

ТОПЛИННИ ЗАГУБИ

ПЪРВИ ЕТАЖ

Помещение No.: 101 Стая за отдих

Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
BC	9.72	2.80	18.3	0.26	1.00	4.8	-	-	0	-	-	-	-	-	0	-	-	0	34	161.58
ВП	2.66	1.68	4.47	1.40	1.00	6.3	-	-	0	-	-	-	-	-	0	-	-	0	34	212.71
ВП	2.66	1.68	4.47	1.40	1.00	6.3	-	-	0	-	-	-	-	-	0	-	-	0	34	212.71
ВтС	2.00	2.80	5.60	1.11	1.00	0	-	0.4	2.5	-	-	-	-	-	0	-	-	0	34	84.54
ВтС	16.50	2.80	44.10	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.1	5.76	34	195.80
ВтВ	1.00	2.10	2.10	2.00	1.00	0	-	-	0	-	-	-	-	-	0	18	0.1	0.49	34	16.80
Таван	-	-	59.18	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	6.96	34	236.72
Под	-	-	59.18	0.42	1.00	0	-	0.5	12	-	-	-	-	-	0	-	-	0	34	422.55

$\Phi_{T=}$ 1543 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
165.7	2	112.7	34

$\Phi_{V=}$ 3831 W

$\Phi_{=}$ 5374 W

Помещение No.: 102 Спалня

Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
BC	3.90	2.80	6.5	0.26	1.00	1.7	-	-	0	-	-	-	-	-	0	-	-	0	34	57.03
ВП	2.66	1.68	4.47	1.40	1.00	6.3	-	-	0	-	-	-	-	-	0	-	-	0	34	212.71
ВтС	1.20	2.80	1.68	1.11	1.00	0	-	0.4	0.7	-	-	-	-	-	0	-	-	0	34	25.36
ВтВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Таван	-	-	16.67	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	1.96	34	66.68
Под	-	-	16.67	0.42	1.00	0	-	0.5	3.5	-	-	-	-	-	0	-	-	0	34	119.02

$\Phi_{T=}$ 527 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
46.7	2	31.76	34

$\Phi_{V=}$ 1080 W

$\Phi_{=}$ 1606 W

Помещение No.: 103 Баня

Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВтС	2.70	2.80	7.56	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.59	37	58.74
ВтС	2.76	2.80	7.73	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.7	37	25.73
ВтС	2.00	2.80	4.13	1.11	1.00	0	-	0.4	1.8	-	-	-	-	-	0	-	-	0	37	67.85
ВтВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Таван	-	-	4.11	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.58	37	21.29
Под	-	-	4.11	0.42	1.00	0	-	0.5	0.9	-	-	-	-	-	0	-	-	0	37	31.93

$\Phi_{T=}$ 249 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
11.5	2	7.82	37

$\Phi_{V=}$ 289 W

$\Phi_{=}$ 538 W

Помещение No.: 104 Спалня

Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВС	3.90	2.80	6.5	0.26	1.00	1.7	-	-	0	-	-	-	-	-	0	-	-	0	34	57.03
ВП	2.66	1.68	4.47	1.40	1.00	6.3	-	-	0	-	-	-	-	-	0	-	-	0	34	212.71
ВтС	1.13	2.80	1.48	1.11	1.00	0	-	0.4	0.6	-	-	-	-	-	0	-	-	0	34	19.60
ВтВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	34	39.98
Таван	-	-	17.19	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.02	34	68.76
Под	-	-	17.19	0.42	1.00	0	-	0.5	3.6	-	-	-	-	-	0	-	-	0	34	122.74

$\Phi_{T=}$ 521 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
48.1	2	32.73	34

$\Phi_{V=}$ 1113 W

$\Phi_{=}$ 1634 W

Помещение No.: 105 Баня

Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² ·K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² ·K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВтС	2.70	2.80	7.56	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.59	37	58.74
ВтС	2.76	2.80	7.73	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.7	37	25.73
ВтС	1.85	2.80	3.71	1.11	1.00	0	-	0.4	1.6	-	-	-	-	-	0	-	-	0	37	60.95
ВтВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Таван	-	-	3.95	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.55	37	20.46
Под	-	-	3.95	0.42	1.00	0	-	0.5	0.8	-	-	-	-	-	0	-	-	0	37	30.69

$\Phi_{T=}$ 240 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
11.5	2	7.82	37

$\Phi_{V=}$ 289 W

$\Phi_{=}$ 529 W

Помещение No.: 106 Спалня

Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² ·K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² ·K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВС	3.90	2.80	6.5	0.26	1.00	1.7	-	-	0	-	-	-	-	-	0	-	-	0	34	57.03
ВП	2.66	1.68	4.47	1.40	1.00	6.3	-	-	0	-	-	-	-	-	0	-	-	0	34	212.71
ВтС	1.13	2.80	1.48	1.11	1.00	0	-	0.4	0.7	-	-	-	-	-	0	-	-	0	34	22.40
ВтВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Таван	-	-	16.75	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	1.97	34	67.00
Под	-	-	16.75	0.42	1.00	0	-	0.5	3.5	-	-	-	-	-	0	-	-	0	34	119.60

$\Phi_{T=}$ 524 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
46.9	2	31.89	34

$\Phi_{V=}$ 1084 W

$\Phi_{=}$ 1609 W

Помещение No.: 107 Баня

Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВтС	2.70	2.80	7.56	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.59	37	58.74
ВтС	2.76	2.80	7.73	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.7	37	25.73
ВтС	1.85	2.80	3.71	1.11	1.00	0	-	0.4	1.6	-	-	-	-	-	0	-	-	0	37	60.95
ВтВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Таван	-	-	3.80	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.53	37	19.68
Под	-	-	3.80	0.42	1.00	0	-	0.5	0.8	-	-	-	-	-	0	-	-	0	37	29.53

$\Phi_{T=}$ 238 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
10.6	2	7.235	37

$\Phi_{V=}$ 268 W

$\Phi_{=}$ 506 W

Помещение No.: 108 Спалня

Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВС	8.61	2.80	20.4	0.26	1.00	5.3	-	-	0	-	-	-	-	-	0	-	-	0	34	180.44
ВП	2.20	1.68	3.70	1.40	1.00	5.2	-	-	0	-	-	-	-	-	0	-	-	0	34	175.93
ВтС	1.24	2.80	1.79	1.11	1.00	0	-	0.4	0.8	-	-	-	-	-	0	-	-	0	34	27.05
ВтВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Таван	-	-	17.42	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.05	34	69.68
Под	-	-	17.42	0.42	1.00	0	-	0.5	3.7	-	-	-	-	-	0	-	-	0	34	124.38

$\Phi_{T=}$ 623 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
48.8	2	33.17	34

$\Phi_{V=}$ 1128 W

$\Phi_{=}$ 1751 W

Помещение No.: 109 Баня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² ·K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	Θ_{me} [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² ·K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВТС	2.72	2.80	7.62	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.6	37	59.18
ВТС	2.81	2.80	7.87	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.71	37	26.20
ВТС	1.93	2.80	3.93	1.11	1.00	0	-	0.4	1.7	-	-	-	-	-	0	-	-	0	37	64.63
ВТВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Таван	-	-	3.84	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.54	37	19.89
Под	-	-	3.84	0.42	1.00	0	-	0.5	0.8	-	-	-	-	-	0	-	-	0	37	29.84

 $\Phi_{T=}$ 243 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
10.8	2	7.31	37

 $\Phi_{V=}$ 270 W

 $\Phi_{=}$ 514 W

Помещение No.: 110, 136 Коридор

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 18\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² ·K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	Θ_{me} [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² ·K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВС	2.20	2.80	3.2	0.26	1.00	0.8	-	-	0	-	-	-	-	-	0	-	-	0	30	24.63
ВП	1.90	1.58	3.00	1.40	1.00	4.2	-	-	0	-	-	-	-	-	0	-	-	0	30	126.08
ВТС	11.40	2.80	16.80	1.11	1.00	0	-	0.4	7.5	-	-	-	-	-	0	-	-	0	30	223.78
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	30	40.32
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	30	40.32
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	30	40.32
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	30	40.32
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	30	40.32
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	30	40.32
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	30	40.32
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	30	40.32
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	30	40.32
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	30	40.32
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	30	40.32
Таван	-	-	37.04	0.80	1.00	0	-	-	0	-	-	-	-	-	0	15	0.1	2.96	30	88.90
Под	-	-	37.04	0.42	1.00	0	-	0.5	7.8	-	-	-	-	-	0	-	-	0	30	233.35

 $\Phi_{T=}$ 1060 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
103.7	1.5	51.13	30

 $\Phi_{V=}$ 1534 W

 $\Phi_{=}$ 2593 W

Помещение No.: 111, 134
Спалня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
BC	8.80	2.80	21.4	0.26	1.00	5.6	-	-	0	-	-	-	-	-	0	-	-	0	34	189.05
ВП	2.06	1.58	3.25	1.40	1.00	4.6	-	-	0	-	-	-	-	-	0	-	-	0	34	154.93
ВТС	1.80	2.80	3.36	1.11	1.00	0	-	0.4	1.5	-	-	-	-	-	0	-	-	0	34	50.72
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Таван	-	-	19.57	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.3	34	78.28
Под	-	-	19.57	0.42	1.00	0	-	0.5	4.1	-	-	-	-	-	0	-	-	0	34	139.73

 $\Phi_{T=}$ 658 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
54.8	2	37.26	34

 $\Phi_{V=}$ 1267 W
 $\Phi_{=}$ 1925 W
Помещение No.: 112 Баня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВТС	2.25	2.80	6.30	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.32	37	48.95
ВТС	2.25	2.80	6.30	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.57	37	20.98
ВТС	3.11	2.80	7.24	1.11	1.00	0	-	0.4	3.2	-	-	-	-	-	0	-	-	0	37	118.91
ВТВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Таван	-	-	5.31	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.74	37	27.51
Под	-	-	5.31	0.42	1.00	0	-	0.5	1.1	-	-	-	-	-	0	-	-	0	37	41.26

 $\Phi_{T=}$ 301 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
14.9	2	10.61	37

 $\Phi_{V=}$ 393 W
 $\Phi_{=}$ 694 W

Помещение No.: 113, 132 Спалня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² ·K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² ·K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
BC	3.90	2.80	7.7	0.26	1.00	2	-	-	0	-	-	-	-	-	0	-	-	0	34	67.76
ВП	2.06	1.58	3.25	1.40	1.00	4.6	-	-	0	-	-	-	-	-	0	-	-	0	34	154.93
ВтС	1.60	2.80	2.80	1.11	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	34	42.27
ВтВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Таван	-	-	18.85	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.22	34	75.40
Под	-	-	18.85	0.42	1.00	0	-	0.5	4	-	-	-	-	-	0	-	-	0	34	134.59

 $\Phi_{T=}$ 521 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
52.8	2	37.34	34

 $\Phi_{V=}$ 1270 W
 $\Phi_{=}$ 1790 W
Помещение No.: 114, 133 Баня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² ·K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² ·K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВтС	2.18	2.80	6.10	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.28	37	47.43
ВтС	2.25	2.80	6.30	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.57	37	20.98
ВтС	3.00	2.80	6.93	1.11	1.00	0	-	0.4	3.1	-	-	-	-	-	0	-	-	0	37	113.85
ВтВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Таван	-	-	5.10	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.71	37	26.42
Под	-	-	5.10	0.42	1.00	0	-	0.5	1.1	-	-	-	-	-	0	-	-	0	37	39.63

 $\Phi_{T=}$ 292 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
14.3	2	10.2	37

 $\Phi_{V=}$ 377 W
 $\Phi_{=}$ 669 W

Помещение No.: 115, 130
Спалня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
BC	3.90	2.80	7.7	0.26	1.00	2	-	-	0	-	-	-	-	-	0	-	-	0	34	67.76
ВП	2.06	1.58	3.25	1.40	1.00	4.6	-	-	0	-	-	-	-	-	0	-	-	0	34	154.93
ВтС	1.50	2.80	2.52	1.11	1.00	0	-	0.4	1.1	-	-	-	-	-	0	-	-	0	34	38.04
ВтВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Таван	-	-	18.90	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.22	34	75.60
Под	-	-	18.90	0.42	1.00	0	-	0.5	4	-	-	-	-	-	0	-	-	0	34	134.95

 $\Phi_{T=}$ 517 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
52.9	2	37.41	34

 $\Phi_{V=}$ 1272 W
 $\Phi_{=}$ 1789 W
Помещение No.: 116, 131
Баня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВтС	2.30	2.80	6.44	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.35	37	50.04
ВтС	2.25	2.80	6.30	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.57	37	20.98
ВтС	3.00	2.80	6.93	1.11	1.00	0	-	0.4	3.1	-	-	-	-	-	0	-	-	0	37	113.85
ВтВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Таван	-	-	5.33	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.75	37	27.61
Под	-	-	5.33	0.42	1.00	0	-	0.5	1.1	-	-	-	-	-	0	-	-	0	37	41.41

 $\Phi_{T=}$ 297 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
14.9	2	10.64	37

 $\Phi_{V=}$ 394 W
 $\Phi_{=}$ 691 W

Помещение No.: 117, 128
Спалня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² ·K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² ·K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
BC	3.90	2.80	7.7	0.26	1.00	2	-	-	0	-	-	-	-	-	0	-	-	0	34	67.76
ВП	2.06	1.58	3.25	1.40	1.00	4.6	-	-	0	-	-	-	-	-	0	-	-	0	34	154.93
ВтС	1.70	2.80	3.08	1.11	1.00	0	-	0.4	1.4	-	-	-	-	-	0	-	-	0	34	46.50
ВтВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Таван	-	-	19.08	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.24	34	76.32
Под	-	-	19.08	0.42	1.00	0	-	0.5	4	-	-	-	-	-	0	-	-	0	34	136.23

 $\Phi_{T=}$ 527 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
53.4	2	37.78	34

 $\Phi_{V=}$ 1284 W
 $\Phi_{=}$ 1812 W
Помещение No.: 118, 129
Баня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² ·K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² ·K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВтС	2.26	2.80	6.33	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.33	37	49.17
ВтС	2.18	2.80	6.10	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.55	37	20.33
ВтС	3.00	2.80	6.93	1.11	1.00	0	-	0.4	3.1	-	-	-	-	-	0	-	-	0	37	113.85
ВтВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Таван	-	-	5.16	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.72	37	26.73
Под	-	-	5.16	0.42	1.00	0	-	0.5	1.1	-	-	-	-	-	0	-	-	0	37	40.09

 $\Phi_{T=}$ 294 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
14.5	2	10.35	37

 $\Phi_{V=}$ 383 W
 $\Phi_{=}$ 677 W

Помещение No.: 119, 126
Спалня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
BC	3.90	2.80	7.7	0.26	1.00	2	-	-	0	-	-	-	-	-	0	-	-	0	34	67.76
ВП	2.06	1.58	3.25	1.40	1.00	4.6	-	-	0	-	-	-	-	-	0	-	-	0	34	154.93
ВтС	1.50	2.80	2.52	1.11	1.00	0	-	0.4	1.1	-	-	-	-	-	0	-	-	0	34	38.04
ВтВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Таван	-	-	18.85	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.22	34	75.40
Под	-	-	18.85	0.42	1.00	0	-	0.5	4	-	-	-	-	-	0	-	-	0	34	134.59

 $\Phi_{T=}$ 516 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
52.8	2	37.34	34

 $\Phi_{V=}$ 1270 W
 $\Phi_{=}$ 1786 W
Помещение No.: 120, 127
Баня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВтС	2.33	2.80	6.52	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.37	37	50.69
ВтС	2.26	2.80	6.33	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.57	37	21.07
ВтС	3.00	2.80	6.93	1.11	1.00	0	-	0.4	3.1	-	-	-	-	-	0	-	-	0	37	113.85
ВтВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Таван	-	-	5.35	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.75	37	27.71
Под	-	-	5.35	0.42	1.00	0	-	0.5	1.1	-	-	-	-	-	0	-	-	0	37	41.57

 $\Phi_{T=}$ 298 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
15.0	2	10.7	37

 $\Phi_{V=}$ 396 W
 $\Phi_{=}$ 694 W

Помещение No.: 121, 124
Спалня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
BC	3.90	2.80	7.7	0.26	1.00	2	-	-	0	-	-	-	-	-	0	-	-	0	34	67.76
ВП	2.06	1.58	3.25	1.40	1.00	4.6	-	-	0	-	-	-	-	-	0	-	-	0	34	154.93
ВтС	1.65	2.80	2.94	1.11	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	44.38
ВтВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
ВтС	3.10	2.80	8.68	1.11	1.00	0	-	0.5	4.8	-	-	-	-	-	0	-	-	0	34	163.79
Таван	-	-	18.84	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.22	34	75.36
Под	-	-	18.84	0.42	1.00	0	-	0.5	4	-	-	-	-	-	0	-	-	0	34	134.52

 $\Phi_{T=}$ 686 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
52.8	2	36.59	34

 $\Phi_{V=}$ 1244 W

 $\Phi_{=}$ 1930 W

Помещение No.: 122, 125
Баня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВтС	2.23	2.80	6.24	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.31	37	48.52
ВтС	2.10	2.80	5.88	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.53	37	19.58
ВтС	3.00	2.80	6.93	1.11	1.00	0	-	0.4	3.1	-	-	-	-	-	0	-	-	0	37	113.85
ВтВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Таван	-	-	4.92	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.69	37	25.49
Под	-	-	4.92	0.42	1.00	0	-	0.5	1	-	-	-	-	-	0	-	-	0	37	38.23

 $\Phi_{T=}$ 289 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
13.8	2	9.853	37

 $\Phi_{V=}$ 365 W

 $\Phi_{=}$ 654 W

Помещение No.: 123 Фоайе

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 18\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² ·K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² ·K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВтС	7.70	2.80	2.44	1.11	1.00	0	-	0.5	1.4	-	-	-	-	-	0	-	-	0	30	40.54
ВтВ	3.75	2.55	9.56	2.00	1.00	0	-	0.5	9.6	-	-	-	-	-	0	-	-	0	30	286.88
ВтВ	3.75	2.55	9.56	2.00	1.00	0	-	0.5	9.6	-	-	-	-	-	0	-	-	0	30	286.88
ВтС	9.70	2.80	23.80	1.11	1.00	0	-	0.4	11	-	-	-	-	-	0	-	-	0	30	317.02
ВтВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	30	40.32
ВтВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	30	40.32
Таван	-	-	66.40	0.80	1.00	0	-	-	0	-	-	-	-	-	0	15	0.1	5.31	30	159.36
Под	-	-	66.40	0.42	1.00	0	-	0.5	14	-	-	-	-	-	0	-	-	0	30	418.32

 $\Phi_{T=}$ 1590 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
185.9	2	126.4	30

 $\Phi_{V=}$ 3792 W

 $\Phi_{=}$ 5382 W

Помещение No.: 135 Баня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² ·K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² ·K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВтС	2.25	2.80	6.30	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.32	37	48.95
ВтС	2.25	2.80	6.30	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.57	37	20.98
ВтС	3.11	2.80	7.24	1.11	1.00	0	-	0.4	3.2	-	-	-	-	-	0	-	-	0	37	118.91
ВтВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Таван	-	-	5.34	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.75	37	27.66
Под	-	-	5.34	0.42	1.00	0	-	0.5	1.1	-	-	-	-	-	0	-	-	0	37	41.49

 $\Phi_{T=}$ 302 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
15.0	2	9.912	37

 $\Phi_{V=}$ 367 W

 $\Phi_{=}$ 668 W

Помещение No.: 137 Спалня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² ·K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² ·K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
BC	8.63	2.80	20.5	0.26	1.00	5.3	-	-	0	-	-	-	-	-	0	-	-	0	34	180.94
ВП	2.20	1.68	3.70	1.40	1.00	5.2	-	-	0	-	-	-	-	-	0	-	-	0	34	175.93
ВТС	1.24	2.80	1.79	1.11	1.00	0	-	0.4	0.8	-	-	-	-	-	0	-	-	0	34	27.05
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Таван	-	-	17.50	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.06	34	70.00
Под	-	-	17.50	0.42	1.00	0	-	0.5	3.7	-	-	-	-	-	0	-	-	0	34	124.95

 $\Phi_{T=}$ 625 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
49.0	2	33.32	34

 $\Phi_{V=}$ 1133 W

 $\Phi_{=}$ 1757 W

Помещение No.: 138 Баня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² ·K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² ·K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВТС	2.72	2.80	7.62	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.6	37	59.18
ВТС	2.81	2.80	7.87	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.71	37	26.20
ВТС	1.89	2.80	3.82	1.11	1.00	0	-	0.4	1.7	-	-	-	-	-	0	-	-	0	37	62.79
ВТВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Таван	-	-	3.79	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.53	37	19.63
Под	-	-	3.79	0.42	1.00	0	-	0.5	0.8	-	-	-	-	-	0	-	-	0	37	29.45

 $\Phi_{T=}$ 241 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
10.4	2	7.397	37

 $\Phi_{V=}$ 274 W

 $\Phi_{=}$ 514 W

Помещение No.: 139 Спалня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² ·K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² ·K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
BC	3.90	2.80	6.5	0.26	1.00	1.7	-	-	0	-	-	-	-	-	0	-	-	0	34	57.03
ВП	2.66	1.68	4.47	1.40	1.00	6.3	-	-	0	-	-	-	-	-	0	-	-	0	34	212.71
ВтС	1.13	2.80	1.48	1.11	1.00	0	-	0.4	0.7	-	-	-	-	-	0	-	-	0	34	22.40
ВтВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Таван	-	-	17.13	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.02	34	68.52
Под	-	-	17.13	0.42	1.00	0	-	0.5	3.6	-	-	-	-	-	0	-	-	0	34	122.31

 $\Phi_{T=}$ 529 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
48.0	2	32.29	34

 $\Phi_{V=}$ 1098 W

 $\Phi_{=}$ 1626 W

Помещение No.: 140 Баня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² ·K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² ·K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВтС	2.70	2.80	7.56	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.59	37	58.74
ВтС	2.76	2.80	7.73	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.7	37	25.73
ВтС	1.75	2.80	3.43	1.11	1.00	0	-	0.4	1.5	-	-	-	-	-	0	-	-	0	37	56.35
ВтВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Таван	-	-	3.57	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.5	37	18.49
Под	-	-	3.57	0.42	1.00	0	-	0.5	0.7	-	-	-	-	-	0	-	-	0	37	27.74

 $\Phi_{T=}$ 231 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
10.0	2	7.14	37

 $\Phi_{V=}$ 264 W

 $\Phi_{=}$ 495 W

Помещение No.: 141 Спалня

Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
BC	3.90	2.80	6.5	0.26	1.00	1.7	-	-	0	-	-	-	-	-	0	-	-	0	34	57.03
ВП	2.66	1.68	4.47	1.40	1.00	6.3	-	-	0	-	-	-	-	-	0	-	-	0	34	212.71
ВтС	1.13	2.80	1.48	1.11	1.00	0	-	0.4	0.7	-	-	-	-	-	0	-	-	0	34	22.40
ВтВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Таван	-	-	17.19	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.02	34	68.76
Под	-	-	17.19	0.42	1.00	0	-	0.5	3.6	-	-	-	-	-	0	-	-	0	34	122.74

$\Phi_{T=}$ 529 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
48.1	2	32.4	34

$\Phi_{V=}$ 1102 W

$\Phi_{=}$ 1631 W

Помещение No.: 142 Баня

Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВтС	2.70	2.80	7.56	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.59	37	58.74
ВтС	2.76	2.80	7.73	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.7	37	25.73
ВтС	2.00	2.80	4.13	1.11	1.00	0	-	0.4	1.8	-	-	-	-	-	0	-	-	0	37	67.85
ВтВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Таван	-	-	4.11	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.58	37	21.29
Под	-	-	4.11	0.42	1.00	0	-	0.5	0.9	-	-	-	-	-	0	-	-	0	37	31.93

$\Phi_{T=}$ 249 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
11.5	2	8.016	37

$\Phi_{V=}$ 297 W

$\Phi_{=}$ 546 W

Помещение No.: 143 Спалня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² ·K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² ·K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
BC	3.90	2.80	6.5	0.26	1.00	1.7	-	-	0	-	-	-	-	-	0	-	-	0	34	57.03
ВП	2.66	1.68	4.47	1.40	1.00	6.3	-	-	0	-	-	-	-	-	0	-	-	0	34	212.71
ВтС	1.08	2.80	1.34	1.11	1.00	0	-	0.4	0.6	-	-	-	-	-	0	-	-	0	34	20.29
ВтВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Таван	-	-	16.95	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	1.99	34	67.80
Под	-	-	16.95	0.42	1.00	0	-	0.5	3.6	-	-	-	-	-	0	-	-	0	34	121.02

 $\Phi_{T=}$ 525 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
47.5	2	31.95	34

 $\Phi_{V=}$ 1086 W

 $\Phi_{=}$ 1611 W

Помещение No.: 144 Баня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² ·K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² ·K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВтС	2.70	2.80	7.56	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.59	37	58.74
ВтС	2.76	2.80	7.73	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.7	37	25.73
ВтС	1.83	2.80	3.65	1.11	1.00	0	-	0.4	1.6	-	-	-	-	-	0	-	-	0	37	60.03
ВтВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Таван	-	-	3.96	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.55	37	20.51
Под	-	-	3.96	0.42	1.00	0	-	0.5	0.8	-	-	-	-	-	0	-	-	0	37	30.77

 $\Phi_{T=}$ 239 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
11.1	2	7.737	37

 $\Phi_{V=}$ 286 W

 $\Phi_{=}$ 526 W

Помещение No.: 145 Учебна зала

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Θ_{adj} space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
BC	3.90	2.80	6.5	0.26	1.00	1.7	-	-	0	-	-	-	-	-	0	-	-	0	34	57.03
ВП	2.66	1.68	4.47	1.40	1.00	6.3	-	-	0	-	-	-	-	-	0	-	-	0	34	212.71
ВтС	2.00	2.80	5.60	1.11	1.00	0	-	0.4	2.5	-	-	-	-	-	0	-	-	0	34	84.54
ВтС	10.40	2.80	27.44	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.1	3.58	34	121.83
ВтВ	0.80	2.10	1.68	2.00	1.00	0	-	-	0	-	-	-	-	-	0	18	0.1	0.4	34	13.44
Таван	-	-	22.86	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.69	34	91.44
Под	-	-	22.86	0.42	1.00	0	-	0.5	4.8	-	-	-	-	-	0	-	-	0	34	163.22

 $\Phi_{T=}$ 744 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
64.0	2	43.52	34

 $\Phi_{V=}$ 1480 W

 $\Phi_{=}$ 2224 W

Помещение No.: 146 Оръжейна

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 18\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Θ_{adj} space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
BC	5.82	2.80	11.8	0.26	1.00	3.1	-	-	0	-	-	-	-	-	0	-	-	0	30	92.25
ВП	2.66	1.68	4.47	1.40	1.00	6.3	-	-	0	-	-	-	-	-	0	-	-	0	30	187.69
ВтС	12.52	2.80	33.54	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.1	4.38	30	131.38
ВтВ	0.80	1.90	1.52	2.00	1.00	0	-	-	0	-	-	-	-	-	0	18	0.1	0.36	30	10.73
Таван	-	-	37.04	0.80	1.00	0	-	-	0	-	-	-	-	-	0	15	0.1	2.96	30	88.90
Под	-	-	34.09	0.42	1.00	0	-	0.5	7.2	-	-	-	-	-	0	-	-	0	30	214.77

 $\Phi_{T=}$ 726 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
95.5	2	64.91	30

 $\Phi_{V=}$ 1947 W

 $\Phi_{=}$ 2673 W

Помещение No.: 147 Стълбище

Външна изчислителна температура	$\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$
Температура на помещението	$\Theta_{int,i} = 18\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Θ_{adj} space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
BC	4.92	2.80	6.3	0.26	1.00	1.6	-	-	0	-	-	-	-	-	0	-	-	0	30	49.03
ВП	3.50	2.14	7.49	1.40	1.00	10	-	-	0	-	-	-	-	-	0	-	-	0	30	314.58
Таван	-	-	25.65	0.80	1.00	0	-	-	0	-	-	-	-	-	0	15	0.1	2.05	30	61.56
Под	-	-	25.65	0.42	1.00	0	-	0.6	6.5	-	-	-	-	-	0	-	-	0	30	193.91

$\Phi_{T=}$ 619 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
71.8	2	48.84	30

$\Phi_{v=}$ 1465 W

$\Phi_{=}$ 2084 W

$\Phi_{\text{първи етаж}} = 70514 \text{ W}$

ВТОРИ ЕТАЖ
Помещение No.: 201 Стая за отдих

Външна изчислителна температура	$\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$
Температура на помещението	$\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Θ_{adj} space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
BC	9.72	2.80	18.3	0.26	1.00	4.8	-	-	0	-	-	-	-	-	0	-	-	0	34	161.58
ВП	2.66	1.68	4.47	1.40	1.00	6.3	-	-	0	-	-	-	-	-	0	-	-	0	34	212.71
ВП	2.66	1.68	4.47	1.40	1.00	6.3	-	-	0	-	-	-	-	-	0	-	-	0	34	212.71
ВтС	2.00	2.80	5.60	1.11	1.00	0	-	0.4	2.5	-	-	-	-	-	0	-	-	0	34	84.54
ВтС	16.10	2.80	42.98	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.1	5.61	34	190.83
ВтВ	1.00	2.10	2.10	2.00	1.00	0	-	-	0	-	-	-	-	-	0	18	0.1	0.49	34	16.80
Таван	-	-	59.23	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	6.97	34	236.92

$\Phi_{T=}$ 1116 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
165.8	2	112.8	34

$\Phi_{v=}$ 3834 W

$\Phi_{=}$ 4950 W

Помещение No.: 202, 246
Спалня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i}-\Theta_e$ [°C]	$\Phi_{T,i}$ [W]
BC	3.90	2.80	6.5	0.26	1.00	1.7	-	-	0	-	-	-	-	-	0	-	-	0	34	57.03
ВП	2.66	1.68	4.47	1.40	1.00	6.3	-	-	0	-	-	-	-	-	0	-	-	0	34	212.71
ВТС	1.20	2.80	1.68	1.11	1.00	0	-	0.4	0.7	-	-	-	-	-	0	-	-	0	34	25.36
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Таван	-	-	16.58	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	1.95	34	66.32

 $\Phi_{T=}$ 407 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i}-\Theta_e$ [°C]
46.7	2	31.76	34

 $\Phi_{v=}$ 1080 W

 $\Phi_{=}$ 1487 W

Помещение No.: 203 Баня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i}-\Theta_e$ [°C]	$\Phi_{T,i}$ [W]
ВТС	2.70	2.80	7.56	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.59	37	58.74
ВТС	2.76	2.80	7.73	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.7	37	25.73
ВТС	2.00	2.80	4.13	1.11	1.00	0	-	0.4	1.8	-	-	-	-	-	0	-	-	0	37	67.85
ВТВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Таван	-	-	4.20	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.59	37	21.76

 $\Phi_{T=}$ 218 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i}-\Theta_e$ [°C]
11.8	2	7.197	37

 $\Phi_{v=}$ 263 W

 $\Phi_{=}$ 480 W

Помещение No.: 204, 244
Спалня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,j}-\Theta_e$ [°C]	$\Phi_{T,i}$ [W]
BC	3.90	2.80	6.5	0.26	1.00	1.7	-	-	0	-	-	-	-	-	0	-	-	0	34	57.03
ВП	2.66	1.68	4.47	1.40	1.00	6.3	-	-	0	-	-	-	-	-	0	-	-	0	34	212.71
ВтС	1.13	2.80	1.48	1.11	1.00	0	-	0.4	0.7	-	-	-	-	-	0	-	-	0	34	22.40
ВтВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Таван	-	-	17.19	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.02	34	68.76

 $\Phi_{T=}$ 407 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i}-\Theta_e$ [°C]
48.1	2	32.73	34

 $\Phi_{v=}$ 1113 W

 $\Phi_{=}$ 1519 W

Помещение No.: 205 Баня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,j}-\Theta_e$ [°C]	$\Phi_{T,i}$ [W]
ВтС	2.70	2.80	7.56	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.59	37	58.74
ВтС	2.76	2.80	7.73	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.7	37	25.73
ВтС	1.85	2.80	3.71	1.11	1.00	0	-	0.4	1.6	-	-	-	-	-	0	-	-	0	37	60.95
ВтВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Таван	-	-	3.95	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.55	37	20.46

 $\Phi_{T=}$ 209 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i}-\Theta_e$ [°C]
11.1	2	7.145	37

 $\Phi_{v=}$ 264 W

 $\Phi_{=}$ 474 W

Помещение No.: 206, 242
Спалня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
BC	3.90	2.80	6.5	0.26	1.00	1.7	-	-	0	-	-	-	-	-	0	-	-	0	34	57.03
ВП	2.66	1.68	4.47	1.40	1.00	6.3	-	-	0	-	-	-	-	-	0	-	-	0	34	212.71
ВТС	1.13	2.80	1.48	1.11	1.00	0	-	0.4	0.7	-	-	-	-	-	0	-	-	0	34	22.40
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Таван	-	-	17.13	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.02	34	68.52

 $\Phi_{T=}$ 406 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
48.0	2	32.61	34

 $\Phi_{v=}$ 1109 W

 $\Phi_{=}$ 1515 W

Помещение No.: 207, 243
Баня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВТС	2.70	2.80	7.56	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.59	37	58.74
ВТС	2.76	2.80	7.73	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.7	37	25.73
ВТС	1.75	2.80	3.43	1.11	1.00	0	-	0.4	1.5	-	-	-	-	-	0	-	-	0	37	56.35
ВТВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Таван	-	-	3.59	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.5	37	18.60

 $\Phi_{T=}$ 203 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
10.1	2	6.834	37

 $\Phi_{v=}$ 253 W

 $\Phi_{=}$ 456 W

Помещение No.: 208, 240
Канцелария

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
BC	8.61	2.80	20.4	0.26	1.00	5.3	-	-	0	-	-	-	-	-	0	-	-	0	34	180.44
ВП	2.20	1.68	3.70	1.40	1.00	5.2	-	-	0	-	-	-	-	-	0	-	-	0	34	175.93
ВТС	1.24	2.80	1.79	1.11	1.00	0	-	0.4	0.8	-	-	-	-	-	0	-	-	0	34	27.05
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Таван	-	-	17.50	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.06	34	70.00

 $\Phi_{T=}$ 499 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
49.0	2	33.32	34

 $\Phi_{v=}$ 1133 W

 $\Phi_{=}$ 1632 W

Помещение No.: 209, 241
Баня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВТС	2.72	2.80	7.62	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.6	37	59.18
ВТС	2.81	2.80	7.87	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.71	37	26.20
ВТС	1.83	2.80	3.65	1.11	1.00	0	-	0.4	1.6	-	-	-	-	-	0	-	-	0	37	60.03
ВТВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Таван	-	-	3.79	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.53	37	19.63

 $\Phi_{T=}$ 209 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
10.6	2	7.208	37

 $\Phi_{v=}$ 267 W

 $\Phi_{=}$ 475 W

Помещение No.: 210, 239 Коридор

Външна изчислителна температура	$\Theta_{e,i} = -12 \text{ }^{\circ}\text{C}$
Температура на помещението	$\Theta_{int,i} = 18 \text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² ·K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² ·K]	G_w	$H_{T,ig}$ [W/K]	Θ_{adj} space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
BC	2.20	2.80	3.2	0.26	1.00	0.8	-	-	0	-	-	-	-	-	0	-	-	0	30	24.63
ВП	1.90	1.58	3.00	1.40	1.00	4.2	-	-	0	-	-	-	-	-	0	-	-	0	30	126.08
ВТС	12.40	2.80	19.60	1.11	1.00	0	-	0.4	8.7	-	-	-	-	-	0	-	-	0	30	261.07
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	30	40.32
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	30	40.32
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	30	40.32
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	30	40.32
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	30	40.32
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	30	40.32
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	30	40.32
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	30	40.32
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	30	40.32
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	30	40.32
Таван	-	-	37.04	0.80	1.00	0	-	-	0	-	-	-	-	-	0	15	0.1	2.96	30	88.90

$\Phi_{T=}$ 864 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
103.7	1.5	52.19	30

$\Phi_{V=}$ 1566 W

$\Phi_{=}$ 2429 W

Помещение No.: 211 Спалня

Външна изчислителна температура	$\Theta_{e,i} = -12 \text{ }^{\circ}\text{C}$
Температура на помещението	$\Theta_{int,i} = 22 \text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² ·K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² ·K]	G_w	$H_{T,ig}$ [W/K]	Θ_{adj} space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
BC	10.70	2.80	26.3	0.26	1.00	6.8	-	-	0	-	-	-	-	-	0	-	-	0	34	232.17
ВП	2.20	1.68	3.70	1.40	1.00	5.2	-	-	0	-	-	-	-	-	0	-	-	0	34	175.93
ВТС	1.80	2.80	3.36	1.11	1.00	0	-	0.4	1.5	-	-	-	-	-	0	-	-	0	34	50.72
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Под	-	-	3.50	0.24	1.00	0.8	-	-	0	-	-	-	-	-	0	-	-	0	34	28.56
Таван	-	-	23.92	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.81	34	95.68

$\Phi_{T=}$ 629 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
67.0	2	47.6	34

$\Phi_{V=}$ 1618 W

$\Phi_{=}$ 2247 W

Помещение No.: 212, 238
Баня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,j}-\Theta_e$ [°C]	$\Phi_{T,i}$ [W]
ВТС	2.25	2.80	6.30	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.32	37	48.95
ВТС	2.25	2.80	6.30	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.57	37	20.98
ВТС	3.11	2.80	7.24	1.11	1.00	0	-	0.4	3.2	-	-	-	-	-	0	-	-	0	37	118.91
ВТВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Таван	-	-	5.31	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.74	37	27.51

 $\Phi_{T=}$ 260 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i}-\Theta_e$ [°C]
14.9	2	10.1	37

 $\Phi_{V=}$ 374 W

 $\Phi_{=}$ 634 W

Помещение No.: 213, 235
Спалня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,j}-\Theta_e$ [°C]	$\Phi_{T,i}$ [W]
ВС	4.43	2.80	8.7	0.26	1.00	2.3	-	-	0	-	-	-	-	-	0	-	-	0	34	76.98
ВП	2.20	1.68	3.70	1.40	1.00	5.2	-	-	0	-	-	-	-	-	0	-	-	0	34	175.93
ВТС	1.60	2.80	2.80	1.11	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	34	42.27
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Под	-	-	3.35	0.24	1.00	0.8	-	-	0	-	-	-	-	-	0	-	-	0	34	27.34
Таван	-	-	23.26	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.74	34	93.04

 $\Phi_{T=}$ 461 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i}-\Theta_e$ [°C]
65.1	2	47.59	34

 $\Phi_{V=}$ 1618 W

 $\Phi_{=}$ 2079 W

Помещение No.: 214
Баня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,j}-\Theta_e$ [°C]	$\Phi_{T,i}$ [W]
ВТС	2.18	2.80	6.10	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.28	37	47.43
ВТС	2.25	2.80	6.30	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.57	37	20.98
ВТС	3.00	2.80	6.93	1.11	1.00	0	-	0.4	3.1	-	-	-	-	-	0	-	-	0	37	113.85
ВТВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Таван	-	-	5.10	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.71	37	26.42

 $\Phi_{T=}$ 252 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i}-\Theta_e$ [°C]
14.3	2	9.71	37

 $\Phi_{V=}$ 359 W

 $\Phi_{=}$ 611 W

Помещение No.: 215, 233
Спалня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,j}-\Theta_e$ [°C]	$\Phi_{T,i}$ [W]
ВС	4.43	2.80	8.7	0.26	1.00	2.3	-	-	0	-	-	-	-	-	0	-	-	0	34	76.98
ВП	2.20	1.68	3.70	1.40	1.00	5.2	-	-	0	-	-	-	-	-	0	-	-	0	34	175.93
ВТС	1.50	2.80	2.52	1.11	1.00	0	-	0.4	1.1	-	-	-	-	-	0	-	-	0	34	38.04
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Под	-	-	3.35	0.24	1.00	0.8	-	-	0	-	-	-	-	-	0	-	-	0	34	27.34
Таван	-	-	23.22	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.73	34	92.88

 $\Phi_{T=}$ 457 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i}-\Theta_e$ [°C]
65.0	2	47.53	34

 $\Phi_{V=}$ 1616 W

 $\Phi_{=}$ 2073 W

Помещение No.: 216, 234
Баня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,j}-\Theta_e$ [°C]	$\Phi_{T,i}$ [W]
ВТС	2.30	2.80	6.44	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.35	37	50.04
ВТС	2.25	2.80	6.30	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.57	37	20.98
ВТС	3.00	2.80	6.93	1.11	1.00	0	-	0.4	3.1	-	-	-	-	-	0	-	-	0	37	113.85
ВТВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Таван	-	-	5.33	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.75	37	27.61

 $\Phi_{T=}$ 256 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i}-\Theta_e$ [°C]
14.9	2	10.13	37

 $\Phi_{V=}$ 375 W

 $\Phi_{=}$ 631 W

Помещение No.: 217
Спалня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,j}-\Theta_e$ [°C]	$\Phi_{T,i}$ [W]
ВС	4.43	2.80	8.7	0.26	1.00	2.3	-	-	0	-	-	-	-	-	0	-	-	0	34	76.98
ВП	2.20	1.68	3.70	1.40	1.00	5.2	-	-	0	-	-	-	-	-	0	-	-	0	34	175.93
ВТС	1.60	2.80	2.80	1.11	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	34	42.27
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Под	-	-	3.35	0.24	1.00	0.8	-	-	0	-	-	-	-	-	0	-	-	0	34	27.34
Таван	-	-	23.40	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.75	34	93.60

 $\Phi_{T=}$ 462 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i}-\Theta_e$ [°C]
65.5	2	47.9	34

 $\Phi_{V=}$ 1628 W

 $\Phi_{=}$ 2090 W

Помещение No.: 218, 232
Баня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,j}-\Theta_e$ [°C]	$\Phi_{T,i}$ [W]
ВТС	2.26	2.80	6.33	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.33	37	49.17
ВТС	2.18	2.80	6.10	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.55	37	20.33
ВТС	3.00	2.80	6.93	1.11	1.00	0	-	0.4	3.1	-	-	-	-	-	0	-	-	0	37	113.85
ВТВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Таван	-	-	5.16	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.72	37	26.73

 $\Phi_{T=}$ 254 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i}-\Theta_e$ [°C]
14.5	2	9.86	37

 $\Phi_{V=}$ 365 W

 $\Phi_{=}$ 618 W

Помещение No.: 219, 229
Спалня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,j}-\Theta_e$ [°C]	$\Phi_{T,i}$ [W]
ВС	4.43	2.80	8.7	0.26	1.00	2.3	-	-	0	-	-	-	-	-	0	-	-	0	34	76.98
ВП	2.20	1.68	3.70	1.40	1.00	5.2	-	-	0	-	-	-	-	-	0	-	-	0	34	175.93
ВТС	1.50	2.80	2.52	1.11	1.00	0	-	0.4	1.1	-	-	-	-	-	0	-	-	0	34	38.04
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Под	-	-	3.35	0.24	1.00	0.8	-	-	0	-	-	-	-	-	0	-	-	0	34	27.34
Таван	-	-	23.17	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.73	34	92.68

 $\Phi_{T=}$ 457 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i}-\Theta_e$ [°C]
64.9	2	47.44	34

 $\Phi_{V=}$ 1613 W

 $\Phi_{=}$ 2070 W

Помещение No.: 220, 230
Баня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,j}-\Theta_e$ [°C]	$\Phi_{T,i}$ [W]
ВТС	2.33	2.80	6.52	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.37	37	50.69
ВТС	2.26	2.80	6.33	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.57	37	21.07
ВТС	3.00	2.80	6.93	1.11	1.00	0	-	0.4	3.1	-	-	-	-	-	0	-	-	0	37	113.85
ВТВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Таван	-	-	5.35	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.75	37	27.71

 $\Phi_{T=}$ 257 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i}-\Theta_e$ [°C]
15.0	2	10.19	37

 $\Phi_{V=}$ 377 W

 $\Phi_{=}$ 634 W

Помещение No.: 221, 227
Спалня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,j}-\Theta_e$ [°C]	$\Phi_{T,i}$ [W]
ВС	4.38	2.80	8.6	0.26	1.00	2.2	-	-	0	-	-	-	-	-	0	-	-	0	34	75.74
ВП	2.20	1.68	3.70	1.40	1.00	5.2	-	-	0	-	-	-	-	-	0	-	-	0	34	175.93
ВТС	1.46	2.80	2.41	1.11	1.00	0	-	0.4	1.1	-	-	-	-	-	0	-	-	0	34	36.35
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Под	-	-	3.32	0.24	1.00	0.8	-	-	0	-	-	-	-	-	0	-	-	0	34	27.09
Таван	-	-	22.97	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.7	34	91.88

 $\Phi_{T=}$ 453 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i}-\Theta_e$ [°C]
64.3	2	47.01	34

 $\Phi_{V=}$ 1598 W

 $\Phi_{=}$ 2051 W

Помещение No.: 222, 228
Баня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,j}-\Theta_e$ [°C]	$\Phi_{T,i}$ [W]
ВТС	2.33	2.80	6.52	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.37	37	50.69
ВТС	2.26	2.80	6.33	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.57	37	21.07
ВТС	3.00	2.80	6.93	1.11	1.00	0	-	0.4	3.1	-	-	-	-	-	0	-	-	0	37	113.85
ВТВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Таван	-	-	5.36	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.75	37	27.76

 $\Phi_{T=}$ 257 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i}-\Theta_e$ [°C]
15.0	2	10.2	37

 $\Phi_{V=}$ 377 W

 $\Phi_{=}$ 634 W

Помещение No.: 223, 225
Спалня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,j}-\Theta_e$ [°C]	$\Phi_{T,i}$ [W]
ВС	4.43	2.80	8.7	0.26	1.00	2.3	-	-	0	-	-	-	-	-	0	-	-	0	34	76.98
ВП	2.20	1.68	3.70	1.40	1.00	5.2	-	-	0	-	-	-	-	-	0	-	-	0	34	175.93
ВТС	1.50	2.80	2.52	1.11	1.00	0	-	0.4	1.1	-	-	-	-	-	0	-	-	0	34	38.04
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Под	-	-	5.83	0.24	1.00	1.4	-	-	0	-	-	-	-	-	0	-	-	0	34	47.57
Таван	-	-	23.23	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.73	34	92.92

 $\Phi_{T=}$ 477 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i}-\Theta_e$ [°C]
65.0	2	47.52	34

 $\Phi_{V=}$ 1616 W

 $\Phi_{=}$ 2093 W

Помещение No.: 224, 226
Баня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВТС	2.33	2.80	6.52	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.37	37	50.69
ВТС	2.26	2.80	6.33	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.57	37	21.07
ВТС	3.00	2.80	6.93	1.11	1.00	0	-	0.4	3.1	-	-	-	-	-	0	-	-	0	37	113.85
ВТВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Таван	-	-	5.36	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.75	37	27.76

 $\Phi_{T=}$ 257 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
15.0	2	10.2	37

 $\Phi_{V=}$ 377 W

 $\Phi_{=}$ 634 W

Помещение No.: 231
Спалня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВС	4.43	2.80	8.7	0.26	1.00	2.3	-	-	0	-	-	-	-	-	0	-	-	0	34	76.98
ВП	2.20	1.68	3.70	1.40	1.00	5.2	-	-	0	-	-	-	-	-	0	-	-	0	34	175.93
ВТС	1.60	2.80	2.80	1.11	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	34	42.27
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Под	-	-	3.35	0.24	1.00	0.8	-	-	0	-	-	-	-	-	0	-	-	0	34	27.34
Таван	-	-	22.71	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.67	34	90.84

 $\Phi_{T=}$ 459 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
63.6	2	46.49	34

 $\Phi_{V=}$ 1581 W

 $\Phi_{=}$ 2040 W

Помещение No.: 236
Баня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,j}-\Theta_e$ [°C]	$\Phi_{T,i}$ [W]
ВТС	2.25	2.80	6.30	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.32	37	48.95
ВТС	2.20	2.80	6.16	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.55	37	20.51
ВТС	3.00	2.80	6.93	1.11	1.00	0	-	0.4	3.1	-	-	-	-	-	0	-	-	0	37	113.85
ВТВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Таван	-	-	5.14	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.72	37	26.63

 $\Phi_{T=}$ 253 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i}-\Theta_e$ [°C]
14.4	2	9.792	37

 $\Phi_{V=}$ 362 W

 $\Phi_{=}$ 616 W

Помещение No.: 237
Спалня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,j}-\Theta_e$ [°C]	$\Phi_{T,i}$ [W]
ВС	10.52	2.80	25.8	0.26	1.00	6.7	-	-	0	-	-	-	-	-	0	-	-	0	34	227.72
ВП	2.20	1.68	3.70	1.40	1.00	5.2	-	-	0	-	-	-	-	-	0	-	-	0	34	175.93
ВТС	1.80	2.80	3.36	1.11	1.00	0	-	0.4	1.5	-	-	-	-	-	0	-	-	0	34	50.72
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Под	-	-	3.45	0.24	1.00	0.8	-	-	0	-	-	-	-	-	0	-	-	0	34	28.15
Таван	-	-	23.90	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.81	34	95.60

 $\Phi_{T=}$ 624 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i}-\Theta_e$ [°C]
67.0	2	47.6	34

 $\Phi_{V=}$ 1618 W

 $\Phi_{=}$ 2242 W

Помещение No.: 245 Баня

Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВТС	2.70	2.80	7.56	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.59	37	58.74
ВТС	2.76	2.80	7.73	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.7	37	25.73
ВТС	1.85	2.80	3.71	1.11	1.00	0	-	0.4	1.6	-	-	-	-	-	0	-	-	0	37	60.95
ВТВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Таван	-	-	4.11	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.58	37	21.29

$\Phi_{T=}$ 210 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
11.5	1.85	7.234	37

$\Phi_{v=}$ 268 W

$\Phi_{=}$ 478 W

Помещение No.: 247 Баня

Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВТС	2.66	2.80	7.45	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.56	37	57.87
ВТС	2.73	2.80	7.64	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.69	37	25.45
ВТС	1.83	2.80	3.65	1.11	1.00	0	-	0.4	1.6	-	-	-	-	-	0	-	-	0	37	60.03
ВТВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Таван	-	-	3.91	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.55	37	20.25

$\Phi_{T=}$ 207 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
10.9	2	6.881	37

$\Phi_{v=}$ 255 W

$\Phi_{=}$ 462 W

Помещение No.: 248 Стая наряд

Външна изчислителна температура	$\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$
Температура на помещението	$\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
BC	3.90	2.80	6.5	0.26	1.00	1.7	-	-	0	-	-	-	-	-	0	-	-	0	34	57.03
ВП	2.66	1.68	4.47	1.40	1.00	6.3	-	-	0	-	-	-	-	-	0	-	-	0	34	212.71
ВТС	2.00	2.80	5.60	1.11	1.00	0	-	0.4	2.5	-	-	-	-	-	0	-	-	0	34	84.54
ВТС	10.40	2.80	27.44	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.1	3.58	34	121.83
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	-	0	-	-	-	-	-	0	18	0.1	0.4	34	13.44
Таван	-	-	22.73	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.67	34	90.92

$\Phi_{T=}$ 580 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
63.6	2	44.36	34

$\Phi_{V=}$ 1508 W

$\Phi_{=}$ 2089 W

Помещение No.: 249 Оръжейна

Външна изчислителна температура	$\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$
Температура на помещението	$\Theta_{int,i} = 18\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
BC	5.77	2.80	11.7	0.26	1.00	3	-	-	0	-	-	-	-	-	0	-	-	0	30	91.16
ВП	2.66	1.68	4.47	1.40	1.00	6.3	-	-	0	-	-	-	-	-	0	-	-	0	30	187.69
ВТС	12.30	2.80	32.92	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.1	4.3	30	128.97
ВТВ	0.80	1.90	1.52	2.00	1.00	0	-	-	0	-	-	-	-	-	0	18	0.1	0.36	30	10.73
Таван	-	-	33.64	0.80	1.00	0	-	-	0	-	-	-	-	-	0	15	0.1	2.69	30	80.74

$\Phi_{T=}$ 499 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
94.2	2	67.25	30

$\Phi_{V=}$ 2018 W

$\Phi_{=}$ 2517 W

Помещение No.: 250 Стълбище

Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

Температура на помещението $\Theta_{int,i} = 18\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
BC	5.36	2.80	10.5	0.26	1.00	2.7	-	-	0	-	-	-	-	-	0	-	-	0	30	82.21
ВП	2.66	1.68	4.47	1.40	1.00	6.3	-	-	0	-	-	-	-	-	0	-	-	0	30	187.69
Таван	-	-	26.35	0.80	1.00	0	-	-	0	-	-	-	-	-	0	15	0.1	2.11	30	63.24

$\Phi_{T=}$ 333 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
73.8	2	51.44	30

$\Phi_{v=}$ 1543 W

$\Phi_{=}$ 1876 W

Помещение No.: 251 Коридор

Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

Температура на помещението $\Theta_{int,i} = 18\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВТС	6.20	2.80	10.64	1.11	1.00	0	-	0.4	4.7	-	-	-	-	-	0	-	-	0	30	141.72
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	30	40.32
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	30	40.32
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	30	40.32
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	30	40.32
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	30	40.32
Таван	-	-	27.50	0.80	1.00	0	-	-	0	-	-	-	-	-	0	15	0.1	2.2	30	66.00

$\Phi_{T=}$ 369 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
78.6	1.5	41.15	30

1235 W

$\Phi_{=}$ 1604 W

$\Phi_{\text{втори етаж}} = 67249\text{ W}$

ТРЕТИ ЕТАЖ

Помещение No.: 301 Стая за отдих

Външна изчислителна температура	$\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$
Температура на помещението	$\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
BC	9.72	2.80	18.3	0.26	1.00	4.8	-	-	0	-	-	-	-	-	0	-	-	0	34	161.58
ВП	2.66	1.68	4.47	1.40	1.00	6.3	-	-	0	-	-	-	-	-	0	-	-	0	34	212.71
ВП	2.66	1.68	4.47	1.40	1.00	6.3	-	-	0	-	-	-	-	-	0	-	-	0	34	212.71
ВТС	2.00	2.80	5.60	1.11	1.00	0	-	0.4	2.5	-	-	-	-	-	0	-	-	0	34	84.54
ВТС	16.10	2.80	42.98	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.1	5.61	34	190.83
ВТВ	1.00	2.10	2.10	2.00	1.00	0	-	-	0	-	-	-	-	-	0	18	0.1	0.49	34	16.80
Таван	-	-	59.48	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	7	34	237.92

$\Phi_{T=}$ 1117 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
166.5	2	113.2	34

$\Phi_{V=}$ 3850 W

$\Phi_{=}$ 4968 W

Помещение No.: 302, 346 Спалня

Външна изчислителна температура	$\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$
Температура на помещението	$\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
BC	3.90	2.80	6.5	0.26	1.00	1.7	-	-	0	-	-	-	-	-	0	-	-	0	34	57.03
ВП	2.66	1.68	4.47	1.40	1.00	6.3	-	-	0	-	-	-	-	-	0	-	-	0	34	212.71
ВТС	1.20	2.80	1.68	1.11	1.00	0	-	0.4	0.7	-	-	-	-	-	0	-	-	0	34	25.36
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Таван	-	-	16.58	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	1.95	34	66.32

$\Phi_{T=}$ 407 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
46.4	2	31.55	34

$\Phi_{V=}$ 1073 W

$\Phi_{=}$ 1480 W

Помещение No.: 303 Баня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВТС	2.70	2.80	7.56	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.59	37	58.74
ВТС	2.76	2.80	7.73	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.7	37	25.73
ВТС	2.00	2.80	4.13	1.11	1.00	0	-	0.4	1.8	-	-	-	-	-	0	-	-	0	37	67.85
ВТВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Таван	-	-	4.20	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.59	37	21.76

 $\Phi_{T=}$ 218 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
11.8	2	6.997	37

 $\Phi_{v=}$ 259 W

 $\Phi_{=}$ 476 W

Помещение No.: 304, 344
Спалня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВС	3.90	2.80	6.5	0.26	1.00	1.7	-	-	0	-	-	-	-	-	0	-	-	0	34	57.03
ВП	2.66	1.68	4.47	1.40	1.00	6.3	-	-	0	-	-	-	-	-	0	-	-	0	34	212.71
ВТС	1.13	2.80	1.48	1.11	1.00	0	-	0.4	0.7	-	-	-	-	-	0	-	-	0	34	22.40
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Таван	-	-	17.19	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.02	34	68.76

 $\Phi_{T=}$ 407 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
48.1	2	32.73	34

 $\Phi_{v=}$ 1113 W

 $\Phi_{=}$ 1519 W

Помещение No.: 305 Баня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² ·K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² ·K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВТС	2.70	2.80	7.56	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.59	37	58.74
ВТС	2.76	2.80	7.73	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.7	37	25.73
ВТС	1.85	2.80	3.71	1.11	1.00	0	-	0.4	1.6	-	-	-	-	-	0	-	-	0	37	60.95
ВТВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Таван	-	-	3.95	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.55	37	20.46

 $\Phi_{T=}$ 209 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
11.1	2	6.957	37

 $\Phi_{v=}$ 257 W

 $\Phi_{=}$ 467 W

Помещение No.: 306, 342
Спалня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² ·K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² ·K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВС	3.90	2.80	6.5	0.26	1.00	1.7	-	-	0	-	-	-	-	-	0	-	-	0	34	57.03
ВП	2.66	1.68	4.47	1.40	1.00	6.3	-	-	0	-	-	-	-	-	0	-	-	0	34	212.71
ВТС	1.13	2.80	1.48	1.11	1.00	0	-	0.4	0.7	-	-	-	-	-	0	-	-	0	34	22.40
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Таван	-	-	17.13	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.02	34	68.52

 $\Phi_{T=}$ 406 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
48.0	2	32.61	34

 $\Phi_{v=}$ 1109 W

 $\Phi_{=}$ 1515 W

Помещение No.: 307, 343 Баня

Външна изчислителна температура	$\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$
Температура на помещението	$\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВТС	2.70	2.80	7.56	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.59	37	58.74
ВТС	2.76	2.80	7.73	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.7	37	25.73
ВТС	1.75	2.80	3.43	1.11	1.00	0	-	0.4	1.5	-	-	-	-	-	0	-	-	0	37	56.35
ВТВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Таван	-	-	3.55	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.5	37	18.39

$\Phi_{T=}$ 203 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
10.1	2	6.834	37

$\Phi_{v=}$ 253 W

$\Phi_{=}$ 456 W

Помещение No.: 308, 340 Канцелария

Външна изчислителна температура	$\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$
Температура на помещението	$\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВС	8.61	2.80	20.4	0.26	1.00	5.3	-	-	0	-	-	-	-	-	0	-	-	0	34	180.44
ВП	2.20	1.68	3.70	1.40	1.00	5.2	-	-	0	-	-	-	-	-	0	-	-	0	34	175.93
ВТС	1.24	2.80	1.79	1.11	1.00	0	-	0.4	0.8	-	-	-	-	-	0	-	-	0	34	27.05
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Таван	-	-	17.50	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.06	34	70.00

$\Phi_{T=}$ 499 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
49.0	2	33.32	34

$\Phi_{v=}$ 1133 W

$\Phi_{=}$ 1632 W

Помещение No.: 309, 341 Баня

Външна изчислителна температура	$\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$
Температура на помещението	$\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,i,e}$ [W/K]	Θ_u [°C]	b_u	$H_{T,i,ue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,i,g}$ [W/K]	Adjacent space	f_{ij}	$H_{T,i,j}$ [W/K]	$\Theta_{int,i-e}$ [°C]	$\Phi_{T,i}$ [W]
ВТС	2.72	2.80	7.62	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.6	37	59.18
ВТС	2.81	2.80	7.87	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.71	37	26.20
ВТС	1.83	2.80	3.65	1.11	1.00	0	-	0.4	1.6	-	-	-	-	-	0	-	-	0	37	60.03
ВТВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Таван	-	-	3.97	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.56	37	20.56

$\Phi_{T=}$ 209 W				
V_i [m ²]	ϵ	H_v, I [W/K]	$\Theta_{int, j} \ominus e$ [°C]	
10.6	2	7.208	37	
$\Phi_{v=}$ 267 W				
$\Phi_{=}$ 476 W				

Помещение No.: 310, 339 Коридор

Външна изчислителна температура	$\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$
Температура на помещението	$\Theta_{int,i} = 18\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	$\Theta_{adjacent\ space}$	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
BC	2.28	2.80	3.2	0.26	1.00	0.8	-	-	0	-	-	-	-	-	0	-	-	0	30	24.90
ВП	1.90	1.68	3.19	1.40	1.00	4.5	-	-	0	-	-	-	-	-	0	-	-	0	30	134.06
ВТС	12.60	2.80	20.16	1.11	1.00	0	-	0.4	9	-	-	-	-	-	0	-	-	0	30	268.53
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	30	40.32
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	30	40.32
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	30	40.32
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	30	40.32
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	30	40.32
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	30	40.32
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	30	40.32
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	30	40.32
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	30	40.32
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	30	40.32
Таван	-	-	37.04	0.80	1.00	0	-	-	0	-	-	-	-	-	0	15	0.1	2.96	30	88.90

$\Phi_T =$ 879 W			
V_i [m³]	η	H_v [W/K]	$\Theta_{int, i} - \Theta_e$ [°C]
103.7	1.5	52.19	30
$\Phi_{v=}$ 1566 W			
$\Phi =$ 2445 W			

Помещение No.: 311
Спалня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
BC	10.70	2.80	26.3	0.26	1.00	6.8	-	-	0	-	-	-	-	-	0	-	-	0	34	232.17
ВП	2.20	1.68	3.70	1.40	1.00	5.2	-	-	0	-	-	-	-	-	0	-	-	0	34	175.93
ВТС	1.80	2.80	3.36	1.11	1.00	0	-	0.4	1.5	-	-	-	-	-	0	-	-	0	34	50.72
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Таван	-	-	23.92	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.81	34	95.68

 $\Phi_{T=}$ 600 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
67.0	2	45.55	34

 $\Phi_{v=}$ 1549 W

 $\Phi_{=}$ 2149 W

Помещение No.: 312, 338
Баня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВТС	2.25	2.80	6.30	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.32	37	48.95
ВТС	2.25	2.80	6.30	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.57	37	20.98
ВТС	3.11	2.80	7.24	1.11	1.00	0	-	0.4	3.2	-	-	-	-	-	0	-	-	0	37	118.91
ВТВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Таван	-	-	5.31	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.74	37	27.51

 $\Phi_{T=}$ 260 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
14.9	2	10.1	37

 $\Phi_{v=}$ 374 W

 $\Phi_{=}$ 634 W

Помещение No.: 313, 335 Спалня

 Външна изчислителна температура $\Theta_{e,i} = -12 \text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 22 \text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i}-\Theta_e$ [°C]	$\Phi_{T,i}$ [W]
BC	4.43	2.80	8.7	0.26	1.00	2.3	-	-	0	-	-	-	-	-	0	-	-	0	34	76.98
ВП	2.20	1.68	3.70	1.40	1.00	5.2	-	-	0	-	-	-	-	-	0	-	-	0	34	175.93
ВТС	1.60	2.80	2.80	1.11	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	34	42.27
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Таван	-	-	23.26	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.74	34	93.04

 $\Phi_{T=}$ 434 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i}-\Theta_e$ [°C]
65.1	2	47.61	34

 $\Phi_{v=}$ 1619 W
 $\Phi_{=}$ 2053 W
Помещение No.: 314 Баня

 Външна изчислителна температура $\Theta_{e,i} = -12 \text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 25 \text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i}-\Theta_e$ [°C]	$\Phi_{T,i}$ [W]
ВТС	2.18	2.80	6.10	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.28	37	47.43
ВТС	2.25	2.80	6.30	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.57	37	20.98
ВТС	3.00	2.80	6.93	1.11	1.00	0	-	0.4	3.1	-	-	-	-	-	0	-	-	0	37	113.85
ВТВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Таван	-	-	5.10	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.71	37	26.42

 $\Phi_{T=}$ 252 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i}-\Theta_e$ [°C]
14.3	2	9.71	37

 $\Phi_{v=}$ 359 W
 $\Phi_{=}$ 611 W

Помещение No.: 315, 333
Спалня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
BC	4.43	2.80	8.7	0.26	1.00	2.3	-	-	0	-	-	-	-	-	0	-	-	0	34	76.98
ВП	2.20	1.68	3.70	1.40	1.00	5.2	-	-	0	-	-	-	-	-	0	-	-	0	34	175.93
ВТС	1.50	2.80	2.52	1.11	1.00	0	-	0.4	1.1	-	-	-	-	-	0	-	-	0	34	38.04
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Таван	-	-	23.22	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.73	34	92.88

 $\Phi_{T=}$ 430 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
65.0	2	47.53	34

 $\Phi_{v=}$ 1616 W

 $\Phi_{=}$ 2046 W

Помещение No.: 316, 334
Баня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВТС	2.30	2.80	6.44	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.35	37	50.04
ВТС	2.25	2.80	6.30	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.57	37	20.98
ВТС	3.00	2.80	6.93	1.11	1.00	0	-	0.4	3.1	-	-	-	-	-	0	-	-	0	37	113.85
ВТВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Таван	-	-	5.33	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.75	37	27.61

 $\Phi_{T=}$ 256 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
14.9	2	10.13	37

 $\Phi_{v=}$ 375 W

 $\Phi_{=}$ 631 W

Помещение No.: 317
Спалня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
BC	4.43	2.80	8.7	0.26	1.00	2.3	-	-	0	-	-	-	-	-	0	-	-	0	34	76.98
ВП	2.20	1.68	3.70	1.40	1.00	5.2	-	-	0	-	-	-	-	-	0	-	-	0	34	175.93
ВТС	1.60	2.80	2.80	1.11	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	34	42.27
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Таван	-	-	23.40	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.75	34	93.60

 $\Phi_{T=}$ 434 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
65.5	2	47.9	34

 $\Phi_{v=}$ 1628 W
 $\Phi_{=}$ 2063 W
Помещение No.: 318, 332
Баня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВТС	2.26	2.80	6.33	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.33	37	49.17
ВТС	2.18	2.80	6.10	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.55	37	20.33
ВТС	3.00	2.80	6.93	1.11	1.00	0	-	0.4	3.1	-	-	-	-	-	0	-	-	0	37	113.85
ВТВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Таван	-	-	5.16	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.72	37	26.73

 $\Phi_{T=}$ 254 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
14.5	2	9.86	37

 $\Phi_{v=}$ 365 W
 $\Phi_{=}$ 618 W

Помещение No.: 319, 329
Спалня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
BC	4.43	2.80	8.7	0.26	1.00	2.3	-	-	0	-	-	-	-	-	0	-	-	0	34	76.98
ВП	2.20	1.68	3.70	1.40	1.00	5.2	-	-	0	-	-	-	-	-	0	-	-	0	34	175.93
ВТС	1.50	2.80	2.52	1.11	1.00	0	-	0.4	1.1	-	-	-	-	-	0	-	-	0	34	38.04
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Таван	-	-	23.17	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.73	34	92.68

 $\Phi_{T=}$ 429 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
64.9	2	47.44	34

 $\Phi_{v=}$ 1613 W

 $\Phi_{=}$ 2042 W

Помещение No.: 320, 330
Баня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВТС	2.33	2.80	6.52	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.37	37	50.69
ВТС	2.26	2.80	6.33	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.57	37	21.07
ВТС	3.00	2.80	6.93	1.11	1.00	0	-	0.4	3.1	-	-	-	-	-	0	-	-	0	37	113.85
ВТВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Таван	-	-	5.35	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.75	37	27.71

 $\Phi_{T=}$ 257 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
15.0	2	10.19	37

 $\Phi_{v=}$ 377 W

 $\Phi_{=}$ 634 W

Помещение No.: 321, 327
Спалня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i}-\Theta_e$ [°C]	$\Phi_{T,i}$ [W]
BC	4.38	2.80	8.6	0.26	1.00	2.2	-	-	0	-	-	-	-	-	0	-	-	0	34	75.74
ВП	2.20	1.68	3.70	1.40	1.00	5.2	-	-	0	-	-	-	-	-	0	-	-	0	34	175.93
ВТС	1.46	2.80	2.41	1.11	1.00	0	-	0.4	1.1	-	-	-	-	-	0	-	-	0	34	36.35
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Таван	-	-	22.97	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.7	34	91.88

 $\Phi_{T=}$ 426 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i}-\Theta_e$ [°C]
64.3	2	47.01	34

 $\Phi_{v=}$ 1598 W

 $\Phi_{=}$ 2024 W

Помещение No.: 322, 328
Баня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i}-\Theta_e$ [°C]	$\Phi_{T,i}$ [W]
ВТС	2.33	2.80	6.52	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.37	37	50.69
ВТС	2.26	2.80	6.33	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.57	37	21.07
ВТС	3.00	2.80	6.93	1.11	1.00	0	-	0.4	3.1	-	-	-	-	-	0	-	-	0	37	113.85
ВТВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Таван	-	-	5.36	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.75	37	27.76

 $\Phi_{T=}$ 257 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i}-\Theta_e$ [°C]
15.0	2	10.2	37

 $\Phi_{v=}$ 377 W

 $\Phi_{=}$ 634 W

Помещение No.: 323, 325
Спалня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
BC	4.43	2.80	8.7	0.26	1.00	2.3	-	-	0	-	-	-	-	-	0	-	-	0	34	76.98
ВП	2.20	1.68	3.70	1.40	1.00	5.2	-	-	0	-	-	-	-	-	0	-	-	0	34	175.93
ВТС	1.50	2.80	2.52	1.11	1.00	0	-	0.4	1.1	-	-	-	-	-	0	-	-	0	34	38.04
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Таван	-	-	23.23	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.73	34	92.92

 $\Phi_{T=}$ 430 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
65.0	2	47.52	34

 $\Phi_{v=}$ 1616 W

 $\Phi_{=}$ 2045 W

Помещение No.: 324, 326
Баня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВТС	2.33	2.80	6.52	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.37	37	50.69
ВТС	2.26	2.80	6.33	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.57	37	21.07
ВТС	3.00	2.80	6.93	1.11	1.00	0	-	0.4	3.1	-	-	-	-	-	0	-	-	0	37	113.85
ВТВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Таван	-	-	5.36	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.75	37	27.76

 $\Phi_{T=}$ 257 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
15.0	2	10.2	37

 $\Phi_{v=}$ 377 W

 $\Phi_{=}$ 634 W

Помещение No.: 331
Спалня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
BC	4.43	2.80	8.7	0.26	1.00	2.3	-	-	0	-	-	-	-	-	0	-	-	0	34	76.98
ВП	2.20	1.68	3.70	1.40	1.00	5.2	-	-	0	-	-	-	-	-	0	-	-	0	34	175.93
ВТС	1.60	2.80	2.80	1.11	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	34	42.27
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Таван	-	-	22.71	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.67	34	90.84

 $\Phi_{T=}$ 432 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
63.6	2	46.49	34

 $\Phi_{v=}$ 1581 W
 $\Phi_{=}$ 2012 W
Помещение No.: 336
Баня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВТС	2.25	2.80	6.30	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.32	37	48.95
ВТС	2.20	2.80	6.16	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.55	37	20.51
ВТС	3.00	2.80	6.93	1.11	1.00	0	-	0.4	3.1	-	-	-	-	-	0	-	-	0	37	113.85
ВТВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Таван	-	-	5.14	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.72	37	26.63

 $\Phi_{T=}$ 253 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
14.4	2	9.792	37

 $\Phi_{v=}$ 362 W
 $\Phi_{=}$ 616 W

Помещение No.: 337
Спалня

 Външна изчислителна температура $\Theta_{e,i} = -12 \text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 22 \text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
BC	10.52	2.80	25.8	0.26	1.00	6.7	-	-	0	-	-	-	-	-	0	-	-	0	34	227.72
ВП	2.20	1.68	3.70	1.40	1.00	5.2	-	-	0	-	-	-	-	-	0	-	-	0	34	175.93
ВТС	1.80	2.80	3.36	1.11	1.00	0	-	0.4	1.5	-	-	-	-	-	0	-	-	0	34	50.72
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Таван	-	-	23.90	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.81	34	95.60

 $\Phi_{T=}$ 596 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
67.0	2	45.55	34

 $\Phi_{v=}$ 1549 W

 $\Phi_{=}$ 2144 W

Помещение No.: 345 Баня

 Външна изчислителна температура $\Theta_{e,i} = -12 \text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 25 \text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВТС	2.70	2.80	7.56	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.59	37	58.74
ВТС	2.76	2.80	7.73	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.7	37	25.73
ВТС	1.85	2.80	3.71	1.11	1.00	0	-	0.4	1.6	-	-	-	-	-	0	-	-	0	37	60.95
ВТВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Таван	-	-	4.11	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.58	37	21.29

 $\Phi_{T=}$ 210 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
11.5	2	7.038	37

 $\Phi_{v=}$ 260 W

 $\Phi_{=}$ 471 W

Помещение No.: 347 Баня

Външна изчислителна температура	$\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$
Температура на помещението	$\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,j}-\Theta_e$ [°C]	$\Phi_{T,i}$ [W]
ВТС	2.66	2.80	7.45	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.56	37	57.87
ВТС	2.73	2.80	7.64	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.69	37	25.45
ВТС	1.83	2.80	3.65	1.11	1.00	0	-	0.4	1.6	-	-	-	-	-	0	-	-	0	37	60.03
ВТВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Таван	-	-	3.91	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.55	37	20.25

$\Phi_{T=}$ 207 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i}-\Theta_e$ [°C]
10.9	2	6.695	37

$\Phi_{v=}$ 248 W

$\Phi_{=}$ 455 W

Помещение No.: 348 Учебна зала

Външна изчислителна температура	$\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$
Температура на помещението	$\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,j}-\Theta_e$ [°C]	$\Phi_{T,i}$ [W]
ВС	3.90	2.80	6.5	0.26	1.00	1.7	-	-	0	-	-	-	-	-	0	-	-	0	34	57.03
ВП	2.66	1.68	4.47	1.40	1.00	6.3	-	-	0	-	-	-	-	-	0	-	-	0	34	212.71
ВТС	2.00	2.80	5.60	1.11	1.00	0	-	0.4	2.5	-	-	-	-	-	0	-	-	0	34	84.54
ВТС	10.40	2.80	27.44	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.1	3.58	34	121.83
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	-	0	-	-	-	-	-	0	18	0.1	0.4	34	13.44
Таван	-	-	22.73	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.67	34	90.92

$\Phi_{T=}$ 580 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i}-\Theta_e$ [°C]
63.6	2	44.36	34

$\Phi_{v=}$ 1508 W

$\Phi_{=}$ 2089 W

Помещение No.: 349 Оръжейна

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 18\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,j}-\Theta_e$ [°C]	$\Phi_{T,i}$ [W]
BC	5.77	2.80	11.7	0.26	1.00	3	-	-	0	-	-	-	-	-	0	-	-	0	30	91.16
ВП	2.66	1.68	4.47	1.40	1.00	6.3	-	-	0	-	-	-	-	-	0	-	-	0	30	187.69
ВТС	12.20	2.80	32.64	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.1	4.26	30	127.87
ВТВ	0.80	1.90	1.52	2.00	1.00	0	-	-	0	-	-	-	-	-	0	18	0.1	0.36	30	10.73
Таван	-	-	34.26	0.80	1.00	0	-	-	0	-	-	-	-	-	0	15	0.1	2.74	30	82.22

 $\Phi_{T=}$ 500 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i}-\Theta_e$ [°C]
95.9	2	68.47	30

 $\Phi_{v=}$ 2054 W

 $\Phi_{=}$ 2554 W

Помещение No.: 350 Стълбище

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 18\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,j}-\Theta_e$ [°C]	$\Phi_{T,i}$ [W]
BC	5.36	2.80	10.5	0.26	1.00	2.7	-	-	0	-	-	-	-	-	0	-	-	0	30	82.21
ВП	2.66	1.68	4.47	1.40	1.00	6.3	-	-	0	-	-	-	-	-	0	-	-	0	30	187.69
Таван	-	-	26.35	0.80	1.00	0	-	-	0	-	-	-	-	-	0	15	0.1	2.11	30	63.24

 $\Phi_{T=}$ 270 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i}-\Theta_e$ [°C]
73.8	2	51.44	30

 $\Phi_{v=}$ 1543 W

 $\Phi_{=}$ 1813 W

Помещение No.: 351 Коридор

Външна изчислителна температура	$\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$
Температура на помещението	$\Theta_{int,i} = 18\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВтС	6.20	2.80	10.64	1.11	1.00	0	-	0.4	4.7	-	-	-	-	-	0	-	-	0	30	141.72
ВтВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	30	40.32
ВтВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	30	40.32
ВтВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	30	40.32
ВтВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	30	40.32
ВтВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	30	40.32
Таван	-	-	27.50	0.80	1.00	0	-	-	0	-	-	-	-	-	0	15	0.1	2.2	30	66.00

$\Phi_{T=}$ 369 W			
V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
78.6	1.5	41.15	30
$\Phi_{V=}$ 1235 W			
$\Phi_{=}$ 1604 W			

$\Phi_{\text{трети етаж}} =$ 71527 W

ЧЕТВЪРТИ ЕТАЖ, ТИПОВ С ТРЕТИ ЕТАЖ

$\Phi_{\text{четвърти етаж}} =$ 71527 W

ПЕТИ ЕТАЖ

Помещение No.: 501 Стая за отдих

Външна изчислителна температура	$\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$
Температура на помещението	$\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
BC	9.72	2.80	18.3	0.26	1.00	4.8	-	-	0	-	-	-	-	-	0	-	-	0	34	161.58
ВП	2.66	1.68	4.47	1.40	1.00	6.3	-	-	0	-	-	-	-	-	0	-	-	0	34	212.71
ВП	2.66	1.68	4.47	1.40	1.00	6.3	-	-	0	-	-	-	-	-	0	-	-	0	34	212.71
ВТС	2.00	2.80	5.60	1.11	1.00	0	-	0.4	2.5	-	-	-	-	-	0	-	-	0	34	84.54
ВТС	16.10	2.80	42.98	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.1	5.61	34	190.83
ВТВ	1.00	2.10	2.10	2.00	1.00	0	-	-	0	-	-	-	-	-	0	18	0.1	0.49	34	16.80
Под	-	-	59.48	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	7	34	237.92
Таван	-	-	59.48	0.24	1.00	14	-	-	0	-	-	-	-	-	0	-	-	0	34	485.36

$\Phi_{T=}$		1602 W	
V_i [m³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
166.5	2	110.4	34
$\Phi_{v=}$		3754 W	
$\Phi_{=}$		5357 W	

Помещение No.: 502, 546 Спалня

Външна изчислителна температура	$\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$
Температура на помещението	$\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
BC	3.90	2.80	6.5	0.26	1.00	1.7	-	-	0	-	-	-	-	-	0	-	-	0	34	57.03
ВП	2.66	1.68	4.47	1.40	1.00	6.3	-	-	0	-	-	-	-	-	0	-	-	0	34	212.71
ВТС	1.20	2.80	1.68	1.11	1.00	0	-	0.4	0.7	-	-	-	-	-	0	-	-	0	34	25.36
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Под	-	-	16.58	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	1.95	34	66.32
Таван	-	-	16.58	0.24	1.00	4	-	-	0	-	-	-	-	-	0	-	-	0	34	135.29

$\Phi_{T=}$		542 W	
V_i [m³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i}-\Theta_e$ [°C]
46.4	2	31.55	34
$\Phi_{V=}$		1073 W	
$\Phi_{=}$		1615 W	

Помещение No.: 503 Баня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВтС	2.70	2.80	7.56	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.59	37	58.74
ВтС	2.76	2.80	7.73	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.7	37	25.73
ВтС	2.00	2.80	4.13	1.11	1.00	0	-	0.4	1.8	-	-	-	-	-	0	-	-	0	37	67.85
ВтВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Под	-	-	4.20	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.59	37	21.76
Таван	-	-	4.20	0.24	1.00	1	-	-	0	-	-	-	-	-	0	-	-	0	37	37.30

 $\Phi_{T=}$ 255 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
11.8	2	7.597	37

 $\Phi_{v=}$ 281 W

 $\Phi_{=}$ 536 W

Помещение No.: 504, 544
Спалня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВС	3.90	2.80	6.5	0.26	1.00	1.7	-	-	0	-	-	-	-	-	0	-	-	0	34	57.03
ВП	2.66	1.68	4.47	1.40	1.00	6.3	-	-	0	-	-	-	-	-	0	-	-	0	34	212.71
ВтС	1.13	2.80	1.48	1.11	1.00	0	-	0.4	0.7	-	-	-	-	-	0	-	-	0	34	22.40
ВтВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Под	-	-	17.19	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.02	34	68.76
Таван	-	-	17.19	0.24	1.00	4.1	-	-	0	-	-	-	-	-	0	-	-	0	34	140.27

 $\Phi_{T=}$ 547 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
48.1	2	31.91	34

 $\Phi_{v=}$ 1085 W

 $\Phi_{=}$ 1632 W

Помещение No.: 505 Баня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВтС	2.70	2.80	7.56	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.59	37	58.74
ВтС	2.76	2.80	7.73	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.7	37	25.73
ВтС	1.85	2.80	3.71	1.11	1.00	0	-	0.4	1.6	-	-	-	-	-	0	-	-	0	37	60.95
ВтВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Под	-	-	3.95	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.55	37	20.46
Таван	-	-	3.95	0.24	1.00	0.9	-	-	0	-	-	-	-	-	0	-	-	0	37	35.08

 $\Phi_{T=}$ 244 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
11.1	2	7.521	37

 $\Phi_{V=}$ 278 W
 $\Phi_{=}$ 523 W
Помещение No.: 506, 542
Спалня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВС	3.90	2.80	6.5	0.26	1.00	1.7	-	-	0	-	-	-	-	-	0	-	-	0	34	57.03
ВП	2.66	1.68	4.47	1.40	1.00	6.3	-	-	0	-	-	-	-	-	0	-	-	0	34	212.71
ВтС	1.13	2.80	1.48	1.11	1.00	0	-	0.4	0.7	-	-	-	-	-	0	-	-	0	34	22.40
ВтВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Под	-	-	17.13	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.02	34	68.52
Таван	-	-	17.13	0.24	1.00	4.1	-	-	0	-	-	-	-	-	0	-	-	0	34	139.78

 $\Phi_{T=}$ 546 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
48.0	2	31.8	34

 $\Phi_{V=}$ 1081 W
 $\Phi_{=}$ 1627 W

Помещение No.: 507, 543 Баня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² ·K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² ·K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВтС	2.70	2.80	7.56	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.59	37	58.74
ВтС	2.76	2.80	7.73	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.7	37	25.73
ВтС	1.75	2.80	3.43	1.11	1.00	0	-	0.4	1.5	-	-	-	-	-	0	-	-	0	37	56.35
ВтВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Под	-	-	3.74	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.52	37	19.37
Таван	-	-	3.74	0.24	1.00	0.9	-	-	0	-	-	-	-	-	0	-	-	0	37	33.21

 $\Phi_{T=}$ 237 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
10.1	2	6.834	37

 $\Phi_{V=}$ 253 W
 $\Phi_{=}$ 490 W
Помещение No.: 508, 540 Спалня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² ·K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² ·K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВС	8.61	2.80	20.4	0.26	1.00	5.3	-	-	0	-	-	-	-	-	0	-	-	0	34	180.44
ВП	2.20	1.68	3.70	1.40	1.00	5.2	-	-	0	-	-	-	-	-	0	-	-	0	34	175.93
ВтС	1.24	2.80	1.79	1.11	1.00	0	-	0.4	0.8	-	-	-	-	-	0	-	-	0	34	27.05
ВтВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Под	-	-	17.50	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.06	34	70.00
Таван	-	-	17.50	0.24	1.00	4.2	-	-	0	-	-	-	-	-	0	-	-	0	34	142.80

 $\Phi_{T=}$ 642 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
49.0	2	32.49	34

 $\Phi_{V=}$ 1105 W
 $\Phi_{=}$ 1746 W

Помещение No.: 509, 541 Баня

 Външна изчислителна температура $\Theta_{e,i} = -12 \text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 25 \text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² ·K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	Θ_{me} [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² ·K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВТС	2.72	2.80	7.62	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.6	37	59.18
ВТС	2.81	2.80	7.87	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.71	37	26.20
ВТС	1.83	2.80	3.65	1.11	1.00	0	-	0.4	1.6	-	-	-	-	-	0	-	-	0	37	60.03
ВТВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Под	-	-	3.98	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.56	37	20.62
Таван	-	-	3.98	0.24	1.00	1	-	-	0	-	-	-	-	-	0	-	-	0	37	35.34

 $\Phi_{T=}$ 245 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
10.6	2	7.208	37

 $\Phi_{V=}$ 267 W

 $\Phi_{=}$ 512 W

Помещение No.: 510, 539 Коридор

 Външна изчислителна температура $\Theta_{e,i} = -12 \text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 18 \text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² ·K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	Θ_{me} [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² ·K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВС	2.28	2.80	3.2	0.26	1.00	0.8	-	-	0	-	-	-	-	-	0	-	-	0	29.5	24.48
ВП	1.90	1.68	3.19	1.40	1.00	4.5	-	-	0	-	-	-	-	-	0	-	-	0	29.5	131.83
ВТС	12.60	2.80	20.16	1.11	1.00	0	-	0.4	7.8	-	-	-	-	-	0	-	-	0	29.5	231.05
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	29.5	34.69
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	29.5	34.69
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	29.5	34.69
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	29.5	34.69
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	29.5	34.69
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	29.5	34.69
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	29.5	34.69
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	29.5	34.69
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	29.5	34.69
Под	-	-	37.04	0.80	1.00	0	-	-	0	-	-	-	-	-	0	15	0.1	2.96	29.5	87.41
Таван	-	-	37.04	0.24	1.00	8.9	-	-	0	-	-	-	-	-	0	-	-	0	29.5	262.24

 $\Phi_{T=}$ 1049 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
103.7	1.5	51.13	30

 $\Phi_{V=}$ 1524 W

 $\Phi_{=}$ 2573 W

Помещение No.: 511
Спалня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
BC	10.70	2.80	26.3	0.26	1.00	6.8	-	-	0	-	-	-	-	-	0	-	-	0	34	232.17
ВП	2.20	1.68	3.70	1.40	1.00	5.2	-	-	0	-	-	-	-	-	0	-	-	0	34	175.93
ВТС	1.80	2.80	3.36	1.11	1.00	0	-	0.4	1.5	-	-	-	-	-	0	-	-	0	34	50.72
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Под	-	-	23.92	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.81	34	95.68
Таван	-	-	23.92	0.24	1.00	5.7	-	-	0	-	-	-	-	-	0	-	-	0	34	195.19

 $\Phi_{T=}$ 795 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
67.0	2	45.55	34

 $\Phi_{V=}$ 1549 W
 $\Phi_{=}$ 2344 W
Помещение No.: 512, 538
Баня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВТС	2.25	2.80	6.30	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.32	37	48.95
ВТС	2.25	2.80	6.30	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.57	37	20.98
ВТС	3.11	2.80	7.24	1.11	1.00	0	-	0.4	3.2	-	-	-	-	-	0	-	-	0	37	118.91
ВТВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Под	-	-	5.31	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.74	37	27.51
Таван	-	-	5.31	0.24	1.00	1.3	-	-	0	-	-	-	-	-	0	-	-	0	37	47.15

 $\Phi_{T=}$ 307 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
14.9	2	10.1	37

 $\Phi_{V=}$ 374 W
 $\Phi_{=}$ 681 W

Помещение No.: 513, 535 Спалня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² ·K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² ·K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
BC	4.43	2.80	8.7	0.26	1.00	2.3	-	-	0	-	-	-	-	-	0	-	-	0	34	76.98
ВП	2.20	1.68	3.70	1.40	1.00	5.2	-	-	0	-	-	-	-	-	0	-	-	0	34	175.93
ВТС	1.60	2.80	2.80	1.11	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	34	42.27
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Под	-	-	23.26	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.74	34	93.04
Таван	-	-	23.26	0.24	1.00	5.6	-	-	0	-	-	-	-	-	0	-	-	0	34	189.80

 $\Phi_{T=}$ 624 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
65.1	2	44.29	34

 $\Phi_{V=}$ 1506 W
 $\Phi_{=}$ 2130 W
Помещение No.: 514 Баня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² ·K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² ·K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВТС	2.18	2.80	6.10	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.28	37	47.43
ВТС	2.25	2.80	6.30	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.57	37	20.98
ВТС	3.00	2.80	6.93	1.11	1.00	0	-	0.4	3.1	-	-	-	-	-	0	-	-	0	37	113.85
ВТВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Под	-	-	5.10	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.71	37	26.42
Таван	-	-	5.10	0.24	1.00	1.2	-	-	0	-	-	-	-	-	0	-	-	0	37	45.29

 $\Phi_{T=}$ 297 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
14.3	2	9.71	37

 $\Phi_{V=}$ 359 W
 $\Phi_{=}$ 657 W

Помещение No.: 515, 533
Спалня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
BC	4.43	2.80	8.7	0.26	1.00	2.3	-	-	0	-	-	-	-	-	0	-	-	0	34	76.98
ВП	2.20	1.68	3.70	1.40	1.00	5.2	-	-	0	-	-	-	-	-	0	-	-	0	34	175.93
ВТС	1.50	2.80	2.52	1.11	1.00	0	-	0.4	1.1	-	-	-	-	-	0	-	-	0	34	38.04
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Под	-	-	23.22	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.73	34	92.88
Таван	-	-	23.22	0.24	1.00	5.6	-	-	0	-	-	-	-	-	0	-	-	0	34	189.48

 $\Phi_{T=}$ 619 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
65.0	2	44.21	34

 $\Phi_{V=}$ 1503 W
 $\Phi_{=}$ 2122 W
Помещение No.: 516, 534
Баня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВТС	2.30	2.80	6.44	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.35	37	50.04
ВТС	2.25	2.80	6.30	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.57	37	20.98
ВТС	3.00	2.80	6.93	1.11	1.00	0	-	0.4	3.1	-	-	-	-	-	0	-	-	0	37	113.85
ВТВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Под	-	-	5.33	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.75	37	27.61
Таван	-	-	5.33	0.24	1.00	1.3	-	-	0	-	-	-	-	-	0	-	-	0	37	47.33

 $\Phi_{T=}$ 303 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
14.9	2	10.13	37

 $\Phi_{V=}$ 375 W
 $\Phi_{=}$ 678 W

Помещение No.: 517
Спалня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
BC	4.43	2.80	8.7	0.26	1.00	2.3	-	-	0	-	-	-	-	-	0	-	-	0	34	76.98
ВП	2.20	1.68	3.70	1.40	1.00	5.2	-	-	0	-	-	-	-	-	0	-	-	0	34	175.93
ВТС	1.60	2.80	2.80	1.11	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	34	42.27
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Под	-	-	23.40	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.75	34	93.60
Таван	-	-	23.40	0.24	1.00	5.6	-	-	0	-	-	-	-	-	0	-	-	0	34	190.94

 $\Phi_{T=}$ 625 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
65.5	2	44.55	34

 $\Phi_{V=}$ 1515 W
 $\Phi_{=}$ 2140 W
Помещение No.: 518, 532
Баня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВТС	2.26	2.80	6.33	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.33	37	49.17
ВТС	2.18	2.80	6.10	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.55	37	20.33
ВТС	3.00	2.80	6.93	1.11	1.00	0	-	0.4	3.1	-	-	-	-	-	0	-	-	0	37	113.85
ВТВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Под	-	-	5.16	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.72	37	26.73
Таван	-	-	5.16	0.24	1.00	1.2	-	-	0	-	-	-	-	-	0	-	-	0	37	45.82

 $\Phi_{T=}$ 299 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
14.5	2	9.86	37

 $\Phi_{V=}$ 365 W
 $\Phi_{=}$ 664 W

Помещение No.: 519, 529
Спалня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
BC	4.43	2.80	8.7	0.26	1.00	2.3	-	-	0	-	-	-	-	-	0	-	-	0	34	76.98
ВП	2.20	1.68	3.70	1.40	1.00	5.2	-	-	0	-	-	-	-	-	0	-	-	0	34	175.93
ВТС	1.50	2.80	2.52	1.11	1.00	0	-	0.4	1.1	-	-	-	-	-	0	-	-	0	34	38.04
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Под	-	-	23.17	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.73	34	92.68
Таван	-	-	23.17	0.24	1.00	5.6	-	-	0	-	-	-	-	-	0	-	-	0	34	189.07

 $\Phi_{T=}$ 618 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
64.9	2	44.13	34

 $\Phi_{V=}$ 1500 W
 $\Phi_{=}$ 2119 W
Помещение No.: 520, 530
Баня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВТС	2.33	2.80	6.52	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.37	37	50.69
ВТС	2.26	2.80	6.33	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.57	37	21.07
ВТС	3.00	2.80	6.93	1.11	1.00	0	-	0.4	3.1	-	-	-	-	-	0	-	-	0	37	113.85
ВТВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Под	-	-	5.35	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.75	37	27.71
Таван	-	-	5.35	0.24	1.00	1.3	-	-	0	-	-	-	-	-	0	-	-	0	37	47.51

 $\Phi_{T=}$ 304 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
15.0	2	10.19	37

 $\Phi_{V=}$ 377 W
 $\Phi_{=}$ 681 W

Помещение No.: 521, 527
Спалня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
BC	4.38	2.80	8.6	0.26	1.00	2.2	-	-	0	-	-	-	-	-	0	-	-	0	34	75.74
ВП	2.20	1.68	3.70	1.40	1.00	5.2	-	-	0	-	-	-	-	-	0	-	-	0	34	175.93
ВТС	1.46	2.80	2.41	1.11	1.00	0	-	0.4	1.1	-	-	-	-	-	0	-	-	0	34	36.35
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Под	-	-	22.97	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.7	34	91.88
Таван	-	-	22.97	0.24	1.00	5.5	-	-	0	-	-	-	-	-	0	-	-	0	34	187.44

 $\Phi_{T=}$ 613 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
64.3	2	43.73	34

 $\Phi_{V=}$ 1487 W
 $\Phi_{=}$ 2100 W
Помещение No.: 522, 528
Баня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВТС	2.33	2.80	6.52	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.37	37	50.69
ВТС	2.26	2.80	6.33	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.57	37	21.07
ВТС	3.00	2.80	6.93	1.11	1.00	0	-	0.4	3.1	-	-	-	-	-	0	-	-	0	37	113.85
ВТВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Под	-	-	5.36	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.75	37	27.76
Таван	-	-	5.36	0.24	1.00	1.3	-	-	0	-	-	-	-	-	0	-	-	0	37	47.60

 $\Phi_{T=}$ 304 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
15.0	2	10.2	37

 $\Phi_{V=}$ 377 W
 $\Phi_{=}$ 682 W

Помещение No.: 523, 525
Спалня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
BC	4.43	2.80	8.7	0.26	1.00	2.3	-	-	0	-	-	-	-	-	0	-	-	0	34	76.98
ВП	2.20	1.68	3.70	1.40	1.00	5.2	-	-	0	-	-	-	-	-	0	-	-	0	34	175.93
ВТС	1.50	2.80	2.52	1.11	1.00	0	-	0.4	1.1	-	-	-	-	-	0	-	-	0	34	38.04
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Под	-	-	23.23	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.73	34	92.92
Таван	-	-	23.23	0.24	1.00	5.6	-	-	0	-	-	-	-	-	0	-	-	0	34	189.56

 $\Phi_{T=}$ 619 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
65.0	2	44.2	34

 $\Phi_{V=}$ 1503 W
 $\Phi_{=}$ 2122 W
Помещение No.: 524, 526
Баня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВТС	2.33	2.80	6.52	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.37	37	50.69
ВТС	2.26	2.80	6.33	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.57	37	21.07
ВТС	3.00	2.80	6.93	1.11	1.00	0	-	0.4	3.1	-	-	-	-	-	0	-	-	0	37	113.85
ВТВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Под	-	-	5.36	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.75	37	27.76
Таван	-	-	5.36	0.24	1.00	1.3	-	-	0	-	-	-	-	-	0	-	-	0	37	47.60

 $\Phi_{T=}$ 304 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
15.0	2	10.2	37

 $\Phi_{V=}$ 377 W
 $\Phi_{=}$ 682 W

Помещение No.: 531
Спалня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
BC	4.43	2.80	8.7	0.26	1.00	2.3	-	-	0	-	-	-	-	-	0	-	-	0	34	76.98
ВП	2.20	1.68	3.70	1.40	1.00	5.2	-	-	0	-	-	-	-	-	0	-	-	0	34	175.93
ВТС	1.60	2.80	2.80	1.11	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	34	42.27
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Под	-	-	22.71	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.67	34	90.84
Таван	-	-	22.71	0.24	1.00	5.5	-	-	0	-	-	-	-	-	0	-	-	0	34	185.31

 $\Phi_{T=}$ 617 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
63.6	2	43.25	34

 $\Phi_{V=}$ 1470 W
 $\Phi_{=}$ 2087 W
Помещение No.: 536
Баня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВТС	2.25	2.80	6.30	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.32	37	48.95
ВТС	2.20	2.80	6.16	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.55	37	20.51
ВТС	3.00	2.80	6.93	1.11	1.00	0	-	0.4	3.1	-	-	-	-	-	0	-	-	0	37	113.85
ВТВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Под	-	-	5.14	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.72	37	26.63
Таван	-	-	5.14	0.24	1.00	1.2	-	-	0	-	-	-	-	-	0	-	-	0	37	45.64

 $\Phi_{T=}$ 299 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
14.4	2	9.792	37

 $\Phi_{V=}$ 362 W
 $\Phi_{=}$ 661 W

Помещение No.: 537
Спалня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
BC	10.52	2.80	25.8	0.26	1.00	6.7	-	-	0	-	-	-	-	-	0	-	-	0	34	227.72
ВП	2.20	1.68	3.70	1.40	1.00	5.2	-	-	0	-	-	-	-	-	0	-	-	0	34	175.93
ВТС	1.80	2.80	3.36	1.11	1.00	0	-	0.4	1.5	-	-	-	-	-	0	-	-	0	34	50.72
ВТВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.3	-	-	-	-	-	0	-	-	0	34	45.70
Под	-	-	23.90	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.81	34	95.60
Таван	-	-	23.90	0.24	1.00	5.7	-	-	0	-	-	-	-	-	0	-	-	0	34	195.02

 $\Phi_{T=}$ 791 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
67.0	2	45.55	34

 $\Phi_{V=}$ 1549 W
 $\Phi_{=}$ 2339 W
Помещение No.: 545 Баня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВТС	2.70	2.80	7.56	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.59	37	58.74
ВТС	2.76	2.80	7.73	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.7	37	25.73
ВТС	1.85	2.80	3.71	1.11	1.00	0	-	0.4	1.6	-	-	-	-	-	0	-	-	0	37	60.95
ВТВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Под	-	-	4.11	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.58	37	21.29
Таван	-	-	4.11	0.24	1.00	1	-	-	0	-	-	-	-	-	0	-	-	0	37	36.50

 $\Phi_{T=}$ 247 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
11.5	2	7.82	37

 $\Phi_{V=}$ 289 W
 $\Phi_{=}$ 536 W

Помещение No.: 547 Баня

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 25\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВтС	2.66	2.80	7.45	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	1.56	37	57.87
ВтС	2.73	2.80	7.64	1.11	1.00	0	-	-	0	-	-	-	-	-	0	22	0.1	0.69	37	25.45
ВтС	1.83	2.80	3.65	1.11	1.00	0	-	0.4	1.6	-	-	-	-	-	0	-	-	0	37	60.03
ВтВ	0.70	2.10	1.47	2.00	1.00	0	-	0.4	1.2	-	-	-	-	-	0	-	-	0	37	43.51
Под	-	-	3.91	0.80	1.00	0	-	-	0	-	-	-	-	-	0	18	0.2	0.55	37	20.25
Таван	-	-	3.91	0.24	1.00	0.9	-	-	0	-	-	-	-	-	0	-	-	0	37	34.72

 $\Phi_{T=}$ 242 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
10.9	2	7.439	37

 $\Phi_{V=}$ 275 W

 $\Phi_{=}$ 517 W

Помещение No.: 548 Учебна зала

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 22\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВС	3.90	2.80	6.5	0.26	1.00	1.7	-	-	0	-	-	-	-	-	0	-	-	0	34	57.03
ВП	2.66	1.68	4.47	1.40	1.00	6.3	-	-	0	-	-	-	-	-	0	-	-	0	34	212.71
ВтС	2.00	2.80	5.60	1.11	1.00	0	-	0.4	2.5	-	-	-	-	-	0	-	-	0	34	84.54
ВтС	10.40	2.80	27.44	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.1	3.58	34	121.83
ВтВ	0.80	2.10	1.68	2.00	1.00	0	-	-	0	-	-	-	-	-	0	18	0.1	0.4	34	13.44
Под	-	-	22.73	0.80	1.00	0	-	-	0	-	-	-	-	-	0	17	0.1	2.67	34	90.92
Таван	-	-	22.73	0.24	1.00	5.5	-	-	0	-	-	-	-	-	0	-	-	0	34	185.48

 $\Phi_{T=}$ 766 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
63.6	2	43.28	34

 $\Phi_{V=}$ 1471 W

 $\Phi_{=}$ 2237 W

Помещение No.: 549 Оръжейна

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 18\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² ·K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² ·K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
BC	5.77	2.80	11.7	0.26	1.00	3	-	-	0	-	-	-	-	-	0	-	-	0	30	91.16
ВП	2.66	1.68	4.47	1.40	1.00	6.3	-	-	0	-	-	-	-	-	0	-	-	0	30	187.69
ВТС	12.20	2.80	32.64	1.11	1.00	0	-	-	0	-	-	-	-	-	0	18	0.1	4.26	30	127.87
ВТВ	0.80	1.90	1.52	2.00	1.00	0	-	-	0	-	-	-	-	-	0	18	0.1	0.36	30	10.73
Под	-	-	34.26	0.80	1.00	0	-	-	0	-	-	-	-	-	0	15	0.1	2.74	30	82.22
Таван	-	-	34.26	0.24	1.00	8.2	-	-	0	-	-	-	-	-	0	-	-	0	30	246.67

 $\Phi_{T=}$ 746 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
95.9	1.95	63.58	30

 $\Phi_{v=}$ 1907 W
 $\Phi_{=}$ 2654 W
Помещение No.: 550 Стълбище

 Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

 Температура на помещението $\Theta_{int,i} = 18\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² ·K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² ·K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
BC	5.36	2.80	10.5	0.26	1.00	2.7	-	-	0	-	-	-	-	-	0	-	-	0	30	82.21
ВП	2.66	1.68	4.47	1.40	1.00	6.3	-	-	0	-	-	-	-	-	0	-	-	0	30	187.69
Под	-	-	26.35	0.80	1.00	0	-	-	0	-	-	-	-	-	0	15	0.1	2.11	30	63.24
Таван	-	-	26.35	0.24	1.00	6.3	-	-	0	-	-	-	-	-	0	-	-	0	30	189.72

 $\Phi_{T=}$ 523 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
73.8	2	52.44	30

 $\Phi_{v=}$ 1573 W
 $\Phi_{=}$ 2096 W

Помещение No.: 551 Коридор

Външна изчислителна температура $\Theta_{e,i} = -12\text{ }^{\circ}\text{C}$

Температура на помещението $\Theta_{int,i} = 18\text{ }^{\circ}\text{C}$

Обозначение	Дължина [m]	Височина [m]	A_k [m ²]	U_k [W/m ² .K]	e_k	$H_{T,ie}$ [W/K]	Θ_u [°C]	b_u	$H_{T,iue}$ [W/K]	$\Theta_{m,e}$ [°C]	f_{g1}	f_{g2}	$U_{equiv,k}$ [W/m ² .K]	G_w	$H_{T,ig}$ [W/K]	Adjacent space	f_{ij}	$H_{T,ij}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]	$\Phi_{T,i}$ [W]
ВтС	6.20	2.80	10.64	1.11	1.00	0	-	0.4	5.2	-	-	-	-	-	0	-	-	0	30.4	157.98
ВтВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.5	-	-	-	-	-	0	-	-	0	30.4	44.94
ВтВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.5	-	-	-	-	-	0	-	-	0	30.4	44.94
ВтВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.5	-	-	-	-	-	0	-	-	0	30.4	44.94
ВтВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.5	-	-	-	-	-	0	-	-	0	30.4	44.94
ВтВ	0.80	2.10	1.68	2.00	1.00	0	-	0.4	1.5	-	-	-	-	-	0	-	-	0	30.4	44.94
Под	-	-	27.48	0.80	1.00	0	-	-	0	-	-	-	-	-	0	15	0.1	2.2	30	65.95
Таван	-	-	27.48	0.24	1.00	6.6	-	-	0	-	-	-	-	-	0	-	-	0	30.4	200.49

$\Phi_{T=}$ 604 W

V_i [m ³]	n	$H_{v,i}$ [W/K]	$\Theta_{int,i-\Theta_e}$ [°C]
78.6	1.5	41.15	30

$\Phi_{V=}$ 1251 W

$\Phi_{=}$ 1855 W

$\Phi_{\text{пети етаж}} = 76252\text{ W}$

$\Phi_{\text{сградата}} = 357069\text{ W}$