

*** BUILDING ***

FLOOR AREA 107807 SQFT 10015 M2
 VOLUME 1328993 CUFT 37637 M3

TIME	COOLING LOAD		HEATING LOAD	
	SEP 3	3PM	JAN 12	3AM
DRY-BULB TEMP	89 F	32 C	40 F	4 C
WET-BULB TEMP	82 F	28 C	38 F	3 C
TOT HORIZONTAL SOLAR RAD	259 BTU/H.SQFT	816 W/M2	0 BTU/H.SQFT	0 W/M2
WINDSPEED AT SPACE	1.5 KTS	0.7 M/S	10.2 KTS	5.2 M/S
CLOUD AMOUNT 0(CLEAR)-10	2		6	

	SENSIBLE		LATENT		SENSIBLE	
	(KBTU/H)	(KW)	(KBTU/H)	(KW)	(KBTU/H)	(KW)
WALL CONDUCTION	64.860	19.004	0.000	0.000	-51.240	-15.013
ROOF CONDUCTION	6.157	1.804	0.000	0.000	-3.021	-0.885
WINDOW GLASS+FRM COND	163.373	47.868	0.000	0.000	-271.265	-79.481
WINDOW GLASS SOLAR	149.320	43.751	0.000	0.000	26.985	7.907
DOOR CONDUCTION	0.000	0.000	0.000	0.000	0.000	0.000
INTERNAL SURFACE COND	0.000	0.000	0.000	0.000	0.000	0.000
UNDERGROUND SURF COND	687.438	201.419	0.000	0.000	3.600	1.055
OCCUPANTS TO SPACE	534.369	156.570	639.506	187.375	21.094	6.181
LIGHT TO SPACE	348.959	102.245	0.000	0.000	36.848	10.797
EQUIPMENT TO SPACE	276.835	81.113	0.000	0.000	18.476	5.414
PROCESS TO SPACE	0.000	0.000	0.000	0.000	0.000	0.000
INFILTRATION	18.560	5.438	56.978	16.694	-19.560	-5.731
TOTAL	2249.870	659.212	696.484	204.070	-238.083	-69.758
TOTAL / AREA	0.021	0.066	0.006	0.020	-0.002	-0.007
TOTAL LOAD	2946.354 KBTU/H	863.282 KW			-238.083 KBTU/H	-69.758 KW
TOTAL LOAD / AREA	27.33 BTU/H.SQFT	86.194 W/M2			2.208 BTU/H.SQFT	6.965 W/M2

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 * NOTE 1)THE ABOVE LOADS EXCLUDE OUTSIDE VENTILATION AIR *
 * ---- LOADS *
 * 2)TIMES GIVEN IN STANDARD TIME FOR THE LOCATION *
 * IN CONSIDERATION *
 * 3)THE ABOVE LOADS ARE CALCULATED ASSUMING A *
 * CONSTANT INDOOR SPACE TEMPERATURE *
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