

**D. DOKUMENTÁCIA STAVEBNÝCH OBJEKTOV
A INŽINIERSKÝCH SIETÍ****D.4 Ústredné vykurovanie**

03 - Výpočet tepelných strát malý a veľký pavilón

Stavba	KOMPLEXNÁ OBNOVA OBJEKTU MATERSKEJ ŠKOLY UL. NÁLEPKOVÁ 50, BREZNO	
Stavebník	Mesto Brezno Námestie gen. M. R. Štefánika 1 977 01 Brezno	Číslo kópie
Stupeň	PD PRE STAVEBNÉ POVOLENIE	
Hlavný projektant	Ing. Július Žiška	
Zodp. projektant	Božena Skybová	
Zák. číslo	2016 24 20	
Dátum	04/2016	

Akcia :ms nalepkova ul
 Zak. cislo :brezno vypoctova vonk. teplota -16 'C
 Arch.cislo :velky pavilon char. cislo budovy B 8
 Datum :06/2016 koeficient p2 .1

prizemie

Cislo miestnosti 102 Teplota miestnosti 15 'C

stena	k	delta T	dlzka	vyska	plocha	Qo	l[m]	i
	[Wm-2K-1]	[°C]	[m]	[m]	[m2]	[W]	[m3s-1/mPa-0.67]	
1 sz	0.20	31.00	6.20	3.30	10.74	66.59	0.00	0
1 oz	1.00	31.00	5.40	1.80	9.72	301.32	18.40	.00014
2 sz	0.22	31.00	6.20	3.30	20.46	139.54	0.00	0
3 sz	0.20	31.00	1.80	3.30	2.97	18.41	0.00	0
3 dz	1.00	31.00	1.10	2.70	2.97	92.07	8.60	.00019
4 pd	1.00	10.00	1.70	6.20	10.54	105.40	0.00	0
5 pd	1.00	10.00	2.40	4.50	10.80	108.00	0.00	0
Plocha stien delta T koef.p1 M suma(ixl)								
	107.04	31.00	0.03	1.00	0.0042			
kc [Wm-2K-1] Qo[W] Qp[W] Qv[W]								
	0.25	831.33	939.40	857.30	Qc = 1796.706	[W]		

miestnost 136 ako 102

Cislo miestnosti 111 Teplota miestnosti 22 'C

stena	k	delta T	dlzka	vyska	plocha	Qo	l[m]	i
	[Wm-2K-1]	[°C]	[m]	[m]	[m2]	[W]	[m3s-1/mPa-0.67]	
1 sz	0.22	38.00	5.90	3.30	19.47	162.77	0.00	0
2 sz	0.22	38.00	16.30	3.30	22.59	188.85	0.00	0
2 oz	1.00	38.00	2.40	2.10	5.04	191.52	9.00	.00014
2 dz	1.00	38.00	3.00	2.70	8.10	307.80	13.40	.00019
2 oz	1.00	38.00	8.60	2.10	18.06	686.28	25.40	.00014
3 sv	2.00	2.00	5.90	3.30	19.47	77.88	0.00	0
4 sv	2.00	2.00	16.30	3.30	53.79	215.16	0.00	0
5 pd	1.00	17.00	16.30	5.90	96.17	1634.89	0.00	0
Plocha stien delta T koef.p1 M suma(ixl)								
	338.86	38.00	0.03	1.00	0.0074			
kc [Wm-2K-1] Qo[W] Qp[W] Qv[W]								
	0.27	3465.15	3915.62	2009.46	Qc = 5925.084	[W]		

miestnost 130 ako 111

Cislo miestnosti 120 Teplota miestnosti 20 'C

stena	k	delta T	dlzka	vyska	plocha	Qo	l[m]	i
	[Wm-2K-1]	[°C]	[m]	[m]	[m2]	[W]	[m3s-1/mPa-0.67]	
1 sz	0.22	36.00	1.70	3.30	1.56	12.36	0.00	0
1 dz	1.00	36.00	1.50	2.70	4.05	145.80	8.40	.00019
2 pd	1.00	15.00	1.70	4.90	8.33	124.95	0.00	0
Plocha stien delta T koef.p1 M suma(ixl)								
	51.22	36.00	0.03	1.00	0.0016			
kc [Wm-2K-1] Qo[W] Qp[W] Qv[W]								
	0.15	283.11	319.91	397.54	Qc = 717.4513	[W]		

miestnost 121 ako 120

Cislo miestnosti 117 +123 Teplota miestnosti 20 'C

stena	k	delta T	dlzka	vyska	plocha	Qo	l[m]	i
	[Wm-2K-1]	[°C]	[m]	[m]	[m2]	[W]	[m3s-1/mPa-0.67]	
1 sz	0.22	35.00	3.50	3.30	8.90	68.49	0.00	0
1 dz	1.00	35.00	0.90	2.95	2.66	92.92	7.70	.00019
2 sv	2.20	5.00	3.50	3.30	11.55	127.05	0.00	0
3 pd	1.90	15.00	3.50	2.40	8.40	239.40	0.00	0

Plocha stien delta T koef.p1 M suma(ixl)
 55.74 35.00 0.03 1.00 0.0015
 kc [Wm-2K-1] Qo[W] Qp[W] Qv[W]
 0.27 527.87 596.49 632.53 Qc = 1229.021 [W]

ostatne miestnosti ako v malom pavilone

poschodie

Cislo miestnosti 202 Teplota miestnosti 15 'C
 stena k delta T dlzka vyska plocha Qo l[m] i
 [Wm-2K-1] [C] [m] [m] [m2] [W] [m3s-1/mPa-0.67]
 1 sz 0.20 31.00 6.20 3.90 14.46 89.65 0.00 0
 1 oz 1.00 31.00 5.40 1.80 9.72 301.32 16.40 .00014
 2 sz 0.22 31.00 6.20 3.90 24.18 164.91 0.00 0
 3 sz 0.20 31.00 1.70 3.90 3.66 22.69 0.00 0
 3 dz 1.00 31.00 1.10 2.70 2.97 92.07 7.60 .00019
 4 st 0.10 31.00 1.70 6.20 10.54 32.67 0.00 0
 5 st 0.10 31.00 2.40 4.60 11.04 34.22 0.00 0
 Plocha stien delta T koef.p1 M suma(ixl)
 119.52 31.00 0.03 1.00 0.0037
 kc [Wm-2K-1] Qo[W] Qp[W] Qv[W]
 0.20 737.54 833.42 805.78 Qc = 1639.196 [W]

miestnost 234 ako 202

Cislo miestnosti 211 Teplota miestnosti 22 'C
 stena k delta T dlzka vyska plocha Qo l[m] i
 [Wm-2K-1] [C] [m] [m] [m2] [W] [m3s-1/mPa-0.67]
 1 sz 0.22 38.00 5.90 3.90 23.01 192.36 0.00 0
 2 sz 0.22 38.00 16.60 3.90 33.24 277.89 0.00 0
 2 oz 1.00 38.00 5.40 2.10 11.34 430.92 17.00 .00014
 2 oz 1.00 38.00 5.40 2.10 11.34 430.92 17.00 .00014
 2 oz 1.00 38.00 4.20 2.10 8.82 335.16 14.60 .00014
 3 sv 2.00 2.00 16.60 3.90 64.74 258.96 0.00 0
 4 st 0.10 38.00 5.90 16.60 97.94 372.17 0.00 0
 Plocha stien delta T koef.p1 M suma(ixl)
 371.38 38.00 0.03 1.00 0.0068
 kc [Wm-2K-1] Qo[W] Qp[W] Qv[W]
 0.16 2298.38 2597.17 1688.94 Qc = 4286.113 [W]

miestnost 228 ako 211

Cislo miestnosti 219 Teplota miestnosti 22 'C
 stena k delta T dlzka vyska plocha Qo l[m] i
 [Wm-2K-1] [C] [m] [m] [m2] [W] [m3s-1/mPa-0.67]
 1 sz 0.22 38.00 1.30 3.90 2.55 21.32 0.00 0
 1 oz 1.00 38.00 1.20 2.10 2.52 95.76 6.60 .00014
 2 sv 2.00 7.00 1.30 3.90 5.07 70.98 0.00 0
 3 st 0.10 38.00 1.30 4.90 6.37 24.21 0.00 0
 Plocha stien delta T koef.p1 M suma(ixl)
 62.14 38.00 0.00 1.00 0.0009
 kc [Wm-2K-1] Qo[W] Qp[W] Qv[W]
 0.09 212.26 233.49 265.16 Qc = 498.6552 [W]

miestnost 220 ako 219

Cislo miestnosti 221 Teplota miestnosti 15 'C
 stena k delta T dlzka vyska plocha Qo l[m] i
 [Wm-2K-1] [C] [m] [m] [m2] [W] [m3s-1/mPa-0.67]
 1 sz 0.20 31.00 1.30 3.90 1.82 11.31 0.00 0

1 dz	1.00	31.00	1.10	2.95	3.25	100.60	9.10	.00019
2 st	0.10	31.00	3.00	1.30	3.90	12.09	0.00	0
Plocha stien delta T koef.p1 M suma(ixl)								
	41.34	31.00	0.00	1.00	0.0017			
kc [Wm-2K-1]	Qo[W]	Qp[W]	Qv[W]					
0.10	124.00	136.40	357.43	Qc = 493.8296 [W]				

miestnost 216 ako 221

ostatne miestnosti ako v malom pavilone

Akcia :ms nalepkova
 Zak. cislo :brezno vypoctova vonk. teplota -16 'C
 Arch.cislo :maly pavilon char. cislo budovy B 8
 Datum :06/2016 koeficient p2 .1

prizemie

Cislo miestnosti 143 Teplota miestnosti 22 'C

stena	k	delta T	dlzka	vyska	plocha	Qo	l[m]	i
	[Wm-2K-1]	[°C]	[m]	[m]	[m2]	[W]	[m3s-1/mPa-0.67]	
1 sz	0.22	38.00	16.30	3.30	22.77	190.36	0.00	0
1 oz	1.00	38.00	3.20	2.10	6.72	255.36	11.60	.00014
1 oz	1.00	38.00	5.40	2.10	11.34	430.92	18.00	.00014
1 dz	1.00	38.00	4.80	2.70	12.96	492.48	19.00	.00019
2 sz	0.20	38.00	5.90	3.30	19.47	147.97	0.00	0
3 sv	2.00	2.00	16.30	3.30	53.79	215.16	0.00	0
4 pd	1.00	17.00	16.30	5.90	96.17	1634.89	0.00	0
Plocha stien delta T koef.p1 M suma(ixl)								
	338.86	38.00	0.03	1.00	0.0078			
kc [Wm-2K-1] Qo[W] Qp[W] Qv[W]								
	0.26	3367.14	3804.87	2064.38	Qc = 5869.248	[W]		

Cislo miestnosti 155 Teplota miestnosti 20 'C

stena	k	delta T	dlzka	vyska	plocha	Qo	l[m]	i
	[Wm-2K-1]	[°C]	[m]	[m]	[m2]	[W]	[m3s-1/mPa-0.67]	
1 sz	0.22	36.00	6.00	3.30	19.80	156.82	0.00	0
2 sz	0.20	36.00	8.70	3.30	24.66	177.55	0.00	0
2 oz	1.00	36.00	1.80	0.90	1.62	58.32	7.40	.00014
2 oz	1.00	36.00	1.80	0.90	1.62	58.32	5.40	.00014
2 oz	1.00	36.00	0.90	0.90	0.81	29.16	3.60	.00014
3 sz	0.20	36.00	6.00	3.30	16.06	115.63	0.00	0
3 dz	1.00	36.00	1.70	2.20	3.74	134.64	7.80	.00019
4 sz	0.22	36.00	2.20	3.30	7.26	57.50	0.00	0
5 sv	1.20	5.00	6.70	3.30	19.31	115.86	0.00	0
5 dv	2.30	5.00	1.40	2.00	2.80	32.20	0.00	0
6 pd	1.00	15.00	6.00	8.70	52.20	783.00	0.00	0
7 st	0.10	36.00	6.00	8.70	52.20	187.92	0.00	0
Plocha stien delta T koef.p1 M suma(ixl)								
	201.42	36.00	0.03	1.00	0.0038			
kc [Wm-2K-1] Qo[W] Qp[W] Qv[W]								
	0.26	1906.92	2154.82	1014.48	Qc = 3169.302	[W]		

Cislo miestnosti 153 Teplota miestnosti 15 'C

stena	k	delta T	dlzka	vyska	plocha	Qo	l[m]	i
	[Wm-2K-1]	[°C]	[m]	[m]	[m2]	[W]	[m3s-1/mPa-0.67]	
1 sz	0.20	31.00	6.20	3.30	10.74	66.59	0.00	0
1 oz	1.00	31.00	5.40	1.80	9.72	301.32	18.40	.00014
2 sz	0.22	31.00	1.70	3.30	2.64	18.00	0.00	0
2 dz	1.00	31.00	1.10	2.70	2.97	92.07	7.60	.00019
3 pd	1.00	10.00	6.20	1.70	10.54	105.40	0.00	0
4 pd	1.00	10.00	2.40	4.60	11.04	110.40	0.00	0
Plocha stien delta T koef.p1 M suma(ixl)								
	107.04	31.00	0.03	1.00	0.0040			
kc [Wm-2K-1] Qo[W] Qp[W] Qv[W]								
	0.21	693.78	783.97	896.05	Qc = 1680.023	[W]		

Cislo miestnosti 156 Teplota miestnosti 20 'C

stena	k	delta T	dlzka	vyska	plocha	Qo	l[m]	i
	[Wm-2K-1]	[°C]	[m]	[m]	[m2]	[W]	[m3s-1/mPa-0.67]	
1 sz	0.20	36.00	2.90	3.30	4.39	31.64	0.00	0
1 oz	1.00	36.00	1.20	2.10	2.52	90.72	6.60	.00014
1 dz	1.00	36.00	0.90	2.95	2.66	95.58	7.70	.00019

2 sz	0.22	36.00	3.30	2.70	8.91	70.57	0.00	0
3 pd	1.00	15.00	2.00	4.60	9.20	138.00	0.00	0
Plocha stien delta T koef.p1 M suma(ixl)								
	61.96	36.00	0.03	1.00	0.0024			
kc [Wm-2K-1] Qo[W] Qp[W] Qv[W]								
	0.19	426.51	481.96	593.69	Qc = 1075.65	[W]		

prizemie

Cislo miestnosti 142 Teplota miestnosti 15 °C

stena	k	delta T	dlzka	vyska	plocha	Qo	l[m]	i
		[Wm-2K-1]	[°C]	[m]	[m]	[m2]	[W]	[m3s-1/mPa-0.67]
1 SZ	0.20	30.00	1.80	3.30	3.51	21.06	0.00	0
1 DZ	1.00	30.00	0.90	2.70	2.43	72.90	7.20	.00019
2 SZ	0.20	30.00	2.00	3.30	6.60	39.60	0.00	0
3 SV	2.20	-7.00	2.00	3.30	6.60	-101.64	0.00	0
4 PD	1.90	10.00	1.80	2.00	3.60	68.40	0.00	0
Plocha stien delta T koef.p1 M suma(ixl)								
	32.28	30.00	0.03	1.00	0.0014			
kc [Wm-2K-1] Qo[W] Qp[W] Qv[W]								
	0.10	100.32	113.36	226.82	Qc = 340.1776	[W]		

Cislo miestnosti 144 Teplota miestnosti 22 °C

stena	k	delta T	dlzka	vyska	plocha	Qo	l[m]	i
		[Wm-2K-1]	[°C]	[m]	[m]	[m2]	[W]	[m3s-1/mPa-0.67]
1 SZ	0.22	37.00	1.50	3.30	2.43	19.78	0.00	0
1 OZ	0.90	37.00	1.20	2.10	2.52	83.92	6.60	.00014
2 SV	2.20	7.00	4.40	3.30	14.52	223.61	0.00	0
3 PD	1.90	17.00	1.50	4.40	6.60	213.18	0.00	0
Plocha stien delta T koef.p1 M suma(ixl)								
	52.14	37.00	0.03	1.00	0.0009			
kc [Wm-2K-1] Qo[W] Qp[W] Qv[W]								
	0.28	540.48	610.75	205.56	Qc = 816.3024	[W]		

Cislo miestnosti 145 Teplota miestnosti 15 °C

stena	k	delta T	dlzka	vyska	plocha	Qo	l[m]	i
		[Wm-2K-1]	[°C]	[m]	[m]	[m2]	[W]	[m3s-1/mPa-0.67]
1 SZ	0.22	30.00	1.00	3.30	0.65	4.26	0.00	0
1 DZ	1.00	30.00	0.90	2.95	2.66	79.65	7.70	.00019
2 SV	2.20	-7.00	2.40	3.30	7.92	-121.97	0.00	0
3 PD	1.90	10.00	1.00	1.40	1.40	26.60	0.00	0
Plocha stien delta T koef.p1 M suma(ixl)								
	18.64	30.00	0.00	1.00	0.0015			
kc [Wm-2K-1] Qo[W] Qp[W] Qv[W]								
	-0.02	-11.46	-12.61	256.46	Qc = 243.8489	[W]		

Cislo miestnosti 147 Teplota miestnosti 22 °C

stena	k	delta T	dlzka	vyska	plocha	Qo	l[m]	i
		[Wm-2K-1]	[°C]	[m]	[m]	[m2]	[W]	[m3s-1/mPa-0.67]
1 SZ	0.22	37.00	3.10	3.30	5.19	42.25	0.00	0
1 OZ	0.90	37.00	1.20	2.10	2.52	83.92	6.60	.00014
1 OZ	0.90	37.00	1.20	2.10	2.52	83.92	6.60	.00014
2 SV	2.20	7.00	4.40	3.30	14.52	223.61	0.00	0
3 SV	2.20	2.00	4.40	3.30	14.52	63.89	0.00	0
4 PD	1.90	17.00	3.10	4.40	13.64	440.57	0.00	0
Plocha stien delta T koef.p1 M suma(ixl)								
	76.78	37.00	0.06	1.00	0.0018			
kc [Wm-2K-1] Qo[W] Qp[W] Qv[W]								
	0.33	938.15	1088.25	411.11	Qc = 1499.36	[W]		

Cislo miestnosti 148 Teplota miestnosti 20 °C

stena	k	delta T	dlzka	vyska	plocha	Qo	l[m]	i
-------	---	---------	-------	-------	--------	----	------	---

	[Wm-2K-1]	[°C]	[m]	[m]	[m2]	[W]	[m3s-1/mPa-0.67]
1 SZ	0.22	35.00	3.10	3.30	5.19	39.96	0.00 0
1 OZ	0.90	35.00	1.20	2.10	2.52	79.38	6.60 .00014
1 OZ	0.90	35.00	1.20	2.10	2.52	79.38	6.60 .00014
2 SV	2.20	-2.00	8.40	3.30	27.72	-121.97	0.00 0
3 SV	2.20	-4.00	3.00	3.30	9.90	-87.12	0.00 0
4 SV	2.20	5.00	1.40	3.30	4.62	50.82	0.00 0
5 SV	1.20	5.00	1.00	3.30	1.70	10.20	0.00 0
5 DV	2.30	5.00	0.80	2.00	1.60	18.40	0.00 0
6 PD	1.90	15.00	4.00	4.40	17.60	501.60	0.00 0
Plocha stien delta T koef.p1 M suma(ixl)							
90.64 35.00 0.03 1.00 0.0018							
kc [Wm-2K-1] Qo[W] Qp[W] Qv[W]							
0.18 570.65 644.84 472.67 Qc = 1117.512 [W]							

Cislo miestnosti 149 Teplota miestnosti 24 °C

stena	k	delta T	dlzka	vyska	plocha	Qo	l[m] i
	[Wm-2K-1]	[°C]	[m]	[m]	[m2]	[W]	[m3s-1/mPa-0.67]
1 SV	2.20	9.00	5.00	3.30	16.50	326.70	0.00 0
2 SV	2.20	2.00	2.00	3.30	6.60	29.04	0.00 0
3 SV	2.20	9.00	2.00	3.30	6.60	130.68	0.00 0
4 PD	1.90	19.00	2.00	3.00	6.00	216.60	0.00 0
Plocha stien delta T koef.p1 M suma(ixl)							
45.00 39.00 0.06 0.00 0.0000							
kc [Wm-2K-1] Qo[W] Qp[W] Qv[W]							
0.40 703.02 815.50 0.00 Qc = 815.5031 [W]							

poschodie

Cislo miestnosti 240 Teplota miestnosti 22 °C

stena	k	delta T	dlzka	vyska	plocha	Qo	l[m] i
	[Wm-2K-1]	[°C]	[m]	[m]	[m2]	[W]	[m3s-1/mPa-0.67]
1 SZ	0.22	37.00	1.50	3.20	2.28	18.56	0.00 0
1 OZ	0.90	37.00	1.20	2.10	2.52	83.92	6.60 .00014
2 SV	2.20	2.00	4.40	3.20	14.08	61.95	0.00 0
3 SV	2.20	7.00	4.40	3.20	14.08	216.83	0.00 0
4 ST	0.10	37.00	1.50	4.40	6.60	24.42	0.00 0
Plocha stien delta T koef.p1 M suma(ixl)							
50.96 37.00 0.03 1.00 0.0009							
kc [Wm-2K-1] Qo[W] Qp[W] Qv[W]							
0.22 405.68 458.42 255.56 Qc = 713.9727 [W]							

Cislo miestnosti 241 Teplota miestnosti 15 °C

stena	k	delta T	dlzka	vyska	plocha	Qo	l[m] i
	[Wm-2K-1]	[°C]	[m]	[m]	[m2]	[W]	[m3s-1/mPa-0.67]
1 SZ	0.22	30.00	1.00	3.20	0.55	3.60	0.00 0
1 DZ	1.00	30.00	0.90	2.95	2.66	79.65	7.70 .00019
2 SV	2.20	-7.00	2.80	3.20	8.96	-137.98	0.00 0
3 ST	0.10	30.00	1.00	1.40	1.40	4.20	0.00 0
Plocha stien delta T koef.p1 M suma(ixl)							
18.16 30.00 0.00 1.00 0.0015							
kc [Wm-2K-1] Qo[W] Qp[W] Qv[W]							
-0.09 -50.54 -55.59 256.46 Qc = 200.8653 [W]							

Cislo miestnosti 243 Teplota miestnosti 22 °C

stena	k	delta T	dlzka	vyska	plocha	Qo	l[m] i
	[Wm-2K-1]	[°C]	[m]	[m]	[m2]	[W]	[m3s-1/mPa-0.67]
1 SZ	0.22	37.00	3.10	3.20	4.88	39.72	0.00 0
1 OZ	0.90	37.00	1.20	2.10	2.52	83.92	6.60 .00014
1 OZ	0.90	37.00	1.20	2.10	2.52	83.92	6.60 .00014

2 SV	2.20	7.00	4.40	3.20	14.08	216.83	0.00	0
3 SV	2.20	2.00	4.40	3.20	14.08	61.95	0.00	0
4 ST	0.10	37.00	3.10	4.40	13.64	50.47	0.00	0
Plocha stien delta T koef.p1 M suma(ixl)								
75.28 37.00 0.03 1.00 0.0018								
kc [Wm-2K-1] Qo[W] Qp[W] Qv[W]								
0.19 536.81 606.59 411.11 Qc = 1017.703 [W]								

Cislo miestnosti 246 Teplota miestnosti 20 °C

stena	k	delta T	dlzka	vyska	plocha	Qo	l[m]	i
	[Wm-2K-1]	[°C]	[m]	[m]	[m2]	[W]	[m3s-1/mPa-0.67]	
1 SZ	0.22	35.00	3.00	3.20	4.56	35.11	0.00	0
1 OZ	0.90	35.00	1.20	2.10	2.52	79.38	6.60	.00014
1 OZ	0.90	35.00	1.20	2.10	2.52	79.38	6.60	.00014
2 SV	2.20	-2.00	8.50	3.20	27.20	-119.68	0.00	0
3 SV	2.20	-4.00	3.00	3.20	9.60	-84.48	0.00	0
4 SV	2.20	5.00	1.00	3.20	1.60	17.60	0.00	0
4 DV	2.30	5.00	0.80	2.00	1.60	18.40	0.00	0
5 ST	0.10	35.00	4.00	4.40	17.60	61.60	0.00	0
Plocha stien delta T koef.p1 M suma(ixl)								
88.96 35.00 0.00 1.00 0.0018								
kc [Wm-2K-1] Qo[W] Qp[W] Qv[W]								
0.03 87.31 96.04 472.67 Qc = 568.7152 [W]								

Cislo miestnosti 247 Teplota miestnosti 24 °C

stena	k	delta T	dlzka	vyska	plocha	Qo	l[m]	i
	[Wm-2K-1]	[°C]	[m]	[m]	[m2]	[W]	[m3s-1/mPa-0.67]	
1 SV	2.20	9.00	5.00	3.20	16.00	316.80	0.00	0
2 SV	2.20	2.00	2.00	3.20	6.40	28.16	0.00	0
3 SV	2.20	4.00	3.00	3.20	9.60	84.48	0.00	0
4 ST	0.10	39.00	3.00	2.00	6.00	23.40	0.00	0
Plocha stien delta T koef.p1 M suma(ixl)								
44.00 39.00 0.03 0.00 0.0000								
kc [Wm-2K-1] Qo[W] Qp[W] Qv[W]								
0.26 452.84 511.71 0.00 Qc = 511.7093 [W]								

Cislo miestnosti 245 Teplota miestnosti 22 °C

stena	k	delta T	dlzka	vyska	plocha	Qo	l[m]	i
	[Wm-2K-1]	[°C]	[m]	[m]	[m2]	[W]	[m3s-1/mPa-0.67]	
1 sz	0.22	38.00	5.90	3.90	23.01	192.36	0.00	0
2 sz	0.22	38.00	12.40	3.90	25.68	214.68	0.00	0
2 oz	1.00	38.00	5.40	2.10	11.34	430.92	19.00	.00014
2 oz	1.00	38.00	5.40	2.10	11.34	430.92	15.00	.00014
3 sv	2.00	2.00	12.40	3.90	48.36	193.44	0.00	0
4 st	0.10	38.00	5.90	12.40	73.16	278.01	0.00	0
Plocha stien delta T koef.p1 M suma(ixl)								
289.06 38.00 0.03 1.00 0.0048								
kc [Wm-2K-1] Qo[W] Qp[W] Qv[W]								
0.16 1740.34 1966.58 1281.15 Qc = 3247.732 [W]								

Cislo miestnosti 253 Teplota miestnosti 22 °C

stena	k	delta T	dlzka	vyska	plocha	Qo	l[m]	i
	[Wm-2K-1]	[°C]	[m]	[m]	[m2]	[W]	[m3s-1/mPa-0.67]	
1 sz	0.22	38.00	5.80	3.90	11.49	96.06	0.00	0
1 oz	1.00	38.00	5.30	2.10	11.13	422.94	16.80	.00014
2 sz	0.20	38.00	5.90	3.30	19.47	147.97	0.00	0
3 sv	2.00	2.00	5.80	3.90	22.62	90.48	0.00	0
4 st	0.10	38.00	5.80	5.90	34.22	130.04	0.00	0
Plocha stien delta T koef.p1 M suma(ixl)								
159.70 38.00 0.03 1.00 0.0024								
kc [Wm-2K-1] Qo[W] Qp[W] Qv[W]								
0.15 887.48 1002.86 629.51 Qc = 1632.368 [W]								

Cislo miestnosti 252 Teplota miestnosti 15 'C

stena	k	delta T	dlzka	vyska	plocha	Qo	l[m]	i
	[Wm-2K-1]	[°C]	[m]	[m]	[m2]	[W]	[m3s-1/mPa-0.67]	
1 sz	0.20	31.00	6.20	3.90	24.18	149.92	0.00	0
2 sz	0.20	31.00	6.20	3.90	14.46	89.65	0.00	0
2 oz	1.00	31.00	5.40	1.80	9.72	301.32	16.40	.00014
3 sz	0.22	31.00	1.70	3.90	3.39	23.09	0.00	0
3 dz	1.00	31.00	1.10	2.95	3.25	100.60	8.10	.00019
4 st	0.10	31.00	6.20	1.70	10.54	32.67	0.00	0
5 st	0.10	31.00	2.40	4.60	11.04	34.22	0.00	0
Plocha stien delta T koef.p1 M suma(ixl)								
	119.52	31.00	0.03	1.00	0.0038			
kc [Wm-2K-1] Qo[W] Qp[W] Qv[W]								
	0.20	731.47	826.56	836.40	Qc = 1662.961	[W]		

Cislo miestnosti 239 Teplota miestnosti 20 'C

stena	k	delta T	dlzka	vyska	plocha	Qo	l[m]	i
	[Wm-2K-1]	[°C]	[m]	[m]	[m2]	[W]	[m3s-1/mPa-0.67]	
1 sz	0.20	36.00	2.90	3.90	6.27	45.14	0.00	0
1 oz	1.00	36.00	2.40	2.10	5.04	181.44	11.00	.00014
2 sz	0.22	36.00	3.00	3.90	11.70	92.66	0.00	0
3 st	0.10	36.00	2.90	4.20	12.18	43.85	0.00	0
Plocha stien delta T koef.p1 M suma(ixl)								
	79.74	36.00	0.03	1.00	0.0015			
kc [Wm-2K-1] Qo[W] Qp[W] Qv[W]								
	0.13	363.10	410.30	376.58	Qc = 786.8745	[W]		