

Space Design Load Summary for Sistema Cozinha

Project Name: TFM SISTEMAS DE AQUECIMENTO
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TABLE 1.1.A. COMPONENT LOADS FOR SPACE "-01.13_Cozinha" IN ZONE "Zone 1"						
	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Oct 1500 COOLING OA DB / WB 32,7 °C / 20,7 °C OCCUPIED T-STAT 25,0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB 4,0 °C / 3,5 °C OCCUPIED T-STAT 21,1 °C		
SPACE LOADS	Details	Sensible (W)	Latent (W)	Details	Sensible (W)	Latent (W)
Window & Skylight Solar Loads	2 m ²	436	-	2 m ²	-	-
Wall Transmission	7 m ²	18	-	7 m ²	46	-
Roof Transmission	0 m ²	0	-	0 m ²	0	-
Window Transmission	2 m ²	45	-	2 m ²	126	-
Skylight Transmission	0 m ²	0	-	0 m ²	0	-
Door Loads	0 m ²	0	-	0 m ²	0	-
Floor Transmission	11 m ²	0	-	11 m ²	0	-
Partitions	0 m ²	0	-	0 m ²	0	-
Ceiling	0 m ²	0	-	0 m ²	0	-
Overhead Lighting	144 W	144	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	2300 W	2300	-	0	0	-
People	4	346	533	0	0	0
Infiltration	-	0	0	-	0	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	3290	533	-	171	0

TABLE 1.1.B. ENVELOPE LOADS FOR SPACE "-01.13_Cozinha" IN ZONE "Zone 1"						
				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m ²)	(W/(m ² -K))	Coeff.	(W)	(W)	(W)
S EXPOSURE						
WALL	7	0,393	-	18	-	46
WINDOW 1	2	3,674	0,747	45	436	126