

3.3.1. BREVIAR DE CALCUL AL NECESARULUI DE INCALZIRE-GRADINITA NR.3 BISTRITA

Nr.crt	Denumire Incapere		Suprafata	Inaltime	Volum	q specific	Q necesar	Numar radiatoare	Corectie	Lungime radiatoare	Q radiator	Q real	Radiatoare 22/600				
			(m ²)	(m)	(m ³)	(W/m ³)	(W)					(W)	L	W	(kcal/h)		
PARTER(GRADINITA)																	
F01	Sala grupa 4		69.02		3.00	207.06	46.5		9628.29	3.77	4	1400	2556	10224	520	950	817
F02	Sala grupa 3		68.69		3.00	206.07	46.5		9582.255	3.75	4	1400	2556	10224	600	1096	942
F03	WC PHL		3.85		3.00	11.55	43		496.65	1.11	1	40/120	446	446	720	1315	1131
F04	WC copil		10.23		3.00	30.69	43		1319.67	1.00	1	720	1315	1315	800	1461	1256
F05	Spalator copil		13.2		3.00	39.6	43		1702.8	1.01	1	920	1680	1680	920	1680	1445
F06	Sala de mese		43.5		3.00	130.5	40.5		5285.25	2.07	2	1400	2556	5112	1000	1826	1570
F07	Sala grupa 2		68.92		3.00	206.76	46.5		9614.34	3.76	4	1400	2556	10224	1120	2045	1758
F08	Sala grupa 1		66.6		3.00	199.8	46.5		9290.7	3.63	4	1400	2556	10224	1200	2191	1884
P09	WC educatoare		3.49		3.00	10.47	43		450.21	1.01	1	40/120	446	446	1320	2410	2072
P10	WC copil		5.96		3.00	17.88	43		768.84	0.81	1	520	950	950	1400	2556	2198
P11	Spalator copil		13.61		3.00	40.83	43		1755.69	1.05	1	920	1680	1680	1600	2922	2512
P12	Sala de mese		41.25		3.00	123.75	40.5		5011.875	1.96	2	1400	2556	5112	1800	3287	2826
P13	Cabinet medical		11.29		3.00	33.87	45		1524.15	0.91	1	920	1680	1680	2000	3652	3140
P14	Hol		16.1		3.00	48.3	38		1835.4	1.01	1	1000	1826	1826	2200	4017	3454
P15	Hol central		22.23		3.00	66.69	38		2534.22	1.05	1	1320	2410	2410	Radiatoare baie(L/h)		
P16	Vestiar		8.66		3.00	25.98	45		1169.1	1.07	1	600	1096	1096	40/80	302	260
P17	Coridor		22.68		3.00	68.04	38		2585.52	1.77	2	800	1461	2922	40/120	446	384
P18	Spalare depozitare		11.21		3.00	33.63	40		1345.2	1.02	1	720	1315	1315	40/150	563	485
P19	Oficiu servire masa		10.87		3.00	32.61	40		1304.4	0.99	1	720	1315	1315	45/80	336	289
Total parter			511.36			1534.08					34			70201	45/120	496	427
														45/150		626	539

Nr.crt	Denumire incapere	Suprafata	Inaltime	Volum	q specific	Q necesar	Numar radiatoare	Corectie	Lungime radiatoare	Q radiator	Q real	Radiatoare 22/600										
		(m²)										(m)	(m³)	(W/m²)	(W)	L	W	(kcal/h)				
ETA 1 (GRADINITA)																						
101	Sala grupa 8	69.02		3.00	207.06	46.5		9628.29	3.77	4	1400	2556	10224	520	950	817						
102	Sala grupa 7	68.69		3.00	206.07	46.5		9582.255	3.75	4	1400	2556	10224	600	1096	947						
103	WC educatoare	3.85		3.00	11.55	43		496.65	1.11	1	40/120	446	446	720	1315	1131						
104	WC copil	10.23		3.00	30.69	43		1319.67	1.00	1	720	1315	1315	800	1461	1256						
105	Spalator copil	13.2		3.00	39.6	43		1702.8	1.01	1	920	1680	1680	920	1680	1440						
106	Sala de mese	43.5		3.00	130.5	40.5		5285.25	2.07	2	1400	2556	5112	1000	1826	1570						
107	Sala grupa 6	68.92		3.00	206.76	46.5		9614.34	3.76	4	1400	2556	10224	1200	2045	1750						
108	Sala grupa 5	66.6		3.00	199.8	46.5		9290.7	3.63	4	1400	2556	10224	1200	2045	1750						
109	WC educatoare	3.49		3.00	10.47	43		450.21	1.01	1	40/120	446	446	720	1315	1131						
110	WC copil	5.96		3.00	17.88	43		768.84	0.81	1	520	950	950	1400	2556	2190						
111	Spalator copil	13.61		3.00	40.83	43		1755.69	1.05	1	920	1680	1680	920	1680	1440						
112	Sala de mese	41.25		3.00	123.75	40.5		5011.875	1.96	2	1400	2556	5112	1800	3287	2826						
113	Director	29.31		3.00	87.93	43		3780.99	1.15	1	1800	3287	3287	3652	3652	3140						
114	Hol	22.23		3.00	66.69	38		2534.22	1.05	1	1320	2410	2410	4017	4017	3450						
115	Oficiu	10.87		3.00	32.61	40.5		1320.705	0.90	1	800	1461	1461	800	1461	1096						
116	Contabilitate	11.26		3.00	33.78	45		1520.1	0.90	1	920	1680	1680	920	1680	1440						
117	Cabinet metodic	12.3		3.00	36.9	45		1660.5	0.99	1	920	1680	1680	920	1680	1440						
118	Vesela	7.84		3.00	23.52	40		940.8	0.86	1	600	1096	1096	600	1096	950						
119	Magazie	13.74		3.00	41.22	38		1566.36	1.07	1	800	1461	1461	800	1461	1096						
120	Spalatorie	17.77		3.00	53.31	38		2025.78	1.21	1	920	1680	1680	920	1680	1440						
121	Administrator	6.72		3.00	20.16	43		866.88	0.91	1	520	950	950	45/150	626	53						
122	Spalatorie	9.88		3.00	29.64	38		1126.32	1.03	1	600	1096	1096									
123	Coridor	24.56		3.00	73.68	38		2799.84	1.92	2	800	1461	2922									
124	Gr. Sanitar	4.07		3.00	12.21	43		525.03	1.18	1	40/120	446	446									
Total parter		578.87			1736.61					39					76346							

Nr.crt	Denumire incapere		Suprafata	Inaltime	Volum	q specific	Q necesar	Numar radiatoare	Corectie	Lungime radiatoare	Q radiator	Q real	Radiatoare 22/600												
			(m²)	(m)	(m³)	(W/m³)	(W)					(W)	L	W	(kcal/h)										
MANSARDA(GRADINITA)																									
M01	Sala sedinta		39.8		3.00		119.4		46.5		5552.1		2.17		2		1400		2556		5112		400	730	62
																							520	950	81

I\02	Cabinet logopedie	35	3.00	105	46.5	4882.5	1.91	2	1400	2556	5112	600	1096	942
I\03	Sala festivitate	179.68	3.00	539.04	43	23178.72	6.35	6	2000	3652	21912	720	1315	1131
I\04	Hol	39.6	3.00	118.8	38	4514.4	2.06	2	1200	2191	4382	800	1461	1256
I\05	Grup sanitar	5.42	3.00	16.26	43	699.18	1.24	1	40/150	563	563	920	1680	1445
I\06	Grup sanitar	5.6	3.00	16.8	43	722.4	1.28	1	40/150	563	563	1000	1826	1570
I\07	Oficiu	7.6	3.00	22.8	43	980.4	1.03	1	520	950	950	1120	2045	1758
Total parter		312.7		938.1				15			38594	1200	2191	1884

Radiatoare baie(L/H)				
40/80	302	260		
40/120	446	384		
40/150	563	485		
45/80	336	289		
45/120	496	427		
45/150	626	539		

