£			HVAC	C LOAD PROGE	RAM		
COMPANY:						DATE	
PROJECT:			100000000000000000000000000000000000000			PROJ. NO.:	
AHU#	MONTH	TIME		OOR AIR TEMPERA			RAIRTEMP
AHU-1	(1-12) B	(7am-6pm)	94.0°F db	74.0°F Wb	WINTER 12.0°F	72.0°F db	50.0% RH 60.1°F wb
AHU 1		HOURS OF		"U" VALUES			ETY FACTORS
BLOWTH		OPERATION					
DRAWTH		(12, 16, 24)	WALL	ROOF	GLASS	BARE	SHADED
D		24	0.10	0.08	1.13	0.80	0.65
			GLASS S	OLAR HEAT GAIN			
INT SHADE?	EXPOSURE	AREA	PEAK SOLAR	24 HR STORAGE	SHADE FACTOR	SAFETY	BTUME
(Y/N) N	N N	(SQ.FT.)	HEAT GAIN	0.80	0.80	FACTOR 1.10	2.606
24	5	100	111	0.45	0.80	1.10	4.396
940	E	100	219	0.20	0.80	1.10	3,854
14	w	100	219	0.48	0.80	1.10	9,251
N	NE	100	141	0.17	0.80	1.10	2,109
SKYLIGHT	HORIZ	100	225	1.00	0.80	1.10	24.750
						SUB-TOTAL =	51,928
				SSION HEAT GAIN			
	EXPOSURE	(SQ.FT.)	TEMP, DIFF.	CORRECTION	"U" VALUE	SAFETY FACTOR	BTUME
WALL	14	100	11	10	0.10	1.10	231
WALL	s	100	23	10	0.10	1.10	363
WALL	€	100	13	10	0.10	1.10	2:53
ROOF	w	100	34	10	0.10	1.10	484
GLASS	HORIZ	100 700	43 22	10	1.13	1.10	233
PARTITION		100	10		0.20	1.10	220
						SUB-TOTAL =	20,926
				AL HEAT GAIN			
		QUANTITY OR SQ.FT.	WATTS PER SQ.FT.	FACTOR	MULTIPLIER FACTOR	SAFETY	BTUAR
FLUOR LIGHTS (SF):		1000 SF	2.00	3.413	80%	1.10	6,007
INCAN. LIGHTS (SF):		1000 SF	0.25	3.413	100%	1.10	939
POWER (SF): EQUIPMENT (SF):		1000 SF 1000 SF	2.00	3.413	100%	1.10	7,509 7,509
	TION SENSIBLE	100 CFM		2.0°F	1.08	1.10	2.624
						SUB-TOTAL =	27,337
-	OTAL STATIC =:	3 00 m wa	ROOM SE	ISIBLE HEAT GAIN	OOM SENSBLE H	EAT (BT) (NB)=	100,191
	AIRFLOW @	20.0°F TEMP, DIF		4619 CFM	OUR SENSEEL II	Dan (Browning)	100,101
MOTO	MOTOR SIZE =: OR HEAT RISE =	2.4 BRAKE HORS	EPOWER	HEAT	GAIN FROM MOT	OR (BTH/HB) =	6.165
						SUB-TOTAL =	106,357
		AREA	EQUIVALENT	TEMP.		SAFETY	
	EXPOSURE	(SQ.FT.)	TEMP. DIFF.	CORRECTION	"U" VALUE	FACTOR	BTUMR
WALL	Na	10 SF	11	10	0.10	1.10	23
WALL	S	10 SF	23	10	0.10	1.10	36
WALL	E W	10 SF	13	10	0.10	1.10	25 48
ROOF	HORIZ	100 SF	43	10	0.04	1.10	233
LIGHTS	(FLUOR.)	1000 SF	2.0 W/SF	3.413	20%	1.10	1,502
MOTOR BHP:		2.4 BHP			HEAT GAIN F	ROM MOTOR =	
						SUB-TOTAL =	1,868
			OU TSIDE	E AIR HEAT GAIN			
		CFM PER	CFM	TEMP.	MULTIPLIER	SAFETY	PTILLE
		PERSON		DIFFERENCE	FACTOR	FACTOR	BTUHR
	O/A SENSIBLE:	375	3750	22.0°F	1.08	1.10	98,418
				GRAND TO	TAL SENSIBLE HE	EAT (BTU/HR) =	206,643
				NT HEAT GAIN			
			CFM OUTSIDE AIR	DELTA GRAINS	MULTIPLIER FACTOR	SAFETY	BTUMR
INFILTRATION LATENT:			100	36	0.68	1.10	2,676
PE	EOPLE LATENT:	10 PEOPLE	@ 200 BTH PER F	PERSON		1.10	2,200
						SUB-TOTAL =	105,213
			V	GRAND	TOTAL LATENTHE	EAT (BTH/HR) =	105,213
ROOM SENSIBL	E HEAT RATIO =		0.98		GRAND TOTAL HE	AT (BTUHE) -	311,856
TOTAL SENSIBLE HEAT RATIO = 0.66					- JULIE TO TAL ME	TONNAGE =	26.0
ENTERING ENTHALPY = 35.4 BTU/LB					ENTERING AIR TE		89.9°F
			20.4 BTU/LB		LEAVING AIR TE		50.8°F

# **Manual J Load Calculation Excel**

Joacim Rocklöv



#### Manual J Load Calculation Excel Book Review: Unveiling the Power of Words

In a world driven by information and connectivity, the energy of words has are more evident than ever. They have the capability to inspire, provoke, and ignite change. Such may be the essence of the book **Manual J Load Calculation Excel**, a literary masterpiece that delves deep to the significance of words and their affect our lives. Compiled by a renowned author, this captivating work takes readers on a transformative journey, unraveling the secrets and potential behind every word. In this review, we will explore the book is key themes, examine its writing style, and analyze its overall impact on readers.

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may 29 2018 this lesson plan is well differentiated to the point where each group is challenged while there needs are being bet simultaneously this plan includes lessons on 2d shape properties and classification lines of symmetry lines of symmetry in irregular shapes 2d shapes in different orientations classification of triangles

year 5 space 3d objects from 2d representations lesson 2 - Jan 04 2022

use this engaging lesson pack to teach year 5 children to solve problems about 2d representations of 3d models this lesson teaches children to relate 3d objects to 2d nets children examine 3d objects from different viewpoints to identify nets and faces this resource includes a lesson presentation and plan and differentiated worksheets