: Type / Energy Type	Glass: Area ft²	Glass: Shade Coef	Glass: U Value Btu/h·ft²·°F	Glass: External Shading	Glass: Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
Roof - 1	1,367 ft²	0	90	4" LW Conc	0.2135	0.90		0			Overhang - None	None					
N Wall	1,761 ft²	0	0	Frame Wall, No Ins	0.4376	0.90											
Opening - 1				Window			Single Clear 1/4"	440	0.95	0.95	Overhang - None	None	0.00				
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

ENTERED VALUES
ROOM BY ROOM
By Honeywell Inc

Room Description: Wing R2 Fl-3

GENERAL INFORMATION

Floor Area:	900 ft²	Flr-Flr Height:	12.0 ft
Plenum Height:	3.0 ft	Height Above Flr:	
Slab Cnstr Type:	4" LW Concrete		
Room Mass:	Time delay based on actual mass		
Ceiling R-Value:	1.786 hr·ft²·°F/Btu		
Is There Carpet?:	YES		
Design Clg DB / Drift Point:	75.0 °F / 81.0 °F		
Design Htg DB / Drift Point:	70.0 °F / 64.0 °F		
Design Relative Humidity:	50 %		
Moisture Capacitance:	None		
Clg Tstat:	None		
Htg Tstat:	None		
Thermostat Location:	Room	Floor Multiplier:	1
Humidistat Location:	Room	Room Multiplier:	1
CO2 Sensor Location:	None		
Room Type:	Conditioned		

Zone Description: No Zone

PEOPLE

People Type:	General Office Space
# of People:	143 sq ft/person
People Sensible:	250 Btu/h
People Latent :	200 Btu/h
People Schedule:	Available (100%)
Workstation:	1.0 workstation/person

LIGHTS

Lighting Type:	Recessed fluorescent, not vented, 80% load to space
Fixture Type:	RECFL-NV
% Load to RA:	20 %
Lighting Schedule:	Available (100%)
Lighting Amount:	1.1 W/sq ft
Ballast Factor:	1.0

System Description: AHU Third FL

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass Type / Energy Type	Glass Area ft²	Glass Shade Coef	Glass U Value Btu/h·ft²·°F	Glass External Shading	Glass Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
Roof - 1	900 ft²	0	90	4" LW Conc	0.2135	0.90		0			Overhang - None	None					
E Wall	1,200 ft²	90	0	Frame Wall, No Ins	0.4376	0.90											
Opening - 1				Window			Single Clear 1/4"	300	0.95	0.95	Overhang - None	None	0.00				
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

ENTERED VALUES

ROOM BY ROOM

By Honeywell Inc

Room Description: Wing R3 FL-3 | **Zone Description: No Zone** | **System Description: AHU Third FL**

GENERAL INFORMATION

Floor Area:	1,367 ft²	Flr-Flr Height:	12.0 ft
Plenum Height:	3.0 ft	Height Above Flr:	
Slab Cnstr Type:	4" LW Concrete		
Room Mass:	Time delay based on actual mass		
Ceiling R-Value:	1.786 hr·ft²·°F/Btu		
Is There Carpet?:	YES		
Design Clg DB / Drift Point:	75.0 °F / 81.0 °F		
Design Htg DB / Drift Point:	70.0 °F / 64.0 °F		
Design Relative Humidity:	50 %		
Moisture Capacitance:	None		
Clg Tstat:	None		
Htg Tstat:	None		
Thermostat Location:	Room	Floor Multiplier:	1
Humidistat Location:	Room	Room Multiplier:	1
CO2 Sensor Location:	None		
Room Type:	Conditioned		

PEOPLE

People Type:	General Office Space
# of People:	143 sq ft/person
People Sensible:	250 Btu/h
People Latent :	200 Btu/h
People Schedule:	Available (100%)
Workstation:	1.0 workstation/person

LIGHTS

Lighting Type:	Recessed fluorescent, not vented, 80% load to space
Fixture Type:	RECFL-NV
% Load to RA:	20 %
Lighting Schedule:	Available (100%)
Lighting Amount:	1.1 W/sq ft
Ballast Factor:	1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass Type / Energy Type	Glass Area ft²	Glass Shade Coef	Glass U Value Btu/h·ft²·°F	Glass External Shading	Glass Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
Roof - 1	1,367 ft²	0	90	4" LW Conc	0.2135	0.90		0			Overhang - None	None					
S Wall	1,761 ft²	180	0	Frame Wall, No Ins	0.4376	0.90											
Opening - 1				Window			Single Clear 1/4"	440	0.95	0.95	Overhang - None	None	0.00				
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

ENTERED VALUES
ROOM BY ROOM
By Honeywell Inc

Room Description: Wing R4 FL-3 | **Zone Description: No Zone** | **System Description: AHU Third FL**

GENERAL INFORMATION

Floor Area:	900 ft²	Flr-Flr Height:	12.0 ft
Plenum Height:	3.0 ft	Height Above Flr:	
Slab Cnstr Type:	4" LW Concrete		
Room Mass:	Time delay based on actual mass		
Ceiling R-Value:	1.786 hr·ft²·°F/Btu		
Is There Carpet?:	YES		
Design Clg DB / Drift Point:	75.0 °F / 81.0 °F		
Design Htg DB / Drift Point:	70.0 °F / 64.0 °F		
Design Relative Humidity:	50 %		
Moisture Capacitance:	None		
Clg Tstat:	None		
Htg Tstat:	None		
Thermostat Location:	Room	Floor Multiplier:	1
Humidistat Location:	Room	Room Multiplier:	1
CO2 Sensor Location:	None		
Room Type:	Conditioned		

PEOPLE

People Type:	General Office Space
# of People:	143 sq ft/person
People Sensible:	250 Btu/h
People Latent :	200 Btu/h
People Schedule:	Available (100%)
Workstation:	1.0 workstation/person

LIGHTS

Lighting Type:	Recessed fluorescent, not vented, 80% load to space
Fixture Type:	RECFL-NV
% Load to RA:	20 %
Lighting Schedule:	Available (100%)
Lighting Amount:	1.1 W/sq ft
Ballast Factor:	1.0

AIRFLOW INFORMATION

	Cooling	Heating
Vent Type:	General Office Space	General Office Space
Vent Value:	20.00 cfm/person	20.00 cfm/person
Vent Schedule:	Vent - Office	
Infil Type:	None	None
Infil Value:	0.00 air changes/hr	0.00 air changes/hr
Infil Schedule:	Available (100%)	
Vav Min Airflow:		
Vav Min Sched:	Available (100%)	
Supply:	To be calculated	To be calculated
Aux Supply:	To be calculated	To be calculated
Room Exhaust:		
Rm Exh Sched:	Available (100%)	

Description	Area/ Amount	Dir	Tilt	Const Type / Schedule	U Value Btu/h·ft²·°F	Alpha	Glass Type / Energy Type	Glass Area ft²	Glass Shade Coef	Glass U Value Btu/h·ft²·°F	Glass External Shading	Glass Internal Shading	Adj Temp/ Grnd Refl	Pct Sen/ Cool Tmp	Pct Rm/ Heat Tmp	Pct Ret/ Perm Len	Rad Frc/ Loss Coef
Roof - 1	900 ft²	0	90	4" LW Conc	0.2135	0.90		0			Overhang - None	None					
W Wall	1,200 ft²	270	0	Frame Wall, No Ins	0.4376	0.90											
Opening - 1				Window			Single Clear 1/4"	300	0.95	0.95	Overhang - None	None	0.00				
Misc Load 1	0.5 W/sq ft			Available (100%)			Electricity							100	100	0	60.00

SYSTEM ENTERED VALUES

By Honeywell Inc

AHU Second FL - VAV w/Baseboard Skin Heating

Design Air Conditions

	Max	Min				
Cooling supply:			Supply duct temperature diff:	0.0 °F	Design humidity ratio diff:	
Leaving cooling coil:			Reheat Temperature diff:	0.0 °F	Min room relative humidity:	
Heating supply:						

Advanced Options

Cooling coil sizing method:	Block	Supply fan motor location:	Supply	Night purge schedule:	Off (0%)
Cooling coil location:	System	Return fan motor location:	Return	Optimum start schedule:	Off (0%)
Block cooling airflow:		Supply fan cofiguration:	Draw Thru	Optimum stop schedule:	Off (0%)
Ventilation deck location:	Return/Outdoor Deck	Supply fan sizing:	Block		
Supply duct location:	Return Air	Fan mechanical efficiency :	75%	CO2-based DCV:	None
Return air path:	PLENUM	Apply Std62 People Avg:	No		
		Std62 Max Vent (Z) Ratio:		System ventilation flag:	Sum Room OA Reqs

Reset per worst case room schedule:	Off (0%)		Supply air path / duct location:	Return Air
Max reset:			Space convective gains to occupied layer:	
Use system default outside air reset:	Yes		Underfloor plenum height:	0.0 ft
			Conductive resistance of raised floor:	0.8 hr·ft²·°F/Btu
			Upstream nominal leakage fraction:	0 %
			Downstream constant leakage fraction:	0 %
			Aux cooling coil losses to plenum:	0 %

	Control Method	Control Type
Auxiliary cooling coil	Activate After Primary System	None
Auxiliary heating coil	Follow Outside Air Reset Schedule	Wall Convector
Auxiliary fan	No Fan	

Coils

	Capacity	Schedule	Diversity	
Main cooling:	100.0 % of Design Capacity by adjusting a	Available (100%)	People	100%
Aux cooling:		Available (100%)	Lights	100%
Main heating:	100.0 % of Design Capacity	Available (100%)	Misc loads	100%
Aux heating:	100 % of Design Capacity	Available (100%)		
Preheat:	100.0% of Design Capacity	Available (100%)		
Reheat:	100.0 % of Design Capacity	Available (100%)		
Humidification:	100.0 % of Design Capacity	Available (100%)		

Fans

	Type	Static Press.	Full Load Energy Rate	Schedule	Efficiency	Demand Limiting Priority
Primary	FC Centrifugal var freq drv	2.0 in. wg	20.00000 Nominal Hp	Available (100%)	90	
Secondary	None	0.0 in. wg	0.00000 kW	Available (100%)	85	
Return	None	0.0 in. wg	0.00000 kW	Available (100%)	90	
System Exhaust	None	0.0 in. wg	0.00000 kW	Available (100%)	90	
Room Exhaust	None	0.0 in. wg	0.00000 kW	Available (100%)	85	
Optional ventilation	None	0.0 in. wg	0.00000 kW	Available (100%)	90	
Auxiliary	FC Centrifugal const vol	4.0 in. wg	0.00032 kW/Cfm-in wg	Available (100%)	85	
	LEED Fan Power Adjustment	0.0 in. wg				

SYSTEM ENTERED VALUES

By Honeywell Inc

AHU 1 First FL - VAV w/Baseboard Skin Heating

Design Air Conditions

	Max	Min				
Cooling supply:			Supply duct temperature diff:	0.0 °F	Design humidity ratio diff:	
Leaving cooling coil:			Reheat Temperature diff:	0.0 °F	Min room relative humidity:	
Heating supply:						

Advanced Options

Cooling coil sizing method:	Block	Supply fan motor location:	Supply	Night purge schedule:	Off (0%)
Cooling coil location:	System	Return fan motor location:	Return	Optimum start schedule:	Off (0%)
Block cooling airflow:		Supply fan cofiguration:	Draw Thru	Optimum stop schedule:	Off (0%)
Ventilation deck location:	Return/Outdoor Deck	Supply fan sizing:	Block		
Supply duct location:	Return Air	Fan mechanical efficiency :	75%	CO2-based DCV:	None
Return air path:	PLENUM	Apply Std62 People Avg:	No		
		Std62 Max Vent (Z) Ratio:		System ventilation flag:	Sum Room OA Reqs

Reset per worst case room schedule:	Off (0%)		Supply air path / duct location:	Return Air
Max reset:			Space convective gains to occupied layer:	
Use system default outside air reset:	Yes		Underfloor plenum height:	0.0 ft
			Conductive resistance of raised floor:	0.8 hr·ft²·°F/Btu
			Upstream nominal leakage fraction:	0 %
			Downstream constant leakage fraction:	0 %
			Aux cooling coil losses to plenum:	0 %

	Control Method	Control Type
Auxiliary cooling coil	Activate After Primary System	None
Auxiliary heating coil	Follow Outside Air Reset Schedule	Wall Convector
Auxiliary fan	No Fan	

Coils

	Capacity	Schedule	Diversity	
Main cooling:	100.0 % of Design Capacity by adjusting a	Available (100%)	People	100%
Aux cooling:		Available (100%)	Lights	100%
Main heating:	100.0 % of Design Capacity	Available (100%)	Misc loads	100%
Aux heating:	100 % of Design Capacity	Available (100%)		
Preheat:	100.0% of Design Capacity	Available (100%)		
Reheat:	100.0 % of Design Capacity	Available (100%)		
Humidification:	100.0 % of Design Capacity	Available (100%)		

Fans

	Type	Static Press.	Full Load Energy Rate	Schedule	Efficiency	Demand Limiting Priority
Primary	FC Centrifugal var freq drv	2.0 in. wg	25.00000 Nominal Hp	Available (100%)	90	
Secondary	None	0.0 in. wg	0.00000 kW	Available (100%)	85	
Return	None	0.0 in. wg	0.00000 kW	Available (100%)	90	
System Exhaust	None	0.0 in. wg	0.00000 kW	Available (100%)	90	
Room Exhaust	None	0.0 in. wg	0.00000 kW	Available (100%)	85	
Optional ventilation	None	0.0 in. wg	0.00000 kW	Available (100%)	90	
Auxiliary	None	0.0 in. wg	0.00000 kW	Available (100%)	85	
	LEED Fan Power Adjustment	0.0 in. wg				

SYSTEM ENTERED VALUES

By Honeywell Inc

AHU Third FL - Double Deck Multizone

Design Air Conditions

	Max	Min				
Cooling supply:			Supply duct temperature diff:	0.0 °F	Design humidity ratio diff:	
Leaving cooling coil:			Reheat Temperature diff:	0.0 °F	Min room relative humidity:	
Heating supply:						

Advanced Options

Cooling coil sizing method:	Block	Supply fan motor location:	Supply	Night purge schedule:	Off (0%)
Cooling coil location:	System	Return fan motor location:	Return	Optimum start schedule:	Off (0%)
Block cooling airflow:		Supply fan cofiguration:	Draw Thru	Optimum stop schedule:	Off (0%)
Ventilation deck location:	Return/Outdoor Deck	Supply fan sizing:	Peak		
Supply duct location:	Return Air	Fan mechanical efficiency :	75%	CO2-based DCV:	None
Return air path:	PLENUM	Apply Std62 People Avg:	No		
		Std62 Max Vent (Z) Ratio:		System ventilation flag:	Sum Room OA Reqs

Reset per worst case room schedule:	Off (0%)		Supply air path / duct location:	Return Air
Max reset:			Space convective gains to occupied layer:	
Use system default outside air reset:	Yes		Underfloor plenum height:	0.0 ft
			Conductive resistance of raised floor:	0.8 hr·ft²·°F/Btu
			Upstream nominal leakage fraction:	0 %
			Downstream constant leakage fraction:	0 %
			Aux cooling coil losses to plenum:	0 %

	Control Method	Control Type
Auxiliary cooling coil	Activate After Primary System	None
Auxiliary heating coil	Activate After Primary System	None
Auxiliary fan	No Fan	

Coils

	Capacity	Schedule	Diversity	
Main cooling:	100.0 % of Design Capacity by adjusting a	Available (100%)	People	100%
Aux cooling:		Available (100%)	Lights	100%
Main heating:	100.0 % of Design Capacity	Available (100%)	Misc loads	100%
Aux heating:		Available (100%)		
Preheat:	100.0% of Design Capacity	Available (100%)		
Reheat:	100.0 % of Design Capacity	Available (100%)		
Humidification:	100.0 % of Design Capacity	Available (100%)		

Fans

	Type	Static Press.	Full Load Energy Rate	Schedule	Efficiency	Demand Limiting Priority
Primary	FC Centrifugal const vol	2.0 in. wg	20.00000 Nominal Hp	Available (100%)	90	
Secondary	None	0.0 in. wg	0.00000 kW	Available (100%)	85	
Return	None	0.0 in. wg	0.00000 kW	Available (100%)	90	
System Exhaust	None	0.0 in. wg	0.00000 kW	Available (100%)	90	
Room Exhaust	None	0.0 in. wg	0.00000 kW	Available (100%)	85	
Optional ventilation	None	0.0 in. wg	0.00000 kW	Available (100%)	90	
Auxiliary	None	0.0 in. wg	0.00000 kW	Available (100%)	85	
	LEED Fan Power Adjustment	0.0 in. wg				

SYSTEM ENTERED VALUES

By Honeywell Inc

AHU Second FL - VAV w/Baseboard Skin Heating

Design Air Conditions

	Max	Min
Cooling supply:		
Leaving cooling coil:		
Heating supply:		

Supply duct temperature diff: 0.0 °F
Reheat Temperature diff: 0.0 °F
Design humidity ratio diff:
Min room relative humidity:

Advanced Options

Cooling coil sizing method:	Block	Supply fan motor location:	Supply	Night purge schedule:	Off (0%)
Cooling coil location:	System	Return fan motor location:	Return	Optimum start schedule:	Off (0%)
Block cooling airflow:		Supply fan cofiguration:	Draw Thru	Optimum stop schedule:	Off (0%)
Ventilation deck location:	Return/Outdoor Deck	Supply fan sizing:	Block		
Supply duct location:	Return Air	Fan mechanical efficiency :	75%	CO2-based DCV:	None
Return air path:	PLENUM	Apply Std62 People Avg:	No		
		Std62 Max Vent (Z) Ratio:		System ventilation flag:	Sum Room OA Reqs

Reset per worst case room schedule: Off (0%)
Max reset:
Use system default outside air reset: Yes

Supply air path / duct location: Return Air
Space convective gains to occupied layer:
Underfloor plenum height: 0.0 ft
Conductive resistance of raised floor: 0.8 hr·ft²·°F/Btu
Upstream nominal leakage fraction: 0 %
Downstream constant leakage fraction: 0 %
Aux cooling coil losses to plenum: 0 %

	Control Method	Control Type
Auxiliary cooling coil	Activate After Primary System	None
Auxiliary heating coil	Follow Outside Air Reset Schedule	Wall Convector
Auxiliary fan	No Fan	

Coils

	Capacity	Schedule	Diversity	
Main cooling:	100.0 % of Design Capacity by adjusting a	Available (100%)	People	100%
Aux cooling:		Available (100%)	Lights	100%
Main heating:	100.0 % of Design Capacity	Available (100%)	Misc loads	100%
Aux heating:	100 % of Design Capacity	Available (100%)		
Preheat:	100.0% of Design Capacity	Available (100%)		
Reheat:	100.0 % of Design Capacity	Available (100%)		
Humidification:	100.0 % of Design Capacity	Available (100%)		

Fans

	Type	Static Press.	Full Load Energy Rate	Schedule	Efficiency	Demand Limiting Priority
Primary	FC Centrifugal var freq drv	2.0 in. wg	20.00000 Nominal Hp	Available (100%)	90	
Secondary	None	0.0 in. wg	0.00000 kW	Available (100%)	85	
Return	None	0.0 in. wg	0.00000 kW	Available (100%)	90	
System Exhaust	None	0.0 in. wg	0.00000 kW	Available (100%)	90	
Room Exhaust	None	0.0 in. wg	0.00000 kW	Available (100%)	85	
Optional ventilation	None	0.0 in. wg	0.00000 kW	Available (100%)	90	
Auxiliary	FC Centrifugal const vol	4.0 in. wg	0.00032 kW/Cfm-in wg	Available (100%)	85	
	LEED Fan Power Adjustment	0.0 in. wg				

SYSTEM ENTERED VALUES

By Honeywell Inc

AHU 1 First FL - VAV w/Baseboard Skin Heating

Design Air Conditions

	Max	Min				
Cooling supply:			Supply duct temperature diff:	0.0 °F	Design humidity ratio diff:	
Leaving cooling coil:			Reheat Temperature diff:	0.0 °F	Min room relative humidity:	
Heating supply:						

Advanced Options

Cooling coil sizing method:	Block	Supply fan motor location:	Supply	Night purge schedule:	Off (0%)
Cooling coil location:	System	Return fan motor location:	Return	Optimum start schedule:	Off (0%)
Block cooling airflow:		Supply fan cofiguration:	Draw Thru	Optimum stop schedule:	Off (0%)
Ventilation deck location:	Return/Outdoor Deck	Supply fan sizing:	Block		
Supply duct location:	Return Air	Fan mechanical efficiency :	75%	CO2-based DCV:	None
Return air path:	PLENUM	Apply Std62 People Avg:	No		
		Std62 Max Vent (Z) Ratio:		System ventilation flag:	Sum Room OA Reqs

Reset per worst case room schedule:	Off (0%)		Supply air path / duct location:	Return Air
Max reset:			Space convective gains to occupied layer:	
Use system default outside air reset:	Yes		Underfloor plenum height:	0.0 ft
			Conductive resistance of raised floor:	0.8 hr-ft²-°F/Btu
			Upstream nominal leakage fraction:	0 %
			Downstream constant leakage fraction:	0 %
			Aux cooling coil losses to plenum:	0 %

	Control Method	Control Type
Auxiliary cooling coil	Activate After Primary System	None
Auxiliary heating coil	Follow Outside Air Reset Schedule	Wall Convector
Auxiliary fan	No Fan	

Coils

	Capacity	Schedule	Diversity	
Main cooling:	100.0 % of Design Capacity by adjusting a	Available (100%)	People	100%
Aux cooling:		Available (100%)	Lights	100%
Main heating:	100.0 % of Design Capacity	Available (100%)	Misc loads	100%
Aux heating:	100 % of Design Capacity	Available (100%)		
Preheat:	100.0% of Design Capacity	Available (100%)		
Reheat:	100.0 % of Design Capacity	Available (100%)		
Humidification:	100.0 % of Design Capacity	Available (100%)		

Fans

	Type	Static Press.	Full Load Energy Rate	Schedule	Efficiency	Demand Limiting Priority
Primary	FC Centrifugal var freq drv	2.0 in. wg	25.00000 Nominal Hp	Available (100%)	90	
Secondary	None	0.0 in. wg	0.00000 kW	Available (100%)	85	
Return	None	0.0 in. wg	0.00000 kW	Available (100%)	90	
System Exhaust	None	0.0 in. wg	0.00000 kW	Available (100%)	90	
Room Exhaust	None	0.0 in. wg	0.00000 kW	Available (100%)	85	
Optional ventilation	None	0.0 in. wg	0.00000 kW	Available (100%)	90	
Auxiliary	None	0.0 in. wg	0.00000 kW	Available (100%)	85	
	LEED Fan Power Adjustment	0.0 in. wg				

SYSTEM ENTERED VALUES

By Honeywell Inc

AHU Third FL - Double Deck Multizone

Design Air Conditions

	Max	Min				
Cooling supply:			Supply duct temperature diff:	0.0 °F	Design humidity ratio diff:	
Leaving cooling coil:			Reheat Temperature diff:	0.0 °F	Min room relative humidity:	
Heating supply:						

Advanced Options

Cooling coil sizing method:	Block	Supply fan motor location:	Supply	Night purge schedule:	Off (0%)
Cooling coil location:	System	Return fan motor location:	Return	Optimum start schedule:	Off (0%)
Block cooling airflow:		Supply fan cofiguration:	Draw Thru	Optimum stop schedule:	Off (0%)
Ventilation deck location:	Return/Outdoor Deck	Supply fan sizing:	Peak		
Supply duct location:	Return Air	Fan mechanical efficiency :	75%	CO2-based DCV:	None
Return air path:	PLENUM	Apply Std62 People Avg:	No		
		Std62 Max Vent (Z) Ratio:		System ventilation flag:	Sum Room OA Reqs

Reset per worst case room schedule:	Off (0%)		Supply air path / duct location:	Return Air
Max reset:			Space convective gains to occupied layer:	
Use system default outside air reset:	Yes		Underfloor plenum height:	0.0 ft
			Conductive resistance of raised floor:	0.8 hr·ft²·°F/Btu
			Upstream nominal leakage fraction:	0 %
			Downstream constant leakage fraction:	0 %
			Aux cooling coil losses to plenum:	0 %

	Control Method	Control Type
Auxiliary cooling coil	Activate After Primary System	None
Auxiliary heating coil	Activate After Primary System	None
Auxiliary fan	No Fan	

Coils

	Capacity	Schedule	Diversity	
Main cooling:	100.0 % of Design Capacity by adjusting a	Available (100%)	People	100%
Aux cooling:		Available (100%)	Lights	100%
Main heating:	100.0 % of Design Capacity	Available (100%)	Misc loads	100%
Aux heating:		Available (100%)		
Preheat:	100.0% of Design Capacity	Available (100%)		
Reheat:	100.0 % of Design Capacity	Available (100%)		
Humidification:	100.0 % of Design Capacity	Available (100%)		

Fans

	Type	Static Press.	Full Load Energy Rate	Schedule	Efficiency	Demand Limiting Priority
Primary	FC Centrifugal const vol	2.0 in. wg	20.00000 Nominal Hp	Available (100%)	90	
Secondary	None	0.0 in. wg	0.00000 kW	Available (100%)	85	
Return	None	0.0 in. wg	0.00000 kW	Available (100%)	90	
System Exhaust	None	0.0 in. wg	0.00000 kW	Available (100%)	90	
Room Exhaust	None	0.0 in. wg	0.00000 kW	Available (100%)	85	
Optional ventilation	None	0.0 in. wg	0.00000 kW	Available (100%)	90	
Auxiliary	None	0.0 in. wg	0.00000 kW	Available (100%)	85	
	LEED Fan Power Adjustment	0.0 in. wg				

SYSTEM ENTERED VALUES

By Honeywell Inc

AHU Second FL - VAV w/Baseboard Skin Heating

Design Air Conditions

	Max	Min				
Cooling supply:			Supply duct temperature diff:	0.0 °F	Design humidity ratio diff:	
Leaving cooling coil:			Reheat Temperature diff:	0.0 °F	Min room relative humidity:	
Heating supply:						

Advanced Options

Cooling coil sizing method:	Block	Supply fan motor location:	Supply	Night purge schedule:	Off (0%)
Cooling coil location:	System	Return fan motor location:	Return	Optimum start schedule:	Off (0%)
Block cooling airflow:		Supply fan cofiguration:	Draw Thru	Optimum stop schedule:	Off (0%)
Ventilation deck location:	Return/Outdoor Deck	Supply fan sizing:	Block		
Supply duct location:	Return Air	Fan mechanical efficiency :	75%	CO2-based DCV:	None
Return air path:	PLENUM	Apply Std62 People Avg:	No		
		Std62 Max Vent (Z) Ratio:		System ventilation flag:	Sum Room OA Reqs

Reset per worst case room schedule:	Off (0%)	Supply air path / duct location:	Return Air
Max reset:		Space convective gains to occupied layer:	
Use system default outside air reset:	Yes	Underfloor plenum height:	0.0 ft
		Conductive resistance of raised floor:	0.8 hr·ft²·°F/Btu
		Upstream nominal leakage fraction:	0 %
		Downstream constant leakage fraction:	0 %
		Aux cooling coil losses to plenum:	0 %

	Control Method	Control Type
Auxiliary cooling coil	Activate After Primary System	None
Auxiliary heating coil	Follow Outside Air Reset Schedule	Wall Convector
Auxiliary fan	No Fan	

Coils

	Capacity	Schedule	Diversity	
Main cooling:	100.0 % of Design Capacity by adjusting a	Available (100%)	People	100%
Aux cooling:		Available (100%)	Lights	100%
Main heating:	100.0 % of Design Capacity	Available (100%)	Misc loads	100%
Aux heating:	100 % of Design Capacity	Available (100%)		
Preheat:	100.0% of Design Capacity	Available (100%)		
Reheat:	100.0 % of Design Capacity	Available (100%)		
Humidification:	100.0 % of Design Capacity	Available (100%)		

Fans

	Type	Static Press.	Full Load Energy Rate	Schedule	Efficiency	Demand Limiting Priority
Primary	FC Centrifugal var freq drv	2.0 in. wg	20.00000 Nominal Hp	Available (100%)	90	
Secondary	None	0.0 in. wg	0.00000 kW	Available (100%)	85	
Return	None	0.0 in. wg	0.00000 kW	Available (100%)	90	
System Exhaust	None	0.0 in. wg	0.00000 kW	Available (100%)	90	
Room Exhaust	None	0.0 in. wg	0.00000 kW	Available (100%)	85	
Optional ventilation	None	0.0 in. wg	0.00000 kW	Available (100%)	90	
Auxiliary	FC Centrifugal const vol	4.0 in. wg	0.00032 kW/Cfm-in wg	Available (100%)	85	
	LEED Fan Power Adjustment	0.0 in. wg				

SYSTEM ENTERED VALUES

By Honeywell Inc

AHU 1 First FL - VAV w/Baseboard Skin Heating

Design Air Conditions

	Max	Min				
Cooling supply:			Supply duct temperature diff:	0.0 °F	Design humidity ratio diff:	
Leaving cooling coil:			Reheat Temperature diff:	0.0 °F	Min room relative humidity:	
Heating supply:						

Advanced Options

Cooling coil sizing method:	Block	Supply fan motor location:	Supply	Night purge schedule:	Off (0%)
Cooling coil location:	System	Return fan motor location:	Return	Optimum start schedule:	Off (0%)
Block cooling airflow:		Supply fan cofiguration:	Draw Thru	Optimum stop schedule:	Off (0%)
Ventilation deck location:	Return/Outdoor Deck	Supply fan sizing:	Block		
Supply duct location:	Return Air	Fan mechanical efficiency :	75%	CO2-based DCV:	None
Return air path:	PLENUM	Apply Std62 People Avg:	No		
		Std62 Max Vent (Z) Ratio:		System ventilation flag:	Sum Room OA Reqs

Reset per worst case room schedule:	Off (0%)		Supply air path / duct location:	Return Air
Max reset:			Space convective gains to occupied layer:	
Use system default outside air reset:	Yes		Underfloor plenum height:	0.0 ft
			Conductive resistance of raised floor:	0.8 hr·ft²·°F/Btu
			Upstream nominal leakage fraction:	0 %
			Downstream constant leakage fraction:	0 %
			Aux cooling coil losses to plenum:	0 %

	Control Method	Control Type
Auxiliary cooling coil	Activate After Primary System	None
Auxiliary heating coil	Follow Outside Air Reset Schedule	Wall Convector
Auxiliary fan	No Fan	

Coils

	Capacity	Schedule	Diversity	
Main cooling:	100.0 % of Design Capacity by adjusting a	Available (100%)	People	100%
Aux cooling:		Available (100%)	Lights	100%
Main heating:	100.0 % of Design Capacity	Available (100%)	Misc loads	100%
Aux heating:	100 % of Design Capacity	Available (100%)		
Preheat:	100.0% of Design Capacity	Available (100%)		
Reheat:	100.0 % of Design Capacity	Available (100%)		
Humidification:	100.0 % of Design Capacity	Available (100%)		

Fans

	Type	Static Press.	Full Load Energy Rate	Schedule	Efficiency	Demand Limiting Priority
Primary	FC Centrifugal var freq drv	2.0 in. wg	25.00000 Nominal Hp	Available (100%)	90	
Secondary	None	0.0 in. wg	0.00000 kW	Available (100%)	85	
Return	None	0.0 in. wg	0.00000 kW	Available (100%)	90	
System Exhaust	None	0.0 in. wg	0.00000 kW	Available (100%)	90	
Room Exhaust	None	0.0 in. wg	0.00000 kW	Available (100%)	85	
Optional ventilation	None	0.0 in. wg	0.00000 kW	Available (100%)	90	
Auxiliary	None	0.0 in. wg	0.00000 kW	Available (100%)	85	
	LEED Fan Power Adjustment	0.0 in. wg				

SYSTEM ENTERED VALUES

By Honeywell Inc

AHU Third FL - Double Deck Multizone

Design Air Conditions

	Max	Min
Cooling supply:		
Leaving cooling coil:		
Heating supply:		

Supply duct temperature diff: 0.0 °F
Reheat Temperature diff: 0.0 °F
Design humidity ratio diff:
Min room relative humidity:

Advanced Options

Cooling coil sizing method: Block
Cooling coil location: System
Block cooling airflow:
Ventilation deck location: Return/Outdoor Deck
Supply duct location: Return Air
Return air path: PLENUM

Supply fan motor location: Supply
Return fan motor location: Return
Supply fan cofiguration: Draw Thru
Supply fan sizing: Peak
Fan mechanical efficiency : 75%
Apply Std62 People Avg: No
Std62 Max Vent (Z) Ratio:

Night purge schedule: Off (0%)
Optimum start schedule: Off (0%)
Optimum stop schedule: Off (0%)

CO2-based DCV: None

System ventilation flag: Sum Room OA Reqs

Reset per worst case room schedule: Off (0%)
Max reset:
Use system default outside air reset: Yes

Supply air path / duct location: Return Air
Space convective gains to occupied layer:
Underfloor plenum height: 0.0 ft
Conductive resistance of raised floor: 0.8 hr·ft²·°F/Btu
Upstream nominal leakage fraction: 0 %
Downstream constant leakage fraction: 0 %
Aux cooling coil losses to plenum: 0 %

	Control Method	Control Type
Auxiliary cooling coil	Activate After Primary System	None
Auxiliary heating coil	Activate After Primary System	None
Auxiliary fan	No Fan	

Coils

	Capacity	Schedule
Main cooling:	100.0 % of Design Capacity by adjusting a	Available (100%)
Aux cooling:		Available (100%)
Main heating:	100.0 % of Design Capacity	Available (100%)
Aux heating:		Available (100%)
Preheat:	100.0% of Design Capacity	Available (100%)
Reheat:	100.0 % of Design Capacity	Available (100%)
Humidification:	100.0 % of Design Capacity	Available (100%)

Diversity
People 100%
Lights 100%
Misc loads 100%

Fans

	Type	Static Press.	Full Load Energy Rate	Schedule	Efficiency	Demand Limiting Priority
Primary	FC Centrifugal const vol	2.0 in. wg	20.00000 Nominal Hp	Available (100%)	90	
Secondary	None	0.0 in. wg	0.00000 kW	Available (100%)	85	
Return	None	0.0 in. wg	0.00000 kW	Available (100%)	90	
System Exhaust	None	0.0 in. wg	0.00000 kW	Available (100%)	90	
Room Exhaust	None	0.0 in. wg	0.00000 kW	Available (100%)	85	
Optional ventilation	None	0.0 in. wg	0.00000 kW	Available (100%)	90	
Auxiliary	None	0.0 in. wg	0.00000 kW	Available (100%)	85	
	LEED Fan Power Adjustment	0.0 in. wg				

SYSTEM ENTERED VALUES

By Honeywell Inc

AHU Second FL - VAV w/Baseboard Skin Heating

Design Air Conditions

	Max	Min				
Cooling supply:			Supply duct temperature diff:	0.0 °F	Design humidity ratio diff:	
Leaving cooling coil:			Reheat Temperature diff:	0.0 °F	Min room relative humidity:	
Heating supply:						

Advanced Options

Cooling coil sizing method:	Block	Supply fan motor location:	Supply	Night purge schedule:	Off (0%)
Cooling coil location:	System	Return fan motor location:	Return	Optimum start schedule:	Off (0%)
Block cooling airflow:		Supply fan cofiguration:	Draw Thru	Optimum stop schedule:	Off (0%)
Ventilation deck location:	Return/Outdoor Deck	Supply fan sizing:	Block		
Supply duct location:	Return Air	Fan mechanical efficiency :	75%	CO2-based DCV:	None
Return air path:	PLENUM	Apply Std62 People Avg:	No		
		Std62 Max Vent (Z) Ratio:		System ventilation flag:	Sum Room OA Reqs

Reset per worst case room schedule:	Off (0%)		Supply air path / duct location:	Return Air
Max reset:			Space convective gains to occupied layer:	
Use system default outside air reset:	Yes		Underfloor plenum height:	0.0 ft
			Conductive resistance of raised floor:	0.8 hr·ft²·°F/Btu
			Upstream nominal leakage fraction:	0 %
			Downstream constant leakage fraction:	0 %
			Aux cooling coil losses to plenum:	0 %

	Control Method	Control Type
Auxiliary cooling coil	Activate After Primary System	None
Auxiliary heating coil	Follow Outside Air Reset Schedule	Wall Convector
Auxiliary fan	No Fan	

Coils

	Capacity	Schedule	Diversity	
Main cooling:	100.0 % of Design Capacity by adjusting a	Available (100%)	People	100%
Aux cooling:		Available (100%)	Lights	100%
Main heating:	100.0 % of Design Capacity	Available (100%)	Misc loads	100%
Aux heating:	100 % of Design Capacity	Available (100%)		
Preheat:	100.0% of Design Capacity	Available (100%)		
Reheat:	100.0 % of Design Capacity	Available (100%)		
Humidification:	100.0 % of Design Capacity	Available (100%)		

Fans

	Type	Static Press.	Full Load Energy Rate	Schedule	Efficiency	Demand Limiting Priority
Primary	FC Centrifugal var freq drv	2.0 in. wg	20.00000 Nominal Hp	Available (100%)	90	
Secondary	None	0.0 in. wg	0.00000 kW	Available (100%)	85	
Return	None	0.0 in. wg	0.00000 kW	Available (100%)	90	
System Exhaust	None	0.0 in. wg	0.00000 kW	Available (100%)	90	
Room Exhaust	None	0.0 in. wg	0.00000 kW	Available (100%)	85	
Optional ventilation	None	0.0 in. wg	0.00000 kW	Available (100%)	90	
Auxiliary	FC Centrifugal const vol	4.0 in. wg	0.00032 kW/Cfm-in wg	Available (100%)	85	
	LEED Fan Power Adjustment	0.0 in. wg				

SYSTEM ENTERED VALUES

By Honeywell Inc

AHU 1 First FL - VAV w/Baseboard Skin Heating

Design Air Conditions

	Max	Min				
Cooling supply:			Supply duct temperature diff:	0.0 °F	Design humidity ratio diff:	
Leaving cooling coil:			Reheat Temperature diff:	0.0 °F	Min room relative humidity:	
Heating supply:						

Advanced Options

Cooling coil sizing method:	Block	Supply fan motor location:	Supply	Night purge schedule:	Off (0%)
Cooling coil location:	System	Return fan motor location:	Return	Optimum start schedule:	Off (0%)
Block cooling airflow:		Supply fan cofiguration:	Draw Thru	Optimum stop schedule:	Off (0%)
Ventilation deck location:	Return/Outdoor Deck	Supply fan sizing:	Block		
Supply duct location:	Return Air	Fan mechanical efficiency :	75%	CO2-based DCV:	None
Return air path:	PLENUM	Apply Std62 People Avg:	No		
		Std62 Max Vent (Z) Ratio:		System ventilation flag:	Sum Room OA Reqs

Reset per worst case room schedule:	Off (0%)		Supply air path / duct location:	Return Air
Max reset:			Space convective gains to occupied layer:	
Use system default outside air reset:	Yes		Underfloor plenum height:	0.0 ft
			Conductive resistance of raised floor:	0.8 hr·ft²·°F/Btu
			Upstream nominal leakage fraction:	0 %
			Downstream constant leakage fraction:	0 %
			Aux cooling coil losses to plenum:	0 %

	Control Method	Control Type
Auxiliary cooling coil	Activate After Primary System	None
Auxiliary heating coil	Follow Outside Air Reset Schedule	Wall Convector
Auxiliary fan	No Fan	

Coils

	Capacity	Schedule	Diversity	
Main cooling:	100.0 % of Design Capacity by adjusting a	Available (100%)	People	100%
Aux cooling:		Available (100%)	Lights	100%
Main heating:	100.0 % of Design Capacity	Available (100%)	Misc loads	100%
Aux heating:	100 % of Design Capacity	Available (100%)		
Preheat:	100.0% of Design Capacity	Available (100%)		
Reheat:	100.0 % of Design Capacity	Available (100%)		
Humidification:	100.0 % of Design Capacity	Available (100%)		

Fans

	Type	Static Press.	Full Load Energy Rate	Schedule	Efficiency	Demand Limiting Priority
Primary	FC Centrifugal var freq drv	2.0 in. wg	25.00000 Nominal Hp	Available (100%)	90	
Secondary	None	0.0 in. wg	0.00000 kW	Available (100%)	85	
Return	None	0.0 in. wg	0.00000 kW	Available (100%)	90	
System Exhaust	None	0.0 in. wg	0.00000 kW	Available (100%)	90	
Room Exhaust	None	0.0 in. wg	0.00000 kW	Available (100%)	85	
Optional ventilation	None	0.0 in. wg	0.00000 kW	Available (100%)	90	
Auxiliary	None	0.0 in. wg	0.00000 kW	Available (100%)	85	
	LEED Fan Power Adjustment	0.0 in. wg				

SYSTEM ENTERED VALUES

By Honeywell Inc

AHU Third FL - VAV w/Forced Flow Skin Heating

Design Air Conditions

	Max	Min
Cooling supply:		
Leaving cooling coil:		
Heating supply:		

Supply duct temperature diff: 0.0 °F
Reheat Temperature diff: 0.0 °F
Design humidity ratio diff:
Min room relative humidity:

Advanced Options

Cooling coil sizing method: Block
Cooling coil location: System
Block cooling airflow:
Ventilation deck location: Return/Outdoor Deck
Supply duct location: Return Air
Return air path: PLENUM

Supply fan motor location: Supply
Return fan motor location: Return
Supply fan cofiguration: Draw Thru
Supply fan sizing: Block
Fan mechanical efficiency : 75%
Apply Std62 People Avg: No
Std62 Max Vent (Z) Ratio:

Night purge schedule: Off (0%)
Optimum start schedule: Off (0%)
Optimum stop schedule: Off (0%)
CO2-based DCV: None
System ventilation flag: Sum Room OA Reqs

Reset per worst case room schedule: Off (0%)
Max reset:
Use system default outside air reset: Yes

Supply air path / duct location: Return Air
Space convective gains to occupied layer:
Underfloor plenum height: 0.0 ft
Conductive resistance of raised floor: 0.8 hr·ft²·°F/Btu
Upstream nominal leakage fraction: 0 %
Downstream constant leakage fraction: 0 %
Aux cooling coil losses to plenum: 0 %

	Control Method	Control Type
Auxiliary cooling coil	Activate After Primary System	None
Auxiliary heating coil	Follow Outside Air Reset Schedule	Fan Coil (Wall)
Auxiliary fan	Constant Volume	

Coils

	Capacity	Schedule	Diversity
Main cooling:	100.0 % of Design Capacity by adjusting a	Available (100%)	People 100%
Aux cooling:		Available (100%)	Lights 100%
Main heating:	100.0 % of Design Capacity	Available (100%)	Misc loads 100%
Aux heating:	100 % of Design Capacity	Available (100%)	
Preheat:	100.0% of Design Capacity	Available (100%)	
Reheat:	100.0 % of Design Capacity	Available (100%)	
Humidification:	100.0 % of Design Capacity	Available (100%)	

Fans

	Type	Static Press.	Full Load Energy Rate	Schedule	Efficiency	Demand Limiting Priority
Primary	FC Centrifugal const vol	2.0 in. wg	20.00000 Nominal Hp	Available (100%)	90	
Secondary	None	0.0 in. wg	0.00000 kW	Available (100%)	85	
Return	None	0.0 in. wg	0.00000 kW	Available (100%)	90	
System Exhaust	None	0.0 in. wg	0.00000 kW	Available (100%)	90	
Room Exhaust	None	0.0 in. wg	0.00000 kW	Available (100%)	85	
Optional ventilation	None	0.0 in. wg	0.00000 kW	Available (100%)	90	
Auxiliary	None	0.0 in. wg	0.00000 kW	Available (100%)	85	
	LEED Fan Power Adjustment	0.0 in. wg				

ENTERED VALUES

Walls by Direction

By Honeywell Inc

Alternative 1

North (0 degrees)

Room Description	Wall Description	Area	Tilt	Const Type	U Value Btu/h·ft²·°F	Alpha	Glass Type	Glass Area ft²	Glass SHGC	Glass U Value Btu/h·ft²·°F	External Shading	Internal Shading
W1-R1 N	N Wall	1,760.6	0	Frame Wall, No Ins	0.4376	0.90						
	Opening - 1			Window			Single Clear 1/4"	440.2	0.82	0.9500	Overhang - None	None
Wing R1 Fl-2	N Wall	1,760.6	0	Frame Wall, No Ins	0.4376	0.90						
	Opening - 1			Window			Single Clear 1/4"	440.2	0.82	0.9500	Overhang - None	None
Wing R1 FL-3	N Wall	1,760.6	0	Frame Wall, No Ins	0.4376	0.90						
	Opening - 1			Window			Single Clear 1/4"	440.2	0.82	0.9500	Overhang - None	None
		5,281.9			**0.4376**			**1,320.5**	**0.82**	**0.9500**		

East (90 degrees)

Room Description	Wall Description	Area	Tilt	Const Type	U Value Btu/h·ft²·°F	Alpha	Glass Type	Glass Area ft²	Glass SHGC	Glass U Value Btu/h·ft²·°F	External Shading	Internal Shading
W1-R2 E	E Wall	1,200.0	0	Frame Wall, No Ins	0.4376	0.90						
	Opening - 1			Window			Single Clear 1/4"	300.0	0.82	0.9500	Overhang - None	None
Wing R2 FL-2	E Wall	1,200.0	0	Frame Wall, No Ins	0.4376	0.90						
	Opening - 1			Window			Single Clear 1/4"	300.0	0.82	0.9500	Overhang - None	None
Wing R2 Fl-3	E Wall	1,200.0	0	Frame Wall, No Ins	0.4376	0.90						
	Opening - 1			Window			Single Clear 1/4"	300.0	0.82	0.9500	Overhang - None	None
		3,600.0			**0.4376**			**900.0**	**0.82**	**0.9500**		

South (180 degrees)

Room Description	Wall Description	Area	Tilt	Const Type	U Value Btu/h·ft²·°F	Alpha	Glass Type	Glass Area ft²	Glass SHGC	Glass U Value Btu/h·ft²·°F	External Shading	Internal Shading
W1-R3 S	S Wall	1,760.6	0	Frame Wall, No Ins	0.4376	0.90						
	Opening - 1			Window			Single Clear 1/4"	440.2	0.82	0.9500	Overhang - None	None
Wing R3 Fl-2	S Wall	1,760.6	0	Frame Wall, No Ins	0.4376	0.90						
	Opening - 1			Window			Single Clear 1/4"	440.2	0.82	0.9500	Overhang - None	None
Wing R3 FL-3	S Wall	1,760.6	0	Frame Wall, No Ins	0.4376	0.90						
	Opening - 1			Window			Single Clear 1/4"	440.2	0.82	0.9500	Overhang - None	None
		5,281.9			**0.4376**			**1,320.5**	**0.82**	**0.9500**		

ENTERED VALUES

Walls by Direction

By Honeywell Inc

West (270 degrees)

Room Description	Wall Description	Area	Tilt	Const Type	U Value Btu/h·ft²·°F	Alpha	Glass Type	Glass Area ft²	Glass SHGC	Glass U Value Btu/h·ft²·°F	Glass External Shading	Glass Internal Shading
W1-R4 W	W Wall Opening - 1	1,200.0	0	Frame Wall, No Ins Window	0.4376	0.90	Single Clear 1/4*	300.0	0.82	0.9500	Overhang - None	None
Wing R4 FL-2	W Wall Opening - 1	1,200.0	0	Frame Wall, No Ins Window	0.4376	0.90	Single Clear 1/4*	300.0	0.82	0.9500	Overhang - None	None
Wing R4 FL-3	W Wall Opening - 1	1,200.0	0	Frame Wall, No Ins Window	0.4376	0.90	Single Clear 1/4*	300.0	0.82	0.9500	Overhang - None	None
		3,600.0			**0.4376**			**900.0**	**0.82**	**0.9500**		
Total Area		**17,763.8**						**4,441.0**				

ENTERED VALUES

Walls by Direction

By Honeywell Inc

Alternative 2

North (0 degrees)

Room Description	Wall Description	Area	Tilt	Const Type	U Value Btu/h·ft²·°F	Alpha	Glass Type	Glass Area ft²	Glass SHGC	Glass U Value Btu/h·ft²·°F	Glass External Shading	Glass Internal Shading
W1-R1 N	N Wall	1,760.6	0	Frame Wall, No Ins	0.4376	0.90						
	Opening - 1			Window			Single Clear 1/4*	440.2	0.82	0.9500	Overhang - None	None
Wing R1 Fl-2	N Wall	1,760.6	0	Frame Wall, No Ins	0.4376	0.90						
	Opening - 1			Window			Single Clear 1/4*	440.2	0.82	0.9500	Overhang - None	None
Wing R1 FL-3	N Wall	1,760.6	0	Frame Wall, No Ins	0.4376	0.90						
	Opening - 1			Window			Single Clear 1/4*	440.2	0.82	0.9500	Overhang - None	None
		5,281.9			**0.4376**			**1,320.5**	**0.82**	**0.9500**		

East (90 degrees)

Room Description	Wall Description	Area	Tilt	Const Type	U Value Btu/h·ft²·°F	Alpha	Glass Type	Glass Area ft²	Glass SHGC	Glass U Value Btu/h·ft²·°F	Glass External Shading	Glass Internal Shading
W1-R2 E	E Wall	1,200.0	0	Frame Wall, No Ins	0.4376	0.90						
	Opening - 1			Window			Single Clear 1/4*	300.0	0.82	0.9500	Overhang - None	None
Wing R2 FL-2	E Wall	1,200.0	0	Frame Wall, No Ins	0.4376	0.90						
	Opening - 1			Window			Single Clear 1/4*	300.0	0.82	0.9500	Overhang - None	None
Wing R2 Fl-3	E Wall	1,200.0	0	Frame Wall, No Ins	0.4376	0.90						
	Opening - 1			Window			Single Clear 1/4*	300.0	0.82	0.9500	Overhang - None	None
		3,600.0			**0.4376**			**900.0**	**0.82**	**0.9500**		

South (180 degrees)

Room Description	Wall Description	Area	Tilt	Const Type	U Value Btu/h·ft²·°F	Alpha	Glass Type	Glass Area ft²	Glass SHGC	Glass U Value Btu/h·ft²·°F	Glass External Shading	Glass Internal Shading
W1-R3 S	S Wall	1,760.6	0	Frame Wall, No Ins	0.4376	0.90						
	Opening - 1			Window			Single Clear 1/4*	440.2	0.82	0.9500	Overhang - None	None
Wing R3 Fl-2	S Wall	1,760.6	0	Frame Wall, No Ins	0.4376	0.90						
	Opening - 1			Window			Single Clear 1/4*	440.2	0.82	0.9500	Overhang - None	None
Wing R3 FL-3	S Wall	1,760.6	0	Frame Wall, No Ins	0.4376	0.90						
	Opening - 1			Window			Single Clear 1/4*	440.2	0.82	0.9500	Overhang - None	None
		5,281.9			**0.4376**			**1,320.5**	**0.82**	**0.9500**		

ENTERED VALUES

Walls by Direction

By Honeywell Inc

West (270 degrees)

Room Description	Wall Description	Area	Tilt	Const Type	U Value Btu/h·ft²·°F	Alpha	Glass Type	Glass Area ft²	Glass SHGC	Glass U Value Btu/h·ft²·°F	Glass External Shading	Glass Internal Shading
W1-R4 W	W Wall	1,200.0	0	Frame Wall, No Ins	0.4376	0.90						
	Opening - 1			Window			Single Clear 1/4"	300.0	0.82	0.9500	Overhang - None	None
Wing R4 FL-2	W Wall	1,200.0	0	Frame Wall, No Ins	0.4376	0.90						
	Opening - 1			Window			Single Clear 1/4"	300.0	0.82	0.9500	Overhang - None	None
Wing R4 FL-3	W Wall	1,200.0	0	Frame Wall, No Ins	0.4376	0.90						
	Opening - 1			Window			Single Clear 1/4"	300.0	0.82	0.9500	Overhang - None	None
		3,600.0			**0.4376**			**900.0**	**0.82**	**0.9500**		
Total Area		**17,763.8**						**4,441.0**				

ENTERED VALUES

Walls by Direction

By Honeywell Inc

Alternative 3

North (0 degrees)

Room Description	Wall Description	Area	Tilt	Const Type	U Value Btu/h·ft²·°F	Alpha	Glass Type	Glass Area ft²	Glass SHGC	Glass U Value Btu/h·ft²·°F	Glass External Shading	Glass Internal Shading
W1-R1 N	N Wall	1,760.6	0	Frame Wall, No Ins	0.4376	0.90						
	Opening - 1			Window			Single Clear 1/4*	440.2	0.82	0.9500	Overhang - None	None
Wing R1 Fl-2	N Wall	1,760.6	0	Frame Wall, No Ins	0.4376	0.90						
	Opening - 1			Window			Single Clear 1/4*	440.2	0.82	0.9500	Overhang - None	None
Wing R1 FL-3	N Wall	1,760.6	0	Frame Wall, No Ins	0.4376	0.90						
	Opening - 1			Window			Single Clear 1/4*	440.2	0.82	0.9500	Overhang - None	None
		5,281.9			**0.4376**			**1,320.5**	**0.82**	**0.9500**		

East (90 degrees)

Room Description	Wall Description	Area	Tilt	Const Type	U Value Btu/h·ft²·°F	Alpha	Glass Type	Glass Area ft²	Glass SHGC	Glass U Value Btu/h·ft²·°F	Glass External Shading	Glass Internal Shading
W1-R2 E	E Wall	1,200.0	0	Frame Wall, No Ins	0.4376	0.90						
	Opening - 1			Window			Single Clear 1/4*	300.0	0.82	0.9500	Overhang - None	None
Wing R2 FL-2	E Wall	1,200.0	0	Frame Wall, No Ins	0.4376	0.90						
	Opening - 1			Window			Single Clear 1/4*	300.0	0.82	0.9500	Overhang - None	None
Wing R2 Fl-3	E Wall	1,200.0	0	Frame Wall, No Ins	0.4376	0.90						
	Opening - 1			Window			Single Clear 1/4*	300.0	0.82	0.9500	Overhang - None	None
		3,600.0			**0.4376**			**900.0**	**0.82**	**0.9500**		

South (180 degrees)

Room Description	Wall Description	Area	Tilt	Const Type	U Value Btu/h·ft²·°F	Alpha	Glass Type	Glass Area ft²	Glass SHGC	Glass U Value Btu/h·ft²·°F	Glass External Shading	Glass Internal Shading
W1-R3 S	S Wall	1,760.6	0	Frame Wall, No Ins	0.4376	0.90						
	Opening - 1			Window			Single Clear 1/4*	440.2	0.82	0.9500	Overhang - None	None
Wing R3 Fl-2	S Wall	1,760.6	0	Frame Wall, No Ins	0.4376	0.90						
	Opening - 1			Window			Single Clear 1/4*	440.2	0.82	0.9500	Overhang - None	None
Wing R3 FL-3	S Wall	1,760.6	0	Frame Wall, No Ins	0.4376	0.90						
	Opening - 1			Window			Single Clear 1/4*	440.2	0.82	0.9500	Overhang - None	None
		5,281.9			**0.4376**			**1,320.5**	**0.82**	**0.9500**		

ENTERED VALUES

Walls by Direction

By Honeywell Inc

West (270 degrees)

Room Description	Wall Description	Area	Tilt	Const Type	U Value Btu/h·ft²·°F	Alpha	Glass Type	Glass Area ft²	Glass SHGC	Glass U Value Btu/h·ft²·°F	Glass External Shading	Glass Internal Shading
W1-R4 W	W Wall	1,200.0	0	Frame Wall, No Ins	0.4376	0.90						
	Opening - 1			Window			Single Clear 1/4*	300.0	0.82	0.9500	Overhang - None	None
Wing R4 FL-2	W Wall	1,200.0	0	Frame Wall, No Ins	0.4376	0.90						
	Opening - 1			Window			Single Clear 1/4*	300.0	0.82	0.9500	Overhang - None	None
Wing R4 FL-3	W Wall	1,200.0	0	Frame Wall, No Ins	0.4376	0.90						
	Opening - 1			Window			Single Clear 1/4*	300.0	0.82	0.9500	Overhang - None	None
		3,600.0			**0.4376**			**900.0**	**0.82**	**0.9500**		
Total Area		**17,763.8**						**4,441.0**				

ENTERED VALUES

Walls by Direction

By Honeywell Inc

Alternative 4

North (0 degrees)

Room Description	Wall Description	Area	Tilt	Const Type	U Value Btu/h·ft²·°F	Alpha	Glass Type	Glass Area ft²	Glass SHGC	Glass U Value Btu/h·ft²·°F	Glass External Shading	Glass Internal Shading
W1-R1 N	N Wall	1,760.6	0	Frame Wall, No Ins	0.4376	0.90						
	Opening - 1			Window			Single Clear 1/4"	440.2	0.82	0.9500	Overhang - None	None
Wing R1 Fl-2	N Wall	1,760.6	0	Frame Wall, No Ins	0.4376	0.90						
	Opening - 1			Window			Single Clear 1/4"	440.2	0.82	0.9500	Overhang - None	None
Wing R1 FL-3	N Wall	1,760.6	0	Frame Wall, No Ins	0.4376	0.90						
	Opening - 1			Window			Single Clear 1/4"	440.2	0.82	0.9500	Overhang - None	None
		5,281.9			**0.4376**			**1,320.5**	**0.82**	**0.9500**		

East (90 degrees)

Room Description	Wall Description	Area	Tilt	Const Type	U Value Btu/h·ft²·°F	Alpha	Glass Type	Glass Area ft²	Glass SHGC	Glass U Value Btu/h·ft²·°F	Glass External Shading	Glass Internal Shading
W1-R2 E	E Wall	1,200.0	0	Frame Wall, No Ins	0.4376	0.90						
	Opening - 1			Window			Single Clear 1/4"	300.0	0.82	0.9500	Overhang - None	None
Wing R2 FL-2	E Wall	1,200.0	0	Frame Wall, No Ins	0.4376	0.90						
	Opening - 1			Window			Single Clear 1/4"	300.0	0.82	0.9500	Overhang - None	None
Wing R2 Fl-3	E Wall	1,200.0	0	Frame Wall, No Ins	0.4376	0.90						
	Opening - 1			Window			Single Clear 1/4"	300.0	0.82	0.9500	Overhang - None	None
		3,600.0			**0.4376**			**900.0**	**0.82**	**0.9500**		

South (180 degrees)

Room Description	Wall Description	Area	Tilt	Const Type	U Value Btu/h·ft²·°F	Alpha	Glass Type	Glass Area ft²	Glass SHGC	Glass U Value Btu/h·ft²·°F	Glass External Shading	Glass Internal Shading
W1-R3 S	S Wall	1,760.6	0	Frame Wall, No Ins	0.4376	0.90						
	Opening - 1			Window			Single Clear 1/4"	440.2	0.82	0.9500	Overhang - None	None
Wing R3 Fl-2	S Wall	1,760.6	0	Frame Wall, No Ins	0.4376	0.90						
	Opening - 1			Window			Single Clear 1/4"	440.2	0.82	0.9500	Overhang - None	None
Wing R3 FL-3	S Wall	1,760.6	0	Frame Wall, No Ins	0.4376	0.90						
	Opening - 1			Window			Single Clear 1/4"	440.2	0.82	0.9500	Overhang - None	None
		5,281.9			**0.4376**			**1,320.5**	**0.82**	**0.9500**		

ENTERED VALUES

Walls by Direction

By Honeywell Inc

West (270 degrees)

Room Description	Wall Description	Area	Tilt	Const Type	U Value Btu/h·ft²·°F	Alpha	Glass Type	Glass Area ft²	Glass SHGC	Glass U Value Btu/h·ft²·°F	Glass External Shading	Glass Internal Shading
W1-R4 W	W Wall	1,200.0	0	Frame Wall, No Ins	0.4376	0.90						
	Opening - 1			Window			Single Clear 1/4*	300.0	0.82	0.9500	Overhang - None	None
Wing R4 FL-2	W Wall	1,200.0	0	Frame Wall, No Ins	0.4376	0.90						
	Opening - 1			Window			Single Clear 1/4*	300.0	0.82	0.9500	Overhang - None	None
Wing R4 FL-3	W Wall	1,200.0	0	Frame Wall, No Ins	0.4376	0.90						
	Opening - 1			Window			Single Clear 1/4*	300.0	0.82	0.9500	Overhang - None	None
		3,600.0			**0.4376**			**900.0**	**0.82**	**0.9500**		
Total Area		**17,763.8**						**4,441.0**				

Entered Values

TRACE® 700 version 6.2.7

By Honeywell Inc

Project Name:
Dataset Name: D:\Documents and Settings\e470859\My Documents\Projects\Port St Lucie Fl\Contract working files\Savings Calculations\
Location:
Building Owner:
Program User:
Company:
Comments:

Cooling Design Period:	January thru December
Peak Hour Override:	0
Daylight Savings Period:	
Summer Period:	
Cooling Methodology:	TETD-TA1
Heating Methodology:	UATD
Infiltration Methodology:	Vary with wind speed
Outside Film Methodology:	Vary with wind speed
Terrain Methodology:	Flat terrain with some isolated objects
Room Circ Rate:	Medium
Wall Load To Plenum:	YES
Building Orientation:	0 degrees from north
Simulation Hours:	Reduced year
Calendar Code:	Standard (1978)
Energy Simulation Period:	January thru December

Location:	West Palm Beach, Florida	
Summer Design Dry Bulb:	92.30	°F
Summer Design Wet Bulb:	79.20	°F
Winter Design Dry Bulb:	45.00	°F
Summer Clearness Number:	0.90	
Winter Clearness Number:	0.95	
Summer Ground Reflectance:	0.20	
Winter Ground Reflectance:	0.20	
Carbon Dioxide Level:	400	ppm
Force VAV Min => Nominal Ventilation at Design:	No	
Allow Energy Recovery/Transfer at Design:	No	
Retest Design Peaks:	Yes	
Calculate Building Block Loads:	No	

ENTERED VALUES
PLANTS
By Honeywell Inc

Cooling Plant: Cooling plant - 001

Sizing method: Peak
Heat rejection type: None
Secondary distribution pump: Var vol chill water pump
Secondary pump consumption: 15 hp
Thermal storage type: None
Thermal storage capacity: 0 ton-hr
Thermal storage schedule: Off (0%)

Geothermal Loop

TLoop Ent Bldg: None
TLoop schedule: None
Flow rate: 100.00% of condenser flow rate
Loop pump None
Pump F.L. rate: 0.00ft water
Flow scheme: Fully mixed
Loop fluid glycol: 0%
Heat exchanger approach: 0°F

Equipment tag: Air-cooled chiller - 001

Cooling Type: Default air-cooled chiller

Cooling plant - 001

Operating Mode	Capacity	Energy Rate
Cooling:	120.0 tons	1.6000 kW/ton
Heat recovery:		
Tank charging:		
Tank charging & heat recovery:		

Pumps	Type	Full Load Consumption
Chilled water:	Var vol chill water pump	20.00 hp
Condenser water:	None	
Heat recovery or aux cond:	None	
Free cooling:	None	

Heat Rejection and Thermal Storage

Heat rejection type: MZ packaged rooftop cond fan
Thermal storage type: None
T-storage capacity: 0 ton-hr
T-storage schedule: Storage

Equipment Options

Sequencing type: Par. Decoupled
Demand lim priority:
Dsn chilled water delta T: 10 °F
Dsn cond water delta T: 10 °F
Free clg type: None
Fluid cooler type: None
Load shed econ: no
Evap precooling: no
Hot gas reheat No
Energy source:
Reject cond heat: Heat Reject.Equip
Cond. heat to plant:
Equip schedule: Available (100%)

Reset Based On	Reset Curve	Max Reset TD
Chilled Water: None	None	0°F
Condenser Water: None	None	0°F

Equipment tag: Air-cooled chiller - 002

Cooling Type: Default air-cooled chiller

Cooling plant - 001

Operating Mode	Capacity	Energy Rate
Cooling:	120.0 tons	1.6000 kW/ton
Heat recovery:		
Tank charging:		
Tank charging & heat recovery:		

Pumps	Type	Full Load Consumption
Chilled water:	Var vol chill water pump	20.00 hp
Condenser water:	None	
Heat recovery or aux cond:	None	
Free cooling:	None	

Heat Rejection and Thermal Storage

Heat rejection type: MZ packaged rooftop cond fan
Thermal storage type: None
T-storage capacity: 0 ton-hr
T-storage schedule: Storage

Equipment Options

Sequencing type: Par. Decoupled
Demand lim priority:
Dsn chilled water delta T: 10 °F
Dsn cond water delta T: 10 °F
Free clg type: None
Fluid cooler type: None
Load shed econ: no
Evap precooling: no
Hot gas reheat No
Energy source:
Reject cond heat: Heat Reject.Equip
Cond. heat to plant:
Equip schedule: Available (100%)

Reset Based On	Reset Curve	Max Reset TD
Chilled Water: None	None	0°F
Condenser Water: None	None	0°F

ENTERED VALUES
PLANTS
By Honeywell Inc

Heating Plant: Heating plant - 002

Sizing method: Peak
Cogeneration type: None
Secondary distribution pump: None
Thermal storage type: None
Thermal storage capacity: 0 ton-hr

Equipment tag: Electric Resistance - 001 — Heating Type: Default electric resistance — Heating plant - 002

Heating capacity: 100.0 %Plant Capacity
Energy rate: 100.00 % Effic.

Thermal storage type: None
Thermal storage capacity: 0 ton-hr
Thermal storage schedule: Storage

Hot water pump type: None
Hot water pump cons: 0.00 kW

Equipment schedule: Available (100%)
Demand limiting priority:

Base Utilities

Plant assigned to: Stand-alone
Type: None

Description:
Demand limiting priority:

Schedule: Off (0%)
Hourly demand: 0.00 kW

Miscellaneous accessories

Plant assigned to: Cooling plant - 001
Equipment tag: All

Type: None
Description:

Schedule: Off (0%)
Energy: 0.00 kW

ENTERED VALUES
PLANTS
By Honeywell Inc

Cooling Plant: Cooling plant - 001

Sizing method: Peak
Heat rejection type: None
Secondary distribution pump: Var vol chill water pump
Secondary pump consumption: 15 hp
Thermal storage type: None
Thermal storage capacity: 0 ton-hr
Thermal storage schedule: Off (0%)

Geothermal Loop

TLoop Ent Bldg:	None	Flow scheme:	Fully mixed
TLoop schedule:	None	Loop fluid glycol:	0%
Flow rate:	100.00% of condenser flow rate	Heat exchanger approach:	0°F
Loop pump	None		
Pump F.L. rate:	0.00ft water		

Equipment tag: Air-cooled chiller - 001

Cooling Type: Default air-cooled chiller

Cooling plant - 001

Operating Mode	Capacity	Energy Rate
Cooling:	120.0 tons	1.6000 kW/ton
Heat recovery:		
Tank charging:		
Tank charging & heat recovery:		

Pumps	Type	Full Load Consumption
Chilled water:	Var vol chill water pump	20.00 hp
Condenser water:	None	
Heat recovery or aux cond:	None	
Free cooling:	None	

Heat Rejection and Thermal Storage

Heat rejection type: MZ packaged rooftop cond fan
Thermal storage type: None
T-storage capacity: 0 ton-hr
T-storage schedule: Storage

Equipment Options

Sequencing type: Par. Decoupled
Demand lim priority:
Dsn chilled water delta T: 10 °F
Dsn cond water delta T: 10 °F
Hourly ambient wet bulb offset: 339999995214436

Free clg type: None
Fluid cooler type: None
Load shed econ: no
Evap precooling: no
Hot gas reheat No

Energy source:
Reject cond heat: Heat Reject.Equip
Cond. heat to plant:
Equip schedule: Available (100%)

Reset Based On	Reset Curve	Max Reset TD
Chilled Water: None	None	0°F
Condenser Water: None	None	0°F

Equipment tag: Air-cooled chiller - 002

Cooling Type: Default air-cooled chiller

Cooling plant - 001

Operating Mode	Capacity	Energy Rate
Cooling:	120.0 tons	1.6000 kW/ton
Heat recovery:		
Tank charging:		
Tank charging & heat recovery:		

Pumps	Type	Full Load Consumption
Chilled water:	Var vol chill water pump	20.00 hp
Condenser water:	None	
Heat recovery or aux cond:	None	
Free cooling:	None	

Heat Rejection and Thermal Storage

Heat rejection type: MZ packaged rooftop cond fan
Thermal storage type: None
T-storage capacity: 0 ton-hr
T-storage schedule: Storage

Equipment Options

Sequencing type: Par. Decoupled
Demand lim priority:
Dsn chilled water delta T: 10 °F
Dsn cond water delta T: 10 °F
Hourly ambient wet bulb offset: 339999995214436

Free clg type: None
Fluid cooler type: None
Load shed econ: no
Evap precooling: no
Hot gas reheat No

Energy source:
Reject cond heat: Heat Reject.Equip
Cond. heat to plant:
Equip schedule: Available (100%)

Reset Based On	Reset Curve	Max Reset TD
Chilled Water: None	None	0°F
Condenser Water: None	None	0°F