

Space Design Load Summary for Default System

Project Name: 112_SDG
Prepared by: Primex

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TABLE 1.1.A. COMPONENT LOADS FOR SPACE " 012_22 " IN ZONE " Zone 1 "						
	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jul 1600 COOLING OA DB / WB 30.7 °C / 18.8 °C OCCUPIED T-STAT 25.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -16.0 °C / -17.0 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	0 m?	0	-	0 m?	-	-
Wall Transmission	0 m?	0	-	0 m?	0	-
Roof Transmission	0 m?	0	-	0 m?	0	-
Window Transmission	0 m?	0	-	0 m?	0	-
Skylight Transmission	0 m?	0	-	0 m?	0	-
Door Loads	0 m?	0	-	0 m?	0	-
Floor Transmission	18 m?	0	-	18 m?	203	-
Partitions	0 m?	0	-	0 m?	0	-
Ceiling	0 m?	0	-	0 m?	0	-
Overhead Lighting	150 W	90	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	2	308	542	0	0	0
Infiltration	-	97	-3	-	641	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	495	539	-	844	0

TABLE 1.1.B. ENVELOPE LOADS FOR SPACE " 012_22 " IN ZONE " Zone 1 "						
				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m?)	(W/(m?-°K))	Coeff.	(W)	(W)	(W)

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TABLE 1.2.A. COMPONENT LOADS FOR SPACE " 101_22 " IN ZONE " Zone 1 "						
	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Sep 1400 COOLING OA DB / WB 28.0 °C / 17.1 °C OCCUPIED T-STAT 25.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -16.0 °C / -17.0 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	19 m?	3350	-	19 m?	-	-
Wall Transmission	24 m?	61	-	24 m?	433	-
Roof Transmission	0 m?	0	-	0 m?	0	-
Window Transmission	19 m?	32	-	19 m?	1555	-
Skylight Transmission	0 m?	0	-	0 m?	0	-
Door Loads	0 m?	0	-	0 m?	0	-
Floor Transmission	0 m?	0	-	0 m?	0	-
Partitions	0 m?	0	-	0 m?	0	-
Ceiling	0 m?	0	-	0 m?	0	-
Overhead Lighting	8 W	16	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	26	1752	915	0	0	0
Infiltration	-	71	-57	-	897	1
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	5283	858	-	2885	1

TABLE 1.2.B. ENVELOPE LOADS FOR SPACE " 101_22 " IN ZONE " Zone 1 "						
				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m?)	(W/(m?-°K))	Coeff.	(W)	(W)	(W)
S EXPOSURE						
WALL	11	0.480	-	39	-	208
WINDOW 1	9	2.200	0.811	16	2177	752
WINDOW 2	1	2.200	0.811	1	145	50
E EXPOSURE						
WALL	12	0.480	-	23	-	225
WINDOW 1	9	2.200	0.811	16	1028	752

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TABLE 1.3.A. COMPONENT LOADS FOR SPACE " 102_22 " IN ZONE " Zone 1 "						
	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jun 0900 COOLING OA DB / WB 20.8 °C / 14.9 °C OCCUPIED T-STAT 25.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -16.0 °C / -17.0 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	12 m?	2055	-	12 m?	-	-
Wall Transmission	18 m?	39	-	18 m?	334	-
Roof Transmission	0 m?	0	-	0 m?	0	-
Window Transmission	12 m?	-108	-	12 m?	1020	-
Skylight Transmission	0 m?	0	-	0 m?	0	-
Door Loads	0 m?	0	-	0 m?	0	-
Floor Transmission	24 m?	-73	-	24 m?	67	-
Partitions	0 m?	0	-	0 m?	0	-
Ceiling	0 m?	0	-	0 m?	0	-
Overhead Lighting	2 W	8	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	2	135	70	0	0	0
Infiltration	-	-47	-24	-	427	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	2010	47	-	1849	0

TABLE 1.3.B. ENVELOPE LOADS FOR SPACE " 102_22 " IN ZONE " Zone 1 "						
				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m?)	(W/(m?-°K))	Coeff.	(W)	(W)	(W)
N EXPOSURE						
WALL	7	0.480	-	6	-	131
WINDOW 1	3	2.200	0.811	-26	168	251
WINDOW 2	1	2.200	0.811	-7	45	67
E EXPOSURE						
WALL	11	0.480	-	33	-	203
WINDOW 1	8	2.200	0.811	-71	1755	669
WINDOW 2	0	2.200	0.811	-4	88	33

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TABLE 1.4.A. COMPONENT LOADS FOR SPACE " 103_22 " IN ZONE " Zone 1 "						
	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jul 1600 COOLING OA DB / WB 30.7 °C / 18.8 °C OCCUPIED T-STAT 25.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -16.0 °C / -17.0 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	4 m?	228	-	4 m?	-	-
Wall Transmission	7 m?	10	-	7 m?	131	-
Roof Transmission	0 m?	0	-	0 m?	0	-
Window Transmission	4 m?	32	-	4 m?	318	-
Skylight Transmission	0 m?	0	-	0 m?	0	-
Door Loads	0 m?	0	-	0 m?	0	-
Floor Transmission	22 m?	-63	-	22 m?	62	-
Partitions	0 m?	0	-	0 m?	0	-
Ceiling	0 m?	0	-	0 m?	0	-
Overhead Lighting	89 W	54	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	2	135	70	0	0	0
Infiltration	-	65	-2	-	427	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	460	68	-	938	0

TABLE 1.4.B. ENVELOPE LOADS FOR SPACE " 103_22 " IN ZONE " Zone 1 "						
				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m?)	(W/(m?-°K))	Coeff.	(W)	(W)	(W)
N EXPOSURE						
WALL	7	0.480	-	10	-	131
WINDOW 1	3	2.200	0.811	25	180	251
WINDOW 2	1	2.200	0.811	7	48	67

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TABLE 1.5.A. COMPONENT LOADS FOR SPACE " 104_22 " IN ZONE " Zone 1 "						
	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jul 1600 COOLING OA DB / WB 30.7 °C / 18.8 °C OCCUPIED T-STAT 25.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -16.0 °C / -17.0 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	4 m?	228	-	4 m?	-	-
Wall Transmission	7 m?	10	-	7 m?	131	-
Roof Transmission	0 m?	0	-	0 m?	0	-
Window Transmission	4 m?	32	-	4 m?	318	-
Skylight Transmission	0 m?	0	-	0 m?	0	-
Door Loads	0 m?	0	-	0 m?	0	-
Floor Transmission	22 m?	-63	-	22 m?	62	-
Partitions	0 m?	0	-	0 m?	0	-
Ceiling	0 m?	0	-	0 m?	0	-
Overhead Lighting	89 W	54	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	2	135	70	0	0	0
Infiltration	-	65	-2	-	427	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	460	68	-	938	0

TABLE 1.5.B. ENVELOPE LOADS FOR SPACE " 104_22 " IN ZONE " Zone 1 "						
				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m?)	(W/(m?-°K))	Coeff.	(W)	(W)	(W)
N EXPOSURE						
WALL	7	0.480	-	10	-	131
WINDOW 1	3	2.200	0.811	25	180	251
WINDOW 2	1	2.200	0.811	7	48	67

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TABLE 1.6.A. COMPONENT LOADS FOR SPACE " 105_22 " IN ZONE " Zone 1 "						
	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jul 1600 COOLING OA DB / WB 30.7 °C / 18.8 °C OCCUPIED T-STAT 25.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -16.0 °C / -17.0 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	4 m?	228	-	4 m?	-	-
Wall Transmission	7 m?	10	-	7 m?	131	-
Roof Transmission	0 m?	0	-	0 m?	0	-
Window Transmission	4 m?	32	-	4 m?	318	-
Skylight Transmission	0 m?	0	-	0 m?	0	-
Door Loads	0 m?	0	-	0 m?	0	-
Floor Transmission	22 m?	-63	-	22 m?	62	-
Partitions	0 m?	0	-	0 m?	0	-
Ceiling	0 m?	0	-	0 m?	0	-
Overhead Lighting	89 W	54	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	2	135	70	0	0	0
Infiltration	-	65	-2	-	427	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	460	68	-	938	0

TABLE 1.6.B. ENVELOPE LOADS FOR SPACE " 105_22 " IN ZONE " Zone 1 "						
				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m?)	(W/(m?-°K))	Coeff.	(W)	(W)	(W)
N EXPOSURE						
WALL	7	0.480	-	10	-	131
WINDOW 1	3	2.200	0.811	25	180	251
WINDOW 2	1	2.200	0.811	7	48	67

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TABLE 1.7.A. COMPONENT LOADS FOR SPACE " 106_22 " IN ZONE " Zone 1 "						
	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jul 1600 COOLING OA DB / WB 30.7 °C / 18.8 °C OCCUPIED T-STAT 25.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -16.0 °C / -17.0 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	4 m?	228	-	4 m?	-	-
Wall Transmission	5 m?	7	-	5 m?	95	-
Roof Transmission	0 m?	0	-	0 m?	0	-
Window Transmission	4 m?	32	-	4 m?	318	-
Skylight Transmission	0 m?	0	-	0 m?	0	-
Door Loads	0 m?	0	-	0 m?	0	-
Floor Transmission	0 m?	0	-	0 m?	0	-
Partitions	0 m?	0	-	0 m?	0	-
Ceiling	0 m?	0	-	0 m?	0	-
Overhead Lighting	259 W	156	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	2	135	70	0	0	0
Infiltration	-	175	-6	-	1154	1
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	732	65	-	1566	1

TABLE 1.7.B. ENVELOPE LOADS FOR SPACE " 106_22 " IN ZONE " Zone 1 "						
				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m?)	(W/(m?-°K))	Coeff.	(W)	(W)	(W)
N EXPOSURE						
WALL	5	0.480	-	7	-	95
WINDOW 1	3	2.200	0.811	25	180	251
WINDOW 2	1	2.200	0.811	7	48	67

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TABLE 1.8.A. COMPONENT LOADS FOR SPACE " 108_22 " IN ZONE " Zone 1 "						
	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jul 1700 COOLING OA DB / WB 29.9 °C / 18.5 °C OCCUPIED T-STAT 25.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -16.0 °C / -17.0 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	2 m?	538	-	2 m?	-	-
Wall Transmission	5 m?	18	-	5 m?	86	-
Roof Transmission	0 m?	0	-	0 m?	0	-
Window Transmission	2 m?	17	-	2 m?	192	-
Skylight Transmission	0 m?	0	-	0 m?	0	-
Door Loads	0 m?	0	-	0 m?	0	-
Floor Transmission	0 m?	0	-	0 m?	0	-
Partitions	0 m?	0	-	0 m?	0	-
Ceiling	0 m?	0	-	0 m?	0	-
Overhead Lighting	50 W	32	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	1	67	35	0	0	0
Infiltration	-	30	-1	-	235	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	703	34	-	513	0

TABLE 1.8.B. ENVELOPE LOADS FOR SPACE " 108_22 " IN ZONE " Zone 1 "						
				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m?)	(W/(m?-°K))	Coeff.	(W)	(W)	(W)
W EXPOSURE						
WALL	5	0.480	-	18	-	86
WINDOW 1	2	2.200	0.811	15	468	167
WINDOW 2	0	2.200	0.811	2	70	25

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TABLE 1.9.A. COMPONENT LOADS FOR SPACE " 109_22 " IN ZONE " Zone 1 "						
	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jul 1700 COOLING OA DB / WB 29.9 °C / 18.5 °C OCCUPIED T-STAT 25.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -16.0 °C / -17.0 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	1 m?	304	-	1 m?	-	-
Wall Transmission	6 m?	23	-	6 m?	108	-
Roof Transmission	0 m?	0	-	0 m?	0	-
Window Transmission	1 m?	10	-	1 m?	109	-
Skylight Transmission	0 m?	0	-	0 m?	0	-
Door Loads	0 m?	0	-	0 m?	0	-
Floor Transmission	0 m?	0	-	0 m?	0	-
Partitions	0 m?	0	-	0 m?	0	-
Ceiling	0 m?	0	-	0 m?	0	-
Overhead Lighting	34 W	21	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	1	67	35	0	0	0
Infiltration	-	30	-1	-	235	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	455	34	-	451	0

TABLE 1.9.B. ENVELOPE LOADS FOR SPACE " 109_22 " IN ZONE " Zone 1 "						
				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m?)	(W/(m?-°K))	Coeff.	(W)	(W)	(W)
W EXPOSURE						
WALL	6	0.480	-	23	-	108
WINDOW 1	1	2.200	0.811	7	234	84
WINDOW 2	0	2.200	0.811	2	70	25

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TABLE 1.10.A. COMPONENT LOADS FOR SPACE " 111_22 " IN ZONE " Zone 1 "						
	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Sep 1600 COOLING OA DB / WB 28.0 °C / 17.1 °C OCCUPIED T-STAT 25.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -16.0 °C / -17.0 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	12 m?	2350	-	12 m?	-	-
Wall Transmission	15 m?	39	-	15 m?	270	-
Roof Transmission	0 m?	0	-	0 m?	0	-
Window Transmission	12 m?	27	-	12 m?	986	-
Skylight Transmission	0 m?	0	-	0 m?	0	-
Door Loads	0 m?	0	-	0 m?	0	-
Floor Transmission	0 m?	0	-	0 m?	0	-
Partitions	0 m?	0	-	0 m?	0	-
Ceiling	0 m?	0	-	0 m?	0	-
Overhead Lighting	79 W	48	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	3	202	106	0	0	0
Infiltration	-	29	-23	-	363	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	2694	83	-	1620	0

TABLE 1.10.B. ENVELOPE LOADS FOR SPACE " 111_22 " IN ZONE " Zone 1 "						
				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m?)	(W/(m?-°K))	Coeff.	(W)	(W)	(W)
W EXPOSURE						
WALL	8	0.480	-	10	-	139
WINDOW 1	6	2.200	0.811	14	1175	502
WINDOW 2	1	2.200	0.811	2	157	67
S EXPOSURE						
WALL	7	0.480	-	29	-	131
WINDOW 1	5	2.200	0.811	12	1018	418

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TABLE 1.11.A. COMPONENT LOADS FOR SPACE " 112_22 " IN ZONE " Zone 1 "						
	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Oct 1400 COOLING OA DB / WB 21.9 °C / 14.4 °C OCCUPIED T-STAT 25.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -16.0 °C / -17.0 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	5 m?	1411	-	5 m?	-	-
Wall Transmission	4 m?	4	-	4 m?	80	-
Roof Transmission	0 m?	0	-	0 m?	0	-
Window Transmission	5 m?	-59	-	5 m?	426	-
Skylight Transmission	0 m?	0	-	0 m?	0	-
Door Loads	0 m?	0	-	0 m?	0	-
Floor Transmission	0 m?	0	-	0 m?	0	-
Partitions	0 m?	0	-	0 m?	0	-
Ceiling	0 m?	0	-	0 m?	0	-
Overhead Lighting	2 W	5	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	3	202	106	0	0	0
Infiltration	-	-22	-30	-	269	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	1542	75	-	776	0

TABLE 1.11.B. ENVELOPE LOADS FOR SPACE " 112_22 " IN ZONE " Zone 1 "						
				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m?)	(W/(m?-°K))	Coeff.	(W)	(W)	(W)
S EXPOSURE						
WALL	4	0.480	-	4	-	80
WINDOW 1	5	2.200	0.811	-58	1384	418
WINDOW 2	0	2.200	0.811	-1	28	8

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TABLE 1.12.A. COMPONENT LOADS FOR SPACE " 113_22 " IN ZONE " Zone 1 "						
	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jul 1700 COOLING OA DB / WB 29.9 °C / 18.5 °C OCCUPIED T-STAT 25.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -16.0 °C / -17.0 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	2 m?	492	-	2 m?	-	-
Wall Transmission	4 m?	15	-	4 m?	71	-
Roof Transmission	0 m?	0	-	0 m?	0	-
Window Transmission	2 m?	15	-	2 m?	176	-
Skylight Transmission	0 m?	0	-	0 m?	0	-
Door Loads	0 m?	0	-	0 m?	0	-
Floor Transmission	0 m?	0	-	0 m?	0	-
Partitions	0 m?	0	-	0 m?	0	-
Ceiling	0 m?	0	-	0 m?	0	-
Overhead Lighting	48 W	30	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	1	67	35	0	0	0
Infiltration	-	24	-1	-	188	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	644	34	-	435	0

TABLE 1.12.B. ENVELOPE LOADS FOR SPACE " 113_22 " IN ZONE " Zone 1 "						
				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m?)	(W/(m?-°K))	Coeff.	(W)	(W)	(W)
W EXPOSURE						
WALL	4	0.480	-	15	-	71
WINDOW 1	2	2.200	0.811	15	468	167
WINDOW 2	0	2.200	0.811	1	23	8

Space Design Load Summary for Default System

Project Name: 112_SDG
Prepared by: Primex

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TABLE 1.13.A. COMPONENT LOADS FOR SPACE " 114_22 " IN ZONE " Zone 1 "						
	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Oct 1400 COOLING OA DB / WB 21.9 °C / 14.4 °C OCCUPIED T-STAT 25.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -16.0 °C / -17.0 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	6 m?	1522	-	6 m?	-	-
Wall Transmission	4 m?	4	-	4 m?	73	-
Roof Transmission	0 m?	0	-	0 m?	0	-
Window Transmission	6 m?	-64	-	6 m?	460	-
Skylight Transmission	0 m?	0	-	0 m?	0	-
Door Loads	0 m?	0	-	0 m?	0	-
Floor Transmission	0 m?	0	-	0 m?	0	-
Partitions	0 m?	0	-	0 m?	0	-
Ceiling	0 m?	0	-	0 m?	0	-
Overhead Lighting	3 W	7	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	3	202	106	0	0	0
Infiltration	-	-32	-45	-	404	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	1639	60	-	937	0

TABLE 1.13.B. ENVELOPE LOADS FOR SPACE " 114_22 " IN ZONE " Zone 1 "						
				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m?)	(W/(m?-°K))	Coeff.	(W)	(W)	(W)
S EXPOSURE						
WALL	4	0.480	-	4	-	73
WINDOW 1	5	2.200	0.811	-58	1384	418
WINDOW 2	1	2.200	0.811	-6	138	42

Space Design Load Summary for Default System

Project Name: 112_SDG
Prepared by: Primex

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TABLE 1.14.A. COMPONENT LOADS FOR SPACE " 115_22 " IN ZONE " Zone 1 "						
	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Oct 1400 COOLING OA DB / WB 21.9 °C / 14.4 °C OCCUPIED T-STAT 25.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -16.0 °C / -17.0 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	5 m?	1384	-	5 m?	-	-
Wall Transmission	5 m?	4	-	5 m?	82	-
Roof Transmission	0 m?	0	-	0 m?	0	-
Window Transmission	5 m?	-58	-	5 m?	418	-
Skylight Transmission	0 m?	0	-	0 m?	0	-
Door Loads	0 m?	0	-	0 m?	0	-
Floor Transmission	0 m?	0	-	0 m?	0	-
Partitions	0 m?	0	-	0 m?	0	-
Ceiling	0 m?	0	-	0 m?	0	-
Overhead Lighting	3 W	7	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	3	202	106	0	0	0
Infiltration	-	-32	-45	-	404	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	1507	60	-	904	0

TABLE 1.14.B. ENVELOPE LOADS FOR SPACE " 115_22 " IN ZONE " Zone 1 "						
				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m?)	(W/(m?-°K))	Coeff.	(W)	(W)	(W)
S EXPOSURE						
WALL	5	0.480	-	4	-	82
WINDOW 1	5	2.200	0.811	-58	1384	418

Space Design Load Summary for Default System

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TABLE 1.15.A. COMPONENT LOADS FOR SPACE " 116_22 " IN ZONE " Zone 1 "						
	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Oct 1400 COOLING OA DB / WB 21.9 °C / 14.4 °C OCCUPIED T-STAT 25.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -16.0 °C / -17.0 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	17 m?	4649	-	17 m?	-	-
Wall Transmission	13 m?	13	-	13 m?	241	-
Roof Transmission	0 m?	0	-	0 m?	0	-
Window Transmission	17 m?	-194	-	17 m?	1404	-
Skylight Transmission	0 m?	0	-	0 m?	0	-
Door Loads	0 m?	0	-	0 m?	0	-
Floor Transmission	0 m?	0	-	0 m?	0	-
Partitions	0 m?	0	-	0 m?	0	-
Ceiling	0 m?	0	-	0 m?	0	-
Overhead Lighting	7 W	15	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	3	202	106	0	0	0
Infiltration	-	-70	-98	-	872	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	4615	8	-	2517	0

TABLE 1.15.B. ENVELOPE LOADS FOR SPACE " 116_22 " IN ZONE " Zone 1 "						
				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m?)	(W/(m?-°K))	Coeff.	(W)	(W)	(W)
S EXPOSURE						
WALL	13	0.480	-	13	-	241
WINDOW 1	16	2.200	0.811	-185	4427	1338
WINDOW 2	1	2.200	0.811	-9	221	67

Space Design Load Summary for Default System

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TABLE 1.16.A. COMPONENT LOADS FOR SPACE " 117_22 " IN ZONE " Zone 1 "						
	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jul 1600 COOLING OA DB / WB 30.7 °C / 18.8 °C OCCUPIED T-STAT 25.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -16.0 °C / -17.0 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	0 m?	0	-	0 m?	-	-
Wall Transmission	4 m?	14	-	4 m?	73	-
Roof Transmission	0 m?	0	-	0 m?	0	-
Window Transmission	0 m?	0	-	0 m?	0	-
Skylight Transmission	0 m?	0	-	0 m?	0	-
Door Loads	0 m?	0	-	0 m?	0	-
Floor Transmission	0 m?	0	-	0 m?	0	-
Partitions	0 m?	0	-	0 m?	0	-
Ceiling	0 m?	0	-	0 m?	0	-
Overhead Lighting	235 W	141	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	1	67	35	0	0	0
Infiltration	-	158	-5	-	1043	1
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	381	30	-	1116	1

TABLE 1.16.B. ENVELOPE LOADS FOR SPACE " 117_22 " IN ZONE " Zone 1 "						
				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m?)	(W/(m?-°K))	Coeff.	(W)	(W)	(W)
W EXPOSURE						
WALL	4	0.480	-	14	-	73

Space Design Load Summary for Default System

Project Name: 112_SDG
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TABLE 1.17.A. COMPONENT LOADS FOR SPACE " 201_22 " IN ZONE " Zone 1 "						
	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jul 1000 COOLING OA DB / WB 24.3 °C / 16.7 °C OCCUPIED T-STAT 25.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -16.0 °C / -17.0 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	19 m?	2742	-	19 m?	-	-
Wall Transmission	28 m?	71	-	28 m?	511	-
Roof Transmission	0 m?	0	-	0 m?	0	-
Window Transmission	19 m?	-47	-	19 m?	1597	-
Skylight Transmission	0 m?	0	-	0 m?	0	-
Door Loads	0 m?	0	-	0 m?	0	-
Floor Transmission	0 m?	0	-	0 m?	0	-
Partitions	0 m?	0	-	0 m?	0	-
Ceiling	0 m?	0	-	0 m?	0	-
Overhead Lighting	3 W	19	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	25	1685	880	0	0	0
Infiltration	-	-19	-10	-	1094	1
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	4450	870	-	3202	1

TABLE 1.17.B. ENVELOPE LOADS FOR SPACE " 201_22 " IN ZONE " Zone 1 "						
				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m?)	(W/(m?-°K))	Coeff.	(W)	(W)	(W)
E EXPOSURE						
WALL	15	0.480	-	54	-	268
WINDOW 1	11	2.200	0.811	-27	2261	920
WINDOW 2	0	2.200	0.811	-1	82	33
N EXPOSURE						
WALL	13	0.480	-	17	-	243
WINDOW 1	7	2.200	0.811	-17	362	585
WINDOW 2	1	2.200	0.811	-2	36	59

Space Design Load Summary for Default System

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TABLE 1.18.A. COMPONENT LOADS FOR SPACE " 202_22 " IN ZONE " Zone 1 "						
	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jun 1800 COOLING OA DB / WB 26.9 °C / 17.0 °C OCCUPIED T-STAT 25.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -16.0 °C / -17.0 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	11 m?	878	-	11 m?	-	-
Wall Transmission	19 m?	21	-	19 m?	340	-
Roof Transmission	0 m?	0	-	0 m?	0	-
Window Transmission	11 m?	21	-	11 m?	953	-
Skylight Transmission	0 m?	0	-	0 m?	0	-
Door Loads	0 m?	0	-	0 m?	0	-
Floor Transmission	0 m?	0	-	0 m?	0	-
Partitions	0 m?	0	-	0 m?	0	-
Ceiling	0 m?	0	-	0 m?	0	-
Overhead Lighting	264 W	171	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	25	1685	880	0	0	0
Infiltration	-	60	-60	-	1196	1
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	2837	820	-	2489	1

TABLE 1.18.B. ENVELOPE LOADS FOR SPACE " 202_22 " IN ZONE " Zone 1 "						
				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m?)	(W/(m?-°K))	Coeff.	(W)	(W)	(W)
N EXPOSURE						
WALL	19	0.480	-	21	-	340
WINDOW 1	11	2.200	0.811	21	848	920
WINDOW 2	0	2.200	0.811	1	31	33

Space Design Load Summary for Default System

Project Name: 112_SDG
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TABLE 1.19.A. COMPONENT LOADS FOR SPACE " 206_22 " IN ZONE " Zone 1 "						
	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jul 1600 COOLING OA DB / WB 30.7 °C / 18.8 °C OCCUPIED T-STAT 25.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -16.0 °C / -17.0 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	4 m?	240	-	4 m?	-	-
Wall Transmission	7 m?	9	-	7 m?	119	-
Roof Transmission	20 m?	125	-	20 m?	190	-
Window Transmission	4 m?	33	-	4 m?	334	-
Skylight Transmission	0 m?	0	-	0 m?	0	-
Door Loads	0 m?	0	-	0 m?	0	-
Floor Transmission	0 m?	0	-	0 m?	0	-
Partitions	0 m?	0	-	0 m?	0	-
Ceiling	0 m?	0	-	0 m?	0	-
Overhead Lighting	81 W	49	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	5	337	176	0	0	0
Infiltration	-	55	-2	-	363	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	848	174	-	1006	0

TABLE 1.19.B. ENVELOPE LOADS FOR SPACE " 206_22 " IN ZONE " Zone 1 "						
				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m?)	(W/(m?-°K))	Coeff.	(W)	(W)	(W)
N EXPOSURE						
WALL	7	0.480	-	9	-	119
WINDOW 1	4	2.200	0.811	33	240	334
H EXPOSURE						
ROOF	20	0.250	-	125	-	190

Space Design Load Summary for Default System

Project Name: 112_SDG
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TABLE 1.20.A. COMPONENT LOADS FOR SPACE " 207_22 " IN ZONE " Zone 1 "						
	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jul 1600 COOLING OA DB / WB 30.7 °C / 18.8 °C OCCUPIED T-STAT 25.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -16.0 °C / -17.0 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	3 m?	168	-	3 m?	-	-
Wall Transmission	6 m?	8	-	6 m?	108	-
Roof Transmission	0 m?	0	-	0 m?	0	-
Window Transmission	3 m?	23	-	3 m?	234	-
Skylight Transmission	0 m?	0	-	0 m?	0	-
Door Loads	0 m?	0	-	0 m?	0	-
Floor Transmission	0 m?	0	-	0 m?	0	-
Partitions	0 m?	0	-	0 m?	0	-
Ceiling	0 m?	0	-	0 m?	0	-
Overhead Lighting	215 W	129	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	3	202	106	0	0	0
Infiltration	-	144	-5	-	953	1
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	675	101	-	1295	1

TABLE 1.20.B. ENVELOPE LOADS FOR SPACE " 207_22 " IN ZONE " Zone 1 "						
				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m?)	(W/(m?-°K))	Coeff.	(W)	(W)	(W)
N EXPOSURE						
WALL	6	0.480	-	8	-	108
WINDOW 1	2	2.200	0.811	17	120	167
WINDOW 2	1	2.200	0.811	7	48	67

Space Design Load Summary for Default System

Project Name: 112_SDG
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TABLE 1.21.A. COMPONENT LOADS FOR SPACE " 208_22 " IN ZONE " Zone 1 "						
	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jun 1800 COOLING OA DB / WB 26.9 °C / 17.0 °C OCCUPIED T-STAT 25.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -16.0 °C / -17.0 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	4 m?	293	-	4 m?	-	-
Wall Transmission	6 m?	6	-	6 m?	100	-
Roof Transmission	0 m?	0	-	0 m?	0	-
Window Transmission	4 m?	7	-	4 m?	318	-
Skylight Transmission	0 m?	0	-	0 m?	0	-
Door Loads	0 m?	0	-	0 m?	0	-
Floor Transmission	0 m?	0	-	0 m?	0	-
Partitions	0 m?	0	-	0 m?	0	-
Ceiling	0 m?	0	-	0 m?	0	-
Overhead Lighting	77 W	50	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	3	202	106	0	0	0
Infiltration	-	18	-18	-	350	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	576	88	-	768	0

TABLE 1.21.B. ENVELOPE LOADS FOR SPACE " 208_22 " IN ZONE " Zone 1 "						
				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m?)	(W/(m?-°K))	Coeff.	(W)	(W)	(W)
N EXPOSURE						
WALL	6	0.480	-	6	-	100
WINDOW 1	3	2.200	0.811	6	231	251
WINDOW 2	1	2.200	0.811	2	62	67

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Project Name: 112_SDG
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TABLE 1.22.A. COMPONENT LOADS FOR SPACE " 209_22 " IN ZONE " Zone 1 "						
	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jul 1700 COOLING OA DB / WB 29.9 °C / 18.5 °C OCCUPIED T-STAT 25.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -16.0 °C / -17.0 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	4 m?	983	-	4 m?	-	-
Wall Transmission	22 m?	68	-	22 m?	404	-
Roof Transmission	0 m?	0	-	0 m?	0	-
Window Transmission	4 m?	31	-	4 m?	351	-
Skylight Transmission	0 m?	0	-	0 m?	0	-
Door Loads	0 m?	0	-	0 m?	0	-
Floor Transmission	0 m?	0	-	0 m?	0	-
Partitions	0 m?	0	-	0 m?	0	-
Ceiling	0 m?	0	-	0 m?	0	-
Overhead Lighting	60 W	38	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	3	202	106	0	0	0
Infiltration	-	35	-1	-	269	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	1357	104	-	1024	0

TABLE 1.22.B. ENVELOPE LOADS FOR SPACE " 209_22 " IN ZONE " Zone 1 "						
				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m?)	(W/(m?-°K))	Coeff.	(W)	(W)	(W)
N EXPOSURE						
WALL	7	0.480	-	11	-	131
W EXPOSURE						
WALL	15	0.480	-	57	-	272
WINDOW 1	4	2.200	0.811	29	936	334
WINDOW 2	0	2.200	0.811	1	47	17

Space Design Load Summary for Default System

Project Name: 112_SDG
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TABLE 1.23.A. COMPONENT LOADS FOR SPACE " 210_22 " IN ZONE " Zone 1 "						
	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Sep 1600 COOLING OA DB / WB 28.0 °C / 17.1 °C OCCUPIED T-STAT 25.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -16.0 °C / -17.0 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	23 m?	4501	-	23 m?	-	-
Wall Transmission	27 m?	67	-	27 m?	491	-
Roof Transmission	0 m?	0	-	0 m?	0	-
Window Transmission	23 m?	52	-	23 m?	1889	-
Skylight Transmission	0 m?	0	-	0 m?	0	-
Door Loads	0 m?	0	-	0 m?	0	-
Floor Transmission	0 m?	0	-	0 m?	0	-
Partitions	0 m?	0	-	0 m?	0	-
Ceiling	0 m?	0	-	0 m?	0	-
Overhead Lighting	267 W	161	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	25	1685	880	0	0	0
Infiltration	-	93	-75	-	1184	1
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	6560	805	-	3564	1

TABLE 1.23.B. ENVELOPE LOADS FOR SPACE " 210_22 " IN ZONE " Zone 1 "						
				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m?)	(W/(m?-°K))	Coeff.	(W)	(W)	(W)
S EXPOSURE						
WALL	12	0.480	-	48	-	217
WINDOW 1	9	2.200	0.811	21	1833	752
WINDOW 2	1	2.200	0.811	1	122	50
W EXPOSURE						
WALL	15	0.480	-	19	-	274
WINDOW 1	13	2.200	0.811	30	2546	1087

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TABLE 1.24.A. COMPONENT LOADS FOR SPACE " 211_22 " IN ZONE " Zone 1 "						
	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Oct 1400 COOLING OA DB / WB 21.9 °C / 14.4 °C OCCUPIED T-STAT 25.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -16.0 °C / -17.0 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	9 m?	2490	-	9 m?	-	-
Wall Transmission	0 m?	0	-	0 m?	9	-
Roof Transmission	0 m?	0	-	0 m?	0	-
Window Transmission	9 m?	-104	-	9 m?	752	-
Skylight Transmission	0 m?	0	-	0 m?	0	-
Door Loads	0 m?	0	-	0 m?	0	-
Floor Transmission	0 m?	0	-	0 m?	0	-
Partitions	0 m?	0	-	0 m?	0	-
Ceiling	0 m?	0	-	0 m?	0	-
Overhead Lighting	3 W	7	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	3	202	106	0	0	0
Infiltration	-	-32	-45	-	397	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	2564	61	-	1159	0

TABLE 1.24.B. ENVELOPE LOADS FOR SPACE " 211_22 " IN ZONE " Zone 1 "						
				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m?)	(W/(m?-°K))	Coeff.	(W)	(W)	(W)
S EXPOSURE						
WALL	0	0.480	-	0	-	9
WINDOW 1	9	2.200	0.811	-104	2490	752

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TABLE 1.25.A. COMPONENT LOADS FOR SPACE " 212_22 " IN ZONE " Zone 1 "						
	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Oct 1400 COOLING OA DB / WB 21.9 °C / 14.4 °C OCCUPIED T-STAT 25.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -16.0 °C / -17.0 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	5 m?	1328	-	5 m?	-	-
Wall Transmission	5 m?	5	-	5 m?	99	-
Roof Transmission	0 m?	0	-	0 m?	0	-
Window Transmission	5 m?	-55	-	5 m?	401	-
Skylight Transmission	0 m?	0	-	0 m?	0	-
Door Loads	0 m?	0	-	0 m?	0	-
Floor Transmission	0 m?	0	-	0 m?	0	-
Partitions	0 m?	0	-	0 m?	0	-
Ceiling	0 m?	0	-	0 m?	0	-
Overhead Lighting	3 W	7	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	15	1011	528	0	0	0
Infiltration	-	-33	-47	-	414	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	2263	481	-	914	0

TABLE 1.25.B. ENVELOPE LOADS FOR SPACE " 212_22 " IN ZONE " Zone 1 "						
				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m?)	(W/(m?-°K))	Coeff.	(W)	(W)	(W)
S EXPOSURE						
WALL	5	0.480	-	5	-	99
WINDOW 1	4	2.200	0.811	-46	1107	334
WINDOW 2	1	2.200	0.811	-9	221	67

Space Design Load Summary for Default System

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TABLE 1.26.A. COMPONENT LOADS FOR SPACE " 213_22 " IN ZONE " Zone 1 "						
	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Oct 1400 COOLING OA DB / WB 21.9 °C / 14.4 °C OCCUPIED T-STAT 25.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -16.0 °C / -17.0 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	15 m?	4095	-	15 m?	-	-
Wall Transmission	15 m?	14	-	15 m?	272	-
Roof Transmission	0 m?	0	-	0 m?	0	-
Window Transmission	15 m?	-171	-	15 m?	1237	-
Skylight Transmission	0 m?	0	-	0 m?	0	-
Door Loads	0 m?	0	-	0 m?	0	-
Floor Transmission	0 m?	0	-	0 m?	0	-
Partitions	0 m?	0	-	0 m?	0	-
Ceiling	0 m?	0	-	0 m?	0	-
Overhead Lighting	7 W	14	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	25	1685	880	0	0	0
Infiltration	-	-66	-93	-	825	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	5572	787	-	2334	0

TABLE 1.26.B. ENVELOPE LOADS FOR SPACE " 213_22 " IN ZONE " Zone 1 "						
				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m?)	(W/(m?-°K))	Coeff.	(W)	(W)	(W)
S EXPOSURE						
WALL	15	0.480	-	14	-	272
WINDOW 1	14	2.200	0.811	-162	3874	1170
WINDOW 2	1	2.200	0.811	-9	221	67

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TABLE 1.27.A. COMPONENT LOADS FOR SPACE " 214_22 " IN ZONE " Zone 1 "						
	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Sep 1400 COOLING OA DB / WB 28.0 °C / 17.1 °C OCCUPIED T-STAT 25.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -16.0 °C / -17.0 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	19 m?	3350	-	19 m?	-	-
Wall Transmission	23 m?	61	-	23 m?	427	-
Roof Transmission	0 m?	0	-	0 m?	0	-
Window Transmission	19 m?	32	-	19 m?	1555	-
Skylight Transmission	0 m?	0	-	0 m?	0	-
Door Loads	0 m?	0	-	0 m?	0	-
Floor Transmission	0 m?	0	-	0 m?	0	-
Partitions	0 m?	0	-	0 m?	0	-
Ceiling	0 m?	0	-	0 m?	0	-
Overhead Lighting	7 W	15	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	25	1685	880	0	0	0
Infiltration	-	69	-56	-	880	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	5213	824	-	2862	0

TABLE 1.27.B. ENVELOPE LOADS FOR SPACE " 214_22 " IN ZONE " Zone 1 "						
				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m?)	(W/(m?-°K))	Coeff.	(W)	(W)	(W)
S EXPOSURE						
WALL	11	0.480	-	39	-	208
WINDOW 1	9	2.200	0.811	16	2177	752
WINDOW 2	1	2.200	0.811	1	145	50
E EXPOSURE						
WALL	12	0.480	-	22	-	219
WINDOW 1	9	2.200	0.811	16	1028	752

Space Design Load Summary for Default System

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TABLE 1.28.A. COMPONENT LOADS FOR SPACE " 301_22 " IN ZONE " Zone 1 "						
	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Aug 1400 COOLING OA DB / WB 30.7 °C / 18.8 °C OCCUPIED T-STAT 25.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -16.0 °C / -17.0 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	29 m²	3703	-	29 m²	-	-
Wall Transmission	43 m²	122	-	43 m²	776	-
Roof Transmission	66 m²	1538	-	66 m²	1731	-
Window Transmission	29 m²	223	-	29 m²	2391	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	0 m²	0	-	0 m²	0	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	10 W	21	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	20	1348	704	0	0	0
Infiltration	-	179	-6	-	1184	1
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	7134	698	-	6082	1

TABLE 1.28.B. ENVELOPE LOADS FOR SPACE " 301_22 " IN ZONE " Zone 1 "						
				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·°K))	Coeff.	(W)	(W)	(W)
S EXPOSURE						
WALL	12	0.480	-	43	-	225
WINDOW 1	9	2.200	0.811	70	1622	752
WINDOW 2	1	2.200	0.811	5	108	50
E EXPOSURE						
WALL	17	0.480	-	69	-	307
WINDOW 1	11	2.200	0.811	86	1540	920
WINDOW 2	0	2.200	0.811	3	56	33
N EXPOSURE						
WALL	13	0.480	-	9	-	245
WINDOW 1	7	2.200	0.811	55	347	585
WINDOW 2	1	2.200	0.811	5	30	50
H EXPOSURE						
ROOF	66	0.690	-	1538	-	1731

Space Design Load Summary for Default System

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TABLE 1.29.A. COMPONENT LOADS FOR SPACE " 302_22 " IN ZONE " Zone 1 "						
	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jul 1400 COOLING OA DB / WB 30.7 °C / 18.8 °C OCCUPIED T-STAT 25.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -16.0 °C / -17.0 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	4 m?	230	-	4 m?	-	-
Wall Transmission	6 m?	8	-	6 m?	117	-
Roof Transmission	8 m?	204	-	8 m?	210	-
Window Transmission	4 m?	30	-	4 m?	318	-
Skylight Transmission	0 m?	0	-	0 m?	0	-
Door Loads	0 m?	0	-	0 m?	0	-
Floor Transmission	0 m?	0	-	0 m?	0	-
Partitions	0 m?	0	-	0 m?	0	-
Ceiling	0 m?	0	-	0 m?	0	-
Overhead Lighting	1 W	3	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	1	67	35	0	0	0
Infiltration	-	22	-1	-	145	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	563	34	-	790	0

TABLE 1.29.B. ENVELOPE LOADS FOR SPACE " 302_22 " IN ZONE " Zone 1 "						
				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m?)	(W/(m?-°K))	Coeff.	(W)	(W)	(W)
N EXPOSURE						
WALL	6	0.480	-	8	-	117
WINDOW 1	3	2.200	0.811	23	181	251
WINDOW 2	1	2.200	0.811	6	48	67
H EXPOSURE						
ROOF	8	0.690	-	204	-	210

Space Design Load Summary for Default System

Project Name: 112_SDG
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TABLE 1.30.A. COMPONENT LOADS FOR SPACE " 303_22 " IN ZONE " Zone 1 "						
	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jul 1400 COOLING OA DB / WB 30.7 °C / 18.8 °C OCCUPIED T-STAT 25.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -16.0 °C / -17.0 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	4 m?	230	-	4 m?	-	-
Wall Transmission	6 m?	8	-	6 m?	117	-
Roof Transmission	8 m?	204	-	8 m?	210	-
Window Transmission	4 m?	30	-	4 m?	318	-
Skylight Transmission	0 m?	0	-	0 m?	0	-
Door Loads	0 m?	0	-	0 m?	0	-
Floor Transmission	0 m?	0	-	0 m?	0	-
Partitions	0 m?	0	-	0 m?	0	-
Ceiling	0 m?	0	-	0 m?	0	-
Overhead Lighting	1 W	3	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	1	67	35	0	0	0
Infiltration	-	22	-1	-	145	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	563	34	-	790	0

TABLE 1.30.B. ENVELOPE LOADS FOR SPACE " 303_22 " IN ZONE " Zone 1 "						
				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m?)	(W/(m?-°K))	Coeff.	(W)	(W)	(W)
N EXPOSURE						
WALL	6	0.480	-	8	-	117
WINDOW 1	3	2.200	0.811	23	181	251
WINDOW 2	1	2.200	0.811	6	48	67
H EXPOSURE						
ROOF	8	0.690	-	204	-	210

Space Design Load Summary for Default System

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TABLE 1.31.A. COMPONENT LOADS FOR SPACE " 304_22 " IN ZONE " Zone 1 "						
	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jul 1400 COOLING OA DB / WB 30.7 °C / 18.8 °C OCCUPIED T-STAT 25.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -16.0 °C / -17.0 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	5 m?	302	-	5 m?	-	-
Wall Transmission	5 m?	7	-	5 m?	95	-
Roof Transmission	8 m?	204	-	8 m?	210	-
Window Transmission	5 m?	39	-	5 m?	418	-
Skylight Transmission	0 m?	0	-	0 m?	0	-
Door Loads	0 m?	0	-	0 m?	0	-
Floor Transmission	0 m?	0	-	0 m?	0	-
Partitions	0 m?	0	-	0 m?	0	-
Ceiling	0 m?	0	-	0 m?	0	-
Overhead Lighting	1 W	3	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	1	67	35	0	0	0
Infiltration	-	22	-1	-	145	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	643	34	-	868	0

TABLE 1.31.B. ENVELOPE LOADS FOR SPACE " 304_22 " IN ZONE " Zone 1 "						
				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m?)	(W/(m?-°K))	Coeff.	(W)	(W)	(W)
N EXPOSURE						
WALL	5	0.480	-	7	-	95
WINDOW 1	5	2.200	0.811	39	302	418
H EXPOSURE						
ROOF	8	0.690	-	204	-	210

Space Design Load Summary for Default System

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TABLE 1.32.A. COMPONENT LOADS FOR SPACE " 305_22 " IN ZONE " Zone 1 "						
	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jul 1400 COOLING OA DB / WB 30.7 °C / 18.8 °C OCCUPIED T-STAT 25.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -16.0 °C / -17.0 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	4 m?	230	-	4 m?	-	-
Wall Transmission	16 m?	21	-	16 m?	298	-
Roof Transmission	15 m?	382	-	15 m?	393	-
Window Transmission	4 m?	30	-	4 m?	318	-
Skylight Transmission	0 m?	0	-	0 m?	0	-
Door Loads	0 m?	0	-	0 m?	0	-
Floor Transmission	0 m?	0	-	0 m?	0	-
Partitions	0 m?	0	-	0 m?	0	-
Ceiling	0 m?	0	-	0 m?	0	-
Overhead Lighting	2 W	5	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	1	67	35	0	0	0
Infiltration	-	41	-1	-	269	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	775	34	-	1278	0

TABLE 1.32.B. ENVELOPE LOADS FOR SPACE " 305_22 " IN ZONE " Zone 1 "						
				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m?)	(W/(m?-°K))	Coeff.	(W)	(W)	(W)
N EXPOSURE						
WALL	16	0.480	-	21	-	298
WINDOW 1	3	2.200	0.811	23	181	251
WINDOW 2	1	2.200	0.811	6	48	67
H EXPOSURE						
ROOF	15	0.690	-	382	-	393

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TABLE 1.33.A. COMPONENT LOADS FOR SPACE " 306_22 " IN ZONE " Zone 1 "						
	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Aug 1500 COOLING OA DB / WB 31.1 °C / 18.9 °C OCCUPIED T-STAT 25.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -16.0 °C / -17.0 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	27 m?	3299	-	27 m?	-	-
Wall Transmission	43 m?	120	-	43 m?	783	-
Roof Transmission	65 m?	1395	-	65 m?	1705	-
Window Transmission	27 m?	236	-	27 m?	2282	-
Skylight Transmission	0 m?	0	-	0 m?	0	-
Door Loads	0 m?	0	-	0 m?	0	-
Floor Transmission	0 m?	0	-	0 m?	0	-
Partitions	0 m?	0	-	0 m?	0	-
Ceiling	0 m?	0	-	0 m?	0	-
Overhead Lighting	7 W	18	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	25	1685	880	0	0	0
Infiltration	-	186	-5	-	1154	1
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	6938	875	-	5924	1

TABLE 1.33.B. ENVELOPE LOADS FOR SPACE " 306_22 " IN ZONE " Zone 1 "						
				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m?)	(W/(m?-°K))	Coeff.	(W)	(W)	(W)
N EXPOSURE						
WALL	9	0.480	-	7	-	164
WINDOW 1	12	2.200	0.811	104	593	1003
W EXPOSURE						
WALL	21	0.480	-	66	-	391
WINDOW 1	6	2.200	0.811	52	1125	502
WINDOW 2	1	2.200	0.811	7	150	67
S EXPOSURE						
WALL	13	0.480	-	47	-	228
WINDOW 1	8	2.200	0.811	69	1346	669
WINDOW 2	1	2.200	0.811	4	84	42
H EXPOSURE						
ROOF	65	0.690	-	1395	-	1705

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TABLE 1.34.A. COMPONENT LOADS FOR SPACE " 307_22 " IN ZONE " Zone 1 "						
	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Sep 1400 COOLING OA DB / WB 28.0 °C / 17.1 °C OCCUPIED T-STAT 25.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -16.0 °C / -17.0 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	9 m?	2177	-	9 m?	-	-
Wall Transmission	0 m?	2	-	0 m?	9	-
Roof Transmission	22 m?	380	-	22 m?	577	-
Window Transmission	9 m?	16	-	9 m?	752	-
Skylight Transmission	0 m?	0	-	0 m?	0	-
Door Loads	0 m?	0	-	0 m?	0	-
Floor Transmission	0 m?	0	-	0 m?	0	-
Partitions	0 m?	0	-	0 m?	0	-
Ceiling	0 m?	0	-	0 m?	0	-
Overhead Lighting	3 W	7	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	3	202	106	0	0	0
Infiltration	-	31	-25	-	397	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	2815	80	-	1736	0

TABLE 1.34.B. ENVELOPE LOADS FOR SPACE " 307_22 " IN ZONE " Zone 1 "						
				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m?)	(W/(m?-°K))	Coeff.	(W)	(W)	(W)
S EXPOSURE						
WALL	0	0.480	-	2	-	9
WINDOW 1	9	2.200	0.811	16	2177	752
H EXPOSURE						
ROOF	22	0.690	-	380	-	577

Space Design Load Summary for Default System

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TABLE 1.35.A. COMPONENT LOADS FOR SPACE " 308_22 " IN ZONE " Zone 1 "						
	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Sep 1400 COOLING OA DB / WB 28.0 °C / 17.1 °C OCCUPIED T-STAT 25.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -16.0 °C / -17.0 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	5 m?	1161	-	5 m?	-	-
Wall Transmission	5 m?	18	-	5 m?	99	-
Roof Transmission	23 m?	397	-	23 m?	603	-
Window Transmission	5 m?	8	-	5 m?	401	-
Skylight Transmission	0 m?	0	-	0 m?	0	-
Door Loads	0 m?	0	-	0 m?	0	-
Floor Transmission	0 m?	0	-	0 m?	0	-
Partitions	0 m?	0	-	0 m?	0	-
Ceiling	0 m?	0	-	0 m?	0	-
Overhead Lighting	3 W	7	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	15	1011	528	0	0	0
Infiltration	-	33	-26	-	414	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	2636	502	-	1518	0

TABLE 1.35.B. ENVELOPE LOADS FOR SPACE " 308_22 " IN ZONE " Zone 1 "						
				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m?)	(W/(m?-°K))	Coeff.	(W)	(W)	(W)
S EXPOSURE						
WALL	5	0.480	-	18	-	99
WINDOW 1	4	2.200	0.811	7	968	334
WINDOW 2	1	2.200	0.811	1	194	67
H EXPOSURE						
ROOF	23	0.690	-	397	-	603

Space Design Load Summary for Default System

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TABLE 1.36.A. COMPONENT LOADS FOR SPACE " 309_22 " IN ZONE " Zone 1 "

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Sep 1400 COOLING OA DB / WB 28.0 °C / 17.1 °C OCCUPIED T-STAT 25.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -16.0 °C / -17.0 °C OCCUPIED T-STAT 22.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	15 m?	3581	-	15 m?	-	-
Wall Transmission	15 m?	50	-	15 m?	272	-
Roof Transmission	46 m?	795	-	46 m?	1207	-
Window Transmission	15 m?	26	-	15 m?	1237	-
Skylight Transmission	0 m?	0	-	0 m?	0	-
Door Loads	0 m?	0	-	0 m?	0	-
Floor Transmission	0 m?	0	-	0 m?	0	-
Partitions	0 m?	0	-	0 m?	0	-
Ceiling	0 m?	0	-	0 m?	0	-
Overhead Lighting	7 W	14	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	25	1685	880	0	0	0
Infiltration	-	65	-52	-	825	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	6216	828	-	3541	0

TABLE 1.36.B. ENVELOPE LOADS FOR SPACE " 309_22 " IN ZONE " Zone 1 "

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m?)	(W/(m?-°K))	Coeff.	(W)	(W)	(W)
S EXPOSURE						
WALL	15	0.480	-	50	-	272
WINDOW 1	14	2.200	0.811	24	3387	1170
WINDOW 2	1	2.200	0.811	1	194	67
H EXPOSURE						
ROOF	46	0.690	-	795	-	1207

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TABLE 2.1.A. COMPONENT LOADS FOR SPACE " 011_18 " IN ZONE " Zone 2 "						
	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jul 1000 COOLING OA DB / WB 24.3 °C / 16.7 °C OCCUPIED T-STAT 25.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -16.0 °C / -17.0 °C OCCUPIED T-STAT 20.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	2 m?	411	-	2 m?	-	-
Wall Transmission	7 m?	54	-	7 m?	151	-
Roof Transmission	0 m?	0	-	0 m?	0	-
Window Transmission	2 m?	-5	-	2 m?	158	-
Skylight Transmission	0 m?	0	-	0 m?	0	-
Door Loads	0 m?	0	-	0 m?	0	-
Floor Transmission	18 m?	0	-	18 m?	192	-
Partitions	0 m?	0	-	0 m?	0	-
Ceiling	0 m?	0	-	0 m?	0	-
Overhead Lighting	1 W	6	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	0	0	0	0	0	0
Infiltration	-	-5	-1	-	259	-1
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	461	-1	-	761	-1

TABLE 2.1.B. ENVELOPE LOADS FOR SPACE " 011_18 " IN ZONE " Zone 2 "						
				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m?)	(W/(m?-°K))	Coeff.	(W)	(W)	(W)
E EXPOSURE						
WALL	7	0.600	-	54	-	151
WINDOW 1	2	2.200	0.811	-5	411	158

Space Design Load Summary for Default System

Project Name: 112_SDG
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TABLE 2.2.A. COMPONENT LOADS FOR SPACE " 013_18 " IN ZONE " Zone 2 "						
	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jun 1800 COOLING OA DB / WB 26.9 °C / 17.0 °C OCCUPIED T-STAT 25.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -16.0 °C / -17.0 °C OCCUPIED T-STAT 20.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	6 m?	486	-	6 m?	-	-
Wall Transmission	4 m?	4	-	4 m?	64	-
Roof Transmission	0 m?	0	-	0 m?	0	-
Window Transmission	6 m?	12	-	6 m?	500	-
Skylight Transmission	0 m?	0	-	0 m?	0	-
Door Loads	0 m?	0	-	0 m?	0	-
Floor Transmission	8 m?	0	-	8 m?	95	-
Partitions	0 m?	0	-	0 m?	0	-
Ceiling	0 m?	0	-	0 m?	0	-
Overhead Lighting	33 W	21	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	0	0	0	0	0	0
Infiltration	-	8	-8	-	113	0
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	532	-8	-	772	0

TABLE 2.2.B. ENVELOPE LOADS FOR SPACE " 013_18 " IN ZONE " Zone 2 "						
				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m?)	(W/(m?-°K))	Coeff.	(W)	(W)	(W)
N EXPOSURE						
WALL	4	0.480	-	4	-	64
WINDOW 1	6	2.200	0.811	11	462	475
WINDOW 2	0	2.200	0.811	1	24	25

Space Design Load Summary for Default System

Project Name: 112_SDG
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TABLE 2.3.A. COMPONENT LOADS FOR SPACE " 014_18 " IN ZONE " Zone 2 "						
	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jul 1700 COOLING OA DB / WB 29.9 °C / 18.5 °C OCCUPIED T-STAT 25.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -16.0 °C / -17.0 °C OCCUPIED T-STAT 20.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	0 m?	0	-	0 m?	-	-
Wall Transmission	12 m?	18	-	12 m?	208	-
Roof Transmission	0 m?	0	-	0 m?	0	-
Window Transmission	0 m?	0	-	0 m?	0	-
Skylight Transmission	0 m?	0	-	0 m?	0	-
Door Loads	0 m?	0	-	0 m?	0	-
Floor Transmission	15 m?	0	-	15 m?	159	-
Partitions	0 m?	0	-	0 m?	0	-
Ceiling	0 m?	0	-	0 m?	0	-
Overhead Lighting	59 W	37	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	100 W	88	-	0	0	-
People	1	72	60	0	0	0
Infiltration	-	29	-1	-	213	-1
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	244	59	-	579	-1

TABLE 2.3.B. ENVELOPE LOADS FOR SPACE " 014_18 " IN ZONE " Zone 2 "						
				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m?)	(W/(m?-°K))	Coeff.	(W)	(W)	(W)
N EXPOSURE						
WALL	12	0.480	-	18	-	208

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TABLE 2.4.A. COMPONENT LOADS FOR SPACE " 015_18 " IN ZONE " Zone 2 "						
	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jul 1700 COOLING OA DB / WB 29.9 °C / 18.5 °C OCCUPIED T-STAT 25.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -16.0 °C / -17.0 °C OCCUPIED T-STAT 20.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	3 m?	773	-	3 m?	-	-
Wall Transmission	29 m?	82	-	29 m?	496	-
Roof Transmission	0 m?	0	-	0 m?	0	-
Window Transmission	3 m?	24	-	3 m?	261	-
Skylight Transmission	0 m?	0	-	0 m?	0	-
Door Loads	0 m?	0	-	0 m?	0	-
Floor Transmission	40 m?	0	-	40 m?	354	-
Partitions	0 m?	0	-	0 m?	0	-
Ceiling	0 m?	0	-	0 m?	0	-
Overhead Lighting	160 W	100	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	100 W	88	-	0	0	-
People	1	72	60	0	0	0
Infiltration	-	80	-3	-	591	-2
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	1220	57	-	1702	-2

TABLE 2.4.B. ENVELOPE LOADS FOR SPACE " 015_18 " IN ZONE " Zone 2 "						
				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m?)	(W/(m?-°K))	Coeff.	(W)	(W)	(W)
N EXPOSURE						
WALL	12	0.480	-	18	-	208
W EXPOSURE						
WALL	17	0.480	-	64	-	289
WINDOW 1	3	2.200	0.811	22	702	238
WINDOW 2	0	2.200	0.811	2	70	24

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TABLE 2.5.A. COMPONENT LOADS FOR SPACE " 016.1_18 " IN ZONE " Zone 2 "						
	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jul 1700 COOLING OA DB / WB 29.9 °C / 18.5 °C OCCUPIED T-STAT 25.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -16.0 °C / -17.0 °C OCCUPIED T-STAT 20.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	2 m?	375	-	2 m?	-	-
Wall Transmission	4 m?	17	-	4 m?	76	-
Roof Transmission	0 m?	0	-	0 m?	0	-
Window Transmission	2 m?	12	-	2 m?	127	-
Skylight Transmission	0 m?	0	-	0 m?	0	-
Door Loads	0 m?	0	-	0 m?	0	-
Floor Transmission	8 m?	0	-	8 m?	66	-
Partitions	0 m?	0	-	0 m?	0	-
Ceiling	0 m?	0	-	0 m?	0	-
Overhead Lighting	32 W	20	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	0	0	0	0	0	0
Infiltration	-	19	-1	-	142	-1
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	442	-1	-	410	-1

TABLE 2.5.B. ENVELOPE LOADS FOR SPACE " 016.1_18 " IN ZONE " Zone 2 "						
				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m?)	(W/(m?-°K))	Coeff.	(W)	(W)	(W)
W EXPOSURE						
WALL	4	0.480	-	17	-	76
WINDOW 1	1	2.200	0.811	7	234	79
WINDOW 2	1	2.200	0.811	4	140	48

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TABLE 2.6.A. COMPONENT LOADS FOR SPACE " 016_18 " IN ZONE " Zone 2 "						
	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jul 1700 COOLING OA DB / WB 29.9 °C / 18.5 °C OCCUPIED T-STAT 25.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -16.0 °C / -17.0 °C OCCUPIED T-STAT 20.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	2 m?	375	-	2 m?	-	-
Wall Transmission	6 m?	23	-	6 m?	102	-
Roof Transmission	0 m?	0	-	0 m?	0	-
Window Transmission	2 m?	12	-	2 m?	127	-
Skylight Transmission	0 m?	0	-	0 m?	0	-
Door Loads	0 m?	0	-	0 m?	0	-
Floor Transmission	11 m?	0	-	11 m?	81	-
Partitions	0 m?	0	-	0 m?	0	-
Ceiling	0 m?	0	-	0 m?	0	-
Overhead Lighting	44 W	28	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	0	0	0	0	0	0
Infiltration	-	22	-1	-	162	-1
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	459	-1	-	472	-1

TABLE 2.6.B. ENVELOPE LOADS FOR SPACE " 016_18 " IN ZONE " Zone 2 "						
				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m?)	(W/(m?-°K))	Coeff.	(W)	(W)	(W)
W EXPOSURE						
WALL	6	0.480	-	23	-	102
WINDOW 1	1	2.200	0.811	7	234	79
WINDOW 2	1	2.200	0.811	4	140	48

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TABLE 2.7.A. COMPONENT LOADS FOR SPACE " 017_18 " IN ZONE " Zone 2 "						
	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jul 1700 COOLING OA DB / WB 29.9 °C / 18.5 °C OCCUPIED T-STAT 25.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -16.0 °C / -17.0 °C OCCUPIED T-STAT 20.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	3 m?	749	-	3 m?	-	-
Wall Transmission	20 m?	64	-	20 m?	339	-
Roof Transmission	0 m?	0	-	0 m?	0	-
Window Transmission	3 m?	23	-	3 m?	253	-
Skylight Transmission	0 m?	0	-	0 m?	0	-
Door Loads	0 m?	0	-	0 m?	0	-
Floor Transmission	11 m?	0	-	11 m?	81	-
Partitions	0 m?	0	-	0 m?	0	-
Ceiling	0 m?	0	-	0 m?	0	-
Overhead Lighting	83 W	52	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	0	0	0	0	0	0
Infiltration	-	41	-2	-	300	-1
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	930	-2	-	973	-1

TABLE 2.7.B. ENVELOPE LOADS FOR SPACE " 017_18 " IN ZONE " Zone 2 "						
				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m?)	(W/(m?-°K))	Coeff.	(W)	(W)	(W)
N EXPOSURE						
WALL	5	0.480	-	7	-	83
W EXPOSURE						
WALL	15	0.480	-	57	-	256
WINDOW 1	3	2.200	0.811	22	702	238
WINDOW 2	0	2.200	0.811	1	47	16

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TABLE 2.8.A. COMPONENT LOADS FOR SPACE " 018_18 " IN ZONE " Zone 2 "						
	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Sep 1400 COOLING OA DB / WB 28.0 °C / 17.1 °C OCCUPIED T-STAT 25.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -16.0 °C / -17.0 °C OCCUPIED T-STAT 20.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	2 m?	387	-	2 m?	-	-
Wall Transmission	18 m?	40	-	18 m?	308	-
Roof Transmission	0 m?	0	-	0 m?	0	-
Window Transmission	2 m?	3	-	2 m?	127	-
Skylight Transmission	0 m?	0	-	0 m?	0	-
Door Loads	0 m?	0	-	0 m?	0	-
Floor Transmission	12 m?	0	-	12 m?	85	-
Partitions	0 m?	0	-	0 m?	0	-
Ceiling	0 m?	0	-	0 m?	0	-
Overhead Lighting	2 W	4	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	0	0	0	0	0	0
Infiltration	-	16	-11	-	190	-1
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	449	-11	-	710	-1

TABLE 2.8.B. ENVELOPE LOADS FOR SPACE " 018_18 " IN ZONE " Zone 2 "						
				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m?)	(W/(m?-°K))	Coeff.	(W)	(W)	(W)
W EXPOSURE						
WALL	9	0.480	-	9	-	150
S EXPOSURE						
WALL	9	0.480	-	31	-	157
WINDOW 1	1	2.200	0.811	2	242	79
WINDOW 2	1	2.200	0.811	1	145	48

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TABLE 2.9.A. COMPONENT LOADS FOR SPACE " 019_18 " IN ZONE " Zone 2 "						
	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Sep 1400 COOLING OA DB / WB 28.0 °C / 17.1 °C OCCUPIED T-STAT 25.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -16.0 °C / -17.0 °C OCCUPIED T-STAT 20.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	2 m?	387	-	2 m?	-	-
Wall Transmission	9 m?	31	-	9 m?	157	-
Roof Transmission	0 m?	0	-	0 m?	0	-
Window Transmission	2 m?	3	-	2 m?	127	-
Skylight Transmission	0 m?	0	-	0 m?	0	-
Door Loads	0 m?	0	-	0 m?	0	-
Floor Transmission	11 m?	0	-	11 m?	81	-
Partitions	0 m?	0	-	0 m?	0	-
Ceiling	0 m?	0	-	0 m?	0	-
Overhead Lighting	2 W	3	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	0	0	0	0	0	0
Infiltration	-	16	-11	-	190	-1
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	440	-11	-	555	-1

TABLE 2.9.B. ENVELOPE LOADS FOR SPACE " 019_18 " IN ZONE " Zone 2 "						
				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m?)	(W/(m?-°K))	Coeff.	(W)	(W)	(W)
S EXPOSURE						
WALL	9	0.480	-	31	-	157
WINDOW 1	1	2.200	0.811	2	242	79
WINDOW 2	1	2.200	0.811	1	145	48

Space Design Load Summary for Default System

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Prepared by: Primex

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TABLE 2.10.A. COMPONENT LOADS FOR SPACE " 022_18 " IN ZONE " Zone 2 "						
	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jul 1600 COOLING OA DB / WB 30.7 °C / 18.8 °C OCCUPIED T-STAT 25.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -16.0 °C / -17.0 °C OCCUPIED T-STAT 20.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	0 m?	0	-	0 m?	-	-
Wall Transmission	0 m?	0	-	0 m?	0	-
Roof Transmission	0 m?	0	-	0 m?	0	-
Window Transmission	0 m?	0	-	0 m?	0	-
Skylight Transmission	0 m?	0	-	0 m?	0	-
Door Loads	0 m?	0	-	0 m?	0	-
Floor Transmission	43 m?	0	-	43 m?	164	-
Partitions	0 m?	0	-	0 m?	0	-
Ceiling	0 m?	0	-	0 m?	0	-
Overhead Lighting	174 W	105	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	1	72	60	0	0	0
Infiltration	-	101	-3	-	636	-3
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	278	57	-	800	-3

TABLE 2.10.B. ENVELOPE LOADS FOR SPACE " 022_18 " IN ZONE " Zone 2 "						
				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m?)	(W/(m?-°K))	Coeff.	(W)	(W)	(W)

Space Design Load Summary for Default System

Project Name: 112_SDG
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TABLE 2.11.A. COMPONENT LOADS FOR SPACE " 024_15 " IN ZONE " Zone 2 "						
	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Sep 1400 COOLING OA DB / WB 28.0 °C / 17.1 °C OCCUPIED T-STAT 25.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -16.0 °C / -17.0 °C OCCUPIED T-STAT 20.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	2 m?	581	-	2 m?	-	-
Wall Transmission	9 m?	91	-	9 m?	196	-
Roof Transmission	0 m?	0	-	0 m?	0	-
Window Transmission	2 m?	4	-	2 m?	190	-
Skylight Transmission	0 m?	0	-	0 m?	0	-
Door Loads	0 m?	0	-	0 m?	0	-
Floor Transmission	25 m?	0	-	25 m?	128	-
Partitions	0 m?	0	-	0 m?	0	-
Ceiling	0 m?	0	-	0 m?	0	-
Overhead Lighting	4 W	8	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	1	72	60	0	0	0
Infiltration	-	27	-19	-	328	-1
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	783	41	-	843	-1

TABLE 2.11.B. ENVELOPE LOADS FOR SPACE " 024_15 " IN ZONE " Zone 2 "						
				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m?)	(W/(m?-°K))	Coeff.	(W)	(W)	(W)
S EXPOSURE						
WALL	9	0.600	-	91	-	196
WINDOW 1	2	2.200	0.811	3	484	158
WINDOW 2	0	2.200	0.811	1	97	32

Space Design Load Summary for Default System

Project Name: 112_SDG
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TABLE 2.12.A. COMPONENT LOADS FOR SPACE " 025_15 " IN ZONE " Zone 2 "						
	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Sep 1400 COOLING OA DB / WB 28.0 °C / 17.1 °C OCCUPIED T-STAT 25.0 °C			HEATING DATA AT DES HTG HEATING OA DB / WB -16.0 °C / -17.0 °C OCCUPIED T-STAT 20.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	6 m?	1355	-	6 m?	-	-
Wall Transmission	18 m?	178	-	18 m?	384	-
Roof Transmission	0 m?	0	-	0 m?	0	-
Window Transmission	6 m?	10	-	6 m?	444	-
Skylight Transmission	0 m?	0	-	0 m?	0	-
Door Loads	0 m?	0	-	0 m?	0	-
Floor Transmission	61 m?	0	-	61 m?	189	-
Partitions	0 m?	0	-	0 m?	0	-
Ceiling	0 m?	0	-	0 m?	0	-
Overhead Lighting	9 W	19	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	1	72	60	0	0	0
Infiltration	-	75	-53	-	899	-4
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	1708	7	-	1915	-4

TABLE 2.12.B. ENVELOPE LOADS FOR SPACE " 025_15 " IN ZONE " Zone 2 "						
				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m?)	(W/(m?-°K))	Coeff.	(W)	(W)	(W)
S EXPOSURE						
WALL	18	0.600	-	178	-	384
WINDOW 1	5	2.200	0.811	9	1210	396
WINDOW 2	1	2.200	0.811	1	145	48

Space Design Load Summary for Default System

Project Name: 112_SDG
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TABLE 2.13.A. COMPONENT LOADS FOR SPACE " 107_18 " IN ZONE " Zone 2 "

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jul 1600			HEATING DATA AT DES HTG		
	COOLING OA DB / WB 30.7 °C / 18.8 °C			HEATING OA DB / WB -16.0 °C / -17.0 °C		
	OCCUPIED T-STAT 25.0 °C			OCCUPIED T-STAT 20.0 °C		
		Sensible	Latent		Sensible	Latent
SPACE LOADS	Details	(W)	(W)	Details	(W)	(W)
Window & Skylight Solar Loads	34 m²	2038	-	34 m²	-	-
Wall Transmission	51 m²	197	-	51 m²	882	-
Roof Transmission	82 m²	753	-	82 m²	916	-
Window Transmission	34 m²	284	-	34 m²	2693	-
Skylight Transmission	0 m²	0	-	0 m²	0	-
Door Loads	0 m²	0	-	0 m²	0	-
Floor Transmission	20 m²	-57	-	20 m²	40	-
Partitions	0 m²	0	-	0 m²	0	-
Ceiling	0 m²	0	-	0 m²	0	-
Overhead Lighting	332 W	200	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	0 W	0	-	0	0	-
People	2	135	70	0	0	0
Infiltration	-	246	-7	-	1538	-6
Miscellaneous	-	0	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	3796	63	-	6069	-6

TABLE 2.13.B. ENVELOPE LOADS FOR SPACE " 107_18 " IN ZONE " Zone 2 "

				COOLING	COOLING	HEATING
	Area	U-Value	Shade	TRANS	SOLAR	TRANS
	(m²)	(W/(m²·°K))	Coeff.	(W)	(W)	(W)
E EXPOSURE						
WALL	22	0.480	-	107	-	384
N EXPOSURE						
WALL	7	0.480	-	9	-	114
WINDOW 1	34	2.200	0.811	284	2038	2693
W EXPOSURE						
WALL	22	0.480	-	80	-	384
H EXPOSURE						
ROOF	82	0.310	-	753	-	916