

Table for calculated the heat load and electricity demand by rooms:

Part nº 1:

Number	Floor	Name	Revit number	Room height	m³	m² Floor	Room temp	Wall m² N	Window m² N	Door m² N	Next room temp	Wall m² E	Window m² E	Door m² E	Next room temp
1	0	Marketing department	6	2.7	297	110	20	15.432	1.368	2.71	rand	50.511	4.05	0	1.84 20 24
2	0	Equipment room	7	2.7	56.7	21	20	9.315	0	0	rand	16.578	0	4.04	15
3	0	Cleaning room	8	2.7	18.9	7	20	9.315	0	0		5.367	0	1.84	15
4	0	Product samples	9	2.7	27	10	20	9.315	0	0		7.83	0	0	15
5	0	Corridor	10	2.7	13.5	5	20	9.315	0	1.84		4.05	0	1.84	15
6	0	Copy room	11	2.7	40.5	15	20	9.315	0	1.84		11.831	0	0	15
7	0	Changing r/ bath	12	2.7	56.7	21	24	9.315	0	0		5.238	0	0	15
8	0	WC	13	2.7	8.1	3	20	4.5	0	0		4.86	0	1.84	20
9	0	Corridor/ Cloak room	14	2.7	24.3	9	20	11.8	0	1.72	24 15	7.26	0	1.84	20
10	0	Handicap wc	15	2.7	10.8	4	20	7.136	0	1.72		3.9	0	0	20
11	0	Changing r/ bath 2	16	2.7	18.9	7	20	5.724	0	0		9.517	0	0	20
12	0	Storage room	17	2.7	35.1	13	20	10.476	0	5.065		9.517	0	0	15
13	0	Showroom	18	2.7	234.9	87	20	35.435	0	1.84		24.3	0	1.84	20
14	0	Canteen	19	2.7	56.7	21	20	16	0	1.84		10.098	0	3.27	20
15	0	Hall	20	2.7	59.4	22	20	10	0	0		10	0	1.84 3.4	20
16	0	Directive office	21	2.7	56.7	21	20	10.098	0	2.71		16	0	3.27	20
17	1	Avalable Area	33	2.7	121.5	45	20	15.527	1.368	2.71	rand	21.519	0	0	15
18	1	Avalable floor	28	2.7	116.1	43	20	10	0	0	rand	29.16	0	0	15
19	1	Accountancy	32	2.7	180.9	67	20	15.432	0	1.84		23.49	0	2.1	20
20	1	Computer Room	27	2.7	48.6	18	20	9.18	0	1.84		17.528	0	0	20
21	1	Cleaning room	26	2.7	10.8	4	20	5.556	0	0		5.67	0	1.84	20
22	1	WC	31	2.7	10.8	4	20	4.252	0	0		8.464	0	1.84	20
23	1	Cloak room	30	2.7	27	10	20	11.135	0	1.84		11.135	0	2.68	15
24	1	Director room	23	2.7	48.6	18	20	10	0	2.71		15.093	0	2.1	20
25	1	Forum	37	2.7	108	40	20	6.855	0	5.065		6.855	0	1.84 5.065	20
26	1	WC2	29	2.7	8.1	3	20	3.9	0	0		3.09	0	1.84	20
27	1	Storage room	34	2.7	64.8	24	20	17.55	0	0		10	0	0	15
28	1	Director room	24	2.7	48.6	18	20	12.5	0	1.84		10.098	0	0	20
29	1	Administration room	36	2.7	75.6	28	20	14.31	0	0		15.77	0	1.84	20
30	1	Meeting room	25	2.7	51.3	19	20	8.37	0	1.84		15.77	0	0	15
31	0	Big Storage	22	6.65	2546.95	383	15	105.735	0	0	rand	159.6	0	9.275	rand
32	0	Second room S		6.65	2546.95	378	15	139.65	0	9.111	rand	119.7	0	14.871	rand

Part nº 2

Number	Floor	Name	Revit number	Room height	m³	m² Floor	Room temp	Wall m² N	Window m² N	Door m² N	Next room temp	Wall m² E	Window m² E	Door m² E	Next room temp	
1	0	Marketing department	6	2.7	297	110	20	15.432	1.368	2.71	rand	50.511	4.05	0	1.84	20 24
2	0	Equipment room	7	2.7	56.7	21	20	9.315	0	0	rand	16.578	0	4.04	15	
3	0	Cleaning room	8	2.7	18.9	7	20	9.315	0	0		5.367	0	1.84	15	
4	0	Product samples	9	2.7	27	10	20	9.315	0	0		7.83	0	0	15	
5	0	Corridor	10	2.7	13.5	5	20	9.315	0	1.84		4.05	0	1.84	15	
6	0	Copy room	11	2.7	40.5	15	20	9.315	0	1.84		11.831	0	0	15	
7	0	Changing r/ bath	12	2.7	56.7	21	24	9.315	0	0		5.238	0	0	15	
8	0	WC	13	2.7	8.1	3	20	4.5	0	0		4.86	0	1.84	20	
9	0	Corridor/ Cloak room	14	2.7	24.3	9	20	11.8	0	1.72	24 15	7.26	0	1.84	20	
10	0	Handicap wc	15	2.7	10.8	4	20	7.136	0	1.72		3.9	0	0	20	
11	0	Changing r/ bath 2	16	2.7	18.9	7	20	5.724	0	0		9.517	0	0	20	
12	0	Storage room	17	2.7	35.1	13	20	10.476	0	5.065		9.517	0	0	15	
13	0	Showroom	18	2.7	234.9	87	20	35.435	0	1.84		24.3	0	1.84	20	
14	0	Canteen	19	2.7	56.7	21	20	16	0	1.84		10.098	0	3.27	20	
15	0	Hall	20	2.7	59.4	22	20	10	0	0		10	0	1.84	3.4 20	
16	0	Directive office	21	2.7	56.7	21	20	10.098	0	2.71		16	0	3.27	20	
17	1	Available Area	33	2.7	121.5	45	20	15.527	1.368	2.71	rand	21.519	0	0	15	
18	1	Available floor	28	2.7	116.1	43	20	10	0	0	rand	29.16	0	0	15	
19	1	Accountancy	32	2.7	180.9	67	20	15.432	0	1.84		23.49	0	2.1	20	
20	1	Computer Room	27	2.7	48.6	18	20	9.18	0	1.84		17.528	0	0	20	
21	1	Cleaning room	26	2.7	10.8	4	20	5.556	0	0		5.67	0	1.84	20	
22	1	WC	31	2.7	10.8	4	20	4.252	0	0		8.464	0	1.84	20	
23	1	Cloak room	30	2.7	27	10	20	11.135	0	1.84		11.135	0	2.68	15	
24	1	Director room	23	2.7	48.6	18	20	10	0	2.71		15.093	0	2.1	20	
25	1	Forum	37	2.7	108	40	20	6.855	0	5.065		6.855	0	1.84	5.065 20	
26	1	WC2	29	2.7	8.1	3	20	3.9	0	0		3.09	0	1.84	20	
27	1	Storage room	34	2.7	64.8	24	20	17.55	0	0		10	0	0	15	
28	1	Director room	24	2.7	48.6	18	20	12.5	0	1.84		10.098	0	0	20	
29	1	Administration room	36	2.7	75.6	28	20	14.31	0	0		15.77	0	1.84	20	
30	1	Meeting room	25	2.7	51.3	19	20	8.37	0	1.84		15.77	0	0	15	
31	0	Big Storage	22	6.65	2546.95	383	15	105.735	0	0	rand	159.6	0	9.275	rand	
32	0	Second room S		6.65	2546.95	378	15	139.65	0	9.111	rand	119.7	0	14.871	rand	